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April 21, 2014

Ref: 14-LaRC-F-00398

This is in response to your Freedom of Information Act (FOIA) request dated and received in our office on March 17, 2014. Your request was for the following information:

A listing/bibliography of NACA technical reports that are designated or identified in the STI database as classified or restricted or otherwise nonpublic.

Enclosed is a listing of NACA technical reports that are designated or identified in the STI database as restricted or nonpublic. The STI database does not upload classified documents into the system; therefore, those types of records do not exist in the STI database. You agreed to pay \$35 in fees associated with the processing of your request; however, fees were less than \$15 and are not being charged in accordance with 14 CFR §1206.700(i)(2). This information is furnished under the provisions of the FOIA. If you have any questions, please contact me at 757-864-4274 or by email at carissa.s.wheeler@nasa.gov.

Sincerely,

A handwritten signature in cursive script that reads "Carissa S. Wheeler".

Carissa S. Wheeler, FOIA Officer
NASA Langley Research Center

Documents Exempt From Export under Export Administration Regulations (EAR) and International Traffic in Arms Regulations (ITAR)

NACA-EAR_ITAR

Title	Author	Publication Date	Document ID	Report/Patent Number
Investigation of Static Stability and Drag Characteristics of a 1/10-Scale Model of the Avco Booster Vehicle at Mach Numbers of 1.60 and 2.00, Coord. No. AF-AM-58	Church, James D.; Sista, Lawrence M.	10-May-57	20050028461	NACA-RM-SL57E06
Investigation of the aerodynamic characteristics of a model of a supersonic bomber configuration with a swept and an unswept wing at Mach numbers from 1.79 to 2.67	Silvers, H Norman; Zedekar, Raymond L	21-Jul-58	19930090123	NACA-RM-L58C27
An investigation of the performance of a semielliptical scoop inlet at Mach numbers of 1.60, 1.76, and 2.02	Hayes, Clyde; Mackley, Ernest A	7-Jan-58	19930089788	NACA-RM-L57G15
Investigation of aerodynamic characteristics in pitch and sideslip of a 45 degree sweptback-wing airplane model with various vertical locations of wing and horizontal tail : static longitudinal stability and control, M = 2.01	Spearman, M Leroy; Driver, Cornelius	21-Feb-56	19930089065	NACA-RM-L55L06
Effects of Components and Various Modifications on the Drag and the Static Stability and Control Characteristics of a 42 Degree Swept-Wing Fighter-Airplane Model at Mach Numbers of 1.60 to 2.50	Church, James D	1-Nov-57	19930090008	NACA-RM-L57K01
Some factors affecting the stability and performance characteristics of canard aircraft configurations	Spearman, M Leroy; Driver, Cornelius	23-Jun-58	19930090117	NACA-RM-L58D16
Aerodynamic and hydrodynamic characteristics of a proposed supersonic multijet water-based hydro-ski aircraft with a variable-incidence wing	Petynia, William W; Hasson, Dennis F; Spooner, Stanley H	23-Oct-57	19930089748	NACA-RM-L57G05
Aerodynamic characteristics of a model of an escape capsule for a supersonic bomber-type airplane at a Mach number of 2.49	Presnell, John G , Jr	3-Dec-57	19930089951	NACA-RM-L57I17
An exploratory investigation at Mach numbers of 2.50 and 2.87 of a canard bomber-type configuration designed for supersonic cruise flight	Kelly, Thomas C; Carmel, Melvin M; Gregory, Donald T	15-Apr-58	19930090020	NACA-RM-L58B28
Preliminary investigation of a variable mass-flow supersonic nose inlet	Hayes, Clyde	13-Dec-49	19930086070	NACA-RM-L9J11
Preliminary data at a Mach number of 2.40 of the characteristics of flap-type controls equipped with plain overhang balances	Mueller, James N; Czarnecki, K R	5-Sep-52	19930087107	NACA-RM-L52F10
Effects of a series of inboard plan-form modifications on the longitudinal characteristics of two unswept wings of aspect ratio 3.5, taper ratio 0.2, and different thickness distributions at Mach numbers of 1.61 and 2.01	Sevier, John R , Jr	5-Feb-54	19930088009	NACA-RM-L53K11
Investigation of flutter characteristics of three low-aspect-ratio all-movable half-span control surfaces at Mach numbers from 1.49 to 2.87	Morgan, Homer G; Figge, Irving E; Presnell, John G , Jr	2-May-58	19930090001	NACA-RM-L58B20
Aerodynamic characteristics at Mach number of 2.01 of two cruciform missile configurations having 70 degree delta wings with length-diameter ratios of 14.8 and 17.7 with several canard controls	Spearman, M Leroy; Robinson, Ross B	30-Aug-54	19930088370	NACA-RM-L54G20
Effects of wing sweep, horizontal-tail configuration, and a ventral fin on static stability characteristics of a model with a wing of aspect ratio 3 at Mach numbers from 2.29 to 4.65	Jaquet, Byron M; Fournier, Roger H	21-Jul-58	19930090229	NACA-RM-L58E06

Title	Author	Publication Date	Document ID	Report/Patent Number
AN INVESTIGATION OF THE PERFORMANCE OF A SEMIELLIPTICAL SCOOP INLET AT MACH NUMBERS OF 1.60, 1.76, AND 2.02	Hayes, C.; Mackley, E. A.	7-Jan-58	19630010647	NACA-RM-L57G15
Effects of Components and Various Modifications on the Drag and the Static Stability and Control Characteristics of a 42 Deg Swept-Wing Fighter-Airplane Model at Mach Numbers of 1.60 to 2.50	Church, J. D.	15-Apr-59	19660024813	NACA-RM-L57K01
Investigation of Drag and Static Longitudinal and Lateral Stability Characteristics of a Model of a 40.4 Deg Swept-Wing Airplane at Mach Numbers of 1.56 and 2.06	Carmel, M. M.; Turner, K. L.	18-Jan-57	19660010451	NACA-RM-L56I17A
Investigation of flutter characteristics of three low-aspect-ratio all-movable half-span control surfaces at Mach numbers from 1.49 to 2.87	Figge, I. E.; Morgan, H. G.; Presnell, J. G., Jr.	2-May-58	19660030329	NACA-RM-L58B20

Documents Limited to NASA Use Only

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Title	Author	Publication Date	Document ID	Report/Patent Number
Cooling Characteristics of the Allison V-1710-81 Engine . Part 1; Cylinder Temperatures and Coolant-Flow Distribution at Typical Operating Conditions with Ethylene Glycol as the Coolant	Manganiello, Eugene J.; Stalder, Jackson R.; Povolny, John H.	16-Dec-44	20140001497	NACA-MR-E4L16
Tests of an Aftercooler for the Allison V-1710 Engine for Use in the P-63 Airplane	Lundin, Bruce T.; Povolny, John H.; Chelko, Louis J.	10-Dec-45	20140001498	NACA-MR-E5L10
Cooling Characteristics of the Allison V-1710-81 Engine . Part 2; Effect of Coolant Conditions of Cylinder Temperatures and Cooland and Oil Heat Rejections	Manganiello, Eugene J.; Stalder, Jackson R.; Povolny, John H.	25-Jan-45	20140001496	NACA-MR-E5A25
Estimated Altitude Performance of the Two-scale Allison V-1710 Engine with NACA Aftercoolers for the P-63 Airplane	Manganiello, Eugene J.; Stalder, Jackson R.; Lundin, Bruce T.	30-Apr-45	20140001499	NACA-MR-E5D30
Cooling Characteristics of the Allison V-1710-81 Engine. Part 3; The Effect of Oil-inlet Temperature on Oil and Coolant Heat Rejection at Two Coolant Temperatures and for Several Engine Powers	Manganiello, Eugene J.; Stalder, Jackson R.; Lundin, Bruce T.	25-Jan-45	20140001495	NACA-MR-E5A25a
Cooling Characateristics of the Allison V-1710-81 Engine. V; Preliminary Correlation of Cylinder-Head Temperatures	Manganiello, Eugene J.; Lundin, Bruce T.; Povolny, John H.	1-Jan-46	20140001150	NACA-MR-E6B27
Determination of Drag of Man-Carrying Parachutes in the Ames 40- by 80- Foot Wind Tunnel	Chausse, Ronald H.	28-Jul-45	20140001144	NACA-MR-A5G28
Flight and Test-Stand Investigation of High-Performance Fuels in Pratt and Whitney R-1830-90C and R-1830-94 Engines. 2; Comparison of Flight R-1830-90C and R-1830-94 Engines	Pragliola, Phlip C.	6-Nov-45	20140000867	NACA-MR-E5K06
Investigation of the Mixture Distribution of the Wright R-3350-21 Engine and its Effect on Cylinder-Head Temperatures	Wilcox, Fred A.; Wallner, Lewis E.	17-May-45	20140000828	NACA MR No. E5E17
A Study of Preignition as a Cause of Backfiring in an Allison V-170-99 Engine	Berguson, Howard E.; Harries, Myron L.; Brun, Rinaldo J.	6-May-45	20140000868	NACA-MR-E5E06
Description of a Skinner Two-Stroke-Cycle Spark-Ignition Slide-Valve Engine and Results of Initial Test	Foster, Hampton H.; Sather, Bernard I.; Catlin, John C.	22-Aug-45	20140000866	NACA-MR-E5H22
The Effect of a Change in Compression Ratio from 6.65 to 6.0 on the Performance of an Allison V-1710-99 Engine	Berguson, Howard E.; Harries, Myron L.; Brun, Rinaldo J.	6-May-45	20140000864	NACA-MR-E5E06a
Methods of Reducing Failures in the Exhaust Port of the Wright R-33550 Cylinder	Peters, Max D.; MacGregor, Charles A.; Eckhardt, R. H.	22-May-45	20140000826	NACA MR-E5E22
Effects of Sweep and Dihedral on Stalling and Lateral Characteristics of the Wing-Fuselage Combination of a Model of the XA-26 Airplane with Partial and Full Span Flaps	Jerome Teplitz	1-May-44	20130014546	NACA ACR No. L4E20
Dynamic Characteristics of MX-570 (Model B) Autopilot as Determined from Oscillating Table Tests	Angle, Ellwyn E.	26-Mar-46	20120013185	NACA-MR-L6C26
Investigation of Stability and Control Characteristics of a 1/2-Scale Model of an NACA Configuration for Guided Missiles (MX-570) in the Langley Free-Flight Tunnel, II-Four-Fin Arrangement	Paulson, John W.; Johnson, Joseph L.; Schade, Robert O.	1-Oct-45	20120003239	NACA-MR-L5J01

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Title	Author	Publication Date	Document ID	Report/Patent Number
Results of Flights Tests of MX-570 (Model B-Four-Wing Tiamat)	Seacord, Charles L., Jr.	13-Feb-46	20120003237	NACA-MR-L6B13a
Correlation of the Computed Rolling Motion of the MX-570 (Tiamat-Model B) Guided Missile with that Obtained in Flight		9-Mar-46	20120003236	NACA-MR-L6C09
Results of First Flight Test of MX-570 Tiamat	Seacord, Charles L., Jr.	29-Aug-45	20120003204	NACA-MR-L5H29a
Investigation of Stability and Control Characteristics of a 1/2-Scale Model of an NACA Configuration for Guided Missiles (MX-570) in the Langley Free-Flight Tunnel, I-Three-Fin Arrangement	Paulson, John W.; Schade, Robert O.; Johnson, Joseph L.	1-Jan-45	20120002718	NACA MR-L5I04
Investigation in the Langley 19-foot Pressure Tunnel of Two Wings of NACA 65-210 and 64-210 Airfoil Sections with Various Type Flaps	Sivells, James C.; Spooner, Stanley H.	1-Jan-47	20100039437	NACA RM No. L7E22
A Method for the Dynamic Calibration of Accelerometers	Hootman, James A.	1-Mar-42	20100021159	NACA Misc. Paper No. 47
Memorandum Report for the Army Air Forces, Materiel Command Tests of A 0.12-Scale Model of the XB-33 Airplane in the 8-Foot High-Speed Tunnel	Delano, James B.; Mattson, Axel T.	24-Oct-42	20100021160	NACA MR Oct 24 42
Performance Charts for a Jet-Propulsion System Consisting of Compressor, a Combustion Chamber, and a Turbine	Pinkel, Benjamin; Karp, Irving M.	1-Jun-46	20100011251	NACA-ARR-E6E14, AD-A800816
Static Tests of a Shrouded and an Unshrouded Propeller for Navy-Westinghouse Gas-Turbine Drive. TED No. NACA 042	Platt, Robert J., Jr.	1-Jan-47	20090032233	NACA-RM-L7B24
Flying Qualities of the Curtiss XF15X-1 Airplane with a T-Tail as Estimated from Wind-Tunnel Tests of a 01.14-Scale Model	Christiani, R. Duane	29-Nov-46	20090026540	NACA-RM-A6K29
Investigation of the Performance of the Thermal Ice-Prevention System Installed in a Douglas BTD-1 Airplane (TED No. NACA 2502)	Jukoff, David; Look, Bonne C.	25-Sep-47	20090026349	NACA-RM-A7I22
Simulated Altitude Performance of Combustors for the 9.5 Jet Engine. 2; 9.5B Combustor	Bogart, Donald	21-Feb-47	20090025896	NACA-RM-SE7B21
Investigation of the I-40 Jet-Propulsion Engine in the Cleveland Altitude Wind Tunnel. IV - Analysis of Combustion-Chamber Performance	Hensley, Reece V.	18-Dec-46	20090025289	NACA-RM-E6L18
Hydrodynamic Characteristics of a 1/10-Size Powered Dynamic Model of the XP5Y-1 Flying Boat in Smooth Water: Langley Tank Model 228C-1, TED No. NACA DE309	Olson, Roland E.; Haar, Marvin I.; Woodward, David R.	5-Jun-47	20050029425	NACA-RM-L7E28
Free-Spinning Tunnel Tests of a 1/25-Scale Model of the North American XFJ-1 Airplane, TED No. NACA 2400	Berman, Theodore	18-Nov-46	20050019641	NACA-RM-L6H29
Wing-Operation Tests of the Chance-Vought F4U-1D Airplane in the Langley Full-Scale Tunnel, TED No. NACA 2371	Prince, William R.	27-Jan-47	20050019475	NACA-RM-L6H26
Free-Spinning-Tunnel Tests of a 1/20-Scale Model of the Northrop N-9M Airplane	MacDougall, George F., Jr.; Lichtenstein, Jacob H.	4-Nov-46	20050019257	NACA-RM-L6G30
Heat Transfer to Surfaces and Protuberances in a Supersonic Turbulent Boundary Layer	Burbank, Paige B; Strass, H Kurt	14-Jul-58	19930090062	NACA-RM-L58E01a

Title	Author	Publication Date	Document ID	Report/Patent Number
Correlation of Physical Properties of Ceramic Materials with Resistance to Fracture by Thermal Shock	Lidman, W G; Bobrowsky, A R	1-Jul-49	19930082596	NACA-TN-1918
Experimental Convective Heat Transfer to a 4-Inch and 6-Inch Hemisphere at Mach Numbers from 1.62 to 3.04	Chauvin, Leo T; Maloney, Joseph P	3-Feb-54	19930088132	NACA-RM-L53L10a
Investigation of the Static Lateral Stability and Aileron Characteristics of a 0.067-Scale Model of the Bell X-2 Airplane at Mach Numbers of 2.29, 2.78, 3.22, and 3.71	Fournier, Roger H.; Silvers, H. Norman	3-Mar-58	19930089979	NACA-RM-L57J28a
Investigation of a one-fifth scale model of a proposed high-submerged-speed submarine in the Langley full-scale tunnel /U/	Cocke, B. W.; Lipson, S.; Scallion, W. I.	1-Jan-50	19700089641	NACA-RM-SL50K01
NACA Conference on Engine Stall and Surge		3-Feb-55	19740079175	NACA-TM-X-67600

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Title	Author	Publication Date	Document ID	Report/Patent Number
Aerodynamic Load Measurements Over Leading-Edge and Trailing-Edge Plain Flaps on a 6 Percent Thick Symmetrical Circular-Arc Airfoil Section	Underwood, William J.; Nuber, Robert J.	22-Oct-47	20110012680	NACA-RML7H04
On the Application of the Energy Method to Stability Problems	Marguerre, Karl	1-Oct-47	20050019403	NACA-TM-1138
The Monoplane as a Lifting Vortex Surface	Blenk, Hermann	1-Feb-47	20050019419	NACA-TM-1111
Wind-Tunnel Measurements on the Henschel Missile "Zitterrochen" in Subsonic and Supersonic Velocities	Weber; Kehl	1-Apr-48	20030067831	NACA-TM-1159, DLUM-3122
Cones in Supersonic Flow	Hantzsche, W.; Wendt, H.	1-Aug-47	20030067375	NACA-TM-1157
On Landing Gear Stresses	Gentric, A.	1-Jul-56	20030065915	NACA-TM-1422
On the Theory of Anisotropic Shallow Shells	Ambartsumyan, S. A.	1-Dec-56	20030065916	NACA-TM-1424
On the Theory of Thin Shallow Shells	Nazarov, A. A.	1-Dec-56	20030065912	NACA-TM-1426
Safeguards Against Flutter of Airplanes	deVries, Gerhard	1-Aug-56	20030065872	NACA-TM-1423
Simulated Altitude Performance of Combustor of Westinghouse 19XB-1 Jet-Propulsion Engine	Childs, J. Howard; McCafferty, Richard J.	30-Nov-48	20030065290	NACA-RM-E8J29
Cooling of Gas Turbines, IV - Calculated Temperature Distribution in the Trailing Part of a Turbine Blade Using Direct Liquid Cooling	Brown, W. Byron; Monroe, William R.	18-Apr-47	20030065144	NACA-RM-E7B11d
Wind-Tunnel Tests at Low Speed of Swept and Yawed Wings Having Various Plan Forms	Purser, Paul E.; Spearman, M. Leroy	22-May-47	20030064944	NACA-RM-L7D23
Nonstationary Gas Flow in Thin Pipes of Variable Cross Section	Guderley, G.	1-Dec-48	20030064220	NACA-TM-1196
The Effect on the Sperry Directional Gyro in Turning	RosselliDelTurco, Rossello	1-Aug-46	20030063980	NACA-Tm-1091
Tests of a Horizontal-Tail Model through the Transonic Speed Range by the NACA Wing-Flow Method	Adams, Richard E.; Silsby, Norman S.	11-Apr-47	20030063953	NACA-RM-L7C25a
Gas-Dynamic Investigations of the Pulse-Jet Tube. Parts 1 and 2	Schultz-Grunow, F.	1-Feb-47	20000043166	NACA-TM-1131-Pt-1/2, Rept-2015/1-Pt-1/2
The Load Distribution in Bolted or Riveted Joints in Light-Alloy Structures	Vogt, F.	1-Apr-47	19990054354	NACA-TM-1135, SME-3300
Adaptation of combustion principles to aircraft propulsion. volume ii - combustion in air-breathing jet engines	Barnett, H. C.; Hibbard, R. R.	2-May-56	19670095382	NACA-RM-E55G28
The prospects for laminar flow on hypersonic airplanes	Seiff, Alvin	27-Jun-58	19930094001	NACA-RM-A58D25
An Analytical Study of Heat Requirements for Icing Protection of Radomes	Lewis, James P	11-Mar-53	19930094385	NACA-RM-E53A22
Component performance investigation of J71 experimental turbine. IV-Effect of first-stator adjustment; over-all performance of J71-97 turbine with 132-percent-design stator area	Davison, Elmer H; Petrash, Donald A; Schum, Harold J	17-Apr-56	19930094386	NACA RM E55H09
The theory of plasticity in the case of simple loading accompanied by strain-hardening	Ilyushin, A A	1-Feb-49	19930094862	NACA-TM-1207
Pressure recovery, drag, and subcritical stability characteristics of conical supersonic diffusers with boundary-layer removal	Obey, Leonard T; Englert, Gerald W; Nussdorfer, Theodore J , Jr	27-Feb-52	19930094389	NACA-RM-E51H29
Comparison of turbojet-engine altitude performance characteristics and ignition limits with MIL-F-5624A fuel, grades JP-3 and JP-4	Braithwaite, Willis M; Renas, Paul E	27-Feb-52	19930094391	NACA RM-E51L05

Title	Author	Publication Date	Document ID	Report/Patent Number
NACA Conference on Aircraft Loads. [A Compilation of the Papers Presented		1-Feb-48	19930094870	NACA-CONF-1948
Fuel characteristics pertinent to the design of aircraft fuel systems	Barnett, Henry C; Hibbard, R R	16-Jun-53	19930094384	NACA-RM-E53A21
Dynamic response at altitude of a turbojet engine with variable area exhaust nozzle	Delio, Gene J; Rosenweig, Solomon	28-Feb-52	19930094387	NACA-RM-E51K19
Generalization of turbojet and turbine-propeller engine performance in windmilling condition	Wallner, Ewis E; Welna, Henry J	12-Dec-51	19930094390	NACA-RM-E51J23
NACA Conference on high-speed aerodynamics		1-Mar-58	19930094869	NACA-CONF-1958
NACA Conference on Aircraft Structures. [A Compilation of the Papers PResented		7-Mar-51	19930094867	NACA-CONF-1951
NACA Conference on aerodynamics of high-speed aircraft		1-Nov-55	19930094866	NACA-CONF-1955
Adaptation of Combustion Principles to Aircraft Propulsion. Volume 2; Combustion in Air-Breathing Jet Engines	Barnett, Henry C. (Editor); Hibbard, Robert R. (Editor)	2-May-56	19960049687	NASA-TM-110456, NACA-RM-E55G28, NAS 1.15:110456
Laboratory investigation of icing in the carburetor and supercharger inlet elbow of an aircraft engine IV : effect of throttle design and method of throttle operation on induction-system icing characteristics	Zlotowski, E E	1-Jan-46	19930093070	NACA-WR-E-173, NACA-MR-E5L27
Two-dimensional wind-tunnel investigation of two NACA low-drag airfoil sections equipped with slotted flaps and a plain NACA low-drag airfoil section for XF6U-I airplane	Rice, Fred J , Jr	1-Jan-46	19930092789	NACA-WR-L-746, NACA-MR-L5L11
Aerodynamic characteristics of four NACA airfoil sections designed for helicopter rotor blades	Rice, Fred J , Jr	1-Feb-46	19930092781	NACA-WR-L-29, NACA-RB-L5K02
Correlation of mixture temperature data obtained from bare intake-manifold thermocouples	White, H. Jack; Gammon, Goldie L	1-Jan-46	19930093118	NACA-WR-E-273, NACA-MR-E5L03
Critical Mach Numbers of Thin Airfoil Sections with Plain Flaps	Pardee, Otway O'm.; Heaslet, Max A.	1-Apr-46	19930092734	NACA-WR-W-2, NACA-ACR-6A30
An evaluation of the knock-limited performance of triptane	Barnett, Henry C	1-Mar-46	19930093423	NACA-WR-E-276, NACA-MR-E6B20
Aerodynamic data for a wing section of the Republic XF-12 airplane equipped with a double slotted flap	Cahill, Jones F	1-Jan-46	19930092826	NACA-WR-L-544, NACA-MR-L6A08A
Model ditching investigations of three airplanes equipped with hydro-skis	Fisher, Lloyd J	29-Sep-53	19930087779	NACA-RM-L53G24a
Effect of fuel density and heating value on ram-jet airplane range	Henneberry, Hugh M	25-Feb-52	19930087780	NACA-RM-E51L21
Wind-Tunnel Investigation of a 1/15-Scale Model of the Republic MX-1554 Airplane at Mach Numbers of 1.45 and 1.90	Smith, Willard G	17-Mar-53	19930087781	NACA-RM-SA53C17
A theory for stability and buzz pulsation amplitude in ram jets and an experimental investigation including scale effects	Trimpi, Robert L	15-Oct-53	19930087782	NACA-RM-L53G28
Some measurements of the buffet region of a swept-wing research airplane during flight to supersonic Mach numbers	Baker, Thomas F	28-May-53	19930087799	NACA-RM-L53D06
Low-speed investigation of the aerodynamic, control, and hinge-moment characteristics of two types of controls on a delta-wing-fuselage model with and without nacelles	Scallion, William I	20-May-53	19930087783	NACA-RM-L53C18

Title	Author	Publication Date	Document ID	Report/Patent Number
Investigation at a Mach number of 1.90 of a diverter-type boundary-layer removal system for a scoop inlet	Kochendorfer, Fred D	8-Jun-53	19930087800	NACA-RM-E53D07
Stability and control characteristics at low speed of a modified 1/10-scale model of the MX-1554A design	Lockwood, Vernard E; Solomon, Martin	19-Nov-53	19930090632	NACA-RM-SL53K25
Transonic wind-tunnel investigation of the effects of taper ratio, body indentation, fixed transition, and afterbody shape on the aerodynamic characteristics of a 45 degree sweptback wing-body combination	Morgan, Francis G , Jr; Carmel, Melvin M	15-Mar-54	19930088136	NACA-RM-L54A15
Flight investigation at Mach numbers from 0.67 to 1.81 of the longitudinal stability and control characteristics of a 60 degree delta-wing missile configuration having an all-movable tail	Moul, Martin T; Baber, Hal T , Jr	6-Oct-53	19930087784	NACA-RM-L53G29
Measurements obtained during the glide-flight program of the Bell X-2 research airplane	Day, Richard E	30-Jul-53	19930087801	NACA-RM-L53G03a
An empirical equation for the coefficient of heat transfer to a flat surface from a plane heated-air jet directed tangentially to the surface	Zerbe, John; Selna, James	1-Jun-46	19930090633	NACA-TN-1070
Wind-tunnel investigation at low speed of pitching derivatives of a 0.085-scale model of the Chance Vought XF8U-1 airplane : TED No. NACA DE 392	Jaquet, Byron M; Williams, James L	1-Jan-54	19930088137	NACA-RM-SL54B05a
Damping-in-pitch characteristics at high subsonic and transonic speeds of four 35 degree sweptback wings	Kemp, William B , Jr; Becht, Robert E	16-Oct-53	19930087785	NACA-RM-L53G29a
Transonic flight measurement of the aerodynamic load on the extended slat of the Douglas D-558-II research airplane	Peele, James R	27-Aug-53	19930087819	NACA-RM-L53F29
Analysis of turbine stator adjustment required for compressor design-point operation in high Mach number supersonic turbojet engines	English, Robert E; Cavicchi, Richard H	9-Oct-53	19930087802	NACA-RM-E53G06
An evaluation of an aeromechanical method of minimizing servo- missile transfer function variations with flight condition	Nason, Martin L	18-Apr-56	19930089184	NACA-RM-L56A31
Interaction of bearing and tensile loads on creep properties of joints	Bodine, E G; Carlson, R L; Manning, G K	1-Oct-56	19930084688	NACA-TN-3758
Evaluation of several adhesives and processes for bonding sandwich constructions of aluminum facings on paper honeycomb core	Eickner, H W	1-May-50	19930090634	NACA-TN-2106
Preliminary investigation of pumping and thrust characteristics of full-size cooling-air ejectors at several exhaust-gas temperatures	Greathouse, W K	9-Apr-54	19930088138	NACA-RM-E54A18
Investigation at Mach numbers 1.5 and 1.7 of twin-duct side air-intake system with 9 degree compression ramp including modifications to boundary-layer-removal wedges and effects of a bypass system	Obery, Leonard J; Stitt, Leonard E	12-Oct-53	19930087786	NACA-RM-E53H04
Wind-tunnel investigation of the vortex wake and downwash field behind triangular wings and wing-body combinations at supersonic speeds	Spahr, J Richard; Dickey, Robert R	25-Jun-53	19930087820	NACA-RM-A53D10
Experimental investigation of the effects of plan-form taper on the aerodynamic characteristics of symmetrical unswept wings of varying aspect ratio	Allen, Edwin C	29-May-53	19930087803	NACA-RM-A53C19

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Preliminary investigation of the total-pressure-recovery characteristics of a symmetric and asymmetric nose inlet over a wide range of angle of attack at supersonic Mach numbers	Carter, Howard S; Merlet, Charles F	9-Dec-53	19930087939	NACA-RM-L53J30
The effects of blowing over various trailing-edge flaps on an NACA 0006 airfoil section, comparisons with various types of flaps on other airfoil sections, and an analysis of flow and power relationships for blowing systems	Dods, Jules B , Jr; Watson, Earl C	12-Jun-56	19930089185	NACA-RM-A56C01
An investigation at low speed of the flow over a simulated flat plate at small angles of attack using pitot-static and hot-wire probes	Gault, Donald E	1-Mar-57	19930084689	NACA-TN-3876
Flame quenching by a variable-width rectangular-slot burner as a function of pressure for various propane-oxygen-nitrogen mixtures	Berlad, Abraham L	28-Jan-54	19930090635	NACA-RM-E53K30
Experimental performance of a 0.35 hub-tip radius ratio transonic axial-flow-compressor stage designed for 40 pounds per second per unit frontal area	Cullom, Richard R; Montgomery, John C; Yasaki, Paul T	4-Sep-58	19930090120	NACA-RM-E58D04a
Correlation of tensile strength, tensile ductility, and notch tensile strength with the strength of rotating disks of several designs in the range of low and intermediate ductility	Holms, Arthur G; Repko, Andrew J	1-Sep-52	19930083474	NACA-TN-2791
Investigation at high subsonic speeds of finned and unfinned bodies mounted at various locations from the wings of unswept- and swept-wing--fuselage models, including measurements of body loads	Silvers, H Norman; Alford, William J	1-Apr-54	19930088139	NACA-RM-L54B18
Low-speed cascade tests of two 45 degree swept compressor blades with constant spanwise loading	Beatty, Loren A; Savage, Melvyn; Emery, James C	15-Mar-54	19930088156	NACA-RM-L53L07
The aerodynamic characteristics at transonic speeds of an all-movable, tapered, 45 degree sweptback, aspect-ratio-4 tail deflected about a skewed hinge axis and equipped with an inset unbalancing tab	Watson, James M	29-Sep-53	19930087787	NACA-RM-L53H13
Criticality survey of hydroxides as coolant moderators for aircraft nuclear reactors	Bogart, Donald; Soffer, Leonard	27-Oct-53	19930087821	NACA-RM-E53F30
Charts giving critical compressive stress of continuous flat sheet divided into parallelogram-shaped panels	Anderson, Roger A	1-Jul-51	19930087867	NACA-TN-2392
Results of measurements of maximum lift and buffeting intensities obtained during flight investigation of the Northrop X-4 research airplane	Baker, Thomas F	20-Aug-53	19930087804	NACA-RM-L53G06
A compilation of experimental flutter information	Cunningham, H J; Brown, Harvey H	11-Jan-54	19930087940	NACA-RM-L53K02a
Preliminary investigation of short two-dimensional subsonic diffusers	Woollett, Richard R	25-May-56	19930089186	NACA-RM-E56C02
Heat of combustion of the product formed by the reaction of diborane and an unsaturated hydrocarbon	Allen, Harrison, Jr	24-Nov-53	19930090636	NACA-RM-E53K25, LFPL-MZ-2
Relation of currently estimated ANP performance to required ANP performance	Rothrock, Addison M; Cesaro, Richard S	16-May-57	19930090121	NACA-RM-S57E13
Effect of tunnel configuration and testing technique on cascade performance	Erwin, John R; Emery, James C	1-Feb-50	19930083207	NACA-TN-2028

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Performance investigation of can-type combustor II : water injection at various stations in combustor	Zettle, Eugene V; Cook, William P	30-Sep-48	19930085473	NACA-RM-E8F28
Analytical and experimental investigation of fully developed turbulent flow of air in a smooth tube with heat transfer with variable fluid properties	Deissler, R G; Eian, C S	1-Feb-52	19930083475	NACA-TN-2629
Study by the Prandtl-Glauert method of compressibility effects and critical Mach number for ellipsoids of various aspect ratios and thickness ratios	Hess, Robert V; Gardner, Clifford S	1-Jan-49	19930082467	NACA-TN-1792
Summary of the lift, drag, and stability of 1/10-scale rocket-boosted models of the McDonnell XF3H-1 airplane for a Mach number range of 0.6 to 1.4 as affected by the operation of extensible rocket racks : TED No. NACA DE 351	Crabill, Norman L; Mcfall, John C , Jr	26-Jan-54	19930088140	NACA-RM-SL54A18
Some effects of exposure to exhaust-gas streams on emittance and thermoelectric power of bare-wire platinum rhodium - platinum thermocouples	Glawe, George E; Shepard, Charles E	1-Aug-54	19930083966	NACA-TN-3253
A summary of diagonal tension Part II : experimental evidence	Kuhn, Paul; Peterson, James P; Levin, L Ross	1-May-52	19930083352	NACA-TN-2662
Analysis of the turbojet for propulsion of supersonic bombers	Krebs, Richard P; Wilcox, E Clinton	5-Apr-54	19930088157	NACA-RM-E54A21
Approximate method for determining equilibrium operation of compressor component of turbojet engine	Huppert, Merle C	1-Jul-55	19930084230	NACA-TN-3517
Aerodynamic characteristics at supersonic speeds of a series of wing-body combinations having cambered wings with an aspect ratio of 3.5 and a taper ratio of 0.2 : effects of sweep angle and thickness ratio on the static lateral stability characteris	Hamilton, Clyde V	1-Aug-52	19930087788	NACA-RM-L52E23
Qualitative study of flow characteristics through single-stage turbines as made from rotor-exit surveys	Wong, Robert Y; Miser, James W; Stewart, Warner L	2-Mar-56	19930089204	NACA-RM-E55K21
A transonic investigation by the free-fall method of an airplane configuration having 45 degrees sweptback wing and tail surfaces	Faber, Stanley; Eggleston, John M	11-Jun-53	19930087822	NACA-RM-L53D10
Application of x-ray absorption to measurement of small air-density gradients	Weltmann, Ruth N; Fairweather, Steven; Papke, Daryl	1-Jul-51	19930087868	NACA-TN-2406
Aerodynamic characteristics of two delta wings and two trapezoidal wings at Mach number 4.04	Dunning, Robert W; Smith, Fred M	11-Jun-53	19930087540	NACA-RM-L53D30a
Flight investigation of flutter models with 1/10-scale Douglas D-558-2 wing panels	Teitelbaum, Jerome M	16-Feb-49	19930085854	NACA-RM-L9A06
Investigation of a 10-stage subsonic axial-flow research compressor III : investigation of rotating stall, blade vibration and surge at low and intermediate compressor speeds	Huppert, Merle C; Costilow, Eleanor L; Budinger, Ray E	18-May-53	19930087805	NACA-RM-E53C19
The results of wind-tunnel tests at low speeds of a four-engine propeller-driven airplane configuration having a wing with 40 degrees of sweepback and an aspect ratio of 10	Edwards, George G; Buell, Donald A; Dickson, Jerald K	21-Dec-53	19930087941	NACA-RM-A53I28
Transonic wind-tunnel investigation of the effects of a heated propulsive jet on the pressure distribution along a fuselage overhang	Cornette, Elden S; Ward, Donald H	4-Apr-56	19930089187	NACA-RM-L56A27

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Investigation of an axial-flow compressor rotor having NACA high-speed blade sections (A(sub 2)I(sub 8b) series) at mean radius relative inlet Mach numbers up to 1.13	Savage, Melvyn; Erwin, John R; Whitley, Robert P	30-Nov-53	19930087839	NACA-RM-L53G02
Wind-tunnel investigation of the effect of wing-tip fuel tanks on characteristics of unswept wings in steady roll	Murray, Harry E; Wells, Evalyn G	1-Jun-47	19930082048	NACA-TN-1317
Method for calculating the rolling and yawing moments due to rolling for unswept wings with or without flaps or ailerons by use of nonlinear section lift data	Martina, Albert P	1-May-53	19930083652	NACA-TN-2937
Measurements of lift fluctuations due to turbulence	Lamson, P	1-Mar-57	19930084708	NACA-TN-3880
Analysis of static aeroelastic behavior of low-aspect-ratio rectangular wings	Hedgepeth, John M; Waner, Paul G , Jr	1-Apr-57	19930084691	NACA-TN-3958
The effect of compressor-inlet water injection on engine and afterburner performance	Sivo, Joseph N; Wanhainen, John P; Jones, William L	22-Jul-58	19930090122	NACA-RM-E58D03b
Recent experimental flutter studies	Regier, Arthur A; Martin, Dennis J	12-Jun-51	19930086897	NACA-RM-L51F11
Flight determination of the drag and longitudinal stability and control characteristics of a rocket-powered model of a 60 degrees delta-wing airplane from Mach numbers 0.75 to 1.70	Mitcham, Grady L; Crabill, Norman L; Stevens, Joseph E	29-Nov-51	19930086976	NACA-RM-L51I04
Rupture properties of low carbon N-155 type alloys made with a columbium-tantalum ferro-alloy	Freeman, J W; Reynolds, E E; White, A E	1-Oct-51	19930083208	NACA-TN-2469
High-speed wind-tunnel investigation of a sweptback wing with an added triangular area at the center	Henry, Beverly, Z , jr	14-Jan-49	19930085474	NACA-RM-L8J12
Boundary-layer development and skin friction at mach number 3.05	Brinich, Paul F; Diaconis, Nick S	1-Jul-52	19930083476	NACA-TN-2742
Investigation of Meteorological Conditions Associated with Aircraft Icing in Layer-Type Clouds for 1947-48 Winter	Kline, Dwight B	1-Jan-49	19930082468	NACA-TN-1793
Subsonic investigation of effects of body indentation on zero-lift drag characteristics of a 45 degree sweptback wing-body combination with natural and fixed boundary-layer transition through a range of Reynolds number from 1×10^6 to 8×10^6	Braslow, Albert L; Bingham, Gene J	5-Apr-54	19930088141	NACA-RM-L54B18a
Creep buckling of columns	Kempner, Joseph; Patel, Sharad A	1-Jan-54	19930083967	NACA-TN-3138
A flight investigation at transonic speeds of a model having a triangular wing of aspect ratio 2	White, Maurice D	7-Sep-55	19930088980	NACA-RM-A55F21
Laminar friction and heat transfer at Mach numbers from 1 to 10	Klunker, E B; Mclean, F Edward	1-Oct-51	19930083353	NACA-TN-2499
Preliminary investigation of an annular turbojet combustor having a catalytic-coated liner	Norgren, Carl T; Childs, J Howard	27-Jan-54	19930088158	NACA-RM-E53L07
Summary of results obtained by transonic-bump method on effects of plan form and thickness on lift and drag characteristics of wings at transonic speeds	Polhamus, Edward C	1-Nov-55	19930084231	NACA-TN-3469

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An engineering method for the determination of aeroelastic effects upon the rolling effectiveness of ailerons on swept wings	Strass, H Kurt; Stephens, Emily W	30-Nov-53	19930087789	NACA-RM-L53H14
Preflight and flight-test investigation of a 50-percent-magnesium 50-percent JP-4 slurry fuel in a twin engine ram-jet vehicle	Trout, Otto F , R; Kennedy, Thomas L	31-May-56	19930089205	NACA-RM-L56C06
Altitude-chamber performance of British Rolls-Royce Nene II engine II : 18.41-inch-diameter jet nozzle	Wilsted, H D; Armstrong, J C; Vincent, K R	26-Oct-49	19930085986	NACA-RM-E9I27
Vapor pressures of concentrated nitric acid solutions in the composition range 83 to 97 percent nitric acid 0 to 6 percent nitrogen dioxide, 0 to 15 percent water, and in the temperature range 20 to 80 C	Mckeown, A B; Belles, Frank E	17-Sep-53	19930087823	NACA-RM-E53G08
Tests in the Ames 40- by 80-foot wind tunnel of an airplane configuration with an aspect ratio 2 triangular wing and an all-movable horizontal tail : lateral characteristics	Graham, David; Koenig, David G	11-Feb-52	19930087959	NACA-RM-A51L03
Optical methods involving light scattering for measuring size and concentration of condensation particles in supercooled hypersonic flow	Durbin, Enoch J	1-Aug-51	19930087869	NACA-TN-2441
An investigation of a 0.16-scale model of the Douglas X-3 airplane to determine means of improving the low-speed longitudinal stability and control characteristics	Mckee, John W; Riebe, John M	5-Nov-52	19930087541	NACA-RM-L52H01
Comparison of experimental and theoretical normal-force distributions (including Reynolds number effects) on an ogive-cylinder body at Mach number 1.98	Perkins, Edward W; Jorgensen, Leland H	19-Nov-54	19930088493	NACA-RM-A54H23
Analysis of Landing-Gear Behavior	Milwitzky, Benjamin; Cook, Francis E	1-Aug-52	19930083518	NACA-TN-2755
An experimental investigation of a gyro-actuated roll control system installed in a subsonic test vehicle	Teitelbaum, Jerome M; Seaberg, Ernest C	20-Apr-49	19930085855	NACA-RM-L9B24a
Wind-tunnel investigation of horizontal tails IV : unswept plan form of aspect ratio 2 and a two-dimensional model	Dods, Jules B , Jr	16-Dec-48	19930085482	NACA-RM-A8J21
Effect of fuels on combustion efficiency of 5-inch ram-jet-type combustor	Reynolds, Thaine W	22-May-53	19930087806	NACA-RM-E53C20
Experimental determination of gas motion accompanying screeching combustion in a 6-inch simulated afterburner	Blackshear, Perry L; Rayle, Warren D; Tower, Leonard K	4-Dec-53	19930087942	NACA-RM-E53I28
Temperatures in a J47-25 turbojet-engine turbine section during steady-state and transient operation in an altitude test stand	Morse, C R; Johnston, J R	22-May-56	19930089188	NACA-RM-E56C05
Effective thermal conductivities of magnesium oxide stainless steel, and uranium oxide powders	Eian, C S; Deissler, R G	29-Oct-53	19930087840	NACA-RM-E53G03
Charts for the rapid calculation of the work required to compress dry air	Benser, William A; Wilcox, Ward W; Voit, Charles H	1-Apr-46	19930082049	NACA-TN-1043
Lift developed on unrestrained rectangular wings entering gusts at subsonic and supersonic speeds	Lomax, Harvard	1-Apr-53	19930083653	NACA-TN-2925

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The effects of stability of spin-recovery tail parachutes on the behavior of airplanes in gliding flight and in spins	Scher, Stanley H; Draper, John W	5-Nov-48	19930085420	NACA-RM-L8E19
Investigation of a full-scale, cascade-type thrust reverser	Kohl, Robert C; Algranti, Joseph S	1-Apr-57	19930084709	NACA-TN-3975
Wind-tunnel investigation of a 0.6-scale model of Hughes MX-904 tail surface at supersonic speeds : tail attached to a segment of the foreshortened body	Conner, D William; Guy, Lawrence D	4-May-50	19930086215	NACA-RM-SL50E10
Heat-transfer measurements on two bodies of revolution at a Mach number of 3.12	Jack, John R; Diaconis, N S	1-Oct-56	19930084486	NACA-TN-3776
Wind-tunnel investigation of jet-augmented flaps on a rectangular wing to high momentum coefficients	Lockwood, Vernard E; Riebe, John M; Turner, Thomas R	1-Dec-56	19930084692	NACA-TN-3865
Comparison of design specifications with the actual static transverse stability of 25 seaplanes	Carter, Arthur W	1-Apr-47	19930082058	NACA-TN-1253
Experimental investigation of a lightweight rocket chamber	Dalglish, John E; Tischler, Adelbert O	1-Oct-53	19930090638	NACA-RM-E52L19a
Effects of shock-boundary-layer interaction on the performance of a long and a short subsonic annular diffuser	Wood, Charles C; Henry, John R	15-Apr-58	19930090070	NACA-RM-L58A31
Investigation of a triangular wing in conjunction with a fuselage and horizontal tail to determine downwash and longitudinal-stability characteristics : transonic bump method	Allen, Edwin C	17-Aug-51	19930086898	NACA-RM-A51F12a
Simulation study of a high-performance aircraft including the effect on pilot control of large accelerations during exit and reentry flight	Woodling, C H; Whitten, James B; Champine, Robert A; Andrews, Robert E	17-Jul-58	19930090140	NACA-RM-L58E08a
Compressive buckling of simply supported plates with longitudinal stiffeners	Seide, Paul; Stein, Manuel	1-Mar-49	19930082510	NACA-TN-1825
Gust-tunnel investigation of a delta-wing model with the leading edge swept back 60 degrees	Pierce, Harold B; Johns, Slaton L	9-Apr-52	19930086977	NACA-RM-L52B04
Buckling of thin-walled cylinder under axial compression and internal pressure	Lo, Hsu; Crate, Harold; Schwartz, Edward B	1-Jan-50	19930083209	NACA-TN-2021
Effects of turbine cooling with compressor air bleed on gas-turbine engine performance	Esgar, Jack B; Ziemer, Robert R	15-Mar-55	19930088543	NACA-RM-E54L20
Investigation of wing characteristics at a Mach number of 1.53 III : unswept wings of differing aspect ratio and taper ratio	Nielsen, Jack N; Matteson, Frederick H; Vincenti, Walter G	21-Jun-48	19930085475	NACA-RM-A8E06
Simulated altitude performance of two annular combustors with continuous axial openings for admission of primary air	Zettle, Eugene V; Mark, Herman	3-Aug-50	19930086163	NACA-RM-E50E18a
Transient operating characteristics of a turbojet engine when subjected to steep changes in fuel flow	Bell, Arthur H; Farmer, J Elmo	20-Feb-50	19930086052	NACA-RM-E9K25a
Effects of wing position and horizontal-tail position on the static stability characteristics of models with unswept and 45 degree sweptback surfaces with some reference to mutual interference	Goodman, Alex	1-Oct-51	19930083477	NACA-TN-2504
Gust-tunnel investigation of a wing model with semichord line swept back 30 degrees	Reisert, Thomas D	1-Jan-49	19930082469	NACA-TN-1794

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A correlation of loadings and afterbody length-beam ratios of various flying-boat hulls	Parkinson, John B	1-Jun-46	19930093018	NACA-WR-L-731, NACA-ARR-L6E28
Preliminary investigation of the transonic characteristics of an NACA submerged inlet	Axelson, John A; Taylor, Robert A	5-Jun-50	19930086170	NACA-RM-A50C13
Calibrations of service pitot tubes in the Langley 24-inch high-speed tunnel	Lindsey, W F	1-Feb-46	19930093488	NACA-WR-L-580, NACA-MR-L6A08
Study of chromium-frit-type coatings for high-temperature protection of molybdenum	Moore, D G; Bolz, L H; Pitts, J W; Harrison, W N	1-Jul-51	19930080718	NACA-TN-2422
Results of free-flight test of 1/10-scale model of the Convair XF2Y-1 airplane between Mach numbers of 0.7 and 1.45, including power-on flight at Mach number 1.2 : TED No. NACA DE 365	Bland, William M , Jr	4-Feb-54	19930088142	NACA-RM-SL54B05
Oscillating pressures near a static pusher propeller at tip Mach numbers up to 1.20 with special reference to the effects of the presence of the wing	Hubbard, Harvey H; Lassiter, Leslie W	1-Jul-54	19930083968	NACA-TN-3202
Stabilization of 50-percent magnesium - JP-4 slurries with some aluminum soaps of C(sub 8) acids	Caves, Robert M	13-May-54	19930088176	NACA-RM-E54C10
Weight-flow and thrust limitations due to use of rotating combustors in a turbojet engine	Lezberg, Erwin A; Blackshear, Perry L , Jr; Rayle, Warren D	17-Aug-56	19930088981	NACA-RM-E55K16
Effect of a finite trailing-edge thickness on the drag of rectangular and delta wings at supersonic speeds	Klunker, E B; Rennemann, Conrad, Jr	1-Nov-52	19930083494	NACA-TN-2828
Statistical fluctuation of intensity in Debye-Scherrer lines due to random orientation of crystal grains	Ekstein, Hans	1-Aug-51	19930083069	NACA-TN-2447
Two-dimensional unsteady lift problems in supersonic flight	Heaslet, Max A; Lomax, Harvard	1-Jun-48	19930082282	NACA-TN-1621
Displacement effect of a three-dimensional boundary layer	Moore, Franklin K	1-Jun-52	19930083354	NACA-TN-2722
The effect of nacelle location on the zero-lift drags of 45 degree sweptback wing-body configurations having boattail and cylindrical afterbodies as determined by flight tests at transonic speeds	Hoffmann, Sherwood; Wolff, Austin L	25-Mar-54	19930088159	NACA-RM-L54B02
The transonic characteristics of 36 symmetrical wings of varying taper, aspect ratio, and thickness as determined by the transonic-bump technique	Nelson, Warren H; Allen, Edwin C; Krumm, Walter J	1-Dec-55	19930084232	NACA-TN-3529
Aerodynamic characteristics of a wing with quarter-chord line swept back 60 degrees, aspect ratio 4, taper ratio 0.6, and NACA 65A006 airfoil section : transonic-bump method	King, Thomas J , Jr; Myers, Boyd C , II	6-Sep-49	19930086059	NACA-RM-L9G27
Performance of an experimental annular turbojet combustor with methane and propane	Norgren, Carl T	16-Jan-57	19930089541	NACA-RM-E56J22
Low-speed longitudinal characteristics of two unswept wings of hexagonal airfoil sections having aspect ratios of 2.5 and 4.0 with fuselage and with horizontal tail located at various vertical positions	Hadaway, William M; Cancro, Patrick A	26-Oct-53	19930087790	NACA-RM-L53H14a

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Investigation at high subsonic speeds of some effects of sideslip on the aerodynamic loads on finned and unfinned bodies mounted from the wing of a swept-wing-fuselage model	King, Thomas J , Jr	26-Apr-56	19930089206	NACA-RM-L56A24
Experimental results from a test in rough air at high subsonic speeds of a tailless rocket model having cruciform triangular wings, and a note on the calculation of mean square loads of aircraft in continuous rough air	Vitale, A James; Mitchell, Jesse L	13-Apr-56	19930089215	NACA-RM-L55L28
Effect of temperature on performance of several ejector configurations	Wilsted, H D; Huddleston, S C; Ellis, C W	13-Jun-49	19930085987	NACA-RM-E9E16
Horizontal-tail load measurements at transonic speeds of the Bell X-1 research airplane	Rogers, John T	1-Sep-53	19930087824	NACA-RM-L53F30
Combined effects of wing taper and low horizontal-tail position on longitudinal stability of a 45 degree sweptback wing-body combination at transonic speeds	Spooner, Stanley H	31-Oct-56	19930089498	NACA-RM-L56H24
Effects of Auxiliary and Ejector Pumping on the Mach Number Attainable in a 4 1/2- by 4 1/2- Inch Slotted Tunnel at Low Pressure Ratios	Dennard, John S; Little, Barney H JR	22-Jan-54	19930087960	NACA-RM-L53K19
Comparison of theoretically and experimentally determined effects of oxide coatings supplied by fuel additives on uncooled turbine-blade temperature during transient turbojet-engine operation	Schafer, Louis J; Stepka, Francis S; Brown, W Byron	30-Mar-53	19930087542	NACA-RM-E53A19
Investigation at supersonic speeds of the effect of jet Mach number and divergence angle of the nozzle upon the pressure of the base annulus of a body of revolution	Bromm, August F; O'Donnell, Robert M	17-Dec-54	19930088494	NACA-RM-L54I16
Noise from intermittent jet engines and steady-flow jet engines with rough burning	Lassiter, Leslie W	1-Aug-52	19930083519	NACA-TN-2756
Theoretical performance of liquid ammonia with liquid oxygen as a rocket propellant	Gordon, Sanford; Glueck, Alan R	12-May-58	19930089889	NACA-RM-E58A21
Dynamic stability and control characteristics of a cascade-wing vertically rising airplane model in take-offs, landings, and hovering flight	Tosti, Louis, P; Davenport, Edwin E; Mckinney, Marion O	1-Jun-54	19930083891	NACA-TN-3198
On the mechanism of buckling of a circular cylindrical shell under axial compression	Yoshimura, Yoshimaru	1-Jul-55	19930093840	NACA-TM-1390
Factors affecting the design of quiet propellers	Regier, Arthur A; Hubbard, Harvey H	19-Sep-47	19930085856	NACA-RM-L7H05
Preliminary measurements of atmospheric turbulence at high altitude as determined from acceleration measurements on Lockheed U-2 airplane	Coleman, Thomas L; Funk, Jack	27-Mar-57	19930090218	NACA-RM-L57A11
Free-flight investigation of the rolling effectiveness at high subsonic, transonic, and supersonic speeds of leading-edge and trailing-edge ailerons in conjunction with tapered and untapered plan forms	Strass, H Kurt	23-Jul-48	19930085483	NACA-RM-L8E10
On Similarity Rules for Transonic Flows	Kaplan, Carl	1-Jan-48	19930082226	NACA-TN-1527

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Aerodynamic characteristics at transonic speeds of a tapered 45 degree sweptback wing of aspect ratio 3 having a full-span flap type of control with overhang balance : transonic-bump method	Lockwood, Vernard E; Hagerman, John R	25-Jan-52	19930087887	NACA-RM-L51L11
Effects of leading-edge slats on the aerodynamic characteristics of a 45 degree sweepback wing-fuselage configuration at Mach numbers of 0.4 to 1.03	Runckel, Jack F; Steinberg, Seymour	21-Aug-53	19930087807	NACA-RM-L53F23
Wind-tunnel flutter tests at Mach numbers up to 3.0 of Boeing wing models for weapons system 110A : COORD. No. AF-AM-108	Levey, G M; Tuovila, W J; Rainey, A G	24-Oct-57	19930090577	NACA-RM-SL57J11a
Charts for estimating the hovering endurance of a helicopter	Makofski, Robert A	1-Oct-56	19930084598	NACA-TN-3810
Some measurements at subsonic speeds of the aerodynamic forces and moments on two delta wings of aspect ratio 2 and 4 oscillating about the midchord	Leadbetter, Sumner A; Clevenson, Sherman A	10-Dec-53	19930087943	NACA-RM-L53J26a
Longitudinal characteristics of an unswept-wing fighter-type model with external stores at a Mach number of 1.82 and some effects of horizontal-tail and yaw-damper-vane deflection on the sideslip derivatives	Robinson, Ross B	23-Aug-56	19930089189	NACA-RM-L55L26
Preliminary investigation of the effects of body contouring as specified by the transonic area rule on the aerodynamic characteristics of a delta wing-body combination at Mach numbers of 1.41 and 2.01	Carlson, Harry W	22-Sep-53	19930087841	NACA-RM-L53G03
Correlation of physical properties of ceramic materials with resistance to fracture by thermal shock	Lidman, W G; Bobrowsky, A R	19-Apr-49	19930093785	NACA-RM-E9B07
Performance and ranges of application of various types of aircraft-propulsion system		1-Aug-47	19930082050	NACA-TN-1349
The physical properties of active nitrogen in low-density flow	Benson, James M	1-Feb-51	19930082952	NACA-TN-2293
An analysis of buzzing in supersonic ram jets by a modified one-dimensional nonstationary wave theory	Trimpi, Robert L	1-Jul-56	19930084444	NACA-TN-3695
Techniques for calculating parameters of nonlinear dynamic systems from response data	Briggs, Benjamin R; Jones, Arthur L	1-Jul-53	19930083654	NACA-TN-2977
Effect of leading-edge high-lift devices and split flaps on the maximum-lift and lateral characteristics of a rectangular wing of aspect ratio 3.4 with circular-arc airfoil sections at Reynolds numbers from 2.9×10^6 to 8.4×10^6 .	Lange, Roy H; May, Ralph W , Jr	10-Nov-48	19930085421	NACA-RM-L8D30
Propellant vaporization as a criterion for rocket engine design : calculations of chamber length to vaporize a single n-heptane drop	Priem, Richard J	1-Jul-57	19930084710	NACA-TN-3985
An investigation of a supersonic aircraft configuration having a tapered wing with circular-arc sections and 40 degree sweepback : static longitudinal stability and control characteristics at a Mach number of 1.59	Spearman, M Leroy; Hilton, John H , Jr	29-Jun-50	19930086216	NACA-RM-L50E12

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High-speed aerodynamic characteristics of a lateral-control model III : section characteristics, fence studies, and tabulated pressure coefficients with modified NACA 0012-64 section, 26.6-percent-chord, plain aileron, 0 and 45 degree sweepback	Krumm, Walter J; Cleary, Joseph W	22-Nov-50	19930086326	NACA-RM-A50H17
An investigation of vertical-wind-shear intensities from balloon soundings for application to airplane- and missile-response problems	Tolefson, H B	1-Jul-56	19930084487	NACA-TN-3732
Effect of frequency and temperature on fatigue of metals	Valluri, S R	1-Feb-57	19930084693	NACA-TN-3972
Summary of results obtained by transonic-bump method on effects of plan form and thickness on lift and drag characteristics of wings at transonic speeds	Polhamus, Edward C	30-Nov-51	19930086951	NACA-RM-L51H30
The spot welding of dissimilar aluminum alloys in the 0.040-inch thickness	Hess, W F; Wyant, R A; Winsor, F J	1-Oct-47	19930082059	NACA-TN-1322
The method of characteristics for the determination of supersonic flow over bodies of revolution at small angles of attack	Ferri, Antonio	1-Feb-49	19930083227	NACA-TN-1809
Transonic investigation of an axial-flow compressor rotor with a hub-tip ratio of 0.75 and blades having NACA A(sub 2)I(Sub 8b) mean lines	Bernot, Peter T; Savage, Melvyn	30-Sep-57	19930090124	NACA-RM-L57H08
Effectiveness of boundary-layer control, obtained by blowing over a plain rear flap in combination with a forward slotted flap, in deflecting a slipstream downward for vertical take-off	Spreemann, Kenneth P	1-Feb-58	19930085045	NACA-TN-4200
In-flight gains realized by modifying a twin side-inlet induction system	Saltzman, Edwin J	12-Dec-57	19930090071	NACA-RM-H57J09
Transonic flutter investigation of two 64 degree delta wings with simulated streamwise rib and orthogonal spar construction	Jones, George W , Jr; Young, Lou S , Jr	4-Jan-57	19930089452	NACA-RM-L56I27
Aerodynamic characteristics of a slender cone-cylinder body of revolution at a Mach number of 3.85	Jack, John R	5-Nov-51	19930086899	NACA-RM-E51H17
Friction of surface films formed by decomposition of common lubricants of several types	Johnson, Robert L; Godfrey, Douglas; Bisson, Edmond E	1-Apr-50	19930082750	NACA-TN-2076
Dynamic corrosion of AISI 347 stainless steel by sodium at 1500 F	Mosher, Don R; Desmon, Leland G	19-Aug-52	19930087345	NACA-RM-E52G10
An electron microscope study of used nitrated-steel piston rings	Clark, Thomas P; Vierthaler, Walter A	1-Sep-46	19930081815	NACA-TN-1132
Flight investigation of the transonic longitudinal and lateral handling qualities of the Douglas X-3 research airplane	Fischel, Jack; Holleman, Euclid C; Tremant, Robert A	5-Dec-57	19930090141	NACA-RM-H57I05
Controls for supersonic missiles	Kaattari, George E; Hill, William A , Jr; Nielsen, Jack N	27-May-55	19930088640	NACA-RM-A55D12
Linear theory of boundary effects in open wind tunnels with finite jet lengths	Katzoff, Samuel; Gardner, Clifford S; Diesendruck, Leo; Eisenstadt, Bertram J	1-Mar-49	19930082511	NACA-TN-1826
Flight measurements at Mach numbers from 1.1 to 1.9 of the zero-lift drag of a twin-engine supersonic ram-jet configuration	Leiss, Abraham	23-Jun-52	19930086978	NACA-RM-L52D24
General instability of stiffened cylinders	Becker, Herbert	1-Jul-58	19930085193	NACA-TN-4237
Compressive strength of flanges	Stowell, Elbridge Z	1-Jan-50	19930083210	NACA-TN-2020
Meteorological problems associated with commercial turbojet-aircraft operation		21-Jun-55	19930088544	NACA-RM-54L29

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Effects of a sweptback hydrofoil on the force and longitudinal stability characteristics of a typical high-speed airplane	Wood, Raymond B	2-Dec-48	19930085476	NACA-RM-L8I30a
Measurement of uniform flame movement in carbon monoxide - air mixtures containing either added D2O or H2O	Mcdonald, Glen E	5-Jul-50	19930086164	NACA-RM-E50C10
Experimental investigation of various external-store configurations on a model of a tailless airplane with a sweptback wing	Silvers, H Norman; Spreemann, Kenneth P	19-Jan-50	19930086053	NACA-RM-L9K25
On the attached curved shock in front of a sharp-nosed axially symmetrical body placed in a uniform stream	Shen, S F; Lin, C C	1-Oct-51	19930083478	NACA-TN-2505
Application of radial-equilibrium condition to axial-flow compressor and turbine design	Wu, Chung-Hua; Wolfenstein, Lincoln	1-Jan-49	19930082470	NACA-TN-1795
Boundary-induced upwash for yawed and swept-back wings in closed circular wind tunnels	Eisenstadt, Bertram J	1-May-47	19930081866	NACA-TN-1265
Altitude performance and operational characteristics of 29-inch-diameter tail-pipe burner with several fuel systems and fuel-cooled stage-type flame holders on J35-A-5 turbojet engine / Richard L. Golladay and Harry E. Bloomer	Golladay, Richard L; Bloomer, Harry E	28-Apr-50	19930086171	NACA-RM-E50A19
Theory and application of hot-wire instruments in the investigation of turbulent boundary layers	Klebanoff, P S	1-Mar-46	19930093489	NACA-WR-W-86, NACA-ACR-5K27
Starting and performance characteristics of a large asymmetric supersonic free-jet facility	Seashore, Ferris, L; Hurrell, Herbert G	1-Apr-54	19930088143	NACA-RM-E54A19
Experimental investigation of an impulse-type supersonic compressor rotor having a turning of 73 degrees at the mean radius	Sterrett, James R	1-Jun-58	19930085238	NACA-TN-4252
Section characteristics of an NACA 0006 airfoil with area suction near the leading edge	Weiberg, James A; Dannenberg, Robert E	1-Jan-54	19930083969	NACA-TN-3285
Effect on the low-speed aerodynamic characteristics of a 49 degree sweptback wing having an aspect ratio of 3.78 of blowing air over the trailing-edge flap and aileron	Whittle, Edward F , Jr; Lipson, Stanley	23-Apr-54	19930088177	NACA-RM-L54C05
Flight investigation of the surface-pressure distribution and the flow field around a conical and two spherical nonrotating full-scale propeller spinners	Hammack, Jerome B; Windler, Milton L; Scheithauer, Elwood F	1-Sep-55	19930084250	NACA-TN-3535
Static tests of four two-blade NACA propellers differing in camber and solidity	Platt, Robert J , Jr	2-Dec-48	19930085493	NACA-RM-L8H25a
Effects of some primary variables of rectangular vortex generators on the static-pressure rise through a short diffuser	Valentine, E Floyd; Carroll, Raymond B	22-May-52	19930087089	NACA-RM-L52B13
Experimental evaluation of momentum terms in turbulent pipe flow	Sandborn, Virgil A	1-Jan-55	19930084016	NACA-TN-3266
A study of flow changes associated with airfoil section drag rise at supercritical speeds	Nitzberg, Gerald E; Crandall, Stewart	1-Feb-49	19930082487	NACA-TN-1813
Evaluation of three methods for determining dynamic characteristics of a turbojet engine	Delio, Gene J	1-Feb-52	19930083495	NACA-TN-2634

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Force and pressure measurements on several canopy-fuselage configurations at transonic Mach numbers 1.41 and 2.01	Robins, A Warner	15-Dec-55	19930088815	NACA-RM-L55H23
Lift, drag, and pitching moment of low-aspect-ratio wings at subsonic and supersonic speeds : plane tapered wing of aspect ratio 3.1 with 3-percent-thick, biconvex section	Reese, David E; Phelps, E Ray	30-Jan-51	19930086467	NACA-RM-A50K28
Airplane motions and loads induced by flying through the flow field generated by an airplane at low supersonic speeds	Jordan, Gareth H; Keener, Earl R; Butchart, Stanley P	7-Jun-57	19930089749	NACA-RM-H57D17a
Flight measurements of the velocity distribution and persistence of the trailing vortices of an airplane	Kraft, Christopher C , Jr	1-Mar-55	19930084657	NACA-TN-3377
Thermodynamic charts for the computation of fuel quantity required for constant-pressure combustion with diluents	Bogart, Donald; Okrent, David; Turner, L Richard	1-Jul-48	19930082283	NACA-TN-1655
A preliminary investigation of methods for improving the pressure recovery characteristics of variable-geometry supersonic-subsonic diffuser systems	Hasel, Lowell E	16-Oct-57	19930089828	NACA-RM-L57H02
The gust and gust-load experience of a twin-engine low-altitude transport airplane in operation on a northern transcontinental route	Press, Harry; Mcdougal, Robert L	1-Apr-52	19930083355	NACA-TN-2663
Theoretical and experimental analysis of one-dimensional compressible flow in a rotating radial-inlet impeller channel	Lieblein, Seymour	1-Apr-52	19930083986	NACA-TN-2691
Investigation at high subsonic speeds of a body-contouring method for alleviating the adverse interference at the root of a sweptback wing	Mcdevitt, John B; Haire, William M	8-Apr-54	19930088160	NACA-RM-A54A22
Hydrodynamic tares and interference effects for a 12-percent-thick surface-piercing strut and an aspect-ratio-0.25 lifting surface	Ramsen, John A; Vaughan, Victor L , Jr	1-Apr-55	19930084233	NACA-TN-3420
Wind-tunnel investigation of the effects of steady rolling on the aerodynamic loading characteristics of a 45 degree sweptback wing at high subsonic speeds	Wiggins, James W; Kuhn, Richard E	6-Nov-53	19930088296	NACA-RM-L53J01a
Flight investigation at high-subsonic, transonic, and supersonic speeds to determine zero-lift drag of bodies of revolution having fineness ratio of 6.04 and varying positions of maximum diameter	Katz, Ellis R	31-Aug-49	19930086060	NACA-RM-L9F02
Aerodynamic-heating data obtained from free-flight tests between Mach numbers of 1 and 5	Rumsey, Charles B; Piland, Robert O; Hopko, Russell N	11-Mar-55	19930088669	NACA-RM-L55A14a
Axial-slot air admission for controlling performance of a one-quarter-annual turbojet combustor and comparison with complete engine	Mark, H; Mark, Herman; Zettle, Eugene V	24-Mar-52	19930087859	NACA-RM-E52A21
Airfoil profiles for minimum pressure drag at supersonic velocitiesgeneral analysis with application to linearized supersonic flow	Chapman, Dean R	1-Jan-51	19930083061	NACA-TN-2264
Experimental and analytical investigation of an acceleration regulating control for a turbojet engine	Stiglic, Paul M; Heppler, Herbert; Novik, David	28-Jun-56	19930089207	NACA-RM-E56C07

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A transonic investigation of the static longitudinal-stability characteristics of a 45 degree sweptback wing-fuselage combination with and without horizontal tail	Critzos, Chris C	1-May-56	19930089216	NACA-RM-L56A18
Flight investigation from high subsonic to supersonic speeds to determine the zero-lift drag of a transonic research vehicle having wings of 45 degree sweepback, aspect ratio 4, taper ratio 0.6, and NACA 65A006 airfoil sections	Katz, Ellis	27-Oct-49	19930085988	NACA-RM-L9H30
Rocket-model investigation of the longitudinal stability, drag, and duct performance of a 60 degree delta-wing canard aircraft with twin side inlets at Mach numbers from 0.80 to 1.70	Bond, Aleck C; Swanson, Andrew G	29-Mar-54	19930087825	NACA-RM-L53D10a
Additional experiments with flat-top wing-body combinations at high supersonic speeds	Syvertson, Clarence A; Wong, Thomas J; Gloria, Hermilo R	19-Feb-57	19930089499	NACA-RM-A56I11
Investigation of a trailing-edge paddle-control surface on a triangular wing of aspect ratio 2 at subsonic and supersonic speeds	Ball, Louis H	2-Feb-54	19930087961	NACA-RM-A53K20
Theory of ground vibrations of a two-blade helicopter rotor on anisotropic flexible supports	Coleman, Robert P; Feingold, Arnold M	1-Jan-47	19930081991	NACA-TN-1184
Analysis of heat transfer and fluid friction for fully developed turbulent flow of supercritical water with variable fluid properties in a smooth tube	Deissler, Robert G; Taylor, Maynard F	9-Apr-53	19930087543	NACA-RM-E53B17
Pressure pulsations on rigid airfoils at transonic speeds	Humphreys, Milton D	6-Dec-51	19930086842	NACA-RM-L51I12
A comparative examination of some measurements of airfoil section lift and drag at supercritical speeds	Nitzberg, Gerald E; Crandall, Stewart M	1-Nov-52	19930083484	NACA-TN-2825
Theoretical distribution of lift on thin wings at supersonic speeds : (an extension)	Evvard, John C	1-May-48	19930082236	NACA-TN-1585
The effect of stick-force gradient and stick gearing on the tracking accuracy of a fighter airplane	Abramovitz, Marvin; Van Dyke, Rudolph D , Jr	17-Dec-54	19930088495	NACA-RM-A54I28
A universal column formula for load at which yielding starts	Donnell, L H; Tsien, V C	1-Oct-55	19930084186	NACA-TN-3415
Flow surfaces in rotating axial-flow passages	Stanitz, John D; Ellis, Gaylord O	1-Nov-52	19930083520	NACA-TN-2834
Preliminary investigation of the characteristics of a two dimensional wing and propeller with the propeller plane of rotation in the wing-chord plane	Hickey, David H	1-Aug-57	19930089890	NACA-RM-A57F03
Design data for multipost-stiffened wings in bending	Anderson, Roger A; Johnson, Aldie E , Jr; Wilder, Thomas W , III	1-Jan-54	19930083892	NACA-TN-3118
Optimum flight paths of turbojet aircraft	Miele, Angelo	1-Sep-55	19930093841	NACA-TM-1389
Investigation of downwash and wake characteristics at a Mach number of 1.53 I : rectangular wing	Perkins, Edward W; Canning, Thomas N	1-Mar-49	19930085516	NACA-RM-A8L16
Experimental analysis of multicell wings by means of plastic models	Zender, George W	21-Jun-55	19930088763	NACA-RM-L55E10b
The application of Green's theorem to the solution of boundary-value problems in linearized supersonic wing theory	Heaslet, Maxwell Alfred; Lomax, Harvard	1-Apr-49	19930082440	NACA-TN-1767

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Measurement of the dynamic lateral stability of the Douglas D-558-1 airplane (BuAero No. 37971) in rudder kicks at a Mach number of 0.72	Drake, Hubert M	31-May-49	19930085857	NACA-RM-L9D06a
An experimental determination of the critical bending moment of a box beam stiffened by posts	Barrett, Paul F; Seide, Paul	1-Jul-51	19930082994	NACA-TN-2414
Investigation of a high-performance top inlet to Mach number of 2.0 and at angles of attack to 20 degrees	Vargo, Donald J; Parks, Philip N; Davis, Owen H	20-Mar-57	19930090219	NACA-RM-E57A21
The effect of air jets simulating chines or multiple steps on the hydrodynamic characteristics of a streamline fuselage	Weinflash, Bernard	7-Jan-49	19930085484	NACA-RM-L8J21
The effect of variations in moments of inertia on spin and recovery characteristics of a single- engine low-wing monoplane with various tail arrangements, including a twin tail	Neihouse, Anshal I	1-May-48	19930082227	NACA-TN-1575
Aerodynamic characteristics at supersonic speeds of a series of wing-body combinations having cambered wings with an aspect ratio of 3.5 and a taper ratio of 0.2 : effects of sweep angle and thickness ratio on the aerodynamic characteristics in pitch	Driver, Cornelius; Robinson, Ross B	10-Jan-52	19930087888	NACA-RM-L51K16a
Aileron and Elevator Hinge Moments of the Bell X-1 Airplane Measured in Transonic Flight	Drake, Hubert M; Mckay, John B	22-Jun-53	19930087560	NACA-RM-L53E04
Effect of reduction in thickness from 6 to 2 percent and removal of the pointed tips on the subsonic static longitudinal stability characteristics of a 60 degree triangular wing in combination with a fuselage	Palmer, William E	19-Aug-53	19930087808	NACA-RM-L53F24
Aerodynamic characteristics of a two-blade NACA 10-(3)(12)-03 propeller	Allis, A E; Gray, W H	30-Aug-48	19930090578	NACA-RM-L8D01
Analysis of cooling-air requirements of corrugated-insert-type turbine blades suitable for a supersonic turbojet engine	Ziemer, Robert R; Slone, Henry O	25-Apr-56	19930089224	NACA-RM-E56B17
Model ditching investigation of a jet transport airplane with various engine installations	Thomson, William C	20-Aug-56	19930089284	NACA-RM-L56G10
A flight investigation of the effects of inclination of the principal axis of inertia on the dynamic lateral stability of the Republic XF-91 airplane	Finch, Thomas W	15-Jul-54	19930087944	NACA-RM-L53I28
An experimental investigation of secondary flow in an accelerating, rectangular elbow with 90 degrees of turning	Stanitz, John D; Osborn, Walter M; Mizisin, John	1-Oct-53	19930083742	NACA-TN-3015
Some effects of fluid in pylon-mounted tanks on flutter	Reese, James R	19-Jul-55	19930088790	NACA-RM-L55F10
Turbulent and laminar heat-transfer measurements on a 1/6-scale NACA RM-10 missile in free fight to Mach number of 4.2 and to a wall temperature of 1400 R	Piland, Robert O; Collie, Katherine A; Stoney, William E	3-Jul-56	19930089190	NACA-RM-L56C05
Low-speed tests of a model simulating the phenomenon of control-surface buzz	Phillips, William H; Adams, James J	16-Aug-50	19930087842	NACA-RM-L50F19
A wind-tunnel investigation of the use of spoilers for obtaining static longitudinal stability of a canard-missile model in reverse flight	Fletcher, Herman S	21-Jun-54	19930088111	NACA-RM-L54E05

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Discharge coefficients for combustor-liner air-entry holes II : flush rectangular holes, step louvers, and scoops	Dittrich, Ralph T	1-Apr-58	19930084900	NACA-TN-3924
Preliminary investigation of 3-inch slotted transonic wind-tunnel test sections	Bates, George P	9-Sep-49	19930085874	NACA-RM-L9D18
Wind-tunnel investigation of the spinning characteristics of a model of a twin-tail low-wing personal-owner-type airplane with linked and unlinked rudder and aileron controls	Klinar, Walter J; Gale, Lawrence J	1-Jan-49	19930082476	NACA-TN-1801
Tabulated pressure coefficients and aerodynamic characteristics measured in flight on the wing of the Douglas D-558-I airplane throughout the normal-force coefficient range at Mach numbers of 0.67, 0.74, 0.78, and 0.82	Keener, Earl R; Peele, James R; Woodbridge, Julia B	29-Jan-51	19930086504	NACA-RM-L50L12a
Lift and drag coefficients for the Bell X-1 airplane (8-percent-thick wing) in power-off transonic flight	Carman, L Robert; Carden, John R	25-Jun-51	19930086696	NACA-RM-L51E08
Flight determination of drag and pressure recovery of two scoop inlets located at maximum-body-diameter station at Mach numbers from 0.8 to 1.8	Putland, Leonard W	10-Jan-56	19930089109	NACA-RM-L55H22a
A preliminary investigation at Mach number 1.91 of a diffuser employing a pivoted cone to improve operation at angle of attack	Beheim, Milton A	8-Dec-53	19930088033	NACA-RM-E53I30
Transonic drag characteristics of a wing-body combination showing the effect of a large wing fillet	Cheatham, Donald C; Kurbjun, Max C	7-Sep-48	19930093786	NACA-RM-L8F08
Estimated lift-drag ratios at supersonic speed	Jones, Robert T	1-Jul-47	19930082051	NACA-TN-1350
An investigation of a supersonic aircraft configuration having a tapered wing with circular-arc sections and 40 degrees sweepback : estimated downwash angles derived from pressure measurements on the tail at Mach numbers of 1.40 and 1.59	Grant, Frederick C; Gapcynski, John P	10-Mar-52	19930087082	NACA-RM-L51L17
Lift and pitching derivatives of thin sweptback tapered wings with streamwise tips and subsonic leading edges at supersonic speeds	Malvestuto, Frank S , Jr; Hoover, Dorothy M	1-Feb-51	19930082953	NACA-TN-2294
A study of the high-speed performance characteristics of 90 degrees bends in circular ducts	Higginbotham, James T; Wood, Charles C; Valentine, E Floyd	1-Jun-56	19930084445	NACA-TN-3696
Effects of varying the size and location of trailing-edge flap-type controls on the aerodynamic characteristics of a unswept wing at a Mach number of 1.9	Mitchell, Meade H , Jr	16-Aug-50	19930086204	NACA-RM-L50F08
Over-all performance of the J71 three-stage turbine	Berkey, William E	9-Jul-52	19930087112	NACA-RM-E52B29
Static force-deflection characteristics of six aircraft tires under combined loading	Horne, Walter B	1-May-53	19930083655	NACA-TN-2926
Heat transfer measured on a flat-face cylinder in free flight at Mach numbers up to 13.9	Stoney, William E , Jr; Swanson, Andrew G	17-Jun-57	19930089699	NACA-RM-L57E13
Evaluation of gust and draft velocities from flights of F-61C airplanes within thunderstorms August 21, 1947 to August 25, 1947 at Clinton County Army Air Field, Ohio	Funk, Jack	2-Apr-48	19930085422	NACA-RM-L8C04

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The linearized subsonic flow about symmetrical nonlifting wing-body combinations	Mcdevitt, John B	1-Apr-57	19930084711	NACA-TN-3964
Low-speed longitudinal characteristics of a circular-arc 52 degree sweptback wing of aspect ratio 2.84 with and without leading-edge and trailing-edge flaps at Reynolds numbers from 1.6×10^6 to 9.7×10^6	Foster, Gerald V; Griner, Roland F	11-Aug-50	19930086217	NACA-RM-L50F16a
Determination of minimum moments of inertia of arbitrarily shaped areas, such as hollow turbine blades	Gendler, Selwyn; Johnson, Donald F	24-Feb-50	19930086093	NACA-RM-E9H10
Experimental investigation of an axial-flow compressor inlet stage operating at transonic relative inlet Mach numbers III : blade-row performance of stage with transonic rotor and subsonic stator at corrected tip speeds of 800 and 1000 feet per secon	Schwenk, Francis C; Lieblein, Seymour; Lewis, George W , Jr	18-Sep-53	19930087685	NACA-RM-E53G17
Static longitudinal stability characteristics of a composite-plan-form-wing-model including some comparisons with a 45 degree sweptback wing at transonic speeds	Wolhart, Walter D	18-Aug-54	19930088325	NACA-RM-L54F24
Wing-flow measurements of longitudinal stability and control characteristics of a canard airplane configuration with a 45 degree sweptback wing and a triangular all-movable control surface	Crane, Harold L; Adams, James J	25-Aug-50	19930086327	NACA-RM-L50A31
Flight characteristics at low speed of a 1/12 scale model of the Consolidated Vultee 7002 airplane : (flying mock-up of XP-92)	Tosti, Louis B; Bates, William R	1-Feb-48	19930085319	NACA-RM-SL8B12
Seat design for crash worthiness	Pinkel, I Irving; Rosenberg, Edmund G	1-Oct-56	19930084488	NACA-TN-3777
Effect of bluntness on transition for a cone and a hollow cylinder at Mach 3.1	Brinich, Paul F; Sands, Norman	1-May-57	19930084728	NACA-TN-3979
Preliminary investigation of two full-scale propellers to determine the effect of swept-back blade tips on propeller aerodynamic characteristics	Evans, Albert J; KLUNKER E BERNARD	12-May-47	19930085753	NACA-RM-L6J21
Comparison of sound emission from two-blade, four-blade, and seven-blade propellers	Hicks, Chester W; Hubbard, Harvey H	1-Jul-47	19930081979	NACA-TN-1354
On slender delta wings with leading-edge separation	Brown, Clinton E; Michael, William H , Jr	1-Apr-55	19930084288	NACA-TN-3430
On Stokes' stream function in compressible small-disturbance theory	Van Dyke, Milton D	1-Feb-57	19930084694	NACA-TN-3877
Free-spinning-tunnel investigation of a 1/28-scale model of the North American FJ-4 airplane : TED No. NACA AD-3112	Healy, Frederick M	11-Feb-58	19930090060	NACA-RM-SL58A29
Effect of Simulated Service Conditions on Plastics During Accelerated and 2-Year Weathering Tests	Crouse, W A; Caudill, D C; Reinhart, F W	1-May-48	19930082068	NACA-TN-1438
Wind-tunnel investigation of the effects of horizontal-tail position on the low-speed longitudinal stability characteristics of an airplane model with a 35 degrees sweptback wing equipped with chordwise fences	Queijo, M J; Wolhart, Walter D	5-Nov-51	19930086818	NACA-RM-L51H17

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Preliminary investigation at subsonic and transonic speeds of the aerodynamic characteristics of a biplane composed of a sweptback and a sweptforward wing joined at the tips	Cahill, Jones F; Stead, Dexter H	12-Mar-54	19930090477	NACA-RM-L53L24b
Wing loads on the Bell X-1 research airplane (10 percent thick wing) as determined by pressure-distribution measurements in flight at subsonic and transonic speeds	Knapp, Ronald J; Jordan, Gareth H	4-Nov-53	19930087661	NACA-RM-L53G14
Normal accelerations and associated operating conditions on four types of commercial transport airplanes from VGH data available as of September 1951	Steiner, Roy; Persh, Doris A	19-May-52	19930086952	NACA-RM-L52A28
Effect of high bulk temperatures on boundary lubrication of steel surfaces by synthetic fluids	Murray, S F; Johnson, Robert L; Bisson, Edmond E	1-May-53	19930083672	NACA-TN-2940
Effects on performance of changing the division of work between increase of angular velocity and increase of radius of rotation in an impeller	Ginsburg, Ambrose; Ritter, William K; Palasics, John	1-Feb-47	19930082060	NACA-TN-1216
Downwash in the vertical and horizontal planes of symmetry behind a triangular wing in supersonic flow	Lomax, Harvard; Sluder, Loma	1-Jan-49	19930083228	NACA-TN-1803
Landing and taxing tests over various types of runway lights	Dreher, Robert C; Batterson, Sidney A	26-Aug-58	19930090125	NACA-RM-L58C28a
Relations between fuel properties and combustion carbon deposition	Jonash, Edmund R; Wear, Jerrold D; Hibbard, Robert R	14-Apr-52	19930086996	NACA-RM-E52B14
Matrix method for obtaining spanwise moments and deflections of torsionally rigid rotor blades with arbitrary loadings	Mayo, Alton P	1-Aug-58	19930085046	NACA-TN-4304
Investigation of the drag of blunt-nosed bodies of revolution in free flight at Mach numbers from 0.6 to 2.3	Wallskog, Harvey A; Hart, Roger G	11-Jun-53	19930089121	NACA-RM-L53D14a
The synthesis and purification of aromatic hydrocarbons IV : 1,2,3-trimethylbenzene	Lamberti, J M; Reynolds, T W; Chanan, H H	1-Nov-46	19930081905	NACA-TN-1163
Studies of the use of Freon-12 as a testing medium in the Langley low-turbulence pressure tunnel	Von Doenhoff, Albert E; Braslow, Albert L	5-Dec-51	19930086830	NACA-RM-L51I11
Effects of modifications to a control surface on a 6-percent-thick unswept wing on the transonic control-surface flutter derivatives	Wyss, John A; Sorenson, Robert M; Gambucci, Bruno J	2-May-58	19930090072	NACA-RM-A58B04
An airborne simulator investigation of the accuracy of an optical track command missile guidance system	Douvillier, Joseph G , Jr; Foster, John V; Drinkwater, Fred J , III	23-Nov-56	19930089453	NACA-RM-A56G24
Analysis of means of improving the uncontrolled lateral motions of personal airplanes	Mckinney, Marion O , Jr	1-Dec-49	19930082897	NACA-TN-1997
A comparison of the lateral controllability with flap and plug ailerons on a sweptback-wing model	Lovell, Powell M , Jr; Stassi, Paul P	1-May-50	19930082798	NACA-TN-2089
Experimental investigation of a transonic axial-flow-compressor rotor with double-circular-arc airfoil blade sections III : comparison of blade-element performance with three levels of solidity	Schwenk, Francis C; Lewis, George W , Jr	25-Jul-55	19930088706	NACA-RM-E55F01

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Free-flight investigation to determine force and hinge-moment characteristics at zero angle of attack of a 60 degrees sweptback half-delta tip control on a 60 degrees sweptback delta wing at Mach numbers between 0.68 and 1.44	Martz, C William; Church, James D; Goslee, John W	3-Dec-51	19930086900	NACA-RM-L51I14
Application of stream-filament techniques to design of diffuser between compressor and combustor in a gas-turbine engine	Stockman, Norbert O	29-Aug-55	19930088697	NACA-RM-E55F06
A determination of the laminar-, transitional-, and turbulent-boundary-layer temperature-recovery factors on a flat plate in supersonic flow	Stalder, Jackson R; Rubesin, Morris W; Tendeland, Thorval	1-Jun-50	19930082751	NACA-TN-2077
An investigation of the creep lifetime of 75S-T6 aluminum-alloy columns	Mathauser, Eldon E; Brooks, William A , Jr	1-Jul-54	19930084039	NACA-TN-3204
Low-speed lateral-control investigation of a flap-type spoiler aileron with and without a deflector and slot on a 6-percent-thick, tapered, 45 degree sweptback wing of aspect ratio 4	Watson, James M	10-Sep-52	19930087346	NACA-RM-L52G10
Investigation of the stability of the laminar boundary layer	Lees, Lesters; Lin, Chia Chiao	1-Sep-46	19930081816	NACA-TN-1115
Screaming tendency of the gaseous-hydrogen - liquid-oxygen propellant combination	Baker, Louis, Jr; Steffen, Fred W	30-Sep-58	19930090142	NACA-RM-E58E09
Effect on transonic and supersonic drag of fuselage gloves designed to give a smooth overall area distribution to a swept-wing--body combination	Hall, James Rudyard	26-Nov-54	19930088431	NACA-RM-L54H30
Effect of exhaust pressure on the cooling characteristics of an air-cooled engine	Valerino, Michael F; Kaufman, Samuel J; Hughes, Richard F	1-Mar-47	19930082128	NACA-TN-1221
Flight investigation of the supersonic area rule for a straight wing-body configuration at Mach numbers between 0.8 and 1.5	Hoffman, Sherwood; Wolff, Austin L; Faget, Maxime A	29-Apr-55	19930088641	NACA-RM-L55C09
Matrix methods for calculating cantilever-beam deflections	Benscoter, Stanley U; Gossard, Myron L	1-Mar-49	19930082512	NACA-TN-1827
An Investigation at Transonic Speeds of the Effects of Thickness Ratio and of Thickened Root Sections on the Aerodynamic Characteristics of Wings with 47 Degrees Sweepback, Aspect Ratio 3.5, and Taper Ratio 0.2 in the Slotted Test Section of the Langley 8-Foot High-Speed Tunnel	Bielat, Ralph P; Harrison, Daniel E; Coppolino, Domenic A	31-Oct-51	19930086979	NACA-RM-L51I04a
Exploratory Wind-Tunnel Investigation to Determine the Lift Effects of Blowing over Flaps from Nacelles Mounted Above the Wing	Riebe, John M; Davenport, Edwin E	1-Jun-58	19930085194	NACA-TN-4298
Wing-tunnel investigation of effects of various aerodynamic balance shapes and sweepback on control-surface characteristics of semispan tail surfaces with NACA 0009, 0015, 66-009, 66(215)-014, and circular-arc airfoil sections	Harper, John J	1-Oct-51	19930083211	NACA-TN-2495
Altitude performance of an afterburner with pentaborane fuel	Useller, James W; Branstetter, J Robert; Fenn, David B	29-Mar-55	19930088545	NACA-RM-E54L17a
Charts relating the compressive buckling stress of longitudinally supported plates to the effective deflectional and rotational stiffness of the supports	Anderson, Roger A; Semonian, Joseph W	1-Aug-53	19930083717	NACA-TN-2987
Operating temperatures of I-40-5 turbojet engine burner liners and the effect of temperature variation on burner-liner service life	Duffy, Robert T; Grey, Ralph E; Wilsted, H D	23-Aug-48	19930085477	NACA-RM-E8F29

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Use of ducted head baffles to reduce rear-row cylinder temperatures of an air-cooled aircraft engine	Sipko, Michael A; Cotton, Charles B; Lusk, James B	1-Aug-46	19930081674	NACA-TN-1053
An analysis of the forces and pressure distribution on a wing with the leading edge swept back 37.25 degrees	Edwards, George G; Boltz, Frederick W	30-Mar-50	19930086165	NACA-RM-A9K01
Experimental performance of chlorine trifluoride-hydrazine propellant combination in 100-pound-thrust rocket engine	Ordin, Paul M; Miller, Riley O	15-Aug-49	19930086054	NACA-RM-E9F01
Fundamental flame velocities of pure hydrocarbons I : alkanes, alkenes, alkynes benzene, and cyclohexane	Gerstein, Melvin; Levine, Oscar; Wong, Edgar L	28-Sep-50	19930086321	NACA-RM-E50G24
The effect of control stiffness and forward speed on the flutter of a 1/10-scale dynamic model of a two-blade jet-driven helicopter rotor	Brooks, George W; Sylvester, Maurice A	1-Apr-55	19930084652	NACA-TN-3376
Landing-gear impact	Flugge, W	1-Oct-52	19930083479	NACA-TN-2743
Theoretical analysis of oscillations of a towed cable	Phillips, William H	1-Jan-49	19930082471	NACA-TN-1796
Data on optimum length, shear strength, and tensile strength of age-hardened 17S-T machine-countersunk rivets in 75S-T sheet	Niles, Donald E; Schuette, Evan H	1-Mar-47	19930081867	NACA-TN-1205
Lateral-control investigation on a 37 degree sweptback wing of aspect ratio 6 at a Reynolds number of 6,800,000	Koven, William; Graham, Robert R	27-Jan-49	19930085562	NACA-RM-L8K12
Preliminary discussion of fuel temperatures attained in supersonic aircraft	Gibbons, Louis C	15-Mar-55	19930088570	NACA-RM-E55A25
Stress problems in pressurized cabins	Flugge, W	1-Feb-52	19930083373	NACA-TN-2612
Transonic aerodynamic characteristics of three W-plan-form wings having aspect ratio 8, taper ratio 0.45, and NACA-63A-series airfoil sections	Morrison, William D , Jr	21-Jul-52	19930087123	NACA-RM-L52E14a
Wind-tunnel investigation at low speed of the static aerodynamic and operational characteristics of a model of the Kaman Rotochute	Queijo, M J	13-Apr-54	19930088224	NACA-RM-SL54D13a
Low-speed investigation of leading-edge and trailing-edge flaps on a 47.5 degree sweptback wing of aspect ratio 3.4 at a Reynolds number of 4.4×10^6	Pasamanick, Jerome; Sellers, Thomas B	12-Jun-50	19930086172	NACA-RM-L50E02
Transonic investigation of effects of spanwise and chordwise external store location and body contouring on aerodynamic characteristics of 45 degree sweptback wing-body configuration	Pearson, Albin O	25-Sep-57	19930089798	NACA-RM-L57G17
Preliminary investigation of cone-type diffusers designed for minimum spillage at inlet	Luidens, Roger W; Hunczak, Henry	3-May-48	19930085799	NACA-RM-E7K19
Performance and operational studies of a full-scale jet-engine thrust reverser	Kohl, Robert C	1-Apr-56	19930084910	NACA-TN-3665
An application of the rocket-propelled-model technique to the investigation of low-lift buffeting and the results of preliminary tests	Mason, Homer P; Gardner, William N	2-Sep-52	19930087249	NACA-RM-L52C27
Variation of spontaneous ignition delays with temperature and composition for propane-oxygen-nitrogen mixtures at atmospheric pressure	Brokaw, Richard S; Jackson, Joseph L	4-May-54	19930088144	NACA-RM-E54B19
Hydrodynamic impact loads of a -20 degree dead-rise inverted-V model and comparisons with loads of a flat-bottom model	Edge, Philip M , Jr	1-Aug-58	19930085239	NACA-TN-4339

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Preliminary results of NACA transonic flights of the XS-1 airplane with a 10-percent-thick wing and 8-percent-thick horizontal tail	Drake, Hubert M; Goodman, Harold R; Hoover, Herbert H	13-Oct-48	19930085623	NACA-RM-L8I29
Influence of alloying upon grain-boundary creep	Rhines, F N; Kissel, M A; Bond, W E	1-Apr-56	19930084999	NACA-TN-3678
Flutter of thin propeller blades, including effects of Mach number, structural damping, and vibratory-stress measurements near the flutter boundaries	BURGESS MARVIN F; Hubbard, Harvey H; Sylvester, Maurice A	1-Jun-56	19930084475	NACA-TN-3707
A flight investigation at transonic speeds of a model having a triangular wing of aspect ratio 4	Bright, Loren G	24-Mar-55	19930090248	NACA-RM-A54L27
Wind-tunnel investigation of the effect of clipping the tips of triangular wings of different thickness, camber, and aspect ratio -transonic bumb method	Emerson, Horace F	3-Feb-54	19930088178	NACA-RM-A53L03
Rapid radiant-heating tests of multiweb beams	Johnson, Aldie E , Jr; Ross, Robert D; Kotanchik, Joseph N	1-Sep-55	19930084251	NACA-TN-3474
Calculated and measured stresses in simple panels subject to intense random acoustic loading including the near noise field of a turbojet engine	Lassiter, Leslie W; Hess, Robert W	1-Sep-57	19930085073	NACA-TN-4076
Effects of aspect ratio on air flow at high subsonic Mach numbers	Lindsey, W F; Humphreys, Milton D	4-Oct-48	19930085494	NACA-RM-L8G23
Estimated deceleration of airplane nose section jettisoned at various altitudes and airspeeds	Scher, Stanley H	8-Jan-51	19930086482	NACA-RM-L50K09
An analytical study of the comparative performance of four air-induction systems for turbojet-powered airplanes designed to operate at Mach numbers up to 1.5	Blackaby, James R	17-Jun-52	19930087090	NACA-RM-A52C14
Calculation of lift and pitching moments due to angle of attack and steady pitching velocity at supersonic speeds for thin sweptback tapered wings with streamwise tips and supersonic leading and trailing edges	Martin, John C; Margolis, Kenneth; Jeffreys, Isabella	1-Jun-52	19930084017	NACA-TN-2699
Effects of several design variables on turbine-wheel weight	Lavalle, Vincent L; Huppert, Merle C	1-Feb-49	19930082488	NACA-TN-1814
Experimental study of the effects of finite surface disturbances and angle of attack on the laminar boundary layer of an NACA 64A010 airfoil with area suction	Schwartzberg, Milton A; Braslow, Albert L	1-Oct-52	19930083496	NACA-TN-2796
Aerodynamic characteristics of a refined deep-step planing-tail flying-boat hull with various forebody and afterbody shapes	Riebe, John M; Naeseth, Rodger L	1-Jun-52	19930083047	NACA-TN-2489
The effect of various missile characteristics on airframe frequency response	Matthews, Howard F; Mcneill, Walter E	7-Jan-52	19930086929	NACA-RM-A51L17a
A study of several factors affecting the stability contributed by a horizontal tail at various vertical positions on a sweptback-wing airplane model	Foster, Gerald V; Griner, Roland F	28-Oct-49	19930085974	NACA-RM-L9H19
Linearized solution and general plastic behavior of thin plate with circular hole in strain-hardening range	Lee Wu, M H	1-Mar-51	19930082960	NACA-TN-2301
Component operating trends during acceleration and deceleration of two hypothetical two-spool turbojet engines	Dugan, James F , Jr	21-Apr-55	19930088816	NACA-RM-E54L28

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The effects of increasing the leading-edge radius and adding forward camber on the aerodynamic characteristics of a wing with 35 degrees of sweepback	Demele, Fred A; Sutton, Fred B	9-Feb-51	19930086468	NACA-RM-A50K28a
Time-history data of maneuvers performed by a Republic F-84F airplane during squadron operational training	Hamer, Harold A; Mayer, John P; Case, Donald B	22-Jul-57	19930089750	NACA-RM-L57E17
Analysis and preliminary design of an optical instrument for the measurement of drop size and free-water content of clouds	Malkus, Willem V R; Bishop, Richard H; Briggs, Robert O	1-Jun-48	19930082284	NACA-TN-1622
Investigation of rotating-stall limits in a supersonic turbofan engine	Dugan, James F , Jr	3-Oct-57	19930089829	NACA-RM-E57G26a
Evaluation of gust and draft velocities from flights of P-61C airplanes within thunderstorms July 31, 1947 to August 6, 1947 at Clinton County Army Air Field, Ohio	Funk, Jack	13-Feb-48	19930085362	NACA-RM-L8A20
A flight investigation of the practical problems associated with porous-leading-edge suction	Hunter, Paul A; Johnson, Harold I	1-Feb-54	19930083772	NACA-TN-3062
Use of the boundary layer of a cone to measure supersonic flow inclination	Moore, Franklin K	1-Jun-52	19930083356	NACA-TN-2723
Injection principles for liquid oxygen and heptane using nine-element injectors in an 1800-pound-thrust rocket engine	Neu, Richard F	18-Jul-57	19930089772	NACA-RM-E57E13
Correction of additional span loadings computed by the Weissinger seven-point method for moderately tapered wings of high aspect ratio	Deyoung, John; Barling, Walter H , Jr	1-Jul-55	19930084141	NACA-TN-3500
Effects of chemically active additives on boundary lubrication of steel by silicones	Murray, S F; Johnson, Robert L	1-Aug-54	19930083987	NACA-TN-3257
Dynamic corrosion of nickel at 1500 F by sodium hydroxide with various additives in a torrid circulating apparatus	Desmon, Leland G; Mosher, Don R	1-Mar-54	19930088161	NACA-RM-E53L03
Minimum wave drag for arbitrary arrangements of wings and bodies	Jones, Robert T	1-Feb-56	19930084234	NACA-TN-3530
An investigation of the effects of jet exhaust and Reynolds number upon the flow over the vertical stabilizer and rudder of the Douglas D-558-II research airplane at Mach numbers of 1.62, 1.93, and 2.41	Grigsby, Carl E	17-Jun-54	19930088297	NACA-RM-L54E03
Preliminary report on a study of separated flows in supersonic and subsonic streams	Chapman, Dean R; Kuehn, Donald M; Larson, Howard K	12-Jun-56	19930089000	NACA-RM-A55L14
Low-Speed pressure-distribution and flow investigation for a large pitch and yaw range of three low-aspect-ratio pointed wings having leading edge swept back 60 degrees and biconvex sections	May, Ralph W , Jr; Hawes, John G	18-Nov-49	19930086061	NACA-RM-L9J07
Experimental study and analysis of loading and pressure distributions on delta wings due to thickness and to angle of attack at supersonic speeds	Boatright, William B	26-Dec-56	19930089543	NACA-RM-L56I14
Some flight data for the Chance Vought Regulus II missile : TED No. NACA AD 398	Wineman, Andrew R	23-Apr-56	19930089351	NACA-RM-SL56D02
Heat transfer on an afterbody immersed in the separated wake of a hemisphere	Nielsen, Helmer V	30-Jan-58	19930090400	NACA-RM-A57K07a

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Matching of auxiliary inlets to secondary-air requirements of aircraft ejector exhaust nozzles	Hearth, Donald P; Englert, Gerald W; Kowalski, Kenneth L	16-Aug-55	19930088670	NACA-RM-E55D21
Wind-tunnel oscillation tests of the Bendix-Friez aerovane anemometer	Fisher, Lewis R	11-Aug-53	19930087792	NACA-RM-SL53G30a
Fundamental aging effects influencing high-temperature properties of solution-treated Inconel X	Frey, D N; Freeman, J W; White, A E	1-Jun-51	19930087860	NACA-TN-2385
Effect of stress-solvent crazing on tensile strength of polymethyl methacrylate	Axilrod, B M; Sherman, Martha A	1-Aug-51	19930083062	NACA-TN-2444
Effect of blade-tip crossover passages on natural-convection water-cooling of gas-turbine blades	Zalabak, Charles F; Curren, Arthur N	2-Mar-56	19930089208	NACA-RM-E55K21a
Some fundamental aspects of nitric acid oxidants for rocket applications	Ladanyi, Dezso J; Miller, Riley O; Karo, Wolf; Feiler, Charles E	14-Jan-53	19930087338	NACA-RM-E52J01
Altitude performance of J71-A-2(600-D1) turbojet engine	Smith, Ivan D; Sivo, Joseph N	28-Dec-56	19930089217	NACA-RM-E56B16
Investigation of a 1/22-scale model of the Republic F-105 airplane in the Langley 8-foot transonic tunnel : static longitudinal stability and control and performance characteristics at transonic speeds	Luoma, Arvo A	26-Apr-56	19930089344	NACA-RM-SL56D12
Preliminary flight measurements of the static longitudinal stability and stalling characteristics of the Douglas D-558-II research airplane (BuAero No. 37974)	Sjoberg, S A; Champine, R A	18-Oct-49	19930085989	NACA-RM-L9H31a
Cascade investigation of cooling characteristics of a cast-finned air-cooled turbine blade for use in a turboprop engine	Stepka, Francis S; Richards, Hadley T; Hickel, Robert O	12-Jun-57	19930089787	NACA-RM-E57D19
Free oscillations of an atmosphere in which temperature increases linearly with height	Pekeris, C L	1-Oct-50	19930082856	NACA-TN-2209
Investigation of 16-inch impulse-type supersonic compressor rotor with turning past axial direction	Jacklitch, John J , Jr; Hartmann, Melvin J	6-Jul-53	19930087826	NACA-RM-E53D13
Aerodynamic characteristics at supersonic speeds of a series of wing-body combinations having cambered wings with an aspect ratio of 3.5 and a taper ratio of 0.2 : effect at M = 2.01 of nacelle shape and position on the aerodynamic characteristics in	Driver, Cornelius	25-Jul-52	19930090590	NACA-RM-L52F03
Experimental investigation of a method of wave-drag reduction for combinations employing quasicylindrical bodies and swept wings at supersonic speeds	Hickey, Daniel P	19-Feb-57	19930089500	NACA-RM-A56I18
The damping in roll of rocket-powered test vehicles having rectangular wings with NACA 65-006 and symmetrical double-wedge airfoil sections of aspect ratio 4.5	Dietz, Albert E; Edmondson, James L	29-Mar-50	19930086285	NACA-RM-L50B10
Time histories of maneuvers performed with an F-86A airplane during squadron operations	Hamer, Harold A; Henderson, Campbell	11-Feb-52	19930087962	NACA-RM-L51K30
Flight investigation at large angles of attack of the static-pressure errors of a service Pitot-static tube having a modified orifice configuration	Gracey, William; Scheithauer, Elwood F	1-Feb-54	19930083878	NACA-TN-3159

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An evaluation of the soap-bubble method for burning velocity measurements using ethylene-oxygen-nitrogen and methane-oxygen-nitrogen mixtures	Simon, Dorothy M; Wong, Edgar L	1-Feb-54	19930083831	NACA-TN-3106
Investigation of performance of turbojet engine with constant- and variable-area exhaust nozzles	Wallner, Lewis E	26-Nov-48	19930085502	NACA-RM-E8J25d
Friction coefficients in a vaneless diffuser	Brown, Byron	1-May-47	19930081992	NACA-TN-1311
Stability of Alclad plates	Buchert, Kenneth P	1-Dec-49	19930082706	NACA-TN-1986
Comparison of the experimental and theoretical distribution of lift on a slender inclined body of revolution at M = 2	Perkins, Edward W; Kuehn, Donald M	25-Aug-53	19930087544	NACA-RM-A53E01
Effect of brake forming in various tempers on the strength of Alclad 75S-T aluminum-alloy sheet	Woods, Walter; Heimerl, George J	1-Jan-47	19930081872	NACA-TN-1162
Characteristics of a transonic test section with various slot shapes in the Langley 8-foot high-speed tunnel	Wright, Ray H; Ritchie, Virgil S	18-Oct-51	19930086843	NACA-RM-L51H10
A method for the determination of the time lag in pressure measuring systems incorporating capillaries	Sinclair, Archibald R; Robins, A Warner	1-Sep-52	19930083485	NACA-TN-2793
Steady-state and surge characteristics of a compressor equipped with variable inlet guide vanes operating in a turbojet engine	Wallner, Lewis E; Lubick, Robert J	20-Jun-55	19930088496	NACA-RM-E54I28
Design and test of mixed-flow impellers III : design and experimental results for impeller model MFI-2A and comparison with impeller model MFI-1A	Hamrick, Joseph T; Osborn, Walter M; Beede, William L	10-Mar-53	19930087588	NACA-RM-E52L22a
Temperature recovery factors on a slender 12 degree cone-cylinder at Mach numbers from 3.0 to 6.3 and angles of attack up to 45 degrees	Reller, John O; Hamaker, Frank M	3-Oct-55	19930088868	NACA-RM-A55G20
Simplified procedures and charts for the rapid estimation of bending frequencies of rotating beams	Yntema, Robert T	1-Jun-55	19930084187	NACA-TN-3459
A theoretical and experimental investigation of the influence of temperature gradients on the deformation and burst speeds of rotating disks	Wilterdink, P I; Holms, A G; Manson, S S	1-Oct-52	19930083521	NACA-TN-2803
The effects of target and missile characteristics on theoretical minimum miss distance for a beam-rider guidance system in the presence of noise	Stewart, Elwood C; Druding, Frank; Nishiura, Togo	10-Feb-58	19930089891	NACA-RM-A57F26
A study of hypersonic small disturbance theory	Van Dyke, Milton D	1-May-54	19930083893	NACA-TN-3173
General solutions of optimum problems in nonstationary flight	Miele, Angelo	1-Oct-55	19930093842	NACA-TM-1388
Investigation of ceramic, graphite, and chrome-plated graphite nozzles on rocket engine	Kinney, George R; Lidman, William G	7-Mar-49	19930085517	NACA-RM-E8L16
Multiple-film back-reflection camera for atomic strain studies	Marmo, Anthony B	1-Nov-50	19930082871	NACA-TN-2224
Effects of leading-edge radius on the longitudinal stability of two 45 degree sweptback wings as influenced by Reynolds numbers up to $8.20 \times 10^{(exp 6)}$ and Mach numbers up to 0.303	Foster, Gerald V; Schneider, William C	28-Jul-55	19930088764	NACA-RM-L55F06
A rapid graphical method for computing the pressure distribution at supersonic speeds on a slender arbitrary body of revolution	Thompson, Jim Rogers	1-Jan-49	19930082441	NACA-TN-1768

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Performance of 24-inch supersonic axial-flow compressor in air I : performance of compressor rotor at design tip speed of 1600 feet per second	Ritter, William K; Johnsen, Irving A	17-May-48	19930085858	NACA-RM-E7L10
The problem of reducing the speed of a jet transport in flight	Davis, Don D , Jr	1-Dec-55	19930084333	NACA-TN-3613
Performance comparison of three canard-type ram-jet missile configurations at Mach numbers from 1.5 to 2.0	Fradenburgh, Evan A; Kremzier, Emil J	14-Aug-53	19930087603	NACA-RM-E53F11
Experimental investigation to determine the loads on a horizontal tail of a model caused by a blast-induced gust	Pierce, Harold B; Spahl, Raymond J	29-Mar-57	19930090220	NACA-RM-L57A28a
Aerodynamic characteristics at subsonic and transonic speeds of a 42.7 degree sweptback wing model having an aileron with finite trailing-edge thickness	Lockwood, Vernard E; Vogler, Raymond D; Turner, Thomas R	12-Jan-49	19930085485	NACA-RM-L8K02
Wind-tunnel investigation of a systematic series of modifications to a flying-boat hull	Fullmer, Felicien F	1-May-48	19930082228	NACA-TN-1576
Forces and pitching moments on an aspect-ratio-3.1 wing-body combination at Mach numbers from 2.5 to 3.5 and sublimation studies of the effect of single-elements roughness on the boundary-layer flow	Hopkins, Edward J; Keating, Stephen J , Jr; Muhl, Richard R	26-Aug-58	19930090152	NACA-RM-A58E21a
Theoretical performance of liquid ammonia, hydrazine and mixture of liquid ammonia and hydrazine as fuels with liquid oxygen bifluoride as oxidant for rocket engines : I- mixture of liquid ammonia and hydrazine	Huff, Vearl N; Gordon, Sanford	20-Feb-52	19930087889	NACA-RM-E51L11
Transonic flow past a wedge profile with detached bow wave : details of analysis	Vincenti, Walter G; Wagoner, Cleo B	1-Dec-51	19930083411	NACA-TN-2588
Discussion of three-dimensional oscillating air forces based on wind-tunnel measurements	Clevenson, Sherman A; Leadbetter, Sumner A; Tuovila, Weimer J	30-Jun-53	19930087561	NACA-RM-L53E18a
Effect of drawbar upstream location on air velocity distribution at the inlet face of reactor segment designed by the General Electric Company	Nagey, T F; Sams, E W	1-Jan-53	19930089067	NACA-RM-E52L22
Preliminary investigation of the performance of a single tubular combustor at pressure up to 12 atmospheres	Wear, Jerrold D; Butze, Helmut F	28-Jan-54	19930088003	NACA-RM-E53K09
Preliminary experimental investigation of transpiration cooling for an afterburner with a sintered, porous stainless-steel combustion-chamber wall	Koffel, William K	8-Jun-53	19930087809	NACA-RM-E53D08
Experimental investigation of drag of afterbodies with exiting jet at high subsonic Mach numbers	Salmi, Reino J	29-Nov-54	19930088483	NACA-RM-E54I13
Component performance of J71-A-2(600-D1) turbojet engine at several Reynolds number indices	Seashore, Ferris L; Corrington, Lester C	28-Dec-56	19930089225	NACA-RM-E56B14
Transonic investigation at lifting conditions of streamline contouring in the sweptback-wing-fuselage juncture in combination with the transonic area rule	Palmer, William E; Howell, Robert R; Braslow, Albert L	20-Jul-56	19930089285	NACA-RM-L56D11a
Properties of low-aspect-ratio pointed wings at speeds below and above the speed of sound	Jones, Robert T	1-Jan-46	19930084600	NACA-TN-1032
Wind-tunnel investigation at high and low subsonic Mach numbers of a thin sweptback wing having an airfoil section designed for high maximum lift	Racisz, Stanley F; Paradiso, Nicholas J	26-Feb-52	19930087945	NACA-RM-L51L04

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Measurements of pressure and temperature for appraisal of the temperature method of airspeed calibration in the lower stratosphere	Lina, Lindsay J	1-Mar-54	19930083743	NACA-TN-3075
Temperature survey of the wake of two closely located parallel jets	Sloop, John L; Morrell, Gerald	6-Feb-50	19930086006	NACA-RM-E9I21
High-temperature lubricants and bearings for aircraft turbine engine		19-Jul-54	19930088272	NACA-RM-E54D27
The unsteady normal-force characteristics of selected NACA profiles at high subsonic Mach numbers	Polentz, Perry P; Page, William A; Levy, Lionel L , Jr	27-May-55	19930088791	NACA-RM-A55C02
Aerodynamic damping at Mach numbers of 1.3 and 1.6 of a control surface on a two-dimensional wing by a free-oscillation method	Tuovila, W J; Hess, Robert W	1-May-56	19930089191	NACA-RM-L56A26A
A method for estimating the rolling moments caused by wing-tail interference for missiles at supersonic speeds	Edwards, Sherman; Hikido, Katsumi	12-Nov-53	19930087843	NACA-RM-A53H18
Aerodynamic characteristics of two flat-bottomed bodies at Mach number of 3.12	Jack, John R; Moskowitz, Barry	2-Apr-54	19930088112	NACA-RM-E53L11b
Section characteristics of the NACA 0006 airfoil with leading-edge and trailing-edge flaps	Gambucci, Bruno J	1-Dec-56	19930084531	NACA-TN-3797
Longitudinal stability and trim of two rocket propelled airplane models having 45 degree sweptback wings and tails with the horizontal tail mounted in two positions	Parks, James H; Kehlet, Alan B	9-Dec-53	19930087979	NACA-RM-L53J12a
Effect of aerodynamic hysteresis on critical flutter speed at stall	Mendelson, Alexander	18-Jun-48	19930085553	NACA-RM-E8B04
Theory of aircraft structural models subject to aerodynamic heating and external loads	O'Sullivan, William J , Jr	1-Sep-57	19930084901	NACA-TN-4115
A survey of the aircraft-noise problem with special reference to its physical aspects	Hubbard, Harvey H	1-May-52	19930083236	NACA-TN-2701
Tabulation of mass-flow parameters for use in design of turbomachine blade rows for ratios of specific heats of 1.3 and 1.4	Whitney, Warren J	1-Oct-56	19930084555	NACA-TN-3831
An approximate method for estimating the incompressible laminar boundary-layer characteristics on a flat plate in slipping flow	Donaldson, Coleman Dup	2-May-49	19930085875	NACA-RM-L9C02
Wind-tunnel investigation of an NACA 65-210 semispan wing equipped with circular plug ailerons and a full-span slotted flap	Fischel, Jack	1-Jan-49	19930082477	NACA-TN-1802
Arrangement of fusiform bodies to reduce the wave drag at supersonic speeds	Friedman, Morris D; Cohen, Doris	1-Nov-54	19930084176	NACA-TN-3345
The effects of various parameters including Mach number on propeller blade flutter with emphasis on stall flutter	Baker, John E	31-Jan-51	19930086505	NACA-RM-L50L12b
Effect of fuel additives on carbon deposition in a J33 single combustor IV : nine oxygen-bearing compounds	Jonash, Edmund R; Cook, William P; Wear, Jerrold D	23-Feb-56	19930088916	NACA-RM-E55J31
Water-landing investigation of a flat-bottom v-step model and comparison with a theory incorporating planing data	Miller, Robert W	1-May-53	19930083603	NACA-TN-2932

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The effects on the aerodynamic characteristics of varying the wing thickness ratio of a triangular wing-body configuration at transonic speeds from tests by the NACA wing-flow method	Hall, Albert W; Mckay, James M	2-Apr-52	19930087023	NACA-RM-L52B18
Simulated afterburner performance with hydrogen peroxide injection for thrust augmentation	Metzler, Allen J; Grobman, Jack S	22-Oct-56	19930089596	NACA-RM-E56G27a
Analysis of longitudinal stability and trim of the Bell X-1 airplane at a lift coefficient of 0.3 to Mach numbers near 1.05	Drake, Hubert M; Carden, John R; Clagett, Harry P	9-Oct-51	19930086697	NACA-RM-L51H01
Effects of additives on pressure limits of flame propagation of propane-air mixtures	Belles, Frank E; Simon, Dorothy M	18-Dec-53	19930088034	NACA-RM-E53I29
Free-flight investigation to obtain drag-at-lift and stability data for a 60 degree delta-wing-body configuration over a Mach number range of 1.3 to 1.6	Welsh, Clement J	6-Oct-55	19930088853	NACA-RM-L55G14
Investigation of two short annular diffuser configurations utilizing section and injection as a means of boundary-layer control	Wilbur, Langley W; Higginbotham, James T	25-Jan-55	19930088513	NACA-RM-L54K18
Aerodynamic characteristics of three deep-step planing-tail flying-boat hulls and a transverse-step hull with extended afterbody	Riebe, John M; Naeseth, Rodger L	1-Aug-52	19930083538	NACA-TN-2762
Langley full-scale-tunnel investigation of the factors affecting the static lateral-stability characteristics of a typical fighter-type airplane	Lange, Roy H	15-Apr-47	19930093787	NACA-RM-L6L18
Performance tests of wire strain gages V : error in indicated bending strains in thin sheet metal due to thickness and rigidity of gage	Campbell, W R; Medbery, A F	1-Jul-47	19930082052	NACA-TN-1318
Experimental investigation of air-cooled turbine blades in turbojet engine X : endurance evaluation of several tube-filled rotor blades	Esgar, Jack B; Clure, John L	8-May-52	19930087083	NACA-RM-E52B13
Static and fatigue strengths of high-strength aluminum-alloy bolted joints	Hartmann, E C; Holt, Marshall; Eaton, I D	1-Feb-51	19930082954	NACA-TN-2276
Effect of fuselage and tail surfaces on low-speed yawing characteristics of a swept-wing model as determined in curved-flow test section of Langley stability tunnel	Bird, John D; Cowan, John W; Jaquet, Byron M	31-Aug-48	19930085434	NACA-RM-L8G13
Drag coefficients for droplets and solid spheres in clouds accelerating in airstreams	Ingebo, Robert D	1-Sep-56	19930084446	NACA-TN-3762
Supplementary analysis of the dynamic lateral stability characteristics of the Bell X-2 airplane as affected by variations in mass and aerodynamic parameters	Michael, William H , Jr; Queijo, M J	26-Jun-50	19930086205	NACA-RM-L50E08
Experimental investigation of a conservatively designed turbine at four rotor-blade solidities	Heller, Jack A; Whitney, Rose L; Cavicchi, Richard H	17-Jul-52	19930087113	NACA-RM-E52C17
Method for calculation of ram-jet performance	Henry, John R; Bennett, J Buel	1-Jun-51	19930083093	NACA-TN-2357
Effect of variation in rivet diameter and pitch on the average stress at maximum load for 24S-T3 and 75S-T6 aluminum-alloy, flat, Z-stiffened panels that fail by local instability	Dow, Norris F; Hickman, William A	1-Jul-50	19930082760	NACA-TN-2139

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Rolling effectiveness of all-movable wings at small angles of incidence at Mach numbers from 0.6 to 1.6	Strass, H Kurt; Marley, Edward, T	9-Oct-51	19930086780	NACA-RM-L51H03
Techniques for determining thrust in flight for airplanes equipped with afterburners	Rolls, L Stewart; Havill, C Dewey; Holden, George R	19-Jan-53	19930087373	NACA-RM-A52K12
Rapid estimation of bending frequencies of rotating beams	Yntema, Robert T	18-Aug-54	19930090502	NACA-RM-L54G02
Calorimetric determination of constant-pressure specific heats of carbon dioxide at elevated pressures and temperatures	Schrock, Virgil E	1-Dec-52	19930083564	NACA-TN-2838
Convection of a pattern of vorticity through a shock wave	Ribner, H S	1-Jan-53	19930083656	NACA-TN-2864
Investigation of an afterburning ramjet using gaseous hydrogen as fuel at Mach number of 3.0	Wasserbauer, Joseph F	17-Jun-57	19930089700	NACA-RM-E57C29
Wing pressure-distribution measurements up to 0.866 Mach number in flight on a jet-propelled airplane	Brown, Harvey H; Clousing, Lawrence A	1-Mar-47	19930081954	NACA-TN-1181
Handbook of structural stability part II : buckling of composite elements	Becker, Herbert	1-Jul-57	19930084506	NACA-TN-3782
Comparison of two fuels in bumblebee 18-inch ram jet incorporating rake-type flame holder	Howard, Ephraim M; Wilcox, Fred A	18-Aug-48	19930085423	NACA-RM-E8F11
An investigation of additional requirements for satisfactory elevator control characteristics	Phillips, William H	1-Jun-46	19930081725	NACA-TN-1060
The effects of various parameters on the load at which spray enters the propellers of a flying boat	Dawson, John R; Walter, Robert C	1-May-46	19930081682	NACA-TN-1056
Critical axial-compressive stress of a curved rectangular panel with a central longitudinal stiffener	Schildcrout, Murry; Stein, Manuel	1-May-49	19930082556	NACA-TN-1879
Impact-loads investigation of a chine-immersed model having a longitudinally curved bow and a v-bottom with a dead-rise angle of 30 degrees	Edge, Philip M , Jr; Mixson, John S	1-Sep-57	19930084848	NACA-TN-4106
Wind-tunnel technique for simultaneous simulation of external flow field about nacelle inlet and exit airstreams at supersonic speeds	Englert, Gerald W; Luidens, Roger W	1-Jan-57	19930084712	NACA-TN-3881
Flight investigation of nine reduced-scale (1:3.75) Hermes A-2S rocket-motor test vehicles	Falanga, Ralph A	16-Sep-53	19930093813	NACA-RM-SL53H11
Internal film cooling experiments in 4-inch duct with gas temperatures to 2000 F	Kinney, George R; Sloop, John L	21-Sep-50	19930086218	NACA-RM-E50F19
Low-speed static lateral stability characteristics of a canard model having a 60 degrees triangular wing and horizontal tail	Bates, William R	23-Nov-49	19930086094	NACA-RM-L9J12
Performance comparison at supersonic speeds of inlets spilling excess flow by means of bow shock, conical shock, or bypass	Allen, J L; Beke, Andrew	23-Oct-53	19930087686	NACA-RM-E53H11
Material compatibility with gaseous fluorine	Price, Harold G , Jr; Douglass, Howard W	23-Jan-57	19930089647	NACA-RM-E56K21
Altitude investigation of several afterburners using standard engine tail-pipe dimensions	Conrad, William; Prince, William R; Campbell, Carl E	14-Jul-54	19930088326	NACA-RM-E54G14
The use of cones as stabilizing and control surfaces at hypersonic speeds	Love, Eugene S	12-Aug-57	19930089761	NACA-RM-L57F14

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Performance investigation of can-type combustor I : instrumentation, altitude operational limits and combustion efficiency	Cook, William P; Zettle, Eugene V	16-Sep-48	19930085440	NACA-RM-E8F17
Preliminary investigation of heat transfer to water flowing in an electrically heated Inconel tube	Kaufman, Samuel J; Isely, Francis D	27-Sep-50	19930086328	NACA-RM-E50G31
Results obtained during accelerated transonic tests of the Bell XS-1 airplane in flights to a Mach number of 0.92	Drake, Hubert M; Mclaughlin, Milton D; Goodman, Harold R	19-Apr-48	19930085320	NACA-RM-L8A05a
NACA 65-series compressor rotor performance with varying annulus-area ratio, solidity, blade angle, and Reynolds number and comparison with cascade results	Schulze, Wallace M; Ashby, George C , Jr; Erwin, John R	19-Feb-53	19930084489	NACA-RM-L52L17
Altitude performance characteristics of tail-pipe burner with convergingconical burner section on J47 turbojet engine	Prince, William R; Mcaulay, John E	19-Dec-50	19930086235	NACA-RM-E50G13
Investigation of transient pool boiling due to sudden large power surge	Cole, Robert	1-Dec-56	19930084729	NACA-TN-3885
Analytical determination of effect of turbine cooling-air-impeller performance on engine performance and comparison of experimentally determined performance of impellers with and without inducer vanes	Schafer, Louis J , Jr; Hickel, Robert O	25-Oct-54	19930088358	NACA-RM-E54H12
High-speed aerodynamic characteristics of a model tail plane with modified NACA 65-010 sections and 0 degree and 45 degrees sweepback	Anderson, Joseph L; Martin, Andrew	12-Jan-48	19930085754	NACA-RM-A7J22
Theoretical investigation of the dynamic lateral stability characteristics of Douglas design No. 39C, an early version of the X-3 research airplane	Bennett, Charles V	18-Jan-49	19930085567	NACA-RM-L8L31
A study of metal transfer between sliding surfaces	Sakmann, B W; Grossman, N; Irvine, John W , Jr	1-Sep-47	19930081980	NACA-TN-1355
A transonic wind-tunnel investigation of the effect of modifications to an indented body in combination with a 45 degree sweptback wing	Loving, Donald L	22-Sep-53	19930087694	NACA-RM-L53F02
Flight tests of a two-dimensional wedge diffuser at transonic and supersonic speeds	Faget, M A	11-Aug-48	19930085390	NACA-RM-L8E27
Heat loss from yawed hot wires at subsonic Mach numbers	Sandborn, Virgil A; Laurence, James C	1-Sep-55	19930084289	NACA-TN-3563
Analysis of laminar incompressible flow on semiporous channels	Donoughe, Patrick L	1-Aug-56	19930084695	NACA-TN-3759
An analysis of surface pressures and aerodynamic load distribution over the swept wing of the Douglas D-558-II research airplane at Mach numbers from 0.73 to 1.73	Taillon, Norman V	21-Apr-58	19930090061	NACA-RM-H58A30
Compressive strength of 24S-T aluminum-alloy flat panels with longitudinal formed hat-section stiffeners having a ratio of stiffener thickness to skin thickness equal to 1.00	Hickman, William A; Dow, Norris F	1-Sep-47	19930082069	NACA-TN-1439
Near noise field of a jet-engine exhaust II : cross correlation of sound pressures	Callaghan, Edmund E; Howes, Walton L; Coles, Willard D	1-Sep-56	19930084452	NACA-TN-3764
Thermodynamic charts for the computation of combustion and mixture temperatures at constant pressure	Turner, Richard L; Lord, Albert M	1-Jun-46	19930081968	NACA-TN-1086

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Cooperative investigation of relationship between static and fatigue properties of heat-resistant alloys at elevated temperatures		7-Mar-51	19930086819	NACA-RM-51A04
Effect of inlet-annulus area blockage on over-all performance and stall characteristics of an experimental 15-stage axial-flow compressor	Lucas, James G; Finger, Harold B; Filippi, Richard E	11-May-54	19930090478	NACA-RM-E53L28
Effects of a series of inboard plan-form modifications on the longitudinal characteristics of two 47 degree sweptback wings of aspect ratio 3.5, taper ratio 0.2, and different thickness distributions at Mach numbers of 1.61 and 2.01	Cooper, Morton; Sevier, John R , Jr	17-Jul-53	19930087662	NACA-RM-L53E07a
Flight testing by radio remote control flight evaluation of a beep control system	Turner, Howard L; White, John S; Van Dyke, Rudolph D , Jr	23-Apr-52	19930086953	NACA-RM-A52A29
Effect of liner air-entry holes, fuel state, and combustor size on performance of an annular turbojet combustor at low pressures and high air-flow rates	Norgren, Carl T; Childs, J Howard	13-Jan-53	19930087412	NACA-RM-E52J09
Performance tests of wire strain gages VI : effect of temperature on calibration factor and gage resistance	Campbell, William R	1-Jan-48	19930082092	NACA-TN-1456
Performance of Inconel 739 buckets in J33-9 turbojet engine	Gyorgak, C A; Johnston, J R	8-Oct-56	19930089422	NACA-RM-E56E24
Cumulative fatigue damage at elevated temperature	Rey, William K	1-Sep-58	19930085101	NACA-TN-4284
Theoretical and experimental investigation of heat transfer by laminar natural convection between parallel plates	Lietzke, A F	1-Dec-54	19930084113	NACA-TN-3328
Theoretical evaluation of methods of cooling the blades of gas turbines	Sanders, J C; Mendelson, Alexander	11-Feb-47	19930085679	NACA-RM-E7B11g
Free-flight investigation to determine some effects of tail damping and wing-tail interference on the rolling effectiveness of ailerons and a spoiler on a modified-delta wing at Mach numbers from 0.6 to 1.5	English, Roland D	10-May-57	19930089655	NACA-RM-L57C13
An improved photoelastic method for determining plane stresses	Norris, C B; Voss, A W	1-Jan-48	19930082061	NACA-TN-1410
An experimental study of a method of designing the sweptback wing-fuselage juncture for reducing the drag at transonic speeds	Howell, Robert R; Braslow, Albert L	23-Feb-55	19930088563	NACA-RM-L54L31a
Flight performance of a twin-engine supersonic ram jet from 2,300 to 67,200 feet altitude	Dettwyler, H Rudolph; Bond, Aleck C	19-Feb-51	19930090393	NACA-RM-L50L27
Flight investigation of the effect of control centering springs on the apparent spiral stability of a personal-owner airplane	Campbell, John P; Hunter, Paul A; Hewes, Onald E; Whitten, James B	1-Jul-51	19930083229	NACA-TN-2413
Experimental investigation of creep bending and buckling of thin circular cylindrical shells	Erickson, Burton ;; Patel, Sharad A ;; French, Francis W ;; Lederman, Samuel ;; Hoff, N J :	23-Jul-57	19930090126	NACA-RM-57E17
Free-flight investigation of the zero-lift drag of several wings at supersonic Mach numbers extending to 2.6	Hopko, Russell N; Sandahl, Carl A	2-Dec-52	19930086997	NACA-RM-L52D29
A comparison of two methods for calculating transient temperatures for thick walls	Buglia, James J; Brinkworth, Helen	1-Aug-58	19930085251	NACA-TN-4343
Drag measurements of a 34 degree swept-forward and swept-back NACA 65-009 airfoil of aspect ratio 2.7 as determined by flight tests at supersonic speeds	Alexander, Sidney R	20-Feb-47	19930085653	NACA-RM-L6I11

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A review of analytical methods for the treatment of flows with detached shocks	Busemann, Adolf	1-Apr-49	19930082530	NACA-TN-1858
Altitude starting characteristics of the J71-A2 (X-29) turbojet engine	Sivo, Joseph N; Braithwaite, Willis M	11-Jul-55	19930088838	NACA-RM-E55G08
Flow-Field Effects on Static Stability and Control at High Supersonic Mach Numbers	Ulmann, Edward F; Ridyard, Herbert W	8-Mar-56	19930089122	NACA-RM-L55L19a
Full-scale investigation of the aerodynamic characteristics of a typical single-rotor helicopter in forward flight	Dingeldein, Richard C; Schaefer, Raymond F	1-May-47	19930081906	NACA-TN-1289
Lift, drag, and pitching moment of low-aspect-ratio wings at subsonic and supersonic speeds : plane 45 degree swept-back wing of aspect ratio 3, taper ratio 0.4 with 3-percent-thick, biconvex section	Heitmeyer, John C	20-Sep-51	19930086831	NACA-RM-A51H10
Measurements of aerodynamic heat transfer on a 15 degree cone-cylinder-flare configuration in free flight at Mach numbers up to 4.7	Rumsey, Charles B; Lee, Dorothy B	22-Jan-58	19930090073	NACA-RM-L57J10
Hydrodynamic characteristics of a model of a proposed six-engine hull-type seaplane designed for supersonic flight	Coffee, Claude W , Jr	14-Jul-58	19930090160	NACA-RM-L58E13
Flutter characteristics at transonic speeds of a 45 degree sweptback wing with and without inboard modifications at the leading and trailing edges	Sellers, Thomas B; Land, Norman S	9-Jan-57	19930089454	NACA-RM-L56I28
Subsonic Mach and Reynolds number effects on the surface pressures, gap flow, pressure recovery, and drag of a nonrotating NACA 1-series E-type cowling at an angle of attack of 0 degrees	Reynolds, Robert M; Sammonds, Robert I	17-Jul-51	19930086687	NACA-RM-A51E03
Aerodynamic study of a wing-fuselage combination employing a wing swept back 63 degrees : effect of Reynolds number at supersonic Mach numbers on the longitudinal characteristics of a wing twisted and cambered for uniform load	Heitmeyer, John C	9-Oct-50	19930086361	NACA-RM-A50G10
A recurrence matrix solution for the dynamic response of aircraft in gusts	Houbolt, John C	1-Mar-50	19930082898	NACA-TN-2060
Equations and charts for the rapid estimation of hinge-moment and effectiveness parameters for trailing-edge controls having leading and trailing edges swept ahead of the Mach lines	Goin, Kenneth L	1-Nov-50	19930083132	NACA-TN-2221
An investigation of lamellar structures and minor phases in eleven cobalt-base alloys before and after heat treatment	Weeton, J W; Signorelli, R A	1-Mar-54	19930083842	NACA-TN-3109
Effect of fuel volatility on altitude starting limits of a turbojet engine	Wilsted, H D; Armstrong, J C	11-Sep-50	19930086370	NACA-RM-E50G10
Contribution to the problem of buckling of orthotropic plates, with special reference to plywood	Thielemann, Wilhelm	1-Aug-50	19930093967	NACA-TM-1263
Investigation of spark-over voltage - density relation for gas-temperature sensing	Koenig, Robert J; Cesaro, Richard S	1-May-50	19930082799	NACA-TN-2090
Investigation at supersonic speeds of external-drag effects and pumping characteristics of a short ejector	Love, Eugene S; O'Donnell, Robert M	14-Jun-55	19930088707	NACA-RM-L55D28
Some observations on maximum pressure rise across shocks without boundary-layer separation on airfoils at transonic speeds	Lindsey, Walter F; Johnston, Patrick J	1-Nov-56	19930084519	NACA-TN-3820

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Preparation and physical properties of metal slurry fuels	Gibbs, James B; Cook, Preston N , Jr	18-Mar-52	19930090448	NACA-RM-E52A23
Preliminary flight investigation of the maneuvering accelerations and buffet boundary of a 35 degree swept-wing airplane at high altitude and transonic speeds	Rathert, George A , Jr; Ziff, Howard L; Cooper, George E	21-Feb-51	19930086490	NACA-RM-A50L04
Three-degree-of freedom evaluation of the longitudinal transfer functions of a supersonic canard missile configuration including changes in forward speed	Seaberg, Ernest C	1-Dec-57	19930085149	NACA-TN-4192
Pressure distribution at low speed on a 1/4-scale bell X-5 airplane model	Kemp, William B , Jr; Few, Albert G , Jr	4-Dec-51	19930086901	NACA-RM-L51I25
Some dielectric properties of suspensions of boron powders in mineral oil	Altshuller, Aubrey P	18-Aug-55	19930088698	NACA-RM-E55F02
Experiments in external noise reduction of light airplanes	Beranek, Leo L; Elwell, Fred S; Roberts, John P	1-May-50	19930082752	NACA-TN-2079
A method for calculating flow fields of cowlings with known surface-pressure distributions	Boswinkle, Robert W , Jr	22-Nov-48	19930090358	NACA-RM-L8I17
Supersonic wave interference affecting stability	Love, Eugene S	1-Sep-58	19930085277	NACA-TN-4358
Investigation of the NACA 4-(3)(08)-03 two-blade propeller at forward Mach numbers to 0.925	Delano, James B; Morgan, Francis G , Jr	2-Nov-49	19930085996	NACA-RM-L9I06
Mechanical properties at room temperature of four cermets of titanium carbide with nickel binder	Johnson, Aldie E , Jr	1-Aug-54	19930084040	NACA-TN-3197
Preliminary investigation of a rectangular supersonic scoop inlet with swept sides designed for low drag at a Mach number of 2.7	Comenzo, Raymond J; Mackley, Ernest A	26-Nov-52	19930087347	NACA-RM-L52J02
The stability of the compression cover of box beams stiffened by posts	Seide, Paul; Barrett, Paul F	1-Aug-50	19930082982	NACA-TN-2153
Effects of wing-mounted external stores on the longitudinal and lateral handling qualities of the Douglas D-558-II research airplane	Fischel, Jack; Darville, Robert W; Reisert, Donald	28-Oct-57	19930090143	NACA-RM-H57H12
Experimental investigation of a transonic axial-flow-compressor rotor with double-circular-arc airfoil blade sections II : blade-element performance	Lewis, George W , Jr; Schwenk, Francis C	10-Jan-55	19930088432	NACA-RM-E54I08
An investigation of valve-overlap scavenging over a wide range of inlet and exhaust pressures	Creagh, John W R; Hartmann, Melvin J; Arthur, W Lewis, Jr	1-Nov-47	19930082129	NACA-TN-1475
The effects of sideslip, aspect ratio, and Mach number on the lift and pitching moment of triangular, trapezoidal, and related plan forms in supersonic flow	Jones, Arthur L; Sorenson, Robert M; Lindler, Elizabeth E	1-Aug-49	19930082594	NACA-TN-1916
Preliminary investigation of graphite, silicon carbide, and several polymer-glass-cloth laminates in a Mach number 2 air jet at stagnation temperatures of 3,000 F and 4,000 F	Casey, Francis W , Jr; Hopko, Russell N	9-Jan-58	19930089994	NACA-RM-L57K15
The effects of powered controls and fire-control systems on tracking accuracy	Rathert, George A , Jr; Abramovitz, Marvin; Gadeberg, Burnett L	26-May-55	19930088642	NACA-RM-A55D12a
Effect of forebody warp on the hydrodynamic qualities of a hypothetical flying boat having a hull length-beam ratio of 15	Carter, Arthur W; Weinstein, Irving	1-Mar-49	19930082513	NACA-TN-1828

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Longitudinal stability and control characteristics from a flight investigation of a cruciform canard missile configuration having an exposed wing-canard area ratio of 16:1	Moul, Martin T; Wineman, Andrew R	25-Jun-52	19930086980	NACA-RM-L52D24a
Normal component of induced velocity for entire field of a uniformly loaded lifting rotor with highly swept wake as determined by electromagnetic analog	Castles, Walter, Jr; Durham, Howard L , Jr; Kevorkian, Jirair	1-Jun-58	19930085195	NACA-TN-4238
Wind-tunnel investigation at low speed of the effects of symmetrical deflection of half-delta tip controls on the damping in roll and yawing moment due to rolling of a triangular-wing model	Wolhart, Water D	6-Apr-51	19930086770	NACA-RM-L51B09
Free-flight tests to determine the power-on and power-off pressure distribution and drag of the NACA RM-10 research vehicle at large Reynolds numbers between Mach numbers 0.8 and 3.0	Hoffman, Sherwood	20-Sep-55	19930088951	NACA-RM-L55H02
Theory of the inlet and exhaust processes of internal-combustion engines	Tsu, Tsung-Chi	1-Jan-49	19930082078	NACA-TN-1446
Contributions to the theory of the spreading of a free jet issuing from a nozzle	Szablewski, W	1-Nov-51	19930093919	NACA-TM-1311
Flight investigation of a mechanical feel device in an irreversible elevator control system of a large airplane	Brown, B Porter; Chilton, Robert G; Whitten, James B	1-Oct-51	19930083212	NACA-TN-2496
Effects of airplane flexibility on wing bending strains in rough air	Coleman, Thomas L; Press, Harry; Shufflebarger, C C	1-Jul-57	19930084886	NACA-TN-4055
Performance of a supersonic compressor with swept and tilted diffuser blades	Goldstein, Arthur W; Schacht, Ralph L	28-Mar-55	19930088546	NACA-RM-E54L29
Structural efficiencies of various aluminum, titanium, and steel alloys at elevated temperatures	Heimerl, George J; Hughes, Philip J	1-Jul-53	19930083648	NACA-TN-2975
Investigation with an interferometer of the flow around a circular-arc airfoil at mach numbers between 0.6 and 0.9	Wood, George P; Gooderum, Paul B	1-Oct-52	19930083514	NACA-TN-2801
Note on the importance of imperfect-gas effects and variation of heat capacities on the isentropic flow of gases	Donaldson, Coleman Dup	10-Dec-48	19930085478	NACA-RM-L8J14
Exploratory investigation of leading-edge chord-extensions to improve the longitudinal stability characteristics of two 52 degree sweptback wings	Furlong, G Chester	10-Mar-50	19930086211	NACA-RM-L50A30
Full-scale wind-tunnel tests of the longitudinal stability and control characteristics of the XV-1 convertiplane in the autorotating flight range	Hickey, David H	17-May-56	19930088539	NACA-RM-A55K21a
Flight investigation at Mach numbers from 0.6 to 1.7 to determine drag and base pressures on a blunt-trailing-edge airfoil and drag of diamond and circular-arc airfoils at zero lift	Morrow, John D; Katz, Ellis	11-Aug-50	19930086166	NACA-RM-L50E19a
Preliminary results from a free-flight investigation at transonic and supersonic speeds of the longitudinal stability and control characteristics of an airplane configuration with a thin straight wing of aspect ratio 3	Gillis, Clarence L; Peck, Robert F; Vitale, A James	14-Feb-50	19930086055	NACA-RM-L9K25a
Performance analysis of fixed- and free-turbine	Krebs, Richard P; Miller, William S , Jr	1-Jun-56	19930084440	NACA-TN-3654
Longitudinal trim and drag characteristics of rocket-propelled models representing two airplane configurations	Parks, Ames H; Mitchell, Jesse L	6-Feb-50	19930086322	NACA-RM-L9L22

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A low-speed experimental investigation of the effect of a sandpaper type of roughness on boundary-layer transition	Von Doenhoff, Albert E; Horton, Elmer A	1-Oct-56	19930084653	NACA-TN-3858
Practical calculation of second-order supersonic flow past nonlifting bodies of revolution	Van Dyke, Milton D	1-Jul-52	19930083480	NACA-TN-2744
Flight investigation of a combined geared unbalancing-tab and servotab control system as used with an all-movable horizontal tail	Mungall, Robert C	1-Dec-48	19930082436	NACA-TN-1763
Analysis of cooling limitations and effect of engine-cooling improvements on level-flight cruising performance of a four-engine heavy bomber	Bell, E Barton	1-Mar-46	19930093188	NACA-WR-E-275, NACA-MR-E6B07
A study of stall phenomena on a 45 degree swept-forward wing	Mccormack, Gerald M; Cook, Woodrow L	27-Jan-49	19930082472	NACA-TN-1797
Aerodynamic characteristics of two all-movable wings tested in the presence of a fuselage at a Mach number of 1.9	Conner, D William	28-Oct-48	19930090353	NACA-RM-L8H04
A study of the characteristics of human-pilot control response to simulated aircraft lateral motions	Cheatham, Donald C	20-May-52	19930087119	NACA-RM-L52C17
Effect of ground proximity on aerodynamic characteristics of two horizontal-attitude jet vertical-take-off-and-landing airplane models	Newsom, William A , Jr	12-Sep-57	19930089794	NACA-RM-L57G16
Performance evaluation of reduced-chord rotor blading as applied to J73 two-stage turbine : over-all performance with standard rotor blading at inlet conditions of 35 inches of mercury absolute and 700 R	Berkey, William E; Rebeske, John J , Jr; Forrette, Robert E	11-Jul-57	19930087245	NACA-RM-E52G31
Flight measurements of helicopter blade motion with a comparison between theoretical and experimental results	Myers, Garry C , Jr	1-Apr-47	19930081868	NACA-TN-1266
A numerical approach to the instability problem of monocoque cylinders	Boley, Bruno A; Kempner, Joseph; Mayers, J	1-Apr-51	19930083089	NACA-TN-2354
The subsonic aerodynamic characteristics of two double-wedge airfoil sections suitable for supersonic flight	Solomon, Joseph; Henney, Floyd W	12-May-47	19930085563	NACA-RM-A6G24
Effect of increase in afterbody length on the hydrodynamic qualities of a flying-boat hull of high length-beam ratio	Kapryan, Walter J; Clement, Eugene P	1-Apr-49	19930082526	NACA-TN-1853
Flight investigation of pentaborane fuel in 9.75-inch-diameter ram-jet engine at low equivalence ratio	Jones, Merle, L; Disher, John H	29-Mar-55	19930088571	NACA-RM-E54L02
An analysis of supersonic flow in the region of the leading edge of curved airfoils, including charts for determining surface-pressure gradient and shock-wave curvature	Kraus, Samuel	1-Jun-52	19930083374	NACA-TN-2729
Preliminary experimental investigation of the flight of a person supported by a jet thrust device attached to his feet	Zimmerman, C H; Hill, Paul R; Kennedy, T L	15-Jan-53	19930087124	NACA-RM-L52D10
A preliminary experimental investigation of a submerged cascade inlet	Christiani, R Duane; Randall, Lauros M	25-Mar-49	19930085905	NACA-RM-A9A24
Dynamic corrosion in an iron - stainless steel toroid by sodium at 900 F	Lad, Robert A	15-Jan-54	19930088225	NACA-RM-E54A27
Influence of tube-entrance configuration on average heat-transfer coefficients and friction factors for air flowing in an Inconel tube	Lowdermilk, Warren H; Grele, Milton D	23-Aug-50	19930086173	NACA-RM-E50E23

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Preliminary investigation of the effects of several seeker-nose configurations on the longitudinal characteristics of a canard-type missile at a Mach number of 1.60	Robins, A Warner	30-Oct-53	19930087897	NACA-RM-L53I18
Low-speed longitudinal aerodynamic characteristics of a 45 degree sweptback wing with double slotted flaps	Naeseth, Rodger L	10-Apr-56	19930089309	NACA-RM-L56A10
Preliminary investigation of an asymmetric swept nose inlet of circular projection at Mach number 3.85	Connors, James F; Woollett, Richard R	11-Oct-54	19930088441	NACA-RM-E54G26
Static-pressure error of an airspeed installation on an airplane in high-speed dives and pullouts	Wood, Clotaire	1-Feb-46	19930093491	NACA-WR-L-43, NACA-RB-L5K29a
Nonmetallic Material Compatibility with Liquid Fluorine	Price, Harold G , Jr; Douglass, Howard W	2-Oct-57	19930089799	NACA-RM-E57G18
A theoretical and experimental investigation of the effects of yaw on pressures, forces, and moments during seaplane landings and planing	Smiley, Robert F	1-Nov-52	19930083592	NACA-TN-2817
On the particular integrals of the Prandtl-Busemann iteration equations for the flow of a compressible fluid	Kaplan, Carl	1-Aug-50	19930083099	NACA-TN-2159
A preliminary analysis of the magnitude of shock losses in transonic compressors	Schwenk, Francis C; Lewis, George W; Hartmann, Melvin J	29-Mar-57	19930089514	NACA-RM-E57A30
Tests of submerged duct installation on a modified airplane in the Ames 40- by 80-foot wind tunnel	Martin, Norman J	11-Dec-47	19930085800	NACA-RM-A7I29
Supersonic wave drag of nonlifting sweptback tapered wings with Mach lines behind the line of maximum thickness	Margolis, Kenneth	1-Aug-48	19930082302	NACA-TN-1672
Axial-flow compressor rotating-stall and rotor-blade vibration survey	Calvert, Howard F; Medeiros, Arthur A; Garrett, Floyd B	23-May-55	19930088575	NACA-RM-E54K29
Application of the method of characteristics to supersonic rotational flow	Ferri, Antonio	1-Sep-46	19930081785	NACA-TN-1135
Low-temperature, vapor-phase oxidation of fuel-rich hydrocarbon mixtures	House, William T; Orchin, Milton	1-Jan-58	19930084911	NACA-TN-4118
Investigation of effects of Reynolds number on large double-entry centrifugal compressor	Kovach, Karl; Withee, Joseph R , Jr	22-Oct-52	19930087250	NACA-RM-E52H19
Experimental investigation of performance and operating characteristics of a tail-pipe burner for a turbojet engine	Gabriel, David S; Martinson, E Vincent; Essig, Robert H	30-Oct-47	19930085768	NACA-RM-E7G03
Experimental and calculated static characteristics of a two-blade NACA 10-(3)(062)-045 propeller	Swihart, John M	12-Mar-54	19930088145	NACA-RM-L54A19
Problems of performance and heating of hypersonic vehicles	Allen, H Julian; Neice, Stanford E	5-Mar-56	19930089011	NACA-RM-A55L15
Two-dimensional wind-tunnel investigation of two NACA 6-series airfoils with leading-edge slats	Gottlieb, Stanley M	19-Jan-49	19930085624	NACA-RM-L8K22
Examination of the existing data on the heat transfer of turbulent boundary layers at supersonic speeds from the point of view of Reynolds analogy	Seiff, Alvin	1-Aug-54	19930083971	NACA-TN-3284

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Some factors affecting the variation of pitching moment with sideslip of aircraft configurations	Polhamus, Edward C	1-Aug-58	19930085000	NACA-TN-4016
Experimental performance of a 5000-pound-thrust rocket chamber using a 20-percent-fluorine -80-percent-oxygen mixture with RP-1	Tomazic, William A; Kutina, Franklin J , Jr; Rothenberg, Edward A	24-Apr-57	19930089561	NACA-RM-E57B08
Vapor-phase oxidation and spontaneous ignition-correlation and effect of variables	Swarts, Donald; Orchin, Milton	1-Apr-56	19930084377	NACA-TN-3579
Preliminary experiments on forces and moments of an oscillating wing at high-subsonic speeds	Clevenson, S A; Widmayer, E , Jr	20-Feb-50	19930086079	NACA-RM-L9K28a
The design of brittle-material blade roots based on theory and rupture tests of plastic models	Meyer, Andre J , Jr; Kaufman, Albert; Caywood, William C	1-Sep-56	19930084476	NACA-TN-3773
Investigation at supersonic speeds of the compressor stall and inlet buzz characteristics of a J34 - spike-inlet combination	Nettles, J Gary; Campbell, Robert C	5-Mar-58	19930090027	NACA-RM-E57K19b
Investigation of stresses due to thermal gradients in typical aircraft structures	Barzelay, Martin E; Boison, James C	25-Jan-52	19930087149	NACA-RM-51K06
Investigation of Boundary-layer Control to Improve the Lift and Drag Characteristics of the NACA 65(sub 2)-415 Airfoil Section with Double Slotted and Plain Flaps	Horton, Elmer A; Racisz, Stanley Frank; Paradiso, Nicholas J	1-Aug-50	19930082766	NACA-TN-2149
Application of pulse techniques to strain gages	Sanders, Newell D; Brodie, George H	4-May-54	19930088179	NACA-RM-E54B08
Aerodynamic characteristics of several 6-percent-thick airfoils at angles of attack from 0 degrees to 20 degrees at high subsonic speeds	Daley, Bernard N; Lord, Douglas R	1-May-55	19930084252	NACA-TN-3424
Knock-limited performance tests of 2, 2, 3, 4-tetramethylpentane, 2, 3, 3, 4-tetramethylpentane, 3, 4, 4-trimethyl-2-pentane, and 2, 3, 4-trimethyl-2-pentane in small-scale and full-scale cylinders	Branstetter, J Robert	1-Mar-46	19930093425	NACA-WR-E-236, NACA-ARR-E6C04
Preliminary study of stability of flow from two ducts discharging into a common duct	Bellin, Albert I; Messina, D Richard; Richards, Paul B	1-Jul-51	19930088984	NACA-TN-2417
Pressure distributions at transonic speeds for slender bodies having various axial locations of maximum diameter	Mcdevitt, John B; Taylor, Robert A	1-Jul-58	19930085074	NACA-TN-4280
Synthesis, purification and physical properties of hydrocarbons of the naphthalene series I : 1-methylnaphthalene, 1-ethylnaphthalene, 1-butylnaphthalene, and 1-isobutylnaphthalene	Hipsher, Harold F; Wise, Paul H	1-Aug-51	19930083040	NACA-TN-2430
The combinations of thermal and load stresses for the onset of permanent buckling in plates	Zender, George W; Pride, Richard A	1-Jun-57	19930084879	NACA-TN-4053
The NACA 2000-horsepower propeller dynamometer and tests at high speed of an NACA 10-(3)(08)-03 two-blade propeller	Corson, Blake W , Jr; Maynard, Julian D	20-Jul-48	19930086072	NACA-RM-L7L29
Aerodynamic loading characteristics of a wing-fuselage combination having a wing of 45 degrees sweepback measured in the Langley 8-foot transonic tunnel	Loving, Donald L; Williams, Claude V	19-May-52	19930087091	NACA-RM-L52B27

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Wind-tunnel investigation at low speed of a wing swept-back 63 degrees and twisted and cambered for a uniform load at a lift coefficient of 0.5	Weiberg, James A; Carel, Hubert C	9-May-50	19930086183	NACA-RM-A50A23
Longitudinal and lateral stability and control characteristics of two canard airplane configurations at Mach numbers of 1.41 and 2.01	Driver, Cornelius	10-Apr-57	19930089678	NACA-RM-L56L19
Effect of annular inlet baffles on rotating stall, blade vibration, and performance of an axial flow compressor in a turbojet engine	Johnson, Donald F; Meyer, Andre J , Jr; Hanson, Morgan P	4-Oct-55	19930088685	NACA-RM-E55C25a
Present status of information relative to the prediction of shock-induced boundary-layer separation	Lange, Roy H	1-Feb-54	19930083696	NACA-TN-3065
Drag of circular cylinders for a wide range of Reynolds numbers and Mach numbers	Gowen, Forrest E; Perkins, Edward W	1-Jun-53	19930084018	NACA-TN-2960
On compressibility corrections for subsonic flow over bodies of revolution	Reissner, Eric	1-Feb-49	19930082489	NACA-TN-1815
Experiments on transonic flow around wedges	Wood, George P	1-Nov-52	19930083497	NACA-TN-2829
A method for determining turbine design characteristics for rocket turbodrives applications	Stewart, Warner L; Evans, David G; Whitney, Warren J	2-May-58	19930090197	NACA-RM-E57K25a
A critical review of notch sensitivity in stress-rupture tests	Brown, W F , Jr; Sachs, George	1-Aug-51	19930083048	NACA-TN-2433
Numerical procedures for the calculation of the stresses in monocoques IV : influence coefficients of curved bars for distortions in their own plane	Hoff, N J; Klein, Bertram; Libby, Paul A	1-Apr-46	19930081794	NACA-TN-999
Exploratory tests of the behavior of several materials in a supersonic air jet at 4,000 F	Hopko, Russell N; Trout, Otto F , Jr	29-Jul-57	19930089740	NACA-RM-L57E24
Analysis of a vane-controlled gust-alleviation system	Kraft, Christopher C , Jr; Boucher, Robert W	1-Apr-56	19930084431	NACA-TN-3597
Theoretical damping in roll and rolling effectiveness of slender cruciform wings	Adams, Gaynor J	1-Jan-51	19930083072	NACA-TN-2270
Heat transfer and boundary-layer transition on two blunt bodies at Mach numbers 3.12	Diaconis, N S; Wisniewski, Richard J; Jack, John R	1-Oct-57	19930084827	NACA-TN-4099
Effects of Mach number and sweep on the damping-in-roll characteristics of wings of aspect ratio 4	Kuhn, Richard E; Myers, Boyd C , II	27-Jun-49	19930085975	NACA-RM-L9E10
The reversibility theorem for thin airfoils in subsonic and supersonic flow	Brown, Clinton E	1-Sep-49	19930082961	NACA-TN-1944
Statistical measurements of landing contact conditions of the Boeing B-47 airplane	Kolnick, Joseph J; Morris, Garland J	27-Oct-55	19930088817	NACA-RM-L55H24
Horizontal-tail effectiveness and downwash surveys for two 47.7 degree sweptback wing-fuselage combinations with aspect ratios of 5.1 and 6.0 at a Reynolds number of 6.0×10^6 .	Salmi, Reino J	12-Jan-51	19930086469	NACA-RM-L50K06
Experimental investigation of the transonic and supersonic flutter characteristics of the upper and lower vertical tails of an air-to-ground missile	Hanson, Perry W; Rainey, A Gerald	5-Jun-57	19930089751	NACA-RM-L57D17
Preliminary investigation of downwash fluctuations of a high-aspect-ratio wing in the Langley 8-foot high-speed tunnel	Ferri, Antonio	28-Aug-46	19930085602	NACA-RM-L6H28b
The calculation of the path of a jettisonable nose section	Goodwin, Roscoe H	7-Sep-50	19930086300	NACA-RM-L50G18

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Equations for the design of two-dimensional supersonic nozzles	Pinkel, I Irving	21-Jun-48	19930085532	NACA-RM-E8B02
Investigation of 75-millimeter-bore cylindrical roller bearings at high speeds II : lubrication studies - effect of oil-inlet location, angle, and velocity for single-jet lubrication	Macks, E Fred; Nemeth, Zolton N	1-Nov-50	19930082863	NACA-TN-2216
Theoretical calculations of the effects of finite sideslip at supersonic speeds on the span loading and rolling moment for families of thin sweptback tapered wings at an angle of attack	Sherman, Windsor L; Margolis, Kenneth	1-Nov-53	19930083688	NACA-TN-3046
Acoustical treatment for the NACA 8- by 6-foot supersonic propulsion wind tunnel	Beranek, Leo L; Labate, Samuel; Ingard, Uno	1-Jun-55	19930084659	NACA-TN-3378
Experimental investigation at a Mach number of 2.41 of average skin-friction coefficients and velocity profiles for laminar and turbulent boundary layers and an assessment of probe effects	O'Donnell, Robert M	1-Jan-54	19930083903	NACA-TN-3122
Some fundamental similarities between boundary-layer flow at transonic and low speeds	Nitzberg, Gerald E; Crandall, Stewart	1-Jun-48	19930082285	NACA-TN-1623
Free-flight investigation of the drag of a model of a 60 degree delta-wing bomber with strut-mounted siamese nacelles and indented fuselage at Mach numbers from 0.80 to 1.35	Hoffman, Sherwood	25-Sep-57	19930089830	NACA-RM-L57G29
Preliminary investigation at a Mach number of 1.9 and a Reynolds number of 2,200,000 of three ailerons applicable to the Bell XS-2 airplane design	Sivells, James C; Conner, William D	25-May-48	19930085363	NACA-RM-L8D02
Performance evaluation of reduced-chord rotor blading as applied to J73 two-stage turbine V : effect of inlet pressure on over-all performance at design speed and inlet temperature of 700 R	Schum, Harold J	5-Jul-57	19930088045	NACA-RM-E53L16b
Unsteady oblique interaction of a shock wave with a plane disturbance	Moore, Franklin K	1-Jan-53	19930083773	NACA-TN-2879
Transonic similarity rules for lifting wings	Harder, Keith C	1-Jun-52	19930083357	NACA-TN-2724
Pressure drag of bodies at Mach numbers up to 2.0	Nelson, Robert L; Stoney, William E , Jr	18-Nov-53	19930093736	NACA-RM-L53I22c
Low-speed investigation of the effects of nacelles on the longitudinal aerodynamic characteristics of a 60 degree sweptback delta-wing - fuselage combination with NACA 65A003 airfoil sections	Scallion, William I	23-Jul-52	19930087098	NACA-RM-L52F04
Experimental determination of damping in pitch of swept and delta wings at supersonic Mach numbers	Moore, John A	19-Sep-57	19930089773	NACA-RM-L57G10a
Effects of inlet icing on performance of axial-flow turbojet engine in natural icing conditions	Acker, Loren W; Kleinknecht, Kenneth S	25-May-50	19930086190	NACA-RM-E50C15
Relation between flow range and other compressor-stage characteristics	Goldstein, Arthur W; Schacht, Ralph L	20-May-58	19930090006	NACA-RM-E58B24
The transonic characteristics of 38 cambered rectangular wings of varying aspect ratio and thickness as determined by the transonic bump technique	Nelson, Warren H; Krumm, Walter J	8-Jul-52	19930087128	NACA-RM-A52D11

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Method for rapid graphical evaluation of cooled or uncooled turbojet and turboprop engine or component performance (effects of variable specific heat included)	Esgar, Jack B; Ziemer, Robert R	1-Jan-55	19930084142	NACA-TN-3335
Vibration of turbine blades in a turbojet engine during operation	Morgan, W C; Kemp, R H; Manson, S S	22-Apr-48	19930085909	NACA-RM-E7L18
An analytical investigation of airplane spin-recovery motion by use of rotary-balance aerodynamic data	Scher, Stanley H	1-Jun-54	19930083988	NACA-TN-3188
Wind-tunnel investigation at low speed of static and yawing characteristics of a 0.085-scale model of the Chance Vought XF8U-1 airplane : TED No. NACA DE 392	Jaquet, Byron M; Williams, James L	19-Jan-54	19930088162	NACA-RM-SL54A26
Aerodynamics of a rectangular wing of infinite aspect ratio at high angles of attack and supersonic speeds	Martin, John C; Malvestuto, Frank S , Jr	1-Jul-55	19930084235	NACA-TN-3421
Investigation of mass-flow and pressure recovery characteristics of several underslung scoop-type inlets at free-stream Mach numbers of 2.0, 1.8, 1.5, and 0.66	Valerino, Alfred S; Zappa, Robert F	13-Mar-57	19930089685	NACA-RM-E56K29
Jet-boundary-induced-upwash velocities for swept reflection-plane models mounted vertically in 7- by 10-foot, closed, rectangular wind tunnels	Polhamus, Edward C	1-Nov-48	19930082384	NACA-TN-1752
Mechanical properties at room temperature of four cermets of tungsten carbide with cobalt binder	Johnson, Aldie E , Jr	1-Dec-54	19930084055	NACA-TN-3309
Some design considerations pertinent to the rough-air behavior of airplanes at low altitude	Donely, Philip; Gillis, Clarence L	17-Nov-53	19930088298	NACA-RM-L53J01b
Low-speed study of the effects of frequency on the stability derivatives of wings oscillating in yaw with particular reference to high angle of attack conditions	Campbell, John P; Johnson, Joseph L , Jr; Hewes, Donald E	1-Nov-55	19930089001	NACA-RM-L55H05
Altitude-wind-tunnel investigation of compressor performance on J47 turbojet engine	Prince, William R; Jansen, Emmert T	22-Nov-49	19930086062	NACA-RM-E9G28
Static-temperature coefficient of reactivity of a supercritical-water reactor as influenced by uranium distribution for uniform radial power	Mccready, Robert R; Valerino, Michael F	5-Oct-54	19930088229	NACA-RM-E54D14
Transonic aerodynamic characteristics of a 1/15-scale model of the Convair B-58 airplane	Swihart, John M	19-Oct-56	19930089544	NACA-RM-SL56J22
Statistical measurements of landing contact conditions of five military airplanes during routine daytime operations	Silsby, Norman S	28-Aug-56	19930089352	NACA-RM-L56F21a
Dynamic stability and control characteristics of a ducted-fan model in hovering flight	Kirby, Robert H	22-Apr-54	19930088196	NACA-RM-L54C18
Component performance investigation of J71 experimental turbine I : over-all performance with 97-percent-design stator areas	Schum, Harold J; Davison, Elmer H	11-Apr-56	19930093757	NACA-RM-E54J15
The external-shock drag of supersonic inlets having subsonic entrance flow	Nucci, Louis M	20-Dec-50	19930090401	NACA-RM-L50G14a
Lateral stability and control characteristics of the Convair XF-92A delta-wing airplane as measured in flight	Sisk, Thomas R; Muhleman, Duane O	26-May-55	19930088671	NACA-RM-H55A17

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Tables and charts for thermodynamic calculations involving air and fuels containing boron, carbon, hydrogen, and oxygen	Hall, Eldon W; Weber, Richard J	13-Jul-56	19930089178	NACA-RM-E56B27
The theoretical flow of a frictionless, adiabatic, perfect gas inside of a two-dimensional hyperbolic nozzle	Emmons, Howard W	1-May-46	19930087861	NACA-TN-1003
Effects of high degrees of biaxial stretch forming on crazing and other properties of acrylic plastic glazing	Wolock, I; Axilrod, B M; Sherman, M A	29-Jun-53	19930087833	NACA-RM-53D14
Wind-tunnel tests at low speed of swept and yawed wings having various plan forms	Purser, Paul E; Spearman, M Leroy	1-Dec-51	19930083063	NACA-TN-2445
Aerodynamic characteristics at Mach numbers of 1.61 and 2.01 of various tip controls on the wing panel of a 0.05-scale model of a Martin XASM-N-7 (Bullpup) missile : TED No. NACA AD 3106	Driver, Cornelius	1-Feb-56	19930089209	NACA-RM-SL56A20
Some experimental studies of panel flutter at Mach number 1.3	Sylvester, Maurice A; Baker, John E	1-Dec-52	19930087339	NACA-RM-L52I16
Aerodynamic characteristics of a 0.04956-scale model of the Convair F-102B airplane at Mach numbers of 1.41, 1.61, and 2.01 : COORD No. AF-231	Driver, Cornelius; Robinson, Ross B	27-Feb-56	19930089218	NACA-RM-SL56B16
Flight-determined pressure measurements over the wing of the Douglas D-558-II research airplane at Mach numbers up to 1.14	Peele, James R	12-Mar-54	19930088105	NACA-RM-L54A07
Theoretical performance of JP-4 fuel with a 70-percent-flourine -30-percent-oxygen mixture as a rocket propellant I : frozen composition	Gordon, Sanford; Huff, Vearl N	11-Apr-56	19930089345	NACA-RM-E56A13a
Lift and drag characteristics of the Douglas X-3 research airplane obtained during demonstration flights to a Mach number of 1.20	Bellman, Donald R; Murphy, Edward D	6-Dec-54	19930088507	NACA-RM-H54I17
Free-flight investigation at transonic and supersonic speeds of the rolling effectiveness of a 42.7 degree sweptback wing having partial-span ailerons	Sandahl, Carl A	25-Oct-48	19930085384	NACA-RM-L8E25
Investigation of a thin wing of aspect ratio 4 in the Ames 12-foot pressure wind tunnel V : static longitudinal stability and control throughout the subsonic speed range of a semispan model of a supersonic airplane	Johnson, Ben H , Jr; Rollins, Francis W	8-Dec-49	19930085990	NACA-RM-A9I01
Performance of exhaust-gas blowdown turbine and various engine systems using a 12-cylinder liquid-cooled engine	Desmon, Leland G; Sams, Eldon W	1-Nov-48	19930082430	NACA-TN-1735
Investigation at high subsonic speeds of methods of alleviating the adverse interference at the root of a swept-back wing	Boddy, Lee E	10-Aug-50	19930086177	NACA-RM-A50E26
Impact-pressure interpretation in a rarefied gas at supersonic speeds	Kane, E D; Maslach, G J	1-Oct-50	19930082857	NACA-TN-2210
Weight bar charts	Saelman, B J; Vick, H W	25-Jun-53	19930087827	NACA-RM-53B19
Longitudinal stability and drag characteristics of a fin stabilized body of revolution with a fineness ratio of 12 as measured by the free-fall method	Kurbjun, Max C	24-Jun-54	19930088099	NACA-RM-L54E13
Air-flow and power characteristics of the Langley 16-foot transonic tunnel with slotted test section	Ward, Vernon G; Whitcomb, Charles F; Pearson, Merwin D	21-Jul-52	19930090591	NACA-RM-L52E01

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A study of the radiation from laminar and turbulent open propane-air flames as a function of flame area, equivalence ratio, and fuel flow rate	Clark, Thomas P; Bittker, David A	24-Aug-54	19930090597	NACA-RM-E54F29
A method for estimating speed response of gas-turbine engines	Rosenzweig, Solomon; Gold, Harold	23-Jan-52	19930087901	NACA-RM-E51K21
Experimental investigation of an axial-flow-compressor inlet stage operating at transonic relative inlet Mach numbers V : rotor blade-element performance at a reduced blade angle	Schwenk, Francis C; Lewis, George W , Jr; Lieblein, Seymour	24-Jan-57	19930089501	NACA-RM-E56J17
Time histories of horizontal-tail loads, elevator loads, and deformations on a jet-powered bomber airplane during wind-up turns at approximately 15,000 feet and 22,500 feet	Mcgowan, William A	17-Aug-50	19930086286	NACA-RM-L50F28
Flight measurements of base pressure on bodies of revolution with and without simulated rocket chambers	Peck, Robert F	1-Apr-55	19930084618	NACA-TN-3372
Some experiments with insulated structures	Rosecrans, Richard; Johnson, Aldie E , Jr; Bland, William M , Jr	10-Jun-57	19930089851	NACA-RM-L57D23a
Investigation of three low-temperature-ratio combustor configurations in a 48-inch-diameter ram-jet engine	Meyer, Carl L; Welna, Henry J	10-Mar-54	19930087963	NACA-RM-E53K20
Dependence of the elastic strain coefficient of copper on the pre-treatment	Kuntze, Wilhelm	1-Aug-50	19930093943	NACA-TM-1287
Experimental and calculated hinge moments of two ailerons on a 42.7 degrees sweptback wing at a Mach number of 1.9	Goin, Kenneth L; Sivells, James C	19-Jan-49	19930085830	NACA-RM-L8K24a
A low-speed investigation of a thin 60 degree delta wing equipped with a double slotted flap to determine the chordwise pressure distribution and the effect of vane size	Croom, Delwin R	8-Mar-55	19930088604	NACA-RM-L54L03a
Experimental investigation of a 7-inch-tip-diameter transonic turbine	Whitney, Warren J; Wintucky, William T	16-Jan-58	19930089982	NACA-RM-E57J29
Evaluation of the reduced-mass method of representing wing-lift effects in free-fall drop tests of landing gears	Milwitzky, Benjamin; Lindquist, Dean C	1-Jul-51	19930087873	NACA-TN-2400
Experimental investigation of aerodynamically balanced trailing-edge control surfaces on an aspect ratio 2 triangular wing at subsonic and supersonic speeds	Boyd, John W; Pfyl, Frank A	13-Feb-53	19930090603	NACA-RM-A52L04
Wind-tunnel investigation of horizontal tails III : unswept and 35 degrees swept-back plan forms of aspect ratio 6	Dods, Jules, B , jr	17-Dec-48	19930085503	NACA-RM-A8H30
Application of the analogy between water flow with a free surface and two-dimensional compressible gas flow	Orlin, W James; Lindner, Norman J; Bitterly, Jack G	1-Feb-47	19930081993	NACA-TN-1185
Wind-tunnel investigation at low speed of rolling derivatives of a 0.085-scale model of the Chance Vought XF8U-1 airplane and support-strut tares for static, yawing, and rolling derivatives : TED No. NACA De 392	Jaquet, Byron M; Williams, James L	1-Jan-54	19930089313	NACA-RM-SL54E12
Some effects of density and Mach number on the flutter speed of two uniform wings	Castile, George E; Herr, Robert W	1-Dec-49	19930082707	NACA-TN-1989

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Preliminary flight measurements of the dynamic longitudinal stability characteristics of the Convair XF-92A delta-wing airplane	Holleman, Euclid C; Evans, John H; Triplett, William C	30-Jun-53	19930087545	NACA-RM-L53E14
An application of Falkner's surface-loading method to predictions of hinge-moment parameters for swept-back wings	Jones, Arthur L; Sluder, Loma	1-Feb-48	19930082190	NACA-TN-1506
Low-speed wind-tunnel investigation of a jet control on a 35 degree swept wing	Lowry, John, G; Turner, Thomas R	14-Oct-53	19930087907	NACA-RM-L53I09a
Cascade investigation of a related series of 6-percent-thick guide-vane profiles and design charts	Dunavant, James C	26-Nov-54	19930088445	NACA-RM-L54I02
Investigation of thrust and drag characteristics of a plug-type exhaust nozzle	Hearth, Donald P; Gorton, Gerald C	19-Feb-54	19930088066	NACA-RM-E53L16
A spectrophotometric method for identification and estimation of alkyl-naphthalenic-type hydrocarbons in kerosene	Cleaves, Alden P; Carver, Mildred S	1-Apr-47	19930081873	NACA-TN-1243
Analytical investigation of two liquid cooling systems for turbine blades	Jackson, Thomas W; Livingood, John N B	17-Aug-51	19930086844	NACA-RM-E51F04
The similarity law for nonsteady hypersonic flows and requirements for the dynamical similarity of related bodies in free flight	Hamaker, Frank M; Wong, Thomas J	1-Feb-52	19930083486	NACA-TN-2631
Effect of Mach number on the maximum lift and buffeting boundary determined in flight on a north american P-51D airplane	Mayer, John P	12-Jun-47	19930093805	NACA-RM-L6I10
Effect of longitudinal stiffeners on the buckling load of long flat plates under shear	Crate, Harold; Lo, Hsu	1-Jun-48	19930082238	NACA-TN-1589
Determination of lateral-stability derivatives and transfer-function coefficients from frequency-response data for lateral motions	Donegan, James J; Robinson, Samuel W , Jr; Gates, Ordway B , Jr	1-May-54	19930083794	NACA-TN-3083
Some observations on loss of static strength due to fatigue cracks	Illg, Walter; Hardrath, Herbert F	20-May-55	19930090542	NACA-RM-L55D15a
A preliminary investigation of the effects of frequency and amplitude on the rolling derivatives of an unswept-wing model oscillating in roll	Fisher, Lewis R; Lichtenstein, Jacob H; Williams, Katherine D	1-Jan-56	19930084323	NACA-TN-3554
Thermal buckling of plates	Gossard, Myron L; Seide, Paul; Roberts, William M	1-Aug-52	19930083554	NACA-TN-2771
Investigation of Supersonic-Compressor Rotors Designed with External Compression	Jahnsen, Lawrence J; Hartmann, Melvin J	24-Sep-54	19930088497	NACA-RM-E54G27a
Acceleration of high-pressure-ratio single-spool turbojet engine as determined from component performance characteristics : effect of compressor interstage air bleed	Rebeske, John J , Jr; Dugan, James F , Jr	3-Jul-53	19930087589	NACA-RM-E53E06
Investigation at transonic speeds of aerodynamic characteristics of an unswept semielliptical air inlet in the root of a 45 degree sweptback wing	Bingham, Gene J	28-Sep-55	19930088869	NACA-RM-L55F22a
A system for measuring the dynamic lateral stability derivatives in high-speed wind tunnels	Lessing, Henry C; Fryer, Thomas B; Mead, Merrill H	1-Dec-54	19930084188	NACA-TN-3348
Experimental studies of noise from subsonic jets in still air	Lassiter, Leslie W; Hubbard, Harvey H	1-Aug-52	19930083522	NACA-TN-2757
Local heat transfer to blunt noses at high supersonic speeds	Stoney, William E , Jr	12-Jul-57	19930089892	NACA-RM-L57D25c
Survey of portions of the chromium-cobalt-nickel-molybdenum quaternary system at 1200 degrees C	Rideout, Sheldon Paul; Beck, Paul A	1-Apr-52	19930083894	NACA-TN-2683

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Theory of reversible and nonreversible cracks in solids	Frenkel, Y I	1-Apr-55	19930093843	NACA-TM-1387
Combustion-chamber performance with four fuels in Bumblebee 18-inch ram jet incorporating various rake- or gutter-type flame holders	Howard, Ephraim, M; Wilcox, Fred A; Dupree, David T	2-Dec-48	19930085518	NACA-RM-E8I01a
Aerodynamics characteristics of 24 NACA 16-series airfoils at Mach numbers between 0.3 and 0.8	Lindsey, W F; Stevenson, D B; Daley, Bernard N	1-Sep-48	19930082349	NACA-TN-1546
Comparison of fatigue strengths of bare and Alclad 24S-T3 aluminum-alloy sheet specimens tested at 12 and 1000 cycles per minute	Smith, Frank C; Brueggeman, William Charles; Harwell, Richard H	1-Dec-50	19930082872	NACA-TN-2231
Limited tests of molybdenum coated with molybdenum disilicide in a supersonic heated-air jet and brief description of the coating facility	Fields, E M; Wakelyn, N T	9-Jan-58	19930089803	NACA-RM-L57I12
Investigation at transonic speeds of the hinge-moment characteristics of a 1/8-scale model of the X-1E aileron	Moseley, William C , Jr	5-Aug-55	19930088765	NACA-RM-L55F06a
The flexible rectangular wing in roll at supersonic flight speeds	Tucker, Warren A; Nelson, Robert L	1-Dec-48	19930082442	NACA-TN-1769
Aerodynamic characteristics of a wing with quarter-chord line swept back 35 degrees, aspect ratio 4, taper ratio 0.6, and NACA 65A006 airfoil section : transonic-bumb method	Sleeman, William C , Jr; Becht, Robert E	21-Apr-49	19930085859	NACA-RM-L9B25
Full-scale investigation of the maximum lift and flow characteristics of an airplane having approximately triangular plan form	Wilson, Herbert A , Jr; Lovell, J Calvin	12-Feb-47	19930085702	NACA-RM-L6K20
Experimental study of an angle-of-attack vane mounted ahead of the nose of an airplane for use as a sensing device for an acceleration alleviator	Kraft, Christopher C , Jr; Assadourian, Arthur	1-Jul-51	19930082996	NACA-TN-2415
Investigations on the stability, oscillation, and stress conditions of airplanes with tab control. Second partial report : application of the solutions obtained in the first partial report to tab-controlled airplanes.	Filzek, B	1-Sep-49	19930091109	NACA-TM-1198
Experimental investigation of the aerodynamic characteristics of an air-to-air missile employing cruciform wings and tail of rectangular plan form at Mach numbers of 1.4 and 1.9	Mead, Merrill H	16-Feb-53	19930087422	NACA-RM-A52K14
Contributions on the mechanics of boundary-layer transition	Schubauer, G B; Klebanoff, P S	1-Sep-55	19930084334	NACA-TN-3489
Some notes on the aerodynamic loads associated with external-store installations	Silvers, H Norman; O'Bryan, Thomas C	22-Jun-53	19930087604	NACA-RM-L53E06a
Effects of some configuration changes on afterburner combustion performance	Nakanishi, Shigeo; King, Charles R	12-Jun-57	19930090221	NACA-RM-E57C01
Residual stress analysis of overspeeded disk with central hole by x-ray diffraction	Good, James N	23-Jul-48	19930085486	NACA-RM-E8E11
Note on similarity conditions for flows with heat transfer	Von Doenhoff, Albert E	1-Apr-48	19930082229	NACA-TN-1577
Matrix methods for determining the longitudinal-stability derivatives of an airplane from transient flight data	Donegan, James J	1-Mar-53	19930083596	NACA-TN-2902
Thermal reaction of diborane with trimethylborane	Lamneck, John H , Jr; Kaye, Samuel	4-Sep-58	19930090153	NACA-RM-E58E12
Factors affecting transition at supersonic speeds	Czarnecki, K R	4-Nov-53	19930087890	NACA-RM-L53I18a

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Analysis of experimental low-speed loss and stall characteristics of two-dimensional compressor blade cascades	Lieblein, Seymour	19-Mar-57	19930089507	NACA-RM-E57A28
An analytical investigation using aerodynamic limitations of several designs of high stage pressure ratio multistage compressors	Voit, Charles H; Thomson, Arthur R	1-Dec-51	19930083412	NACA-TN-2589
Lift on a bent, flat plate	Keune, Friedrich	1-Feb-55	19930093890	NACA-TM-1340
Notes on the gust problem for high-speed low-altitude bombers		5-Jun-52	19930087200	NACA-RM-L52E22
An analysis of the main spray characteristics of some full-size multi-engined flying boats	Locke, F W S , Jr	1-Jul-46	19930081715	NACA-TN-1091
The use of the rolled-up vortex concept for predicting wing-tail interference and comparison with experiment at Mach number of 1.62 for a series of missile configurations having tandem cruciform lifting surfaces	Grigsby, Carl E	24-Sep-52	19930087562	NACA-RM-L52H05
A general integral form of the boundary-layer equation for incompressible flow with an application to the calculation of the separation point of turbulent boundary layers	Tetervin, Neal; Lin, Chia Chiao	1-Aug-50	19930083103	NACA-TN-2158
An experimental investigation at Mach numbers from 2.1 to 3.0 of circular-internal-contraction inlets with translating centerbodies	Mossman, Emmett A; Pfyl, Frank A	31-Oct-56	19930089272	NACA-RM-A56G06
Low-speed lateral stability and aileron-effectiveness characteristics at a Reynolds number of 3.5×10^6 of a wing with leading-edge sweepback decreasing from 45 degrees at the root to 20 degrees at the tip	Lange, Roy H; Mclemore, Huel C	6-Jul-50	19930086251	NACA-RM-L50D14
Altitude performance and operational characteristics of an XT38-A-2 turboprop engine	Essig, R H; Schulze, F W	12-Mar-54	19930088004	NACA-RM-E53L18a
Measurements of fluctuating pressures on the wings and body of a sweptback wing-body combination in the Langley 16-foot transonic tunnel	Habel, Louis W; Bowman, Donald R	1-Sep-53	19930087810	NACA-RM-L53G06a
Effectiveness of boundary-layer removal near throat of ramp-type side inlet at free-stream Mach number of 2.0	Obery, Leonard J; Cubbison, Robert W	17-Nov-54	19930088484	NACA-RM-E54I14
Air-flow surveys in the vicinity of representative NACA 1-series cowlings	Boswinkle, Robert W , Jr	7-May-48	19930090580	NACA-RM-L8A15a
Design of two transpiration-cooled strut-supported turbine rotor blades	Prasse, Ernst I; Livingood, John N B; Donoughe, Patrick L	25-Apr-56	19930089249	NACA-RM-E56A24
Effect of inlet-guide-vane angle on performance characteristics of a 13-stage axial-flow compressor in a turbojet engine	Medeiros, Arthur A; Calvert, Howard F	22-May-56	19930089226	NACA-RM-E55K23
Experimental investigation of turbine stator-blade-outlet boundary-layer characteristics and a comparison with theoretical results	Whitney, Warren J; Stewart, Warner L; Miser, James W	16-Mar-56	19930089235	NACA-RM-E55K24
Flight evaluation of the lateral stability and control characteristics of the Convair YF-102 airplane	Sisk, Thomas R; Andrews, William H; Darville, Robert W	16-Jan-57	19930089286	NACA-RM-H56G11
Performance characteristics of ring-cascade-type thrust reversers	Mcardle, Jack G	1-Nov-56	19930084601	NACA-TN-3838

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Analysis of performance of four symmetrical-diagram-type subsonic inlet-stage axial-flow compressors	Jackson, Robert J	20-Jan-54	19930087946	NACA-RM-E53K03
Incomplete time response to a unit impulse and its application to lightly damped linear systems	Donegan, James J; Huss, Carl R	1-Dec-56	19930084760	NACA-TN-3897
Analytical method for determining performance of turbojet-engine tail-pipe heat exchangers	Behun, Michael; Chandler, Harrison C , Jr	1-Sep-51	19930081243	NACA-TN-2456
Effect of cell shape on compressive strength of hexagonal honeycomb structures	Ringelstetter, L A; Voss, A W; Norris, C B	1-Dec-50	19930082884	NACA-TN-2243
Aerodynamic characteristics of several 6-percent-thick airfoils at angles of attack from 0 to 20 degrees at high subsonic speeds	Daley, Bernard N; Lord, Douglas R	14-Jul-49	19930086007	NACA-RM-L9E19
The effects of horizontal-tail height and a partial-span leading-edge extension on the static longitudinal stability of a wing-fuselage-tail combination having a sweptback wing	Bandettini, Angelo; Selan, Ralph	9-Mar-54	19930088273	NACA-RM-A53J07
Experimental flutter results for cantilever-wing models	Tuovila, W J; Mccarty, John Locke	14-Jun-55	19930088792	NACA-RM-L55E11
Effects of wing-body geometry on the lateral-flow angularities at subsonic speeds	Malvestuto, Frank S , Jr; Alford, William J , Jr	21-Feb-56	19930089192	NACA-RM-L55L26a
Heat-transfer and operating characteristics of aluminum forced-convection and stainless-steel natural-convection water-cooled single-stage turbines	Freche, John C; Diaguila, A J	30-Jun-50	19930086140	NACA-RM-E50D03a
Hinge-moment and effectiveness characteristics of an aspect-ratio-8.2 flap-type control on a 60 degree delta wing at Mach numbers from 0.72 to 1.96	Guy, Lawrence D	7-Jan-57	19930089518	NACA-RM-L56J17
Lift-cancellation technique in linearized supersonic-wing theory	Mirels, Harold	1-Aug-50	19930082929	NACA-TN-2145
Performance evaluation of reduced-chord rotor blading as applied to J73 two-stage turbine II : over-all performance at inlet conditions of 35 inches of mercury absolute and 700 R	Forrette, Robert E; Schum, Harold J; Rebeske, John J , Jr	11-Jul-57	19930087844	NACA-RM-E53B25
Distribution of lift and pitching moment between wing and fuselage and effects of wing flexibility and dive brake on a 1/30-scale semispan model of the Bell X-5 airplane at transonic speeds as determined by the NACA wing-flow method	Morris, Garland J; Silsby, Norman S	23-Mar-54	19930088113	NACA-RM-L54A11
Preliminary wind-tunnel tests of triangular and rectangular wings in steady roll at Mach numbers of 1.62 and 1.92	Brown, Clinton E; Heinke, Harry S , R	1-Jun-56	19930084532	NACA-TN-3740
Wind-tunnel investigation of the motion of a 1/10-scale model of the Douglas XF4D-1 escape capsule when jettisoned by jet ejection : TED No. NACA DE 359	Jshnson, Harold, S	7-Oct-53	19930087980	NACA-RM-SL53J12
Effectiveness of inhibitors for mass transfer and corrosion in sodium hydroxide - nickel systems	Forestieri, Americo F; Lad, Robert A	9-Feb-56	19930089044	NACA-RM-E55K30
An experimental study of porosity characteristics of perforated materials in normal and parallel flow	Stokes, George M; Davis, Don D , Jr; Sellers, Thomas B	1-Apr-54	19930083808	NACA-TN-3085
Torsional instability of hinged flanges stiffened by lips and bulbs	Gerard, George	1-Aug-56	19930084680	NACA-TN-3757

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Some effects of valve friction and shock stick friction on control quality in a helicopter with hydraulic-power control systems	Brown, B Porter; REEDER JOHN P	1-May-57	19930084902	NACA-TN-4004
Downwash in vortex region behind rectangular half-wing at Mach number 1.91	Cummings, John L; Haefeli, Rudolph C	26-Oct-50	19930086292	NACA-RM-E50H10
Design and test of mixed-flow impellers II : experimental results, impeller model MFI-1A	Withee, Joseph R , Jr; Beede, William L	19-Sep-52	19930087192	NACA-RM-E52E22
Investigation at Mach number 1.88 of half of a conical-spike diffuser mounted as a side inlet with boundary-layer control / H. Fred Goelzer and Edgar M. Cortright, Jr	Goelzer, H Fred; Cortright, Edgar M , Jr	19-Sep-51	19930086786	NACA-RM-E51G06
Experimental investigation of pressure fluctuations in 3.6 inch ram jet at Mach number 1.92	Connors, James F; Schroeder, Albert H	13-Oct-49	19930086105	NACA-RM-E9H12
Ion tracer technique for airspeed measurement at low densities	Kunkel, W B; Talbot, L	1-Mar-54	19930083911	NACA-TN-3177
Preparation and physical properties of some trialkylboranes	Rosenblum, Louis; Allen, Harrison, Jr	1-Nov-55	19930088732	NACA-RM-E55E06
Some measurements of time and space correlation in wind tunnel	Favre, A; Gaviglio, J; Dumas, R	1-Feb-55	19930093860	NACA-TM-1370
Stability investigation of a blunt cone and a blunt cylinder with a square base at Mach numbers from 0.64 to 2.14	Coltrane, Lucille C	17-Sep-58	19930090238	NACA-RM-L58G24
Viscosities of air and nitrogen at low pressures	Johnston, Herrick L; Mattox, Robert W; Powers, Robert W	1-Nov-51	19930083237	NACA-TN-2546
Heat-Transfer Measurements in Free Flight at Mach Numbers up to 14.6 on a Flat-Faced Conical Nose with a Total Angle of 29 Degrees	Rumsey, Charles B; Lee, Dorothy B	24-Jan-58	19930089952	NACA-RM-L57L03
Exploratory rocket flight tests to investigate the use of a freely spinning monoplane tail for stabilizing a body	Purser, Paul E; Stevens, Joseph E	15-Oct-52	19930087296	NACA-RM-L52I05a
On possible similarity solutions for three-dimensional incompressible laminar boundary layers II : similarity with respect to stationary polar coordinates	Herzig, Howard Z; Hansen, Arthur G	1-Nov-56	19930084556	NACA-TN-3832
Preliminary estimate of performance of a turbojet engine when inlet pressure is reduced below exhaust pressure	Wilsted, H D; Stemples, W D	18-Feb-48	19930085804	NACA-RM-E7I30
Relation of nozzle-blade and turbine-bucket temperatures to gas temperatures in a turbojet engine	Farmer, J Elmo	30-Apr-48	19930085876	NACA-RM-E7L12
A comparison of three theoretical methods of calculating span load distribution on swept wings	Van Dorn, Nicholas H; Deyoung, John	1-Nov-47	19930082478	NACA-TN-1476
The small-disturbance method for flow of a compressible fluid with velocity potential and stream function as independent variables	Kaplan, Carl	1-Aug-54	19930084177	NACA-TN-3229
A survey of creep in metals	SCHWOPE A D; Jackson, L R	1-Nov-51	19930083270	NACA-TN-2516
Analysis of harmonic forces produced at hub by imbalances in helicopter rotor blades	Morduchow, M; Muzyka, A	1-Apr-58	19930085165	NACA-TN-4226

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The origin and distribution of supersonic store interference from measurement of individual forces on several wing-fuselage-store configurations IV : delta-wing heavy-bomber configuration with large store. Mach number, 1.61	Morris, Odell A	15-Dec-55	19930088917	NACA-RM-L55I27a
X-ray instrumentation for density measurements in a supersonic flow field	Dimeff, John; Hallet, Ralph K; Hansen, C Frederick	1-Dec-52	19930083604	NACA-TN-2845
Effect of vertical location of a horizontal tail on the static longitudinal stability characteristics of a 45 degree sweptback-wing-fuselage combination of aspect ratio 8 at a Reynolds number of 4.0 x 10(exp 6)	Salmi, Reino J; Jacques, William A	21-Jan-52	19930087024	NACA-RM-L51J08
Correlation of supersonic convective heat-transfer coefficients from measurements of the skin temperature of a parabolic body of revolution (NACA RM-10)	Chauvin, Leo T; Demoraes, Carlos A	1-Mar-56	19930084365	NACA-TN-3623
Method for shortening ram-jet engines by burning hydrogen fuel in the subsonic diffuser	Cervenka, A J; Sheldon, J W	17-Oct-56	19930089597	NACA-RM-E56G27
A flight study of compressibility effects on the gust loads of a 35 degree sweptback-wing airplane	Mickleboro, Harry C; Funk, Jack	30-Aug-54	19930088396	NACA-RM-L54G09a
Flight investigation at Mach numbers from 0.8 to 1.5 of the drag of a canopy located at two positions on a parabolic body of revolution	Welsh, Clement J; Morrow, John D	15-Mar-51	19930086698	NACA-RM-L51A29
Theory and experiments on supersonic air-to-air ejectors.	Fabri, J; Paulon, J	1-Jan-58	19930090911	NACA-TM-1410
Attenuation of tangential-pressure oscillations in a liquid-oxygen - n-heptane rocket engine with longitudinal fins	Priem, Richard J	28-Jun-56	19930089111	NACA-RM-E56C09
Cooling of gas turbine V : effectiveness of air cooling of hollow blades	Wolfenstein, Lincoln; Maxwell, Robert L; Mccarthy, Robert S	28-Apr-47	19930085669	NACA-RM-E7B11e
An experimental investigation of hollow turbine blades for expandable jet engines	Morgan, W C; Morse, C R	11-Mar-54	19930088035	NACA-RM-E53L17
Flight measurements of directional stability to a Mach number of 1.48 for an airplane tested with three different vertical tail configurations	Drake, Hubert M; Finch, Thomas W; Peele, James R	7-Oct-55	19930088854	NACA-RM-H55G26
Orthotoluidine and triethylamine in rocket engine applications	Ladanyi, Dezso J	26-Jan-53	19930087478	NACA-RM-E52K19
Free-flight aerodynamic-heating data to a Mach number of 15.5 on a blunted conical nose with a total angle of 29 degrees	Bland, William M , Jr; Rumsey, Charles B; Lee, Dorothy B; Kolenkiewicz, Ronald	1-Aug-57	19930089909	NACA-RM-L57F28
Estimation of effectiveness of flap-type controls on sweptback wings	Lowry, John G; Schneiter, Leslie E	1-Aug-48	19930082306	NACA-TN-1674
Transonic wind-tunnel investigation of an unswept wing in combination with a systematic series of four bodies	Estabrooks, Bruce B	6-Jan-53	19930087379	NACA-RM-L52K12a
A method for calculation of free-space sound pressures near a propeller in flight including considerations of the chordwise blade loading	Watkins, Charles E; Durling, Barbara J	1-Nov-56	19930084587	NACA-TN-3809
Interferometric observation of flow about an isentropic (reverse Prandtl-Meyer streamline) compression wedge at Mach 3.0	Connors, James F; Woollett, Richard R; Blue, Robert E	28-Mar-55	19930088579	NACA-RM-E55A28

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The effect of blunt-trailing-edge elevons on the longitudinal and lateral handling qualities of the semitailless airplane	Saltzman, Edwin J	13-Jan-55	19930088514	NACA-RM-H54K03
Charts and approximate formulas for the estimation of aeroelastic effects on the lateral control of swept and unswept wings	Foss, Kenneth A; Diederich, Franklin W	1-Jul-52	19930083539	NACA-TN-2747
Drag due to lift at Mach numbers up to 2.0	Polhamus, Edward C	18-Nov-53	19930093788	NACA-RM-L53I22b
Preliminary investigation of performance of variable-throat extended-plug-type nozzles over wide range of nozzle pressure ratios	Ciepluch, Carl C; Krull, H George; Steffen, Fred W	5-Feb-54	19930086971	NACA-RM-E53J28
Preliminary investigation of several root designs for cermet turbine blades in turbojet engine III : curved-root design	Pinkel, Benjamin; Deutsch, George C; Morgan, William C	28-Dec-55	19930088975	NACA-RM-E55J04
Calculations of the supersonic wave drag of nonlifting wings with arbitrary sweepback and aspect ratio : wings swept behind the Mach lines	Harmon, Sidney M; Swanson, Margaret D	1-May-47	19930082053	NACA-TN-1319
A simplified method for evaluating jet-propulsion-system components in terms of airplane performance	Weber, Richard J; Luidens, Roger W	6-Dec-56	19930090213	NACA-RM-E56J26
An investigation of the low-speed stability and control characteristics of a 1/10-scale model of the McDonnell XF3H-1 airplane : TED No. NACA DE 344	Draper, John W	11-Oct-51	19930087084	NACA-RM-SL51J12
Hydrodynamic characteristics of a swept planing-tail hull	Mckann, Robert E; Coffee, Claude W; Arabian, Donald D	12-Sep-49	19930085869	NACA-RM-L9D15
Low-speed yawed-rolling characteristics and other elastic properties of a pair of 26-inch-diameter, 12-ply-rating, type VII aircraft tires	Horne, Walter B; Smiley, Robert F; Stephenson, Bertrand H	1-May-56	19930084283	NACA-TN-3604
Static lateral stability data from an exploratory investigation at Mach number of 6.86 of an airplane configuration having a wing of trapezoidal plan form	Ridyard, Herbert W; Fetterman, David E , Jr; Penland, Jim A	15-Feb-55	19930088692	NACA-RM-L55A21a
Turbulent boundary-layer temperature recovery factors in two-dimensional supersonic flow	Tucker, Maurice; Maslen, Stephen H	1-Feb-51	19930082955	NACA-TN-2296
On the use of a damped sine-wave elevator motion for computing the design maneuvering horizontal-tail load	Sadoff, Melvin	1-Jan-53	19930083767	NACA-TN-2877
Longitudinal turbulent spectrum survey of boundary layers in adverse pressure gradients	Sandborn, Virgil A; Slogar, Raymond J	1-May-55	19930084136	NACA-TN-3453
Starting characteristics and combustion performance of magnesium slurry in 6.5-inch-diameter ram-jet engine mounted in connected-pipe facility	Gibbs, James B	28-Jan-54	19930087333	NACA-RM-E53K05
Method for studying helicopter longitudinal maneuver stability	Amer, Kenneth B	1-Oct-53	19930083802	NACA-TN-3022
Lateral-control investigation at transonic speeds of differentially deflected horizontal-tail surfaces for a configuration having a 6-percent-thick 45 degree sweptback wing	Critzos, Chris C	15-Nov-55	19930088911	NACA-RM-L55I26
Low-speed pressure distributions over the drooped-nose flap of a 42 degrees sweptback wing with circular-arc airfoil sections at a Reynolds number of 5.3×10^6	Woods, Robert L; Spooner, Stanley H	23-Sep-48	19930085435	NACA-RM-L8F16

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Flight tests at supersonic speeds to determine the effect of taper on the zero-lift drag of sweptback low-aspect-ratio wings	Pittel, Murray	1-Jun-56	19930084447	NACA-TN-3697
Static stability and control of canard configurations at Mach numbers from 0.70 to 2.22 : longitudinal characteristics of a triangular wing and canard	Boyd, John W; Peterson, Victor L	22-Jan-58	19930090085	NACA-RM-A57J15
The effects of compressibility on the pressures on a body of revolution and on the aerodynamic characteristics of a wing-nacelle combination consisting of the body of revolution mounted on a swept-back wing	Boltz, Frederick W; Beam, Benjamin H	26-Jul-50	19930086206	NACA-RM-A50E09
Preliminary study of some factors which affect the stall-flutter characteristics of thin wings	Rainey, A Gerald	2-Jul-52	19930087114	NACA-RM-L52D08
Effect of vertical-tail area and length on the yawing stability characteristics of a model having a 45 degree sweptback wing	Letko, William	1-May-51	19930083094	NACA-TN-2358
Charts for estimating downwash behind rectangular, trapezoidal, and triangular wings at supersonic speeds	Haefeli, Rudolph C; Mirels, Harold; Cummings, John L	1-Aug-50	19930082761	NACA-TN-2141
Standard procedures for rating and testing multistage axial-flow compressors		1-Sep-46	19930081789	NACA-TN-1138
Effects of internal configuration on afterburner shell temperatures	Conrad, E William; Jansen, Emmert T	8-Jan-52	19930086781	NACA-RM-E51I07
A wind-tunnel investigation of the stability of the antisubmarine rocket MK 1 Mod 0	Lichtenstein, Jacob H; Williams, James L	13-Nov-52	19930087374	NACA-RM-SL52K05
Theory and procedure for determining loads and motions in chine-immersed hydrodynamic impacts of prismatic bodies	Schnitzer, Emmanuel	1-Nov-52	19930083565	NACA-TN-2813
Deflection of delta wings having a carry-through-bay chord smaller than the wing root chord	Peters, Roger W; Stein, Manuel	1-May-53	19930083657	NACA-TN-2927
Analysis of stresses and deflections in a disk subjected to gyroscopic forces	Hirschberg, M H; Mendelson, A	1-Mar-58	19930085134	NACA-TN-4218
Design and evaluation of a turbojet-exhaust simulator with a solid-propellant rocket motor for free-flight research	Leiss, Abraham	5-Jul-57	19930089701	NACA-RM-L57E10a
Effect of critical Mach number and flutter on maximum power loading of ducted fans	Regier, Arthur A; Barmby, John G; Hubbard, Harvey H	1-Jun-47	19930081955	NACA-TN-1330
Longitudinal frequency-response characteristics of a 35 degree swept-wing airplane as determined from flight measurements, including a method for the evaluation of transfer functions	Triplett, William C; Smith, G Allan	19-Sep-51	19930086672	NACA-RM-A51G27
Three-dimensional transonic flow theory applied to slender wings and bodies	Heaslet, Max A; Spreiter, John R	1-Jul-56	19930084507	NACA-TN-3717
Large-scale flight measurements of zero-lift drag at Mach numbers form 0.86 to 1.5 of a wing-body combination having a 60 degree triangular wing with NACA 65A003 sections	Nelson, Robert L	1-Jun-50	19930086346	NACA-RM-L50D26
Spray characteristics of four flying-boat hulls as affected by length-beam ratio	Hodges, William W; Woodward, David R	1-Jan-48	19930085424	NACA-RM-L8E20

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Investigation at supersonic speeds of some of the factors affecting the flow over a rectangular wing with symmetrical circular-arc section and 30-percent-chord trailing-edge flap	Czarnecki, K R; Mueller, James N	2-Jan-51	19930086627	NACA-RM-L50J18
Comparison of two-dimensional air flows about an NACA 0012 airfoil of 1-inch chord at zero lift in open and closed 3-inch jets and corrections for jet-boundary interference	Wright, Ray H; Donaldson, Coleman Dup	1-May-46	19930081726	NACA-TN-1055
Wind-tunnel investigation of effects of ground proximity and of split flaps on the lateral stability derivatives of a 60 degree delta-wing model oscillating in yaw	Jaquet, Byron M	1-Sep-57	19930084915	NACA-TN-4119
Jet-boundary and plan-form corrections for partial-span models with reflection plane, end plate, or no end plate in a closed circular wind tunnel	Sivells, James C; Deters, Owen J	1-Jun-46	19930081683	NACA-TN-1077
A transonic investigation of the aerodynamic characteristics of plate- and bell- type outlets for auxiliary air	Nelson, William J; Dewey, Paul E	3-Sep-52	19930087254	NACA-RM-L52H20
Analysis of the effects of various mass, aerodynamic, and dimensional parameters on the dynamic lateral stability of the Douglas D-558-2 Airplane	Michael, W H , Jr; Queijo, M J	15-Apr-49	19930085921	NACA-RM-L9A24
Determination of centrifugal-compressor performance on basis of static-pressure measurements in vaneless diffuser	Ginsburg, Ambrose; Johnsen, Irving A; Redlitz, Alfred C	1-Jun-49	19930082557	NACA-TN-1880
Experimental influence coefficients and vibration modes of a built-up 45 degree delta-wing specimen	Kordes, Eldon E; Kruszewski, Edwin T; Weidman, Deene J	1-May-57	19930084849	NACA-TN-3999
A relation between burning velocity and quenching distance	Potter, A E , Jr; Berlad, A L	1-Nov-56	19930084713	NACA-TN-3882
Langley 9 inch supersonic tunnel tests of a model of the Hughes Aircraft Company MX-904 missile (Falcon), presentation of additional three-component data and some static rolling-moment data	Rainey, Robert W	27-Jul-50	19930093814	NACA-RM-SL50G07
Effect of various outboard and central fins on low-speed yawing stability derivatives of a 60 degree delta-wing model	Goodman, Alex	19-Jun-50	19930086219	NACA-RM-L50E12a
Experimental investigation of thrust augmentation of 4000-pound-thrust axial-flow-type turbojet engine by interstage injection of water-alcohol mixtures in compressor	Chelko, Louis J; Useller, James W; Povolny, John H	6-Apr-50	19930086095	NACA-RM-E9K30
Experimental investigation of the static aerodynamic and dynamic damping-in-roll characteristics of an 8-cm aircraft rocket with solid and slotted fins	Chubb, Robert S	2-Jun-52	19930087011	NACA-RM-A52C04
Experimental investigation of air-cooled turbine blades in turbojet engine VI : conduction and film cooling of leading and trailing edges of rotor blades	Arne, Vernon L; Esgar, Jack B	18-May-51	19930086589	NACA-RM-E51C29
Resonance sound absorber with yielding wall	Rzhevkin, S N	1-May-51	19930093952	NACA-TM-1273
Tests of a triangular wing of aspect ratio 2 in the Ames 12-foot pressure wind tunnel I : the effect of Reynolds number and Mach number on the aerodynamic characteristics of the wing with flap undeflected	Edwards, George G; Stephenson, Jack D	22-Jan-48	19930085772	NACA-RM-A7K05

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Transonic wind-tunnel investigation of the effects of body indentation on the aerodynamics of a semielliptical sweptback wing-root inlet configuration	Arvid, Keith L , Jr	25-Mar-54	19930088149	NACA-RM-L54A29
An experimental investigation of the hinge-moment characteristics of a constant-chord control surface oscillating at high frequency	Reese, David E JR; Carlson, William C A	1-Dec-55	19930093778	NACA-RM-A55J24
Analysis of wind-tunnel tests at low speeds of a four-engine propeller-driven airplane configuration having a wing with 40 degrees of sweepback	Edwards, George, G; Buell, Donald A	8-Oct-54	19930088217	NACA-RM-A54F14
Low-speed investigation of the lateral control characteristics of three tip ailerons on a 60 degree triangular wing	Gottlieb, Stanley M	17-Aug-53	19930087687	NACA-RM-L53F16a
Investigation of drag and static longitudinal and lateral stability characteristics of a 1/15-scale model of the Grumman F11F-1F airplane at Mach numbers of 1.56, 1.76, 2.06, and 2.53 : TED No. NACA AD 3125	Turner, Kenneth L; Fournier, Roger H	30-Nov-56	19930089648	NACA-RM-SL56K21
Flight investigation of effects of retreating-blade stall on bending and torsional moments encountered by a helicopter rotor blade	Ludi, Leroy H	1-May-58	19930085244	NACA-TN-4254
Low-pressure performance of experimental prevaporizing tubular combustor using approximately stoichiometric admission of fuel-air mixture into the primary zone	Hibbard, Robert R; Metzler, Allen J; Scull, Wilfred E	19-Aug-54	19930088327	NACA-RM-E54F25a
Increasing the compressive strength of 24S-T aluminum-alloy sheet by flexure rolling	Heimerl, George J; Woods, Walter	1-Aug-46	19930081757	NACA-TN-1119
Investigation at high subsonic speeds of the static longitudinal stability characteristics of a model having cropped-delta and unswept wing plan forms and several tail configurations	Few, Albert G , Jr	30-Nov-55	19930088904	NACA-RM-L55I23a
Effects of boundary-layer separation on normal force and center of pressure of a cone-cylinder model with a large base flare at Mach numbers from 3.00 to 6.28	Dennis, David H; Syvertson, Clarence A	3-Oct-55	19930089015	NACA-RM-A55H09
Effects of jet exhausts on flight-determined longitudinal and lateral dynamic stability characteristics of the Douglas D-558-II research airplane	Wolowicz, Chester H; Rediess, Herman A	23-Aug-57	19930089762	NACA-RM-H57G09
The effect of simulated icing on propeller performance	Corson, Blake W; Maynard, Julian D	1-Jun-46	19930081700	NACA-TN-1084
Ordinates and theoretical pressure-distribution data for NACA 6- and 6A-series airfoil sections with thicknesses from 2 to 21 and from 2 to 15 percent chord, respectively	Patterson, Elizabeth W; Braslow, Albert L	1-Sep-58	19930085124	NACA-TN-4322
Fuel tests on an I-16 jet-propulsion engine at static sea-level conditions	Bolz, Ray E; Meigs, John B	29-Apr-47	19930085628	NACA-RM-E7B01
The structure of turbulence in fully developed pipe flow	Laufer, John	1-Jun-53	19930083975	NACA-TN-2954
Investigation of a gas turbine with National Bureau of Standards body 4811 ceramic rotor blades	Freche, John C; Sheflin, Bob W	28-Oct-48	19930085441	NACA-RM-E8G20
An analysis of the optimization of a beam rider missile system	Shinbrot, Marvin; Carpenter, Grace C	1-Mar-58	19930085004	NACA-TN-4145

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Aerodynamic characteristics at subcritical and supercritical Mach numbers of two airfoil sections having sharp leading edges and extreme rearward positions of maximum thickness	Eggers, A J , Jr	6-Nov-47	19930085638	NACA-RM-A7C10
Pressure distributions on the blade sections of the NACA 10-(3)(049)-033 propeller under operating conditions	Gray, W H; Hunt, Robert M	14-Feb-50	19930086329	NACA-RM-L9L23
Flight-test investigation on the Langley control-line facility of a model of a propeller-driven tail-sitter-type vertical-take-off airplane with delta wing during rapid transitions	Schade, Robert O	1-Aug-57	19930085032	NACA-TN-4070
Experimental investigation at supersonic speeds of twin-scoop duct inlets of equal area II : effects of slots upon an inlet enclosing 61.5 percent of the maximum circumference of the forebody	Goldstein, David L; Davis, Wallace F	9-Jun-48	19930085321	NACA-RM-A8C11
Probability and frequency characteristics of some flight buffet loads	Huston, Wilber B; Skopinski, T H	1-Aug-56	19930084490	NACA-TN-3733
Tabulated pressure coefficients and aerodynamic characteristics measured in flight on the wing of the Douglas D-558-I airplane for a 1 g stall, a speed run to a Mach number of 0.90, and a wind-up turn at a Mach number of 0.86	Keener, Earl R; Pierce, Mary	1-Dec-50	19930086579	NACA-RM-L50J10
An analysis of the skipping characteristics of some full-size flying boats	Locke, F W S , Jr	1-Jan-46	19930092494	NACA-WR-W-104, NACA-ARR-5J24
Measurement of static forces on internally carried bombs of three fineness ratios in flow field of a swept-wing fighter-bomber configuration at a Mach number of 1.61 with illustrative drop-path calculations	Smith, Norman F; Carlson, Harry W	10-Jan-57	19930089565	NACA-RM-L56I18
Investigation of semivaneless turbine stator designed to produce axially symmetrical free-vortex flow	Rohlik, Harold E; Wintucky, William T	1-Apr-57	19930084730	NACA-TN-3980
Thermal stability of pentaborane in the range 329 to 419 F	Mcdonald, Glen E	19-Dec-56	19930088359	NACA-RM-E54G16
Correlation, evaluation, and extension of linearized theories for tire motion and wheel shimmy	Smiley, Robert F	1-Jun-56	19930084381	NACA-TN-3632
High-speed aerodynamic characteristics of four thin NACA 63-series airfoils	Ilk, Richard J	31-Dec-47	19930085755	NACA-RM-A7J23
Heat capacity lag in gases	Walker, Richard	1-Nov-51	19930083419	NACA-TN-2537
Investigation of suction slot shapes for controlling a turbulent boundary layer	Pierpont, P Kenneth	1-Jan-56	19930085568	NACA-RM-L6H20
An investigation of effects of reversed-type longitudinal steps on resistance and spray characteristics of a flying-boat hull	Carter, Arthur W; Clement, Eugene P; Morewitz, Alvin H	1-Jul-47	19930081981	NACA-TN-1356
Method for estimating combustion efficiency at altitude flight conditions from combustor tests at low pressures	Olson, Walter T; Childs, J Howard; Scull, Wilfred E	27-Aug-53	19930087695	NACA-RM-E53F17
Spark-timing control based on correlation of maximum-economy spark timing, flame-front travel, and cylinder pressure rise	Cook, Harvey A; Heinicke, Orville H; Haynie, William H	1-Feb-47	19930082138	NACA-TN-1217
The rupture-test characteristics of heat-resistant sheet alloys at 1700 F and 1800 F	Freeman, J W; Reynolds, E E; WHITE A E	1-Feb-48	19930082102	NACA-TN-1465

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Results of Preliminary Flight Tests of the XS-1 Airplane (8-Percent Wing) to a Mach Number of 1.25	Williams, W C; Beeler, De E	6-Apr-48	19930085391	NACA-RM-L8A23a
Some effects of fuselage flexibility on longitudinal stability and control	Klawans, Bernard B; Johnson, Harold I	1-Apr-56	19930084290	NACA-TN-3543
Cascade investigation of a related series of 6-percent-thick guide-vane profiles and design charts	Dunavant, James C	1-May-57	19930084696	NACA-TN-3959
Investigation at transonic speeds of the loading over a 45 degree sweptback wing having an aspect ratio of 3, a taper ratio of 0.2, and NACA 65A004 airfoil sections	Runckel, Jack F; Lee, Edwin E , Jr	8-Oct-56	19930089373	NACA-RM-L56F12
Criteria for condensation-free flow in supersonic tunnels	Burgess, Warren C , Jr; Seashore, Ferris L	1-Dec-51	19930083279	NACA-TN-2518
The effect of blade-section camber on the stall-flutter characteristics of three NACA propellers at zero advance	Allis, Arthur E; Swihart, John M	6-Apr-53	19930082070	NACA-RM-L53B17
On rotational conical flow	Ferrari, Carlo	1-Feb-52	19930093897	NACA-TM-1333
Some effects of small-scale flow disturbance on nozzle-burner flames	Wong, Edgar L	1-Sep-56	19930084453	NACA-TN-3765
Transonic wind-tunnel investigation of static longitudinal and lateral stability and control characteristics and drag rise of a 0.042-scale model of the Chance Vought XF8U-1 airplane : TED No. NACA DE 392	Pierpont, P Kenneth	28-Sep-56	19930089574	NACA-RM-SL56I19
A study of the effects of body shape on the vortex wakes of inclined bodies at a Mach number of 2	Gowen, Forrest E; Perkins, Edward W	1-Dec-53	19930088250	NACA-RM-A53I17
Critical stress of thin-walled cylinders in torsion	Batdorf, S B; Stein, Manuel; Schildcrout, Murry	1-Jun-47	19930081969	NACA-TN-1344
A preliminary investigation of combustion with rotating flow in an annular combustion chamber	Schwartz, Ira R	18-Sep-51	19930086820	NACA-RM-L51E25a
Method of analysis for compressible flow arbitrary turbomachine blades on general surface of revolution	Wu, Chung-Hua; Brown, Curtis A	1-Jul-51	19930082972	NACA-TN-2407
Jet effects on flow over afterbodies in supersonic stream	Cortright, Edgar M , Jr; Kochendorfer, Fred D	16-Nov-53	19930087663	NACA-RM-E53H25
Measurements of atmospheric turbulence over a wide range of wavelength for one meteorological condition	Crane, Harold L; Chilton, Robert G	1-Jun-56	19930084464	NACA-TN-3702
A multiple-range self-balancing thermocouple potentiometer	Warshawsky, I; Estrin, M	5-Nov-51	19930086954	NACA-RM-E51H31
Survey of hydrogen combustion properties	Drell, Isadore L; Belles, Frank E	26-Jul-57	19930089867	NACA-RM-E57D24
Some tests of the longitudinal stability and control of an H-13B helicopter in forward flight	Reeder, John P; Haig, Chester R , Jr	1-Aug-49	19930086030	NACA-RM-L9E25a
Ignition delays of alkyl thiophosphites with white and red fuming nitric acids within temperature range 80 to -105 F	Miller, Riley O; Ladanyi, Dezso J	3-Feb-53	19930087413	NACA-RM-E52K25
Overbalancing in residual-liquidation computations	Niles, Alfred S	1-Feb-49	19930082093	NACA-TN-1457
Flight-determined transonic lift and drag characteristics of the YF-102 airplane with two wing configurations	Saltzman, Edwin J; Bellman, Donald R; Musialowski, Norman T	20-Jul-56	19930089423	NACA-RM-H56E08
Triangular and intergranular fracture of ingot iron during creep	Shepard, L A; Giedt, W H	1-Aug-58	19930085102	NACA-TN-4285

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Temperature-composition limits of spontaneous explosion for nine alkylsilanes with air at atmospheric pressure	Schalla, Rose L; Mcdonald, Glen E	1-Feb-55	19930084114	NACA-TN-3405
Preliminary aerodynamic investigation of the effect of camber on a 60 degree delta wing with round and beveled leading edges	Riebe, John M; Fikes, Joseph E	16-Aug-49	19930086083	NACA-RM-L9F10
Some aspects of supersonic inlet stability	Connors, James F	29-Feb-56	19930089022	NACA-RM-E55L16a
Theoretical turbojet thrust augmentation by evaporation of water during compression as determined by use of a Mollier diagram	Trout, Arthur M	1-Jun-50	19930082907	NACA-TN-2104
Further investigation of NACA 4-(5)(08)-03 two-blade propeller at high forward speeds	Carmel, Melvin M; Robinson, Harold L	26-May-47	19930085680	NACA-RM-L7E12
Counting methods and equipment for mean-value measurements in turbulence research	Liepmann, H W; Robinson, M S	1-Oct-53	19930083674	NACA-TN-3037
Free-spinning-tunnel investigation of effect of inverted-vee ventral fins on spin and recovery characteristics of Chance Vought XF8U-1 airplane : TED No. NACA DE 392	Klinar, Walter J; Scher, Stanley H	28-Dec-56	19930089656	NACA-RM-SL56L31a
Study of pressure effects on vaporization rate of drops in gas streams	Ingebo, Robert D	1-Jan-53	19930083570	NACA-TN-2850
Preliminary investigation of the effects of external wing fuel tanks on ditching behavior of a sweptback-wing airplane	Mcbride, Ellis E	1-Jul-56	19930084480	NACA-TN-3710
Summary of 65-series compressor-blade low-speed cascade data by use of the carpet-plotting technique	Felix, A Richard	2-Nov-54	19930088319	NACA-RM-L54H18a
The spot welding of Alclad 24S-T in thicknesses of 0.064, 0.081, and 0.102 inch	Hess, W F; Wyant, R A; Winsor, F J	1-Nov-47	19930082062	NACA-TN-1411
Effect of wedge-type boundary-layer diverters on performance of half-conical side inlets at Mach number 2.96	Johnson, Harry W; Piercy, Thomas G	1-Aug-54	19930087655	NACA-RM-E54E20
Effects of several geometric variables on internal performance of short convergent-divergent exhaust nozzles	Steffen, Fred W; Krull, H George; Schmiedlin, Ralph F	18-Feb-55	19930088564	NACA-RM-E54L09
Flight tests of an apparatus for varying dihedral effect in flight	Kauffman, William M; Smith, Allan; Liddell, Charles J JR; Cooper, George E	1-Dec-48	19930083230	NACA-TN-1788
The effects of boundary-layer separation over bodies of revolution with conical tail flares	Dennis, David H	12-Dec-57	19930090021	NACA-RM-A57I30
Distribution of normal component of induced velocity in lateral plane of a lifting rotor	Castles, Walter, Jr; Durham, Howard L , Jr	1-Dec-56	19930084612	NACA-TN-3841
Summary of normal accelerations, gust velocities, and operating practices, from April to August 1949 of a twin-engine airplane in commercial transport operations	Steiner, Roy; Mcdougal, Robert L	23-Aug-50	19930086245	NACA-RM-L50B02
The high-speed planing characteristics of a rectangular flat plate over a wide range of trim and wetted length	Weinstein, Irving; Kapryan, Walter J	1-Jul-53	19930083703	NACA-TN-2981

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An investigation of the aerodynamic characteristics of thin delta wings with a symmetrical double-wedge section at a Mach number of 6.9	Bertram, Mitchel H; Mccauley, William D	14-Oct-55	19930088660	NACA-RM-L55B14
Investigation of minimum drag and maximum lift-drag ratios of several wing-body combinations including a cambered triangular wing at low Reynolds numbers and at supersonic speeds	Brown, Clinton E; Hargrave, L K	1-Sep-58	19930085213	NACA-TN-4020
Effect of aerodynamic heating on the flutter of a rectangular wing at a Mach number of 2	Runyan, Harry L; Jones, Nan H	23-Jun-58	19930090127	NACA-RM-L58C31
Effects of horizontal-tail position, area, and aspect ratio on low-speed static longitudinal stability and control characteristics of a 60 degrees triangular-wing model having various triangular-all-movable horizontal tails	Jaquet, Byron M	14-Dec-51	19930086998	NACA-RM-L51I06
On pairs of solutions of a class of internal viscous flow problems with body forces	Ostrach, Simon; Albers, Lynn U	1-Jun-58	19930085048	NACA-TN-4273
Application of obliquely mounted strain gage to measurement of residual stresses in disks	Hirschberg, M H; Kemp, R H; Manson, S S	1-Sep-57	19930085252	NACA-TN-4027
Effects of compressibility on the flow past a two-dimensional bump	Lindsey, W F; Daley, Bernard N	22-Jan-47	19930085654	NACA-RM-L6K12b
A method of calculating a stability boundary that defines a region of satisfactory period-damping relationship of the oscillatory mode of motion	Sternfield, Leonard; Gates, Ordway B , Jr	1-Apr-49	19930082531	NACA-TN-1859
A theoretical analysis of the effect of engine angular momentum on longitudinal and directional stability in steady rolling maneuvers	Gates, Ordway B , Jr; Woodling, C H	7-Oct-55	19930088839	NACA-RM-L55G05
The synthesis and purification of aromatic hydrocarbons V : 1-ethyl-3-methylbenzene	Ebersole, Earl R	1-Nov-46	19930081907	NACA-TN-1164
Derivation of the equations of motion of a symmetrical wing-tip-coupled airplane configuration with rotational freedom at the junctures		8-Oct-51	19930086832	NACA-RM-L51G12
Free-flight investigation to determine the inlet external drag of four inlet models at Mach numbers from 1.50 to 3.00	Kouyoumjian, Walter L	21-Apr-58	19930090074	NACA-RM-L58B04
An experimental investigation of the base pressure characteristics of nonlifting bodies of revolution at Mach numbers from 2.73 to 4.98	Reller, John O , Jr; Hamaker, Frank M	17-Sep-52	19930087153	NACA-RM-A52E20
Propeller flight investigation to determine the effects of blade loading	Hammack, Jerome B; Vogeley, A W	1-Jan-50	19930082679	NACA-TN-2022
A description and a comparison of certain nonlinear curve-fitting techniques, with applications to the analysis of transient-response data	Shinbrot, Marvin	1-Feb-52	19930083447	NACA-TN-2622
On panel flutter and divergence of infinitely long unstiffened and ring-stiffened thin-walled circular cylinders	Leonard, Robert W; Hedgepeth, John M	1-Apr-56	19930084392	NACA-TN-3638
Flight investigation of a full-scale aircraft ejector with various spacing ratios and correlation with small-scale tests	Havill, C Dewey; Wingrove, Rodne C	26-Aug-58	19930090161	NACA-RM-A58D21
Performance of a blunt-lip side inlet with ramp bleed, bypass, and a long constant-area duct ahead of the engine : Mach number 0.66 and 1.5 to 2.1	Allen, John L	28-Dec-56	19930089455	NACA-RM-E56J01

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A method of solving the direct and inverse problem of supersonic flow along arbitrary stream filaments of revolution in turbomachines	Wu, Chung-Hua; Costilow, Eleanor L	1-Sep-51	19930083199	NACA-TN-2492
The forces and pressure distribution at subsonic speeds on a plane wing having 45 degrees of sweepback, an aspect ratio of 3, and a taper ratio of 0.5	Kolbe, Carl D; Boltz, Frederick W	16-Oct-51	19930086688	NACA-RM-A51G31
Effects of twist and camber, fences, and horizontal-tail height on the low-speed longitudinal stability characteristics of a wing-fuselage combination with a 45 degree sweptback wing of aspect ratio 8 at a Reynolds number of 4.0×10^6	Foster, Gerald V	9-Dec-52	19930087365	NACA-RM-L52J03
Combustion efficiency and altitude operational limits of three liquid hydrocarbon fuels having high volumetric energy content in a J33 single combustor	Stricker, Edward G	6-Nov-50	19930086362	NACA-RM-E50H28
Determination of the elastic constants of airplane tires	BOECKH	1-Nov-54	19930093852	NACA-TM-1378
A comparison of theoretical and experimental wing bending moments during seaplane landings	Merten, Kenneth F; Rodriguez, Jose L; Beck, Edgar B	1-Apr-50	19930082899	NACA-TN-2063
Investigation of the structural damping of a full-scale airplane wing	Fearnow, Dwight O	1-Feb-52	19930083133	NACA-TN-2594
Flutter and oscillating air-force calculations for an airfoil in a two-dimensional supersonic flow	Garrick, I E; Rubinow, S I	1-Oct-46	19930081835	NACA-TN-1158
Concerning the flow about ring-shaped cowlings of finite thickness Part I	Kuchemann, Dietrich	1-Jan-52	19930093905	NACA-TM-1325
Static longitudinal and lateral stability characteristics at low speed of 60 degree sweptback-midwing models having wings with an aspect ratio of 2, 4, or 6	Wolhart, Walter D; Thomas, David F	1-Sep-58	19930085180	NACA-TN-4397
A fundamental investigation of fretting corrosion	Uhlig, H H; Feng, I Ming; Tierney, W D; McClellan, A	1-Dec-53	19930083843	NACA-TN-3029
An investigation of three transonic fuselage air inlets at Mach numbers from 0.4 to 0.94 and at a Mach number of 1.19	Pendley, Robert E; Robinson, Harold L; Williams, Claude V	7-Nov-50	19930086371	NACA-RM-L50H24
The use of suction to prevent shock-induced separation in a nozzle	Sterrett, James R; Dunning, Robert W; Brevoort, Maurice J	30-Jan-51	19930086431	NACA-RM-L50K20
Cyclic engine operation of cast vitallium turbine blades at an exhaust-cone gas temperature of 1440 plus or minus 20 F	Yaker, Charles; Garrett, Floyd B	19-Sep-49	19930085937	NACA-RM-E9G13
Turbulence and heat stratification	Schlichting, Hermann	1-Oct-50	19930093968	NACA-TM-1262
Aerodynamic load measurements over a leading-edge slat on a 40 degree sweptback wing at Mach numbers from 0.10 to 0.91	Cahill, Jones F; Nuber, Robert J	23-Sep-52	19930087207	NACA-RM-L52G18A
Approximate aerodynamic influence coefficients for wings of arbitrary plan form in subsonic flow	Diederich, Franklin W	1-Jul-50	19930082800	NACA-TN-2092
Experimental rocket performance with 15 percent fluorine - 85 percent oxygen and JP4	Tomazic, William A; Rothenberg, Edward A	29-Aug-55	19930088708	NACA-RM-E55D29
Discussion of boundary-layer characteristics near the casing of an axial-flow compressor	Mager, Artur; Mahoney, John J; Budinger, Ray E	12-Dec-51	19930086794	NACA-RM-E51H07
Propeller-noise charts for transport airplanes	Hubbard, Harvey H	1-Jun-53	19930084076	NACA-TN-2968

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Turbojet performance and operation at high altitudes with hydrogen and jp-4 fuels	Fleming, W A; Kaufman, H R; Harp, J L , Jr; Chelko, L J	7-Aug-56	19930089385	NACA-RM-E56E14
Shear stress distribution along glue line between skin and cap-strip of an aircraft wing	Norris, Charles Brazer; Ringelstetter, L A	1-Jul-50	19930082770	NACA-TN-2152
Aerodynamic characteristics including scale effect of several wings and bodies alone and in combination at a Mach number of 1.53	Van Dyke, Milton D	20-Dec-46	19930085717	NACA-RM-A6K22
Effects of several arrangements of rectangular vortex generators on the static-pressure rise through a short 2:1 diffuser	Valentine, E Floyd; Carroll, Raymond B	20-Feb-51	19930086491	NACA-RM-L50L04
Effects of nose shape and spray control strips on emergence and planing spray of hydro-ski models	Mcgehee, John R	1-Jul-58	19930085150	NACA-TN-4294
Flight investigation of the drag of round-nosed bodies of revolution at Mach numbers from 0.6 to 1.5 using rocket-propelled test vehicles	Hart, Roger G	25-Jul-51	19930086743	NACA-RM-L51E25
An analysis of airspeed, altitude, and acceleration data obtained from a twin-engine transport airplane operated over a feeder-line route in the Rocky Mountains	Copp, Martin R; Fetner, Mary W	1-Oct-56	19930084624	NACA-TN-3750
Studies of the flow field behind a large scale 47.5 degree sweptback wing having circular-arc airfoil sections and equipped with drooped-nose and plain flaps	Lange, Roy H; Fink, Marvin P	10-Mar-52	19930086902	NACA-RM-L51L12
Flutter and divergence of rectangular wings of very low aspect ratio	Fralich, Robert W; Hedgepeth, John M; Tuovila, W J	28-Jun-57	19930089882	NACA-RM-L57F24
Surveys of the flow fields at the propeller planes of six 40 degree sweptback wing-fuselage-nacelle combinations	Rogallo, Vernon L; Mccloud, John L , III	1-Jun-53	19930084009	NACA-TN-2957
A comparison at Mach numbers up to 0.92 of the calculated and experimental downwash and wake characteristics at various horizontal tail heights behind a wing with 45 degree of sweepback	Stephenson, Jack D; Selan, Ralph; Bandettini, Angelo	28-Jun-55	19930088699	NACA-RM-A55D27a
Calculation of transonic flows past thin airfoils by integral method	Perl, William	1-Jul-50	19930082753	NACA-TN-2130
Analytical and experimental investigation of 90 degrees supersonic turning passages suitable for supersonic compressors or turbines	Liccini, Luke L	12-Sep-49	19930085930	NACA-RM-L9G07
Icing protection for a turbojet transport airplane : heating requirements methods of protection, and performance penalties	Gelder, Thomas F; Lewis, James P; Koutz, Stanley L	1-Jan-53	19930083662	NACA-TN-2866
Charts relating the compressive and shear buckling stresses of longitudinally supported plates to the effective deflectional stiffness	Johnson, Aldie E	1-Feb-58	19930085139	NACA-TN-4188
Experimental lift-drag ratios for two families of wing-body combinations at supersonic speeds	Jorgensen, Leland H	10-Mar-58	19930089841	NACA-RM-A58A08
The effect of several jet-engine air-inlet configurations on the low-speed static lateral stability characteristics of a 1/6-scale model of the MX-1764 airplane	Croom, Delwin R	4-Mar-54	19930088183	NACA-RM-SL54C12
Some characteristics of roll controls having possible application to fin-stabilized ammunition	Schult, Eugene D	27-Mar-57	19930090311	NACA-RM-L57A04

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Wing-load measurements of the Bell X-5 research airplane at a sweep angle of 58.7 degrees	Banner, Richard D; Reed, Robert D; Marcy, William L	4-Apr-55	19930088628	NACA-RM-H55A11
A review of the thermodynamic, transport, and chemical reaction rate properties of high-temperature air	Hansen, C Frederick; Heims, Steve P	1-Jul-58	19930085278	NACA-TN-4359
Experimental investigation at supersonic speeds of side scoops employing boundary-layer suction	Edwards, Sherman S	12-Dec-49	19930085997	NACA-RM-A9I29
Effect of steady rolling on longitudinal and directional stability	Phillips, William H	1-Jun-48	19930082293	NACA-TN-1627
Helicopter instrument flight and precision maneuvers as affected by changes in damping in roll, pitch, and yaw	Whitten, James B; Reeder, John P; Crim, Almer D	1-Nov-55	19930084256	NACA-TN-3537
Determination of gas-to-blade convection heat-transfer coefficients on a forced-convection, water-cooled single-stage aluminum turbine	Freche, John C; Schum, Eugene F	3-Jan-51	19930086642	NACA-RM-E50J23
Comparison of flutter calculations using various aerodynamic coefficients with experimental results for some rectangular cantilever wings at Mach number 1.3	Nelson, Herbert C; Rainey, Ruby A	1-Nov-54	19930084041	NACA-TN-3301
Estimation of incremental pitching moments due to trailing-edge flaps on swept and triangular wings	James, Harry A; Hunton, Lynn W	1-Jul-57	19930084783	NACA-TN-4040
Air load distributions on a flapped wing resulting from leading-edge and trailing-edge blowing	Mclemore, H Clyde	5-Jun-57	19930089857	NACA-RM-L57D23b
Plate compressive strength of FS-1H magnesium-alloy sheet and a maximum-strength formula for magnesium-alloy and aluminum-alloy formed sections	Gallaher, George L	1-Oct-48	19930082405	NACA-TN-1714
Wind-tunnel investigation of an NACA 0009 airfoil with 0.25-and 0.50-airfoil-chord plain flaps tested independently and in combination	Spearman, M Leroy	1-Mar-48	19930082201	NACA-TN-1517
A revised formula for the calculation of gust loads	Pratt, Kermit G	1-Jun-53	19930084025	NACA-TN-2964
A method for the determination of air infiltration rates in airplane cabins	Stalder, Jackson R; Zeiller, E Lewis	1-Apr-46	19930081818	NACA-TN-1017
Comparison of Calculated and Experimental Temperatures and Coolant Pressure Losses for a Cascade of Small Air-Cooled Turbine Rotor Blades	Stepka, Francis S	4-Sep-58	19930090144	NACA-RM-E58E20
A summary of the low-lift drag and longitudinal trim characteristics of two versions of an interceptor-type airplane as determined from flight tests of rocket-powered models at Mach numbers between 0.75 and 1.78	Blanchard, Williard S , Jr	26-Nov-54	19930088433	NACA-RM-L54H31
Generalized performance comparison of large conventional, tail boom, and tailless airplanes	Ankenbruck, Herman O; Mckinney, Marion O , Jr	1-Oct-47	19930082130	NACA-TN-1477
Gust-tunnel investigation to determine effects of center-of-gravity position on the gust loads of a delta-wing model with leading edge swept back 60 degrees	Reisert, Thomas D; Maglieri, Domenic J	5-Jun-53	19930087513	NACA-RM-L53A30
Stability and control characteristics at low speed of a 1/10-scale model of MX-1554A design	Lockwood, Vernard E; Solomon, Martin	13-Jan-53	19930087450	NACA-RM-SL53A05
An analysis of the relation between horizontal temperature variations and maximum effective gust velocities in thunderstorms	Press, H; Thompson, J K	1-Jul-49	19930082595	NACA-TN-1917

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Tests in the Ames 40- by 80-foot wind tunnel of an airplane configuration with an aspect ratio 2 triangular wing and an all-movable horizontal tail : longitudinal characteristics	Graham, David; Koenig, David G	23-Apr-51	19930086542	NACA-RM-A51B21
An experimental study of the relation between airplane and wing-vane measurements of atmospheric turbulence.	Tolefson, H B; Thompson, J K; Pratt, K G	17-Jul-53	19930087465	NACA-RM-L52L29b
Lift, drag, and pitching moment of low-aspect-ratio wings at subsonic and supersonic speeds	Hall, Charles F	14-Apr-53	19930090295	NACA-RM-A53A30
Buffeting forces on two-dimensional airfoils as affected by thickness and thickness distribution	Coe, Charles F; Mellenthin, Jack A	4-Feb-54	19930087969	NACA-RM-A53K24
Investigation of the performance and internal flow of a variable-area, variable-internal-contraction inlet at Mach numbers of 2.00, 2.50, and 2.92	Scherrer, Richard; Anderson, Warren E	15-Jul-58	19930090091	NACA-RM-A58C24
Investigation of Reynolds number effect on performance of an eight-stage axial-flow research compressor with long- and medium-chord lengths in the two transonic inlet stages	Sievers, Gilbert K; Geye, Richard P; Lucas, James G	18-Feb-58	19930089995	NACA-RM-E57J30
Theoretical investigation of the attack phase of an automatic interceptor system at supersonic speeds with particular attention to aerodynamic and dynamic representation of the interceptor	Sherman, Windsor L; Schy, Albert A	25-Jan-57	19930089472	NACA-RM-L56J08
Static longitudinal and lateral stability and control data from an exploratory investigation at a Mach number of 6.86 of an airplane configuration having a wing of trapezoidal plan form	Fetterman, David E , Jr; Penland, Jim A; Ridyard, Herbert W	29-Apr-55	19930088643	NACA-RM-L55C04
Data on the Compressive Strength of 75S-T6 Aluminum-Alloy Flat Panels with Longitudinal Extruded Z-Section Stiffeners	Hickman, William A; Dow, Norris F	1-Mar-49	19930082514	NACA-TN-1829
Results of two experiments on flutter of high-aspect-ratio swept wings in the transonic speed range	Lauten, W T , Jr; O'Kelly, Bruke R	3-Jul-52	19930086981	NACA-RM-L52D24b
Results of turbojet engine operation tests using a 50-50 mixture of JP-4 and tributyl borate as the fuel	Schafer, Louis J , Jr; Stepka, Francis S	16-Jan-57	19930087435	NACA-RM-E52L17a
Effects of fabrication-type roughness on turbulent skin friction at supersonic speeds	Czarnecki, K R; Sevier, John R , Jr; Carmel, Melvin M	1-Jul-58	19930085196	NACA-TN-4299
A simplified instrument for recording and indicating frequency and intensity of icing conditions encountered in flight	Perkins, Porter J; Mccullough, Stuart; Lewis, Ralph D	3-Jul-51	19930086771	NACA-RM-E51E16
Static shear strength of 2117-T4 (A17S-T4) aluminum-alloy rivets at elevated temperatures	Dewalt, W J; Bogardus, K O	4-Jan-56	19930088952	NACA-RM-55I30
An application of lifting-surface theory to the prediction of angle-of-attack hinge-moment parameters for aspect ratio 4.5 wings	Jones, Arthur L; Flanagan, Mildred G; Sluder, Loma	1-Sep-47	19930082115	NACA-TN-1420
The performance of a composite engine consisting of a reciprocating spark-ignition engine, a blow-down turbine, and a steady-flow turbine	Turner, L Richard; Noyes, Robert N	1-Oct-47	19930082079	NACA-TN-1447

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Summary of spin and recovery characteristics of 12 models of flying wing and unconventional type airplanes	Stone, Ralph W , Jr; Hultz, Burton E	1-Mar-51	19930086556	NACA-RM-L50L29
Correction factors for wind tunnels of elliptic section with partly open and partly closed test section	Riegels, Fritz W	1-Mar-51	19930093920	NACA-TM-1310
Aerodynamics of missiles employing wings of very low aspect ratio	Katzen, Elliot D; Jorgensen, Leland H	5-Mar-56	19930088988	NACA-RM-A55L13b
A transformation theory of the partial differential equations of gas dynamics	Loewner, Charles	1-Apr-50	19930082737	NACA-TN-2065
An investigation at transonic speeds of the effects of control chord and span on the control characteristics of a tapered wedge-type wing of aspect ratio 2.5 : transonic-bump method	Vogler, Raymond D; Turner, Thomas R; Lockwood, Vernard, E	20-Sep-51	19930086757	NACA-RM-L51G03
Water-impact theory for aircraft equipped with nontrimming hydro-skis mounted on shock struts	Schnitzer, Emanuel	18-Oct-54	19930088335	NACA-RM-L54H10
Transient heating effects on the bending strength of integral aluminum-alloy box beams	Pride, Richard A; Hall, John B , Jr	1-Mar-58	19930085078	NACA-TN-4205
Analytical determination of the mechanism of an airplane spin recovery with different applied yawing moments by use of rotary-balance data	Burk, Sanger M , Jr	1-Dec-54	19930084090	NACA-TN-3321
Generalized conical-flow fields in supersonic wing theory	Lomax, Harvard; Heaslet, Max A	1-Sep-51	19930083213	NACA-TN-2497
Investigation of a ramp-type inlet designed for improved angle-of-attack performance at Mach number 2.0	Wise, G A; Campbell, R C	23-Feb-55	19930088547	NACA-RM-E54L17
Experimental investigation of screeching combustion in full-scale afterburner	Usow, Karl H; Meyer, Carl L; Schulze, Frederick W	4-Dec-53	19930089098	NACA-RM-E53I01
Analysis of pressure distributions for a series of tip and trailing-edge controls on a 60 degree delta wing at Mach numbers of 1.61 and 2.01	Lord, Douglas R; Czarnecki, K R	16-May-58	19930090037	NACA-RM-L58C07
Application of two-dimensional vortex theory to the prediction of flow fields behind wings of wing body combinations at subsonic and supersonic speeds	Rogers, Arthur WM	1-Sep-54	19930084163	NACA-TN-3227
Reflection of weak shock wave from a boundary layer along a flat plate II : interaction of oblique shock wave with a laminar boundary layer analyzed by differential-equation method	Kuo, Yung-Huai	1-Jan-53	19930083719	NACA-TN-2869
Combined-stress fatigue strength of 76S-T61 aluminum alloy with superimposed mean stresses and corrections for yielding	Findley, William N	1-May-53	19930083649	NACA-TN-2924
Investigation of the effect of a nacelle at various chordwise and vertical positions on the aerodynamic characteristics at high subsonic speeds of a 45 degrees sweptback wing with and without a fuselage	Silvers, Norman; King, Thomas J , Jr; Pasteur, Thomas B , Jr	24-Sep-51	19930086894	NACA-RM-L51H16
A method of selecting the thickness, hollowness, and size of a supersonic wing for least drag and sufficient bending strength at specified flight conditions	Amick, James L	1-Jul-52	19930083515	NACA-TN-2754
An investigation at low speed of a 51.3 degrees sweptback semispan wing with a raked tip and with 16.7-percent-chord ailerons having three spans and three trailing-edge angles	Schneider, Leslie E; Fischel, Jack	21-Jul-48	19930085479	NACA-RM-L8F29

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Preliminary correlation of efficiency of aircraft gas-turbine combustors for different operating conditions	Childs, J Howard	21-Sep-50	19930086212	NACA-RM-E50F15
Aeration of aircraft lubricating oils over a range of temperature	Woods, W W; Robinson, J V	1-Apr-49	19930082507	NACA-TN-1846
Surge and stall control parameters of a two-spool engine	Heppler, Herbert; Novik, David	7-Feb-55	19930088540	NACA-RM-E54L21
Cooling of ram jets and tail-pipe burners : analytical method for determining temperatures of combustion chamber having annular cooling passage	Koffel, William K; Stamper, Eugene; Sanders, Newell D	21-Mar-50	19930086167	NACA-RM-E9L09
Lateral-control investigation of flap-type controls on a wing with upswept quarter-chord line, aspect ratio 4, taper ratio 0.6, and NACA 65A006 airfoil section : transonic-bump method	Hammond, Alexander D	10-Mar-50	19930086056	NACA-RM-L50A03
Effect of increase in angle of dead rise on the hydrodynamic qualities of a seaplane configuration incorporating high wing loading	Kapryan, Walter J; Weinstein, Irving	31-Oct-56	19930089495	NACA-RM-L56H21
Tests of the jet-motor air-intake duct system on a 1/4-scale stub-wing model of a pursuit-type airplane	Hanson, Frederick H , Jr	13-May-46	19930093224	NACA-WR-A-85, NACA-MR-A6A09
Comparison between experimental and predicted downwash at a Mach number of 0.25 behind a wing-body combination having a triangular wing of aspect ratio of 2.0	Sorensen, Norman E; Hopkins, Edward J	1-May-56	19930084441	NACA-TN-3720
Calculations of the dynamic lateral stability characteristics of the Douglas D-558-II airplane in high speed flight for various wing loadings and altitudes	Queijo, M J; Goodman, Alex	3-Oct-50	19930086323	NACA-RM-L50H16a
Air-flow behavior over the wing of an XP-51 airplane as indicated by wing-surface tufts at subcritical and supercritical speeds	Beeler, De E	24-Apr-47	19930085749	NACA-RM-L6L03
Stress and strain concentration at a circular hole in an infinite plate	Stowell, Elbridge Z	1-Apr-50	19930082747	NACA-TN-2073
Instrument flight trials with helicopter stabilized in attitude about each axis individually	Salmirs, Seymour; Tapscott, Robert J	1-Jan-57	19930084648	NACA-TN-3947
An experimental study at moderate and high subsonic speeds of the flow over wings with 30 degrees and 45 degrees of sweepback in conjunction with a fuselage	Whitcomb, Richard T	15-Jun-51	19930086464	NACA-RM-L50K27
Experimental investigation of the oscillating forces and moments on a two-dimensional wing equipped with an oscillating circular-arc spoiler	Clevenson, Sherman A; Tomassoni, John E	1-Mar-57	19930084654	NACA-TN-3949
A flight investigation at transonic speeds of a model having a triangular wing of aspect ratio 3	White, Maurice D	24-Jun-55	19930088666	NACA-RM-A55D18
Investigation at transonic speeds of a 35-percent-chord aileron on a tapered wedge-type wing of aspect ratio 2.5 with and without a fuselage	Turner, Thomas R; Fikes, Joseph E	8-Sep-50	19930086281	NACA-RM-L50G13a
Influence of chemical composition on rupture test properties at 1500 F of forged chromium-cobalt-nickel-iron base alloys	Freeman, J W; Ewing, J F; White, A E	1-Jul-52	19930083481	NACA-TN-2745
Altitude-wind-tunnel investigation of AN-F-58 fuel in experimental version of J47 turbojet engine	Meyer, Carl L	2-May-49	19930085513	NACA-RM-E8L13

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Influence of tail length upon the spin-recovery characteristics of a trainer-type-airplane model	Klinar, Walter J; Snyder, Thomas L	1-Dec-48	19930082437	NACA-TN-1764
Effect of thickness on the lateral force and yawing moment of a sideslipping delta wing at supersonic speeds	Margolis, Kenneth	1-Jan-49	19930082473	NACA-TN-1798
Flight measurements of the effects of surface condition on the supersonic drag of fin-stabilized parabolic bodies of revolution	Jackson, H Herbert	2-May-52	19930087079	NACA-RM-L52B26
Force characteristics in the submerged and planing condition of a 1/5.78-scale model of a hydro-ski-wheel combination for the Grumman JRF-5 airplane	Land, Norman S; Pelz, Charles A	11-Jul-52	19930087109	NACA-RM-L52B28
Optimum controllers for linear closed-loop systems	Boksenbom, Aaron S; Novik, David; Heppler, Herbert	1-Apr-53	19930083669	NACA-TN-2939
Present status of research on boundary-layer control.	Von Doenhoff, Albert E; Loftin, Laurence K , Jr	12-Jan-49	19930090354	NACA-RM-L8J29
Tests at Mach number 1.62 of a series of missile configurations having tandem cruciform lifting surfaces	Grigsby, Carl E	11-Jan-52	19930087120	NACA-RM-L51J15
Comparative study of turbofan and turbojet engines	Kaufman, Harold R; Benser, William A; Gabriel, David S	21-Oct-57	19930089795	NACA-RM-SE57G17
Analytical and experimental studies of a divided-flow ram-jet combustor	Dangle, E E; Friedman, Robert; Cervenka, Adolph J	11-Jan-54	19930087246	NACA-RM-E53K04
Skin friction of incompressible turbulent boundary layer under adverse pressure gradients	Goldschmied, Fabio R	1-Aug-51	19930083044	NACA-TN-2431
Maximum lift and longitudinal stability characteristics at Reynolds numbers up to 7.8×10^6 of a 35 degree sweptforward wing equipped with high-lift and stall-control devices, fuselage, and horizontal tail	Martina, Albert P; Deters, Owen J	9-Feb-50	19930085971	NACA-RM-L9H18a
Investigation of a 0.6 hub-tip radius-ratio transonic turbine designed for secondary-flow study II : design and experimental performance of turbine with low-velocity-turning stator and standard rotor	Rohlik, Harold E; Wintucky, William T; Scribbs, Herbert W	18-Jul-57	19930089769	NACA-RM-E57E09
Effects of internal-area distribution, spike translation, and throat boundary-layer control on performance of a double-cone axisymmetric inlet at Mach numbers from 3.0 to 2.0	Connors, James F; Lovell, J Calvin; Wise, George A	30-Aug-57	19930089784	NACA-RM-E57F03
Theoretical supersonic characteristics of inboard trailing-edge flaps having arbitrary sweep and taper : Mach lines behind flap leading and trailing edges	Kainer, Julian H; Marte, Jack E	1-Oct-50	19930082853	NACA-TN-2205
Vibration survey of blades in 10-stage axial-flow compressor III : preliminary engine investigation	Meyer, Andre J , Jr; Calvert, Howard F	31-Jan-49	19930085499	NACA-RM-E8J22b
The streamline pattern in the vicinity of an oblique airfoil	Watkins, Charles E	1-Mar-47	19930081869	NACA-TN-1231
Flight investigation of the zero-lift of two ram-jet missile configurations at Mach numbers from 1.00 to 1.89	Brown, Clarence A , Jr; Bressette, Walter E	9-Mar-53	19930087585	NACA-RM-L52J24a
High-altitude flight cooling investigation of a radial air-cooled engine	Manganiello, Eugene J; Valerino, Michael F; Bell, E Barton	1-Aug-47	19930081711	NACA-TN-1089

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Calculated heats of formation and combustion of boron compounds (boron, hydrogen, carbon, silicon)	Altschuller, Aubrey P	4-Oct-55	19930088850	NACA-RM-E55G26
Derivation of stability criterions for box beams with longitudinally stiffened covers connected by posts	Seide, Paul	1-Aug-52	19930083535	NACA-TN-2760
Achromatization of Debye-Scherrer lines	Ekstein, Hans; Siegel, Stanley	1-Apr-51	19930083090	NACA-TN-2355
Effect of change in cross section upon stress distribution in circular shell-supported frames	Nelson, David H	1-Jul-46	19930081722	NACA-TN-1098
Comparative effectiveness of a convection type and a radiation-type cooling cap on a turbo-supercharger.	Hartwig, Frederick J , Jr	1-Jun-46	19930081696	NACA-TN-1082
The time lag between flap deflection and force development at a Mach number of 4	Lindsey, Walter F; Ulmann, Edward F	13-Feb-50	19930086232	NACA-RM-L9L15
Investigation of the aerodynamic and icing characteristics of a recessed fuel cell vent assembly : ramp floor vent-tube mounting	Ruggeri, Robert S	30-Mar-48	19930085564	NACA-RM-E8B05a
Full-scale, free-jet investigation of methods of improving outlet flow distribution in a side-inlet supersonic diffuser	Farley, John M; Seashore, Ferris L	28-Mar-55	19930088560	NACA-RM-E54L31a
An empirically derived method for calculating pressure distribution at supercritical Mach numbers and moderate angles of attack	Nitzberg, Gerald E; Sluder, Loma E	1-Apr-47	19930085650	NACA-RM-A7B07
Approximate corrections for the effects of compressibility on the subsonic stability derivatives of swept wings	Fisher, Lewis R	1-Apr-49	19930082527	NACA-TN-1854
Comparison between analytical and wind-tunnel results on flutter of several low-aspect-ratio, high-density, unswept wings at high subsonic speeds and zero angle of attack	WARNER ROBERT W	20-Sep-55	19930088835	NACA-RM-A55G08
Supersonic flow around circular cones at angles of attack	Ferri, Antonio	1-Nov-50	19930083129	NACA-TN-2236
Average skin-friction coefficients from boundary-layer measurements in flight on a parabolic body of revolution (NACA RM-10) at supersonic speeds and at large Reynolds numbers	Rumsey, Charles B; Loposer, J Dan	7-Mar-51	19930086487	NACA-RM-L51B12
Special bodies added on a wing to reduce shock induced boundary-layer separation at high subsonic speeds	Whitcomb, Richard T	1-Jun-58	19930085146	NACA-TN-4293
Estimation of neutron energy for first resonance from absorption cross section for thermal neutrons	Bogart, Donald	17-Sep-51	19930086767	NACA-RM-E51G03
Investigation of the Ni3Al phase of nickel-aluminum alloys	Grala, Edward M	1-Apr-56	19930084883	NACA-TN-3660
Influence of large amounts of wing sweep on stability and control problems of aircraft	Soule, Hartley A	1-Jun-46	19930081707	NACA-TN-1088
A comparison of theoretical and experimental loading on a 63 degrees swept-back wing at supersonic speeds	Stevens, Victor I; Boyd, John W	14-Sep-49	19930085902	NACA-RM-A9C16
Design factors for 4- by 8-inch ram-jet combustor	Male, Donald W; Cervenka, Adolph J	11-Aug-49	19930086076	NACA-RM-E9F09

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On the permeability of porous materials	Yates, E Carson, Jr	1-Jan-56	19930084428	NACA-TN-3596
A description of the design of highly swept propeller blades	Whitcomb, Richard T	4-May-50	19930086187	NACA-RM-L50A23
An experimental investigation of the zero-lift pressure distribution over a wedge airfoil in closed, slotted, and open-throat tunnels at transonic Mach numbers	Nelson, William J; Bloetscher, Frederick	16-Jun-52	19930087125	NACA-RM-L52C18
Investigation of internal regenerative fuel-heating system for 20-inch ram jet	Baker, Sol; Perchonok, Eugene	1-Sep-49	19930085906	NACA-RM-E9F20
Analysis of two-spool turboprop-engine characteristics	Davison, Elmer H	3-Jun-57	19930089682	NACA-RM-E57C21
Organophosphorus compounds in rocket-engine applications	Ladanyi, Dezso J; Hennings, Glen	2-Apr-54	19930088226	NACA-RM-E54A26
Flight measurements with the Douglas D-558-II (BuAero No. 37974) research airplane : static lateral and directional stability characteristics as measured in sideslips at Mach numbers up to 0.87	Sjoberg, S A	19-May-50	19930086174	NACA-RM-L50C14
Some measurements of buffeting encountered by Douglas D-558-II research airplane in the Mach number range from 0.5 to 0.95	Baker, Thomas F	20-Nov-53	19930087898	NACA-RM-L53I17
High Mach number, low-cowl-drag, external-compression inlet with subsonic dump diffuser	Connors, James F; Flaherty, Richard J	12-May-58	19930089848	NACA-RM-E58A09
Flutter investigation at low speed of a 40 degree sweptback wing with pylon-mounted stores, tested as a semispan-cantilever wing and as a full-span wing on a towed airplane model	Martina, Albert P	7-Sep-56	19930089310	NACA-RM-L56F14a
Investigation of rotating components of counterrotating two-spool engines I : analytical investigation of off-design performance of turbine component designed with and without outer-turbine stator	Steward, Warner L	10-Jan-55	19930088442	NACA-RM-E54J13
Supersonic flow with whirl and vorticity in axisymmetric channels	Eschborn, Ralph J	1-Aug-52	19930083551	NACA-TN-2768
Recent data on tire friction during landing	Batterson, Sidney A	7-Jun-57	19930089800	NACA-RM-L57D19b
Experimental investigation of heat transfer through laminar and turbulent boundary layers on a cooled flat plate at a mach number of 2.4	Slack, Ellis G	1-Apr-52	19930083956	NACA-TN-2686
Auxiliary equipment and techniques for adapting the constant-temperature hot-wire anemometer to specific problems in air-flow measurements	Laurence, James C; Landes, L Gene	1-Nov-52	19930083593	NACA-TN-2843
Relation Between Inflammables and Ignition Sources in Aircraft Environments	Scull, Wilfred E	1-Dec-50	19930083100	NACA-TN-2227
Oblique-shock relations at hypersonic speeds for air in chemical equilibrium	Moeckel, W E	1-Jan-57	19930084757	NACA-TN-3895
A balanced-pressure sliding seal used for transfer of pressurized air between stationary and rotating parts	Curren, Arthur N; Cochran, Reeves P	9-Jan-57	19930089515	NACA-RM-E56I11
Determination of the structural damping coefficients of six full-scale helicopter rotor blades of different materials and methods of construction	Gibson, Frederick W	1-Dec-56	19930084677	NACA-TN-3862
Experimental Investigation of a Preloaded Spring-Tab Flutter Model	Smith, N H; Clevenson, S A; Barmby, J G	15-Dec-47	19930085801	NACA-RM-L7G18
Gust-load and airspeed data from one type of two-engine airplane on six civil airline routes from 1947 to 1955	Walker, Walter G	1-Feb-56	19930084362	NACA-TN-3621

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An evaluation of the characteristics of a 10-percent-thick NACA 66-series airfoil section with a special mean-camber line designed to produce a high critical Mach number	Loftin, Laurence K; Cohen, Kenneth S	1-Jul-48	19930082303	NACA-TN-1633
Effect of circumferential total-pressure gradients typical of single-inlet duct installations on performance of an axial-flow turbojet engine	Huntley, S C; Sivo, Joseph N; Walker, Curtis L	3-Jun-55	19930088576	NACA-RM-E54K26a
Liquid hydrogen as a jet fuel for high-altitude aircraft	Silverstein, Abe; Hall, Eldon W	15-Apr-55	19930088689	NACA-RM-E55C28a
Effect of compressibility on section characteristics of an airfoil with a round-nose slotted fraise aileron	Luoma, Arvo A	1-May-46	19930081786	NACA-TN-1075
Method for determining the need to rework or replace compressor rotor blades damaged by foreign objects	Kaufman, Albert	1-Sep-58	19930085131	NACA-TN-4324
Lift, drag, and pitching moment of low-aspect-ratio wings at subsonic and supersonic speeds : plane triangular wing of aspect ratio 4 with 3-percent-thick, biconvex section	Heitmeyer, John C	8-Jun-51	19930086669	NACA-RM-A51D30
Investigation of altitude starting and acceleration characteristics of J47 turbojet engine	Golladay, Richard L; Bloomer, Harry E	10-Jan-51	19930086343	NACA-RM-E50G07
Transition-flight investigation of a four-engine-transport vertical-take-off airplane model utilizing a large flap and extensible vanes for redirecting the propeller slipstream	Tosti, Louis P	1-Dec-57	19930084912	NACA-TN-4131
Investigation at low speed of the downwash, sidewash, and wake characteristics behind a large-scale triangular wing, including the effects of yaw, full-span trailing-edge flaps, and two leading- edge modifications	Whittle, Edward F JR; Hawes, John G	27-Oct-52	19930087251	NACA-RM-L52H19
Effects of several leading-edge modifications on the stalling characteristics of a 45 degree swept-forward wing	Mccormack, Gerald M; Cook, Woodrow L	14-Jun-49	19930085918	NACA-RM-A9D29
Sideslip in a viscous compressible gas	Struminsky, V V	1-Apr-51	19930093949	NACA-TM-1276
Wind-tunnel investigation of the contribution of a vertical tail to the directional stability of a fighter-type airplane	Marino, Alfred A; Mastrocola, N	15-Apr-48	19930085769	NACA-RM-L7K03
On slender-body theory at transonic speeds	Harder, Keith C; Klunker, E B	24-Mar-54	19930088146	NACA-RM-L54A29a
Measurements of aerodynamic forces and moments at subsonic speeds on a simplified T-tail oscillating in yaw about the fin midchord	Clevenson, Sherman A; Leadbetter, Sumner A	1-Sep-58	19930085241	NACA-TN-4402
Measurement of the longitudinal moment of inertia of a flexible airplane	Cole, Henry A , Jr; Bennion, Frances L	20-Jan-56	19930089012	NACA-RM-A55J21
Wind-tunnel investigation of bomb-bay configurations intended to minimize the tumbling of light-weight bombs	Kuhn, Richard E; Polhamus, Edward C	25-Jun-47	19930085625	NACA-RM-L7D11
Time-dependent buckling of a uniformly heated column	Ness, Nathan	1-Jan-54	19930083972	NACA-TN-3139
Development of a piston-compressor type light-gas gun for the launching of free-flight models at high velocity	Charters, A C; Denardo, B Pat; Rossow, Vernon J	1-Nov-57	19930085001	NACA-TN-4143
Transonic drag of several jet-noise suppressors	North, Warren J	1-Apr-58	19930085029	NACA-TN-4269

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Leading-edge contours for thin swept wings : an analysis of low-and high-speed data	Evans, William T	29-Mar-57	19930089562	NACA-RM-A57B11
Aerodynamics of the carburetor air scoop and the engine cowling of a single-engine torpedo-bomber-type airplane	Palter, Herman	1-Jun-46	19930093244	NACA-WR-E-280, NACA-MR-E6E27
Investigation of the effects of body camber and body indentation on the longitudinal characteristics of a 60 degree delta-wing-body combination at a Mach number of 1.61	Sevier, John R , Jr	20-Apr-56	19930089259	NACA-RM-L56A03
Magnesium-slurry combustion performance in 6.5-inch-diameter ram-jet engine mounted in connected-pipe facility	Branstetter, J Robert; Gibbs, James B; Kaufman, Warner B	5-Aug-53	19930087636	NACA-RM-E53E27
On possible similarity solutions for three-dimensional incompressible laminar boundary layers I : similarity with respect to stationary rectangular coordinates	Hansen, Arthur G; Herzig, Howard Z	1-Oct-56	19930084461	NACA-TN-3768
Longitudinal characteristics of two 47.7 degree sweptback wings with aspect ratios of 5.1 and 6.0 at Reynolds numbers up to 10×10^6 (exp 6)	Salmi, Reino J; Carros, Robert J	30-Mar-50	19930086080	NACA-RM-L50A04
Investigation at supersonic speeds of the variation with Reynolds number and Mach number of the total, base, and skin-friction drag of seven boattail bodies of revolution designed for minimum wave drag	Bromm, August, F , jr; Goodwin, Julia M	1-Jun-56	19930084477	NACA-TN-3708
Comparison between theoretical and experimental rates of roll of two models with flexible rectangular wings at supersonic speeds	Kell, Robert J; Hedgepeth, John M	5-Aug-54	19930088316	NACA-RM-L54F23
Longitudinal stability investigation of a vertical-take-off-and-landing airplane configuration with simulated jet intake and exhaust at Mach numbers of 1.61 and 2.01	Lord, Douglas R	30-Jan-58	19930090018	NACA-RM-L57K05
Lift and pitching moment at low speeds of the naca 64A010 airfoil section equipped with various combinations of a leading-edge slat, leading-edge flap, split flap, and double-slotted flap	Hayter, Nora-Lee F; Kelly, John A	1-Sep-53	19930083700	NACA-TN-3007
A preliminary investigation of high-speed impact the penetration of small spheres into thick copper targets	Charters, A C; Locke, G S , Jr	28-May-58	19930090028	NACA-RM-A58B26
Effects of several high-lift and stall-control devices on the aerodynamic characteristics of a semispan 49 degree sweptback wing	Barnett, U Reed , Jr; Lipson, Stanley	15-Sep-52	19930087150	NACA-RM-L52D17a
A phenomenological theory for the transient creep of metals at elevated temperatures	Stowell, Elbridge Z	1-Sep-58	19930085177	NACA-TN-4396
On the stability of the free laminar boundary layer between parallel streams	Lessen, Martin	1-Aug-49	19930082767	NACA-TN-1929
Statistical measurements of contact conditions of 478 transport-airplane landings during routine daytime operations	Silsby, Norman S	1-Jun-54	19930084006	NACA-TN-3194
Heat transfer measured on a flat-face cylinder-flare configuration in free flight at Mach numbers from 1.6 to 2.7	Lee, Dorothy B; Swanson, Andrew G	3-Feb-58	19930089838	NACA-RM-L58A06

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Rocket-powered-model investigation of the hinge-moment and normal-force characteristics of a half-diamond tip control on a 60 degree sweptback diamond wind between Mach numbers of 0.5 and 1.3	Church, James D	26-Apr-54	19930088180	NACA-RM-L54C10
An analysis of acceleration, airspeed, and gust-velocity data from one type of four-engine transport airplane operated over two domestic routes	Coleman, Thomas L; Copp, Martin R	1-Oct-55	19930084253	NACA-TN-3475
The Knock-Limited Performance of Fuel Blends Containing Spiropentane, Methylenecyclobutane, Di-Tert-Butyl Ether, Methyl Tert-Butyl Ether, and Triptane	Meyer, Carl L.	1-May-46	19930093426	NACA-WR-E-222, NACA-RB-E6D22
Some data on body and jet reaction controls	Henning, Allen B; Wineman, Andrew R; Rainey, Robert W	4-Mar-57	19930090292	NACA-RM-L56L17
Flight experience with a delta-wing airplane having violent lateral-longitudinal coupling in aileron rolls	Sisk, Thomas R; Andrews, William H	7-Oct-55	19930088985	NACA-RM-H55H03
Transient Behavior of Lumped-Constant Systems for Sensing Gas Pressures	Delio, Gene J; Schwent, Glennon V; Cesaro, Richard S	1-Dec-49	19930082734	NACA-TN-1988
Low-speed cascade investigation of compressor blades having loaded leading edges	Emery, James C	1-Jan-58	19930085075	NACA-TN-4178
Experimental investigation of turbojet-engine thrust augmentation by combined compressor coolant injection and tail-pipe burning	Useller, James W; Povolny, John H	17-Oct-51	19930086891	NACA-RM-E51H16
Kinetics of sintering chromium carbide	Lidman, William G; Hamjian, H J	1-Aug-51	19930083041	NACA-TN-2491
Low-speed static longitudinal stability characteristics of a canard model having a 60 degrees triangular wing and horizontal tail	Bates, William R	9-Nov-49	19930085968	NACA-RM-L9H17
Aerodynamic forces, moments, and stability derivatives for slender bodies of general cross section	Sacks, Alvin H	1-Nov-54	19930083872	NACA-TN-3283
Vibration survey of blades in 10-stage axial-flow compressor II : dynamic investigation	Meyer, Andre J , Jr; Calvert, Howard F	31-Jan-49	19930085496	NACA-RM-E8J22a
Diffusion of chromium in a cobalt-chromium solid solutions	Weeton, John W	1-Nov-50	19930083126	NACA-TN-2218
Wind-tunnel investigation at Mach numbers from 0.50 to 1.29 of an unswept, tapered wing of aspect ratio 2.67 with leading- and trailing-edge flaps - leading-edge flaps deflected	Stivers, Louis S , Jr; Malick, Alexander W	26-Feb-51	19930086484	NACA-RM-A50K10
Hydraulic characteristics of the NACA injection impeller	Lieblein, Seymour	1-May-46	19930093217	NACA-WR-E-278, NACA-MR-E6C25
Tank investigation of the hydrodynamic characteristics of a 1/13.33-scale jet-powered dynamic model of the Martin XP6M-1 flying boat. : TED No. NACA DE 385	Carter, Arthur W; Blanchard, Ulysse J	1-Apr-55	19930092455	NACA-RM-SL55D06
An investigation at low speed of a large-scale triangular wing of aspect ratio two III : characteristics of wing with body and vertical tail	Anderson, Adrien E	14-Oct-49	19930086073	NACA-RM-A9H04
Wear of typical carbon-base sliding seal materials at temperatures to 700 F	Johnson, Robert L; Swikert, Max A; Bailey, John M	1-Feb-56	19930084425	NACA-TN-3595

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An experimental investigation of the effect of high-pressure tailpipe length on the performance of solid-propellant motors for rocket-powered aircraft	Rodriguez, Charles J	12-Aug-52	19930087092	NACA-RM-L52E12a
An inlet design concept to reduce flow distortion at angle of attack	Schueller, Carl F; Stitt, Leonard E	26-Feb-57	19930089679	NACA-RM-E56K28b
Experimental and predicted lateral-directional dynamic-response characteristics of a large flexible 35 degree swept-wing airplane at an altitude of 35,000 feet	Brown, Stuart C; Holleman, Euclid C	1-Dec-56	19930084674	NACA-TN-3874
Design and performance of a 1400-foot-per-second-tip-speed supersonic compressor rotor	Klapproth, John F; Jacklitch, John J; Tysl, Edward R	11-Apr-55	19930088686	NACA-RM-E55A27
Atmospheric temperature observations to 100,000 feet for several climatological regions of the Northern Hemisphere	Tolefson, H B	1-Nov-57	19930085026	NACA-TN-4169
Effect of surface roughness over the downstream region of a 23 degree conical diffuser	Persh, Jerome; Bailey, Bruce M	1-Jan-54	19930083697	NACA-TN-3066
The rate of fatigue-crack propagation in two aluminum alloys	Mcevily, Arthur J , Jr; Illg, Walter	1-Sep-58	19930085174	NACA-TN-4394
Boundary-layer transition at Mach 3.12 with and without single roughness elements	Brinich, Paul F	1-Dec-54	19930084019	NACA-TN-3267
A method of computing subsonic flows around given airfoils	Gelbart, Abe; Resch, Daniel	1-Mar-50	19930082731	NACA-TN-2057
Some observations on the relationship between fatigue and internal friction	Valluri, S R	1-Sep-56	19930084671	NACA-TN-3755
Heat-loss characteristics of hot-wire anemometers at various densities in transonic and supersonic flow	Spangenberg, W G	1-May-55	19930084668	NACA-TN-3381
Transonic-wing investigation in the Langley 8-foot high-speed tunnel at high subsonic Mach numbers and at a Mach number of 1.2 : analysis of pressure distribution of wing-fuselage configuration having a wing of 45 degrees sweptback, aspect ratio 4, t	Loving, Donald L; Estabrooks, Bruce B	6-Sep-51	19930086878	NACA-RM-L51F07
Triangular wings cambered and twisted to support specified distributions of lift at supersonic speeds	Baldwin, Barrett S , Jr	1-Feb-49	19930082490	NACA-TN-1816
An analysis of laminar free-convection flow and heat transfer about a flat plate parallel to the direction of the generating body force	Ostrach, Simon	1-Feb-52	19930083498	NACA-TN-2635
Theoretical study of the tunnel-boundary lift interference due to slotted walls in the presence of the trailing-vortex system of a lifting model	Matthews, Clarence W	7-Apr-53	19930087521	NACA-RM-L53A26
Investigation at supersonic speed (M = 1.53) of the pressure distribution over a 63 degrees swept airfoil of biconvex section at several angles of attack	Katzen, Elliott D; Frick, Charles W; Boyd, John W	24-Sep-48	19930085463	NACA-RM-A8F22
Use of highly reactive chemical additives to improve afterburner performance at altitude	Wanhainen, John P; Sivo, Joseph N	30-Sep-58	19930090198	NACA-RM-E58G10
Cooling of gas-turbines VII : effectiveness of air cooling of hollow turbine blades with inserts	Bressman, Joseph R; Livingood, John N B	20-Oct-47	19930085836	NACA-RM-E7G30
Wind-tunnel investigation of the contribution of a vertical tail to the directional stability of a fighter-type airplane	Marino, Alfred A; Mastrocola, N	1-Jan-52	19930083049	NACA-TN-2488

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Axisymmetric supersonic flow in rotating impellers	Goldstein, Arthur W	1-Jun-51	19930083334	NACA-TN-2388
Evaluation of cooling-liner durability and starting characteristics of XRJ-47-W-5 ram-jet engine	Farley, J M; Reilly, Dwight H	1-Jan-55	19930088961	NACA-RM-E55J05
An analysis of the airspeeds and normal accelerations of Douglas DC-3 airplanes in commercial transport operation	Peiser, A M	1-Sep-46	19930081795	NACA-TN-1142
Performance comparisons of JFC-2 and MIL-F-5624A (JP-3) fuels in tubular and annular combustors	Mccafferty, Richard J	23-Jan-52	19930086931	NACA-RM-SE51J17
Impingement of water droplets on wedges and diamond airfoils at supersonic speeds	Serafini, John S	1-Jul-53	19930083634	NACA-TN-2971
Effect of blade stalling on the efficiency of a helicopter rotor as measured in flight	Gustafson, F B; Gessow, Alfred	1-Apr-47	19930082030	NACA-TN-1250
Flutter at very high speeds	Runyan, Harry L; Morgan, Homer G	10-Jun-57	19930089741	NACA-RM-L57D16a
The local buckling strength of lipped Z-columns with small lip width	Hu, Pai C; Mcculloch, James C	1-Jun-47	19930081960	NACA-TN-1335
Cross flows in laminar incompressible boundary layers	Hansen, Arthur G; Herzig, Howard Z	1-Feb-56	19930084432	NACA-TN-3651
Comparison of measured and calculated stresses in built-up beams	Levin, L Ross; Nelson, David H	1-May-46	19930081662	NACA-TN-1063
Summary of 65-series compressor-blade low-speed cascade data by use of the carpet-plotting technique	Felix, A Richard	1-Feb-57	19930084828	NACA-TN-3913
Effect of hot-gas bleedback ice prevention on performance of a turbojet engine with fixed-area tail-pipe nozzle	Dietz, Robert O , Jr; Krebs, Richard P	16-May-49	19930085976	NACA-RM-E9B23
A general through-flow theory of fluid flow with subsonic or supersonic velocity in turbomachines of arbitrary hub and casing shapes	Wu, Chung-Hua	1-Mar-51	19930082962	NACA-TN-2302
Wire cloth as porous material for transpiration-cooled walls	Eckert, E R G; Kinsler, Martin R; Cochran, Reeves B	13-Nov-51	19930086881	NACA-RM-E51H23
The response of pressure measuring systems to oscillating pressures	Taback, Israel	1-Feb-49	19930082493	NACA-TN-1819
Pressure distributions at Mach numbers of 1.6 and 1.9 of a conically cambered wing of triangular plan form with and without pylon-mounted engine nacelles	Phelps, E Ray	20-Apr-56	19930089434	NACA-RM-A56B03
Low-speed tests of five NACA 66-series airfoils having mean lines designed to give high critical Mach numbers	Von Doenhoff, Albert E; Stivers, Louis S; O'Connor, James M	1-May-47	19930081886	NACA-TN-1276
Modified tubular combustor as high-temperature gas generators	Friedman, Robert; Zettle, Eugene V	21-Oct-55	19930088818	NACA-RM-E55H25
Effects of a fuselage flap dive brake on the aerodynamic characteristics of 1/30 scale semispan model of the Bell X-5 variable-sweep airplane at a Mach number 1.24 as determined by the NACA wing flow method	Kennedy, Robert M	8-Feb-51	19930086470	NACA-RM-L50L11a
Investigation of a 0.6 hub-tip radius-ratio transonic turbine designed for secondary-flow study III : experimental performance with two stator configurations designed to eliminate blade wakes and secondary-flow effects and conclusions from entire sta	Rohlik, Harold E; Wintucky, William T; Moffitt, Thomas P	17-Sep-57	19930089752	NACA-RM-E57G08

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Altitude-test-chamber investigation of performance of 38-inch-diameter rm-jet-engine combustor	Wentworth, Carl B; Povolny, John H; Boman, David S	10-Jul-51	19930087070	NACA-RM-E51I12
Smoke study of nozzle secondary flows in a low-speed turbine	Kofskey, Milton G; Allen, Hubert W	1-Nov-54	19930083997	NACA-TN-3260
An investigation of a supersonic aircraft configuration having a tapered wing with circular-arc sections and 40 degree sweepback	Spearman, M Leroy	3-Apr-50	19930086152	NACA-RM-L9L08
Determination of the stability and control characteristics of a straight-wing, tailless fighter-airplane model in the Langley free-flight tunnel	Ankenbruck, Herman O	1-Feb-46	19930092559	NACA-WR-L-199, NACA-ACR-L5K05
Investigation of carbon deposition in an I-16 jet-propulsion engine at static sea-level conditions	Jonash, Edmund R; Barnett, Henry C; Stricker, Edward G	29-Apr-47	19930085603	NACA-RM-E6K01
Effect of some external crosswise stiffeners on the heat transfer and pressure distribution on a flat plate at Mach numbers of 0.77, 1.39, and 1.98	Carter, Howard S	1-Sep-58	19930085219	NACA-TN-4333
Flight investigation of longitudinal stability and control characteristics and stalling characteristics of a C-54D airplane	Talmage, Donald B; Reeder, John P; Matthews, Ruth G	12-May-50	19930086301	NACA-RM-L9L21
Flight investigation in climb and at high speed of a two-blade and a three-blade propeller	Hammack, Jerome B	1-Jan-49	19930082457	NACA-TN-1784
Flight determination of drag and pressure recovery of a nose inlet of parabolic profile at Mach numbers from 0.8 to 1.7	Sears, Richard I; Merlet, C F	15-Oct-51	19930086677	NACA-RM-L51E02
A theoretical lateral-stability analysis of XC-120 airplane	Sternfield, Leonard; Gates, Ordway B , Jr	17-Sep-48	19930085533	NACA-RM-SL8I07
Influence of lubricant viscosity on operating temperatures of 75-millimeter-bore cylindrical-roller bearing at high speeds	Macks, Fred E; Anderson, William J; Nemeth, Zolton N	1-Feb-52	19930083501	NACA-TN-2636
Effect of capture on the slowing-down length of neutrons in hydrogenous mixtures containing uranium	Volkin, H C; Soffer, L	1-Apr-53	19930087524	NACA-RM-E53B05
A limit pressure coefficient and an estimation of limit forces on airfoils at supersonic speeds	Mayer, John P	23-Aug-48	19930085466	NACA-RM-L8F23
A study of the combustion rates of hydrocarbon fuels with red fuming nitric acid in a small rocket engine	Baker, Louis, Jr	6-Aug-58	19930090133	NACA-RM-E58D03a
The dynamic lateral control characteristics of airplane models having unswept wings with round-and sharp-leading-edge sections	Hassell, James L; Bennett, Charles V	1-Nov-50	19930082864	NACA-TN-2219
Application of scattering theory to the measurement of turbulent density fluctuations by an optical method	Stine, Howard A; Winovich, Warren	1-Jun-56	19930084512	NACA-TN-3719
The creep of single crystals of aluminum	Johnson, R D; Shober, F R; Schwope, A D	1-May-53	19930083689	NACA-TN-2945
Wall interference in wind tunnels with slotted and porous boundaries at subsonic speeds	Baldwin, Barrett S , Jr; Turner, John B; Knechtel, Earl D	1-May-54	19930083904	NACA-TN-3176
An analysis of the potentialities of a two-stage counterrotating supersonic compressor	Wilcox, Ward W	9-Jul-52	19930087004	NACA-RM-E52E01

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Performance characteristics of axisymmetric two-cone and isentropic nose inlets at Mach number 1.90	Conners, James F; Meyer, Rudolph C	7-Dec-55	19930088897	NACA-RM-E55F29
Two-dimensional wind-tunnel investigation of an NACA 64-009 airfoil equipped with two types of leading-edge flap	Fullmer, Felicien F , Jr	1-Jun-48	19930082286	NACA-TN-1624
Performance of double-shroud ejector configuration with primary pressure ratios from 1.0 to 10	Hollister, Donald P; Greathouse, William K	10-Feb-53	19930087458	NACA-RM-E52K17
Use of mean-section boundary-layer parameters in predicting three-dimensional turbine stator losses	Stewart, Warner L; Whitney, Warren J; Wong, Robert Y	23-Mar-56	19930089091	NACA-RM-E55L12a
Two-dimensional cascade tests of NACA 65-(C(sub zeta)(sub o))A(sub 10))10 blade sections at typical compressor hub conditions for speeds up to choking	Emery, James C; Dunavant, James C	23-Oct-57	19930089831	NACA-RM-L57H05
Aerodynamic losses in low-pressure tailpipe exhaust ducts for rocket-propelled aircraft	Thibodaux, J G; Hagginbothom, W K	20-Jul-48	19930085364	NACA-RM-L8C25
Calculated effect of uranium distribution on reflector control effectiveness for a water-moderated power reactor	Fox, Thomas A; Valerino, Michael F	22-Jan-54	19930088046	NACA-RM-E53I10
Loads experienced in flights of two swept-wing research airplanes in the angle-of-attack range of reduced stability	Robinson, Glenn H; Drake, Hubert M; Kuhl, Albert E	5-Jun-53	19930087569	NACA-RM-L53D16
Approximate theory for calculation of lift of bodies, afterbodies, and combinations of bodies	Moskowitz, Barry	1-Apr-52	19930083774	NACA-TN-2669
High-speed landing loads measured on the Douglas X-3 research airplane	Marcy, William L	24-Feb-58	19930090201	NACA-RM-H57L06
Lateral stability and control characteristics of an airplane model having 42.8 degree sweptback circular-arc wing with aspect ratio 4.00, taper ratio 0.50, and sweptback tail surfaces	Goodson, Kenneth W; Comisarow, Paul	17-Oct-47	19930085839	NACA-RM-L7G31
Pilot escape from spinning airplanes as determined from free-spinning-tunnel tests	Scher, Stanley H	1-Oct-51	19930083052	NACA-TN-2485
Aerodynamic performance of several techniques for spike-position control of a blunt-lip nose inlet having internal contraction; Mach numbers of 0.63 and 1.5 to 2.0	Anderson, Arthur A; Weinstein, Maynard I	17-Sep-57	19930089731	NACA-RM-E57D15
A comparison of the turbulent boundary-layer growth on an unswept and a swept wing	Altman, John M; Hayter, Nora-Lee F	1-Sep-51	19930083358	NACA-TN-2500
Aerodynamic characteristics of low-aspect-ratio wings at high supersonic Mach numbers	Ulmann, Edward F; Bertram, Mitchel H	2-Nov-53	19930093737	NACA-RM-L53I23
Some effects of gutter flame-holder dimensions on combustion-chamber performance of 20-inch ram jet	Perchonok, Eugene; Wishnek, George; Wilcox, Fred A	30-Jul-48	19930085343	NACA-RM-E8C22
On the angular distribution of slip lines in polycrystalline aluminum alloy	Hedgepeth, John M; Batdorf, S B; Sanders, J Lyell, Jr	1-Dec-51	19930083337	NACA-TN-2577
Longitudinal stability and control characteristics of a semispan airplane model at transonic speeds as obtained by the transonic-bump method	Weil, Joseph; Spearman, M Leroy	19-Jul-48	19930085543	NACA-RM-L8B03

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Investigation of losses in the XJ35-A-23 two-stage turbine	Rebeske, John J , Jr; Forrette, Robert E	18-Aug-52	19930087099	NACA-RM-E52E15
A theoretical and experimental study of boric oxide deposition on a surface immersed in an exhaust gas stream from a jet-engine combustor, including a method of calculating deposition	Setze, Paul C	8-Oct-57	19930089774	NACA-RM-E57F18
Aerodynamic characteristics at a Mach number of 1.25 of a 6-percent-thick triangular wing and 6- and 9-percent-thick triangular wings in combination with a fuselage : wing aspect ratio 2.31, biconvex airfoil sections	Hall, Albert W; Morris, Garland J	5-May-50	19930086191	NACA-RM-L50D05
Wind-tunnel investigation at transonic speeds of a jet control on a 35 degree swept wing : transonic-bump method	Vogler, Raymond, D; Turner, Thomas R	8-Feb-56	19930088964	NACA-RM-L55K09
Wind-tunnel investigation of the static lateral stability characteristics of wind-fuselage combinations at high subsonic speeds : taper-ratio series	Wiggins, James W; Fournier, Paul G	1-Oct-57	19930085054	NACA-TN-4174
An initial experimental study of the effect of variations in frequency and impulse on the reduction in temperature recovery factor afforded by large-scale unsteady flow	Howell, Robert R	22-Jan-58	19930090007	NACA-RM-L57I27
Experimental investigation of air-flow uniformity and pressure level on wire cloth for transpiration-cooling applications	Donoughe, Patrick L; Mckinnon, Roy A	22-Jul-52	19930087129	NACA-RM-E52E16
Wall pressure fluctuations in a turbulent boundary layer	Willmarth, William W	1-Mar-58	19930084980	NACA-TN-4139
Velocity distribution on wing sections of arbitrary shape in compressible potential flow I : symmetric flows obeying the simplified density-speed relation	Bers, Lipman	1-Apr-46	19930081765	NACA-TN-1006
The transonic characteristics of 22 rectangular, symmetrical wing models of varying aspect ratio and thickness	Nelson, Warren H; Mcdevitt, John B	1-Jun-55	19930084143	NACA-TN-3501
Preliminary investigation of the use of afterglow for visualizing low-density compressible flows	Benson, James M; Williams, Thomas W	15-Feb-49	19930085910	NACA-RM-L9A24a
On the form of the turbulent skin-friction law and its extension to compressible flows	Donaldson, Coleman Dup	1-May-52	19930083989	NACA-TN-2692
Investigation of impulse-type supersonic compressor with hub-tip ratio of 0.6 and turning to axial direction I : performance of rotor alone	Wilcox, Ward W	6-May-54	19930088163	NACA-RM-E54B25
Effects of leading-edge slat and trailing-edge split flap on the aerodynamic characteristics of a wing-fuselage combination having a nearly triangular wing of aspect ratio 2.9 at Mach numbers from 0.60 to 0.92	Demele, Fred A	12-Jan-58	19930090339	NACA-RM-A57H19
A numerical method for evaluating wave drag	Cahn, Maurice S; Olstad, Walter B	1-Jun-58	19930085258	NACA-TN-4258
Gust-tunnel investigation of the effect of a sharp-edge gust on the flapwise blade bending moments of a model helicopter rotor	Reisert, Thomas D; Maglieri, Domenic J	1-Aug-55	19930084236	NACA-TN-3470
A study of temperature transients at the inlet of a turbojet engine	Wallner, Lewis E; Useller, James W; Saari, Martin J	26-Jun-57	19930089686	NACA-RM-E57C22
Errors in indicated strain for a typical wire strain gage caused by restraining, temperature changes, and weathering	Campbell, William R	1-Apr-46	19930081798	NACA-TN-1011

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Flight measurements of the flying qualities of five light airplanes	Hunter, Paul A	1-May-48	19930082385	NACA-TN-1573
Effect of ram-jet pressure pulsations on supersonic-diffuser performance	Connors, James F	20-Nov-50	19930086351	NACA-RM-E50H22
Heat, mass, and momentum transfer for flow over a flat plate with blowing or suction	Mickley, H S; Ross, R C; Squyers, A L; Stewart, W E	1-Jul-54	19930084056	NACA-TN-3208
Analytical method for determining transmission and absorption of time-dependent radiation through thick absorbers III : source intensity, time-dependent	Allen, G	1-Sep-49	19930082629	NACA-TN-1952
Analytical investigation of effect of water-cooled turbine blades on performance of turbine-propeller power plants	Bowman, William D	16-Aug-48	19930090374	NACA-RM-E8E10
Stresses and deflections of a swept biplane wing	Zender, George W; Duberg, John E	3-Aug-54	19930088299	NACA-RM-L54E03a
The effect of trailing-edge bluntness on the performance of a small-scale supersonic propeller at forward Mach numbers to 0.92	Demele, Fred A; Kolbe, Carl D	17-Jan-56	19930089002	NACA-RM-A55J12
Design and experimental performance of a 0.35 hub-tip radius ratio transonic axial-flow-compressor rotor designed for 40 pounds per second per unit frontal area	Montgomery, John C; Yasaki, Paul T	4-Sep-58	19930086063	NACA-RM-E58D17
Cooling of Gas Turbines II : Effectiveness of Rim Cooling of Blades	Wolfenstein, Lincoln; Meyer, Gene L; Mccarthy, John S	18-Mar-47	19930085660	NACA-RM-E7B11b, NACA-MR-E5I20
Chordwise pressures and section moment force and moment coefficients at high subsonic speeds near midspan of a tapered 35 degree sweptback wing with a flap-type control and an attached tab	Hammond, Alexander D; Keffer, Barbara M	29-Mar-54	19930088230	NACA-RM-L54A22
The aerodynamic characteristics of a supersonic aircraft configuration with a 40 degree sweptback wing through a Mach number range from 0 to 2.4 obtained from various sources	Spearman, M Leroy; Robinson, Ross B	11-Apr-52	19930086934	NACA-RM-L52A21
Evaluation of several ram-jet combustor configurations using pentaborane fuel	Sheldon, John W; Cervenka, A J	1-Apr-57	19930089545	NACA-RM-E57A24
Investigation of a thin wing of aspect ratio 4 in the Ames 12-foot pressure wind tunnel I : characteristics of a plain wing	Johnson, Ben H , Jr	2-Jun-48	19930085371	NACA-RM-A8D07
Intensity, scale, and spectra of turbulence in mixing region of free subsonic jet	Laurence, James C	1-Sep-55	19930084270	NACA-TN-3561
Effects of variations in combustion-chamber configuration on ignition delay in a 50-pound-thrust rocket	Ladanyi, Dezso J	5-Oct-56	19930089353	NACA-RM-E56F22
Ignition of ammonia and mixed oxides of nitrogen in 200-pound-thrust rocket engines at 160 F	Hennings, Glen; Ladanui, Dezso J; Enders, John H	19-Mar-54	19930088197	NACA-RM-E54C19
Considerations on a large hydraulic jet catapult	Joyner, Upshur T; Horne, Walter B	12-Apr-51	19930086569	NACA-RM-L51B27
The Langley 2,000-horsepower propeller dynamometer and tests at high speed of an NACA 10-(3)(08)-03 two-blade propeller	Corson, Blake W , Jr; Maynard, Julian D	1-Dec-52	19930083637	NACA-TN-2859
Investigation of boattail and base pressures of twin-jet afterbodies at Mach number 1.91	Salmi, Reino J; Klann, John L	21-Apr-55	19930088672	NACA-RM-E55C01

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Collection of test data for lateral control with full-span flaps	Fischel, Jack; Ivey, Margaret F	1-Apr-48	19930082033	NACA-TN-1404
A theoretical study of the effect of control-deflection and control-rate limitations on the normal acceleration and roll response of a supersonic interceptor	Matthews, Howard F; Schmidt, Stanley F	29-Apr-53	19930087794	NACA-RM-A53B11
The transonic aerodynamic characteristics of structurally related wings of low aspect ratio having a spanwise variation in thickness ratio-transonic bump technique	Cleary, Joseph W	12-Apr-54	19930088131	NACA-RM-A54B18
Drag of canopies at transonic and supersonic speeds	Hoffman, Sherwood; Robins, A Warner	17-Feb-56	19930089179	NACA-RM-L55L23
A study of combustion in a flowing gas	Gilbert, Mitchell; Haddock, Gordon; Metzler, Allen	1-Apr-46	19930087862	NACA-TN-1037
NACA model investigations of seaplanes in waves	Parkinson, John B	1-Jul-55	19930084225	NACA-TN-3419
Investigation of low-pressure performance of experimental tubular combustors differing in air-entry-hole geometry	Dittrich, Ralph T	4-Sep-53	19930087834	NACA-RM-E53G01
Analysis of a nuclear-powered ram-jet missile	Rom, Frank E	5-Oct-54	19930088171	NACA-RM-E54E07
An experimental investigation of the effects of several diffusers and diffuser-entrance-mixing-section combinations on the power requirements of a 4 1/2-inch by 4 1/2-inch slotted transonic wind tunnel	Dennard, John S	5-Jun-56	19930089210	NACA-RM-L56C07
Preliminary investigation of the low-amplitude damping in pitch of tailless delta- and swept-wing configurations at Mach numbers from 0.7 to 1.35	D'Aiutolo, Charles T; Parker, Robert N	20-Aug-52	19930087340	NACA-RM-L52G09
Flight determination of the longitudinal stability and control characteristics of the Bell X-5 research airplane at 58.7 degrees sweepback	Finch, Thomas W	26-May-55	19930088810	NACA-RM-H55C07
Performance characteristics of an underslung vertical-wedge inlet with porous suction at Mach numbers of 0.63 and 1.5 to 2.0	Allen, John L; Piercy, Thomas G	3-Aug-56	19930089219	NACA-RM-E56B15
Summary of some rocket-model investigations of effects of wing aspect ratio and thickness on aileron rolling effectiveness including some effects of spanwise aileron location for sweptback wings with aspect ratio of 8	Strass, H Kurt	17-Feb-54	19930088106	NACA-RM-L53L11
Investigation of pressure losses in several turbosupercharger nozzle hoses	Lord, Albert M; Donnola, Joseph	11-Feb-47	19930090347	NACA-RM-E7B11
Wind-tunnel investigation of the effect of aspect ratio and chordwise location on effectiveness of plain spoilers on thin untapered wings at transonic speeds	Hammond, Alexander D	26-Sep-56	19930089346	NACA-RM-L56F20
Results of initial wind-tunnel flutter experiments at low speed with a towed airplane model having a 40 degree sweptback wing of aspect ratio 3.62 equipped with pylon-mounted stores	Martina, Albert P; Young, George E	24-Mar-55	19930088508	NACA-RM-L54K17
Theoretical characteristics of two-dimensional supersonic control surfaces	Morrisette, Robert R; Oborny, Lester F	27-Jul-48	19930085429	NACA-RM-L8G12
Evaluation of gust and draft velocities from flights of an AT-6 airplane within cumulus clouds July 1, 1947 to July 22, 1947 at Clinton County Army Air Field, Ohio	Funk, Jack	22-Mar-48	19930085385	NACA-RM-L8B27

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On the one-dimensional theory of steady compressible fluid flow in ducts with friction and heat addition	Hicks, Bruce L; Montgomery, Donald; Wasserman, Robert H	1-Jul-47	19930081963	NACA-TN-1336
Spanwise loading for wings and control surfaces of low aspect ratio	Deyoung, John	1-Jan-50	19930082673	NACA-TN-2011
An empirical criterion for fin stabilizing jettisonable nose sections of airplanes	Scher, Stanley H	8-Dec-49	19930085991	NACA-RM-L9I28
Preliminary investigation of the effectiveness of a sliding flap in deflecting a propeller slipstream downward for vertical take-off	Kuhn, Richard E; Spreemann, Kenneth P	1-May-56	19930084435	NACA-TN-3693
Theoretical stability derivatives of thin sweptback wings tapered to a point with sweptback or sweptforward trailing edges for a limited range of supersonic speeds	Malvestuto, Frank S; Margolis, Kenneth	1-Jan-49	19930082431	NACA-TN-1761
Exploratory investigation of static- and base-pressure increases resulting from combustion of aluminum borohydride adjacent to body of revolution in supersonic wing tunnel	Serafini, John S; Dorsch, Robert G; Fletcher, Edward A	2-Oct-57	19930089789	NACA-RM-E57E15
Wind-tunnel investigation of damping in roll at supersonic speeds of triangular wings at angles of attack	Mcdearmon, Russell W; Jones, Robert A	14-Sep-56	19930089304	NACA-RM-L56F13a
Longitudinal stability characteristics of the Convair YF-102 airplane determined from flight tests	Andrews, William H; Sisk, Thomas R; Darville, Robert W	13-Dec-56	19930089556	NACA-RM-H56I17
Experimental investigation of supersonic flow with detached shock waves for Mach numbers between 1.8 and 2.9	Moeckel, W E	5-Jul-50	19930086178	NACA-RM-E50D05
The effects of high-lift devices on the low-speed stability of a tapered 37.5 degree sweptback wing of aspect ratio 3 in straight and rolling flow	Queijo, M J; Lichtenstein, Jacob H	9-Nov-48	19930085527	NACA-RM-L8I03
An approximate method of calculating pressures in the tip region of a rectangular wing of circular-arc section at supersonic speeds	Czarnecki, Kazimierz Roman; Mueller, James N	1-Oct-50	19930082858	NACA-TN-2211
An analytical study of the comparative performance of six air-induction systems for turbojet-powered airplanes designed to operate at Mach numbers up to 2.0	Watson, Earl C	9-Oct-53	19930087828	NACA-RM-A53H03
Effects of base bleed on the base pressure of blunt-trailing-edge airfoils at supersonic speeds	Wimbrow, William R	25-Mar-54	19930088100	NACA-RM-A54A07
Experimental investigation of boundary-layer suction through slots to obtain extensive laminar boundary layers on a 15-percent-thick airfoil section at high Reynolds numbers	Loftin, Laurence K , Jr; Horton, Elmer A	23-Jun-52	19930090592	NACA-RM-L52D02
Experimental investigation of physical and combustion properties of several residual fuel oils and magnesium - fuel-oil slurries in a ram-jet-type combustor	Cook, Preston N , Jr; Evans, Vernida E; Lezberg, Erwin A	23-Jun-53	19930090598	NACA-RM-E53D30
Aerodynamic characteristics in pitch of a series of cruciform-wing missiles with canard controls at a Mach number of 2.01	Spearman, M Leroy	30-Oct-53	19930087902	NACA-RM-L53I14
Preliminary investigation of a new type of supersonic inlet	Ferri, Antonio; Nucci, Louis M	27-Nov-46	19930093800	NACA-RM-L6J31
Preliminary results of a determination of temperatures of flames by means of K-band microwave attenuation	Rudlin, Leonard	24-Sep-51	19930090537	NACA-RM-E51G20

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Preliminary evaluation of Hi-Cal-3, Hef-2, and a solution of pentaborane - JP-4 fuel in a 1/4-sector of annular turbojet combustor	Kaufman, W B; Breitwieser, R	12-Mar-57	19930089502	NACA-RM-E56J16a
Aerodynamic Design of Axial-Flow Compressors. Volume 2		1-Aug-56	19930089244	NACA-RM-E56B03a
Drag and longitudinal trim characteristics of a low-tail version of the North American YF-100A airplane as determined from the flight test at low lift of a 0.11-scale rocket-powered model at Mach numbers between 0.75 and 1.78	Blanchard, Willard S , Jr	29-Mar-54	19930088391	NACA-RM-SL54D05
Effects of molding conditions on some physical properties of glass-fabric unsaturated-polyester laminates	Wier, John E; Pons, Dorothy C; Axilrod, Benjamin M	9-Nov-50	19930086632	NACA-RM-50J19
Stability and control force tests of four- and six-unit wing designs of low aspect ratio and 20 degree triangular plan form	Varney, Elizabeth P; Paulson, John W; Johnson, Joseph L	1-May-46	19930093696	NACA-WR-L-734, NACA-ACR-L6D17a
Compressive stress-strain properties of 2024-T3 aluminum-alloy sheet at elevated temperatures	Mathauser, Eldon E	1-Nov-56	19930084619	NACA-TN-3853
Heat transfer to 0 degree and 75 degree swept blunt leading edges in free flight at Mach numbers from 1.90 to 3.07	O'Neal, Robert L; Bond, Aleck C	24-Mar-58	19930089852	NACA-RM-L58A13
Flight investigation of the rolling effectiveness of fingered semaphore spoilers on a tapered 45 sweptback wing between Mach numbers 0.6 and 1.3	Church, James D	14-Jan-54	19930087964	NACA-RM-L53K20
Effectiveness at transonic speeds of flap-type ailerons for several spanwise locations on a 4-percent-thick sweptback-wing-fuselage model with and without tails	Hieser, Gerald; Whitcomb, Charles F	26-Feb-57	19930089467	NACA-RM-L56J04
Wind-tunnel investigation at low speed of the lateral control characteristics of an unswept untapered semi-span wing of aspect ratio 3.13 equipped with various 25-percent-chord plain ailerons	Johnson, Harold S; Hagerman, John R	1-Oct-50	19930082848	NACA-TN-2199
Force and pressure-recovery characteristics at supersonic speeds of a conical nose inlet with bypasses discharging outward from the body axis	Beke, Andrew; Allen, J L	5-Mar-53	19930087580	NACA-RM-E52L18a
Behavior of the Bell X-1A research airplane during exploratory flights at Mach numbers near 2.0 and at extreme altitudes	Drake, Hubert M; Stillwell, Wendell H	1-Sep-55	19930088845	NACA-RM-H55G25
Method of successive approximations for the solution of certain problems in aerodynamics	Shvets, M E	1-Apr-51	19930093944	NACA-TM-1286
Preliminary tests to determine the maximum lift of wings at supersonic speeds	Gallagher, James J; Mueller, James N	11-Dec-47	19930085831	NACA-RM-L7J10
Visualization study of secondary flows in turbine rotor tip regions	Allen, Hubert W; Kofskey, Milton G	1-Sep-55	19930084265	NACA-TN-3519
Effect of screens in wide-angle diffusers	Schubauer, Galen Brandt; Spangenberg, Wesley G	1-Jul-49	19930082270	NACA-TN-1610
Downwash survey behind two low-aspect-ratio variable-incidence wings in combination with three different size fuselages at a Mach number of 0.25	Hopkins, Edward J; Sorensen, Norman E	30-Mar-55	19930088605	NACA-RM-A55A07
Investigation of turbines suitable for use in a turbojet engine with high compressor ratio and low compressor-tip speed V : experimental performance of two-stage turbine with downstream stator	Davison, Elmer H; Petrash, Donald A; Schum, Harold J	21-Oct-51	19930089075	NACA-RM-E55H16

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A calculation study of wing-aileron flutter in two degrees of freedom for two-dimensional supersonic flow	Woolston, Donald S; Huckel, Vera	1-Apr-54	19930083880	NACA-TN-3160
Effect of sliding velocity on friction properties and endurance life of bonded lead monoxide coatings at temperatures up to 1250 F	Slaney, Harold E	16-May-58	19930089983	NACA-RM-E58B11
A fixture for compressive tests of thin sheet metal between lubricated steel guides	Miller, James A	1-Apr-46	19930087874	NACA-TN-1022
Landing characteristics in waves of three dynamic models of flying boats	Benson, James M; Havens, Robert F; Woodward, David R	1-Jan-52	19930083076	NACA-TN-2508
Boundary-layer measurements on several porous materials with suction applied	Mccullough, George B; Gambucci, Bruno J	18-Jun-52	19930090604	NACA-RM-A52D01b
Lifting-surface-theory results for thin elliptic wings of aspect ratio 3 with chordwise loadings corresponding to 0.5-chord plain flap and to parabolic-arc camber	Crandall, Stewart M	1-May-46	19930081665	NACA-TN-1064
One-dimensional, compressible, viscous flow relations applicable to flow in a ducted helicopter blade	Henry, John R	1-Dec-53	19930083833	NACA-TN-3089
Effects on the weight-flow range and efficiency of a typical axial-flow compressor inlet stage that result from the use of a decreased blade camber or decreased guide-vane turning	Jackson, Robert J	19-Sep-52	19930087236	NACA-RM-E52G02
Some effects of fin plan on the static stability of fin body combination at Mach number 4.06	Ulmann, Edward F; Dunning, Robert W	2-Jul-52	19930087140	NACA-RM-L52D15a
Investigation of interaction effects arising from side-wall boundary layers in supersonic wind-tunnel tests of airfoils	Czarnecki, K R; Schueller, C F	3-Nov-48	19930085504	NACA-RM-L8G27
An investigation of the effect of tetraethyl lead and ethyl nitrite on the autoignition characteristics of isooctane and triptane	Jovellanos, J U; Taylor, E S; Taylor, C F	1-Jun-50	19930082825	NACA-TN-2127
Characteristics of thin triangular wings with triangular-tip control surfaces at supersonic speeds with Mach lines behind the leading edge	Tucker, Warren A	1-May-48	19930082247	NACA-TN-1600
Theoretical aerodynamic coefficients of two-dimensional supersonic biplanes	Moeckel, W E	1-Jun-47	19930081994	NACA-TN-1316
Experimental investigation of a transonic compressor rotor with a 1.5-inch chord length and an aspect ratio of 3.0 III : blade-element and over-all performance at three solidity levels	Tysl, Edward R; Schwenk, Francis C	17-Aug-56	19930089314	NACA-RM-E56D06
Plastic buckling of a long flat plate under combined shear and longitudinal compression	Stowell, Elbridge Z	1-Dec-49	19930082708	NACA-TN-1990
A small-scale investigation of the effect of spanwise and chordwise positioning of an ogive-cylinder underwing nacelle on the high-speed aerodynamic characteristics of a 45 degree sweptback tapered-in-thickness wing of aspect ratio 6	Silvers, H Norman; King, Thomas J , Jr	18-Dec-52	19930087546	NACA-RM-L52J22

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Pressure drag of axisymmetric cowls having large initial lip angles at Mach numbers from 1.90 to 3.88	Samanich, Nick E	21-Oct-57	19930089815	NACA-RM-E57G24
Effects of fuel-nozzle carbon deposition on combustion efficiency of single tubular-type, reverse-flow turbojet combustor at simulated altitude conditions	Dittrich, Ralph T	1-Jun-48	19930082339	NACA-TN-1618
Symbols for combustion research		1-Jun-48	19930082191	NACA-TN-1507
Wake surveys in the slipstream of a full-scale supersonic-type three-blade propeller at Mach numbers to 0.96	Swihart, John M; Nortin, Harry T , Jr	30-Oct-53	19930087908	NACA-RM-L53I09
A flight and analog computer study of some stabilization and command networks for an automatically controlled interceptor during the final attack phase	Turner, Howard L; Triplett, William C; White, John S	23-Mar-55	19930088446	NACA-RM-A54J14
A summary and analysis of the low-speed longitudinal characteristics of swept wings at high Reynolds number	Furlong, G Chester; Mchugh, James G	14-Aug-52	19930087266	NACA-RM-L52D16
Biaxial fatigue strength of 24S-T aluminum alloy	Marin, Joseph; Shelson, William	1-May-49	19930082566	NACA-TN-1889
Performance evaluation of reduced-chord rotor blading as applied to J73 two-stage turbine IV : over-all performance of first-stage turbine with reduced-chord rotor blades at inlet conditions of 35 inches of mercury absolute and 700 R	Schum, Harold J	5-Jul-57	19930088067	NACA-RM-E53L29
Axial-flow fan and compressor blade design data on 52.5 degrees stagger and further verification of cascade data by rotor tests	Bogdonoff, Seymour M; Hess, Eugene E	1-Apr-47	19930081874	NACA-TN-1271
Vibration survey of four representative types of air-cooled turbine blades	Calvert, Howard F; Smith, Gordon T	1-Jul-58	19930084831	NACA-TN-4100
Some flying-qualities studies of a tandem helicopter	Amer, Kenneth B	10-Oct-51	19930086845	NACA-RM-L51H20a
Experimental investigation of hot-gas bleedback for ice protection of turbojet engines III : nacelle with short straight air inlet	Ruggeri, Robert S; Callaghan, Edmund E	4-Aug-49	19930085979	NACA-RM-E9E12
Simulation of linearized dynamics of gas-turbine engines	Ketchum, J R; Craig, R T	1-Nov-52	19930083487	NACA-TN-2826
Lateral stability and control characteristics of a free-flying model having an unswept wing with an aspect ratio of 2	Mckinney, Marion O; Shanks, Robert E	1-Jul-48	19930082275	NACA-TN-1658
Drag measurements at transonic speeds of two bodies of fineness ratio 9 with different locations of maximum body diameter	Thompson, Jim Rogers; Kurbjun, Max C	22-Jul-48	19930085355	NACA-RM-L8A28b
Preliminary report of experimental investigation of ram-jet controls and engine dynamics	Vasu, G; Wilcox, F A; Himmel, S C	25-Oct-54	19930089337	NACA-RM-E54H10
Analytical investigation of the use of regeneration in compressor-turbine-propeller systems	Wood, George P	9-Sep-46	19930093806	NACA-RM-L6I09
Investigation of an approximately 0.178-chord-thick NACA 6-series-type airfoil section equipped with sealed internally balanced 0.20-chord ailerons and with a 0.05-chord tab	Visconti, Fioravante	1-May-48	19930082239	NACA-TN-1590
Comparison of computed performance of composite power plants using 18-cylinder aircraft engines with 62 degrees and 40 degrees valve overlap	Kaufman, Samuel J; Boman, David S	1-Jan-48	19930082183	NACA-TN-1500

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A method of deriving frequency-response data for motion of the center of gravity from data measured on an aircraft at locations other than the center of gravity	Eggleston, John M	1-Oct-53	19930083795	NACA-TN-3021
Effect of heat and power extraction on turbojet-engine performance IV : analytical determination of effects of hot-gas bleed	Koutz, Stanley L	1-Mar-51	19930082965	NACA-TN-2304
Comparison of several methods of predicting the pressure loss at altitude across a baffled aircraft-engine cylinder	Neustein, Joseph; Schafer, Louis J , Jr	1-May-46	19930081731	NACA-TN-1067
The effects on the aerodynamic characteristics of reversing the wing of a triangular wing-body combination at transonic speeds as determined by the NACA wing-flow method	Mckay, James M; Hall, Albert W	22-Oct-51	19930086884	NACA-RM-L51H23
Aerodynamic characteristics at transonic speeds of a 1/7-scale rocket-powered model of the Grumman XF10F airplane with wing sweepback of 42.5 degrees : TED No. NACA DE 354	Gardner, William N	15-Apr-54	19930088239	NACA-RM-SL54D16
Comparative tensile strengths at 1200 F of various root designs for cermet turbine blades	Meyer, Andre J , Jr; Kaufman, Albert; Calvert, Howard F	16-Jun-53	19930087721	NACA-RM-E53C25
Self-ignition temperatures and flash points of some high-energy fuels	Pusanski, Barbara	13-Feb-57	19930089129	NACA-RM-E56C16a
Transonic free-flight investigation of the longitudinal aerodynamic characteristics of a 1/10-scale steel-wing of the Northrop MX-775A missile with leading-edge extensions, inboard trailing-edge flaps, and a speed brake on the vertical tail	Arbic, Richard G	11-Feb-55	19930088610	NACA-RM-SL55B07
Effect of properties of primary fluid on performance of cylindrical shroud ejectors	Kochendorfer, Fred D	11-Mar-54	19930088053	NACA-RM-E53L24a
Stall Characteristics Obtained from Flight 10 of Northrop X-4 No. 2 Airplane (USAF No. 46-677)	Sadoff, Melvin; Sisk, Thomas R	27-Feb-50	19930090543	NACA-RM-A50A04
Investigation of turbines for driving supersonic compressors IV : bdesign and performance of second configuration including study of three-dimensional flow effects	Whitney, Warren J; Stewart, Warner L; Schum, Harold J	18-May-53	19930087733	NACA-RM-E53C02
Compressible laminar boundary layer and heat transfer for unsteady motions of a flat plate	Ostrach, Simon	1-Nov-55	19930084324	NACA-TN-3569
Exploratory investigation of the effectiveness of biplane wings with large-chord double slotted flaps in redirecting a propeller slipstream downward for vertical take-off	Kirby, Robert H	1-Oct-56	19930084546	NACA-TN-3800
Span load distributions resulting from angle of attack, rolling, and pitching for tapered sweptback wings with streamwise tips	Martin, John C; Jeffreys, Isabella	1-Jul-52	19930083555	NACA-TN-2643
Performance Charts for a Turbojet System	Karp, Irving M.	1-Jun-47	19930093534	NACA-WR-E-241, NACA-ARR-E6E14

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Investigation of the effects of leading-edge chord-extensions on the aerodynamic and control characteristics of two sweptback wings at Mach numbers 1.41, 1.62, and 1.96	Ellery, B May, Jr	16-Jan-51	19930086515	NACA-RM-L50L06a
An experimental investigation at subsonic speeds of a scoop-type air-induction system for a supersonic airplane	Holzhauser, Curt A	19-Jul-51	19930086716	NACA-RM-A51E24
Preliminary investigation of a perforated axially symmetric nozzle for varying nozzle pressure ratios	Reshotko, Eli	14-Jan-53	19930087590	NACA-RM-E52J27
Some design implications of the effects of aerodynamic heating	Heldenfels, Richard R	28-Jul-55	19930088870	NACA-RM-L55F22
Wind-tunnel investigation at low speed of the effect of varying the ratio of body diameter to wing span from 0.1 to 0.8 on the aerodynamic characteristics in pitch of a 45 degree sweptback-wing-body combination	Johnson, Harold S	30-Nov-53	19930087992	NACA-RM-L53J09a
Effect of centerbody boundary-layer removal near the throat of three coniccal nose inlets at Mach 1.6 to 2.0	Kremzier, Emil J; Wise, George A	15-Nov-55	19930089080	NACA-RM-E55H16a
Numerical evaluation of mass-flow coefficient and associated parameters from wake-survey equations	Smith, Norman F	1-Aug-47	19930082017	NACA-TN-1381
A study of boundary-layer transition and surface temperature distributions at Mach 3.12	Brinich, Paul F	1-Jul-55	19930084189	NACA-TN-3509
Interaction of column and local buckling in compression members	Bijlaard, P P; Fisher, G P	1-Mar-52	19930083523	NACA-TN-2640
Theoretical lift and damping in roll of thin sweptback tapered wings with raked-in and cross-stream wing tips at supersonic speeds.subsonic leading edges	Margolis, Kenneth	1-Mar-50	19930082719	NACA-TN-2048
Variation of hydrodynamic impact loads with flight-path angle for a prismatic float at 0 and -3 degree trim and with a 22 1/2 degree angle of dead rise	Batterson, Sidney A	1-Apr-47	19930081913	NACA-TN-1166
A study of the motion and aerodynamic heating of missiles entering the earth's atmosphere at high supersonic speeds	Allen, Julian H; Eggers, A J , Jr	1-Oct-57	19930084817	NACA-TN-4047
Calculation of tunnel-induced upwash velocities for swept and yawed wings	Katzoff, S; Hannah, Margery E	1-Nov-48	19930082374	NACA-TN-1748
Initial investigation of carbide-type ceramal of 80-percent titanium carbide plus 20-percent cobalt for use as gas-turbine-blade material	Hoffman, Charles A; Ault, G Mervin; Gangler, James J	1-Mar-49	19930082496	NACA-TN-1836
Combustion of gaseous hydrogen at low pressures in a 35 degree sector of a 28-inch-diameter ramjet combustor	Kerslake, William R	22-Apr-58	19930089893	NACA-RM-E58A21a
Static stability and control characteristics of a 0.04956-scale-model of the Convair F-102A airplane at transonic speeds	Olstad, Walter B; Osborne, Robert S	27-Dec-56	19930089670	NACA-RM-SL56L24
Static properties and resistance characteristics of a family of seaplane hulls having varying length-beam ratio	Carter, Arthur W; WOODWARD DAVID R	1-Jan-54	19930083895	NACA-TN-3119
Remark on the theory of lifting surfaces	Muggia, Aldo	1-Jan-56	19930093844	NACA-TM-1386
Study by NACA wing-flow method of transonic drag characteristics of a blunt-nose body of revolution and comparison with results for a sharp-nose body	Johnston, J Ford; Lopatoff, Mitchell	26-Apr-49	19930085894	NACA-RM-L9C11

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Wind-tunnel investigation at low speeds of various plug-aileron and lift-flap configurations on a 42 degree sweptback semispan wing	Schneider, Leslie E; Watson, James M	26-Jan-49	19930085519	NACA-RM-L8K19
Transonic flight tests to determine zero-lift drag and pressure recovery of nacelles located at the wing root on a 45 degree sweptback wing and body configuration	Hoffman, Sherwood; Wolff, Austin L	29-Sep-53	19930087709	NACA-RM-L53H20
Drag tests of an NACA 65(215)-114, a = 1.0 practical-construction airfoil section equipped with a 0.295-airfoil-chord slotted flap	Quinn, John H , Jr	1-Apr-47	19930081889	NACA-TN-1236
The damping due to roll of triangular, trapezoidal, and related plan forms in supersonic flow	Jones, Arthur L; Alksne, Alberta	1-Mar-48	19930082350	NACA-TN-1548
Throat-area determination for a cascade of double-circular-arc blades	Wright, Linwood C; Schwind, Richard	15-Nov-55	19930088821	NACA-RM-E55H25a
Comparison at supersonic speeds of translating spike inlets having blunt- and sharp-lip cowls	Gorton, Gerald, C; Dryer, Murray	19-Jan-54	19930090513	NACA-RM-E54J07
Bending and buckling of rectangular sandwich plates	Hoff, N J	1-Nov-50	19930082873	NACA-TN-2225
Effect of conical and flat sting-mounted windshields on the zero-lift drag of a flare-stabilized bluff body at Mach numbers from 0.6 to 1.15	Blanchard, Willard S	12-Sep-57	19930089804	NACA-RM-L57G18
Some factors affecting the variation of pitching moment with sideslip of aircraft configurations	Polhamus, Edward C	15-Jul-55	19930088766	NACA-RM-L55E20b
Office of Naval Research and NACA metallurgical investigation of a large forged disc of Inconel X alloy	Cross, Howard C; Freeman, J W	1-Apr-49	19930082443	NACA-TN-1770
Aerodynamic characteristics including effects of wing fixes of a 1/20-scale model of the Convair F-102 airplane at transonic speeds	Osborne, Robert S; Wornom, Dewey E	18-Mar-54	19930088349	NACA-RM-SL54C23
Performance Possibilities of the Turbojet System as a Power Plant for Supersonic Airplanes	Wood, George P	26-Aug-47	19930085860	NACA-RM-L7H05a
Low-speed investigation of the effects of single slotted and double slotted flaps on a 47.7 degree sweptback-wing : fuselage combination at a Reynolds number of 6.0 x 10(exp 6)	Mollenberg, Ernst F; Spooner, Stanley H	10-Sep-51	19930086725	NACA-RM-L51E24
An analysis of the indications of the University of Chicago airborne turbulence indicator in gusty air	Pratt, K G	1-Jul-46	19930093687	NACA-WR-L-723, NACA-MR-L6G08
Comparative drag measurements at transonic speeds of 6-percent-thick airfoils of symmetrical double-wedge and circular-arc sections from tests by the NACA wing-flow method	Silsby, Norman S	8-Apr-47	19930085703	NACA-RM-L7B20
The effect of an arbitrary surface-temperature variation along a flat plate on the convective heat transfer in an incompressible turbulent boundary layer	Rubesin, Morris W	1-Apr-51	19930082997	NACA-TN-2345
Investigation at transonic speeds of the lateral-control and hinge-moment characteristics of a flap-type spoiler aileron on a 60 degree delta wing	Wiley, Harleth G; Taylor, Robert T	11-Jan-54	19930088283	NACA-RM-L53J05

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Effect of particle size and stabilizing additives on the combustion properties of magnesium slurry	Lord, Albert M; Evans, Vernida E	14-Jan-53	19930090435	NACA-RM-E52K12
A transonic wind-tunnel investigation of the effects of body indentation, as specified by the transonic drag-rise rule, on the aerodynamic characteristics and flow phenomena of a 45 degree sweptback-wing-body combination	Robinson, Harold L	9-Feb-53	19930087423	NACA-RM-L52L12
Analysis of ear formation in deep-drawn cups	Mcevily, Arthur J , Jr	1-May-55	19930084335	NACA-TN-3439
Boundary-layer transition at Mach 3.12 as affected by cooling and nose blunting	Diaconis, N S; Jack, John R; Wisniewski, Richard J	1-Jan-57	19930084920	NACA-TN-3928
The effects of an inverse-taper leading-edge flap on the aerodynamic characteristics in pitch of a wing-body combination having an aspect ratio of 3 to 45 degrees of sweepback at Mach numbers to 0.92	Demele, Fred A; POWELL K HARMON	1-Aug-58	19930085266	NACA-TN-4366
Line-vortex theory for calculation of supersonic downwash	Mirels, Harold; Haefeli, Rudolph C	1-Aug-49	19930082603	NACA-TN-1925
Free-jet altitude investigation of a 20-inch ram-jet combustor with a rich inner zone of combustion for improved low-temperature-ratio operation	Trout, Arthur M; Wentworth, Carl B	25-May-53	19930087605	NACA-RM-E52L26
Experimental investigation of effects of combustion-chamber length and inlet total temperature, total pressure, and velocity on afterburner performance	King, Charles R	3-Jun-57	19930090222	NACA-RM-E57C07
Empirical Relation Between Induced Velocity, Thrust, and Rate of Descent of a Helicopter Rotor as Determined by Wind-Tunnel Tests on Four Model Rotors	Castles, Walter, Jr; Gray, Robin B	1-Oct-51	19930083181	NACA-TN-2474
Pressure-loads produced on a flat-plate wing by rocket jets exhausting in a spanwise direction below the wing and perpendicular to a free-stream flow of Mach number 2.0	Falanga, Ralph A; Janos, Joseph J	5-Jun-58	19930090114	NACA-RM-L58D09
Directional stability characteristics of two types of tandem helicopter fuselage models	Williams, James L	1-May-54	19930083960	NACA-TN-3201
Use of a hot-wire anemometer in shock-tube investigations	Dosanjh, Darshan Singh	1-Dec-54	19930083885	NACA-TN-3163
Vibration survey of blades in 10-stage axial-flow compressor I : static investigation	Meyer, Andre J , Jr; Calvert, Howard F	31-Jan-49	19930085487	NACA-RM-E8J22
Friction of solid films on steel at high sliding velocities	Johnson, Robert L; Godfrey, Douglas; Bisson, Edmond E	1-Apr-48	19930082230	NACA-TN-1578
Investigation of effect of fluoride on corrosion of 2S-0 aluminum and 347 stainless steel in fuming nitric acid at 170 F	Feiler, Charles E; Morrell, Gerald	19-Feb-54	19930088027	NACA-RM-E53L17b
Second approximation to laminar compressible boundary layer on flat plate in slip flow	Maslen, Stephen H	1-Nov-52	19930083597	NACA-TN-2818
Experimental investigation of wing-aileron flutter characteristics of a 1/4-scale dynamic model of the X-1E airplane	Gibson, Frederick W; Igoe, William B; Maloney, P R	10-Jul-57	19930089755	NACA-RM-L57E15
Wind-tunnel investigation at Mach numbers from 0.6 to 1.4 of several ejected pilot-seat models	Summers, James L	10-Sep-58	19930090154	NACA-RM-A58E02

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Effect at high subsonic speeds of fuselage forebody strakes on the static stability and vertical-tail-load characteristics of a complete model having a delta wing	Polhamus, Edward C; Spreemann, Kenneth P	10-Feb-58	19930089988	NACA-RM-L57K15a
Some effects of aeroelasticity on the rolling effectiveness of a 10-percent-scale model of the McDonnell F-101A airplane wing at Mach numbers from 0.5 to 1.2	English, Roland D	13-Oct-55	19930088945	NACA-RM-SL55I22a
Wind-tunnel investigation of a shielded total-pressure tube at transonic speeds	Pearson, Albin O; Russell, Walter R; Gracey, William	22-Jan-52	19930087891	NACA-RM-L51K19
Experimental investigation of the aerodynamic loading on a helicopter rotor blade in forward flight	Rabbott, Robert P , Jr; Churchill, Gary B	25-Oct-56	19930089508	NACA-RM-L56I07
Tests of a full-scale horizontal tail surface in the Langley 16-foot high-speed tunnel	Schueller, Carl F; Korycinski, Peter F; Strass, H Kurt	1-May-46	19930081779	NACA-TN-1074
Pressure distributions on plug-and semaphore-type spoiler ailerons on a 35 degree sweptback wing of aspect ratio 4, taper ratio 0.6, and NACA 65A006 airfoil section at high subsonic speeds	Hammond, Alexander D; Hayes, William C , Jr	30-Aug-54	19930088211	NACA-RM-L54F08
Minimum wave drag of bodies of revolution with a cylindrical center section	Fuller, Franklyn B; Briggs, Benjamin R	1-Oct-51	19930083413	NACA-TN-2535
Velocity of action of oxygen, hydrogen sulfide, and halogens on metals	Tammann, Gustav; Koster, Werner	1-Jun-52	19930093891	NACA-TM-1339
Analytical procedures for rapid selection of coolant passage configurations for air-cooled turbine rotor blades and for evaluation of heat-transfer, strength, and pressure-loss characteristics	Ziemer, Robert R; Slone, Henry O	18-Sep-52	19930087201	NACA-RM-E52G18
Effects of horizontal-tail position and aspect ratio on low-speed static longitudinal stability and control characteristics of a 60 degree triangular-wing model having twin triangular all-movable tails	Jaquet, Byron M	23-May-52	19930087073	NACA-RM-L52B25
Experimental determination of the effects of directional stability and rotary damping in yaw on lateral stability and control characteristics	Drake, Hubert	1-Jul-46	19930081716	NACA-TN-1104
On the analysis of linear and nonlinear dynamical systems from transient-response data	Shinbrot, Marvin	1-Dec-54	19930084000	NACA-TN-3288
Aerodynamic characteristics at transonic speeds of a 60 degree delta wing equipped with a constant-chord flap-type control with and without an unshielded horn balance : transonic-bump method	Wiley, Harleth G; Zontek, Leon	16-Sep-52	19930086872	NACA-RM-L51H22
Preliminary investigations of strength characteristics of structural elements at elevated temperatures	Mathauser, Eldon E; Libove, Charles	10-Jun-53	19930087563	NACA-RM-L53E04a
Effect of diffuser design, diffuser-exit velocity profile and fuel distribution on altitude performance of several afterburner configurations	Conrad, E William; Schultz, Frederick W; Usow, Karl H	9-Jul-53	19930089069	NACA-RM-E53A30
Limits of precision in the determination of lattice parameters and stresses by the Debye-Scherrer method	Ekstein, Hans; Siegel, Stanley	1-Oct-47	19930082011	NACA-TN-1375
Rectangular-wind-tunnel blocking corrections using the velocity-ratio method	Hensel, Rudolph W	1-Jun-51	19930083104	NACA-TN-2372
Experimental investigation of air-cooled turbine blade in turbojet engine VIII : rotor blades with capped leading edges	Smith, Gordon T; Hickel, Robert O	18-Oct-51	19930086862	NACA-RM-E51H14

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The flow and force characteristics of supersonic airfoils at high subsonic speeds	Lindsey, W F; Daley, Bernard N; Humphreys, Milton D	1-Mar-47	19930081941	NACA-TN-1211
Full-scale wind-tunnel tests of a 35 degree swept-wing fighter airplane with a spoiler-slot-deflector lateral control system	Scallion, William I	26-Oct-56	19930089273	NACA-RM-L56D18
Measurements of the damping in roll of large-scale swept-forward and swept-back wings	Hunton, Lynn W; Dew, Joseph K	30-Jul-47	19930085584	NACA-RM-A7D11
Measured and estimated lateral static and rotary derivatives of a 1/12-scale model of a high-speed fighter airplane with unswept wings	Williams, James L	11-Jan-54	19930088005	NACA-RM-L53K09
Thermal shock resistance and high-temperature strength of a molybdenum disilicide - aluminum oxide ceramic	Maxwell, W A; Smith, R W	1-Oct-53	19930087811	NACA-RM-E53F26
Longitudinal stability characteristics at Mach numbers up to 0.92 of a wing-body-tail combination having a wing with 45 degrees of sweepback and a tail in various vertical positions	Stephenson, Jack D; Bandettini, Angelo; Selan, Ralph	28-Jan-55	19930088485	NACA-RM-A54K09
Lateral-control investigation of flap-type controls on a wing with quarter-chord line swept back 60 degrees, aspect ratio 4, taper ratio 0.6, and NACA 65A006 airfoil section : transonic bump method	Vogler, Raymond D	2-Mar-50	19930086155	NACA-RM-L50A17
Effect of sweepback and aspect ratio on longitudinal stability characteristics of wings at low speeds	Shortal, Joseph A; Maggin, Bernard	1-Jul-46	19930087879	NACA-TN-1093
Free-flight investigation of jet effects at low supersonic Mach numbers on a fighter-type configuration employing a tail-boom assembly : longitudinal stability and trim	Jackson, Bruce G; Crabill, Norman L	30-Aug-57	19930090581	NACA-RM-L57F19
Effect of fuselage fences on the angle-of-attack supersonic performance of a top-inlet - fuselage	Kremzier, Emil J; Campbell, Robert C	19-Jan-55	19930088423	NACA-RM-E54J04
General plastic behavior and approximate solutions of rotating disk in strain-hardening range	Lee Wu, M H	1-May-51	19930083081	NACA-TN-2367
Methods for calculating thrust augmentation and liquid consumption for various turbojet-afterburner fuels	Morris, James F	10-Oct-56	19930089250	NACA-RM-E56A23
Effect of ambient conditions on the performance of a pressure-jet powerplant for a helicopter	Krebs, Richard P	26-Jun-56	19930089236	NACA-RM-E56B21
Longitudinal stability characteristics of a simple infrared homing missile configuration at Mach numbers of 0.7 to 1.4	Brown, Clarence, A , jr	12-Jun-56	19930089287	NACA-RM-L56D10
Effects of axial-plane curvature and passage-area variation on flow capacity of radial-discharge impeller with conventional inlet buckets	Ritter, William K; Ginsburg, Ambrose; Redlitz, Alfred G	1-May-46	19930081742	NACA-TN-1068
Equations and procedures for numerically calculating the aerodynamic characteristics of lifting rotors	Gessow, Alfred	1-Oct-56	19930084602	NACA-TN-3747
Effect of fuel injectors and liner design on performance of an annular turbojet combustor with vapor fuel	Norgren, Carl T; Childs, J Howard	6-Apr-53	19930087947	NACA-RM-E53B04

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Appraisal of hazards to human survival in airplane crash fires	Pesman, Gerard J	1-Sep-53	19930083745	NACA-TN-2996
Investigation at low speed of 45 degrees and 60 degrees sweptback, tapered, low-drag wings equipped with various types of full-span, trailing-edge flaps	Harper, John J	1-Oct-51	19930081244	NACA-TN-2468
Calculation of compressible potential flow past slender bodies of revolution by an integral method	Klein, Milton M; Perl, W	1-Dec-50	19930082885	NACA-TN-2245
An investigation of the dynamic and static stability characteristics of a group of specialized store configurations at transonic speeds	Henry, Beverly Z , Jr; Braden, John A	21-Aug-53	19930087617	NACA-RM-SL53G09c
Effect of airfoil section and tip tanks on the aerodynamic characteristics at high subsonic speeds of an unswept wing of aspect ratio 5.16 and taper ratio 0.61	SILVERS H NORMAN; Spreeman, Kenneth P	1-Dec-49	19930086008	NACA-RM-L9J04
Performance of a mixed-flow impeller in combination with a semivaneless diffuser	Laskin, Eugene B; Kofskey, Milton G	4-Apr-47	19930085606	NACA-RM-E7C05a
Estimation of compressible boundary-layer growth over insulated surfaces with pressure gradient	Englert, Gerald W	1-Jun-57	19930085222	NACA-TN-4022
Transonic flight test of a rocket-powered model to determine propulsive jet influence on the configuration drag	Demoraes, Carlos, A	18-Jun-54	19930088274	NACA-RM-L54D27
Tests of aerodynamically heated multiweb wing structures in a free jet at Mach number 2 : two aluminum-alloy models of 20-inch chord with 0.064- and 0.081-inch-thick skin	Griffith, George E; Miltonberger, Georgene H; Rosecrans, Richard	9-Aug-55	19930088793	NACA-RM-L55F13
The change with mass-flow ratio of the cowl pressure drag of normal-shock inlets at supersonic speeds	Davis, Wallace F; Gowen, Forrest E	22-Jun-56	19930089193	NACA-RM-A56C06
Measurements of the drag and pressure distribution on a body of revolution throughout transition from subsonic to supersonic speeds	Thompson, Jim Rogers	16-Jan-50	19930086141	NACA-RM-L9J27
Theoretical investigation of the effect of rudder and stabilizer deflections on the angles of attack and sideslip in rapid rolls	Woodling, C H	27-Mar-57	19930089519	NACA-RM-L57A30a
NACA VGH recorder	Richardson, Norman R	1-Feb-51	19930082930	NACA-TN-2265
Free-jet investigation of a 16-inch ram jet at Mach numbers of 1.35, 1.50, and 1.73	Wilcox, Fred; Baker, Sol; Perchonok, Eugene	2-Oct-50	19930086304	NACA-RM-E50G19
An extension of the investigation of the effects of heat transfer on boundary-layer transition on a parabolic body of revolution (NACA RM-10) at a Mach number of 1.61	Czarnecki, K R; Sinclair, Archibald R	26-Mar-53	19930087845	NACA-RM-L53B25
Flight tests of a man standing on a platform supported by a teetering rotor	Hill, Paul R; Kennedy, T L	24-Mar-54	19930088114	NACA-RM-L54B12a
Clamped long rectangular plate under combined axial load and normal pressure	Woolley, Ruth M; Corrick, Josephine N; Levy, Samuel	1-Jun-46	19930090609	NACA-TN-1047
A study of second-order supersonic-flow theory	Van Dyke, Milton D	1-Jan-51	19930083110	NACA-TN-2200
Comparison of mechanical properties of flat sheets, molded shapes, and postformed shapes of cotton-fabric phenolic laminates	Reinhart, F W; Good, C L; Turner, P S; Wolock, I	1-Jan-57	19930084533	NACA-TN-3825
Application of transonic area rule to a sharp-lipped ducted nacelle	Walters, Richard E	5-Jan-54	19930087981	NACA-RM-L53J09b

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Model ditching investigation of the Boeing 707 jet transport	Thompson, William C	21-Nov-55	19930089045	NACA-RM-SL55K08
Analytical determination of coupled bending-torsion vibrations of cantilever beams by means of station functions	Mendelson, Alexander; Gendler, Selwyn	1-Sep-50	19930082834	NACA-TN-2185
A further investigation of the effect of surface finish on fatigue properties at elevated temperatures	Ferguson, Robert L	1-Mar-54	19930083809	NACA-TN-3142
Method for rapid determination of pressure change for one-dimensional flow with heat transfer, friction, rotation, and area change	Hubbartt, James E; Slone, Henry O; Arne, Vernon L	1-Jun-54	19930083856	NACA-TN-3150
A collection of data for zero-lift damping in roll of wing-body combinations as determined with rocket-powered models equipped with roll-torque nozzles	Stone, David G	1-Apr-57	19930084681	NACA-TN-3955
Notes and tables for use in the analysis of supersonic flow		1-Dec-47	19930082460	NACA-TN-1428
A method for evaluating the loads and controllability aspects of the pitch-up problem	Sadoff, Melvin; Matteson, Frederick H; Havill, C Dewey	23-Aug-55	19930088783	NACA-RM-A55D06
Studies of the lateral-directional flying qualities of a tandem helicopter in forward flight	Amer, Kenneth B; Tapscott, Robert J	1-Aug-53	19930083710	NACA-TN-2984
Effect of airfoil profile of symmetrical sections on the low-speed static-stability and yawing derivatives of 45 degrees sweptback wing models of aspect ratio 2.61	Letko, William; Jaquet, Byron M	9-Nov-48	19930085555	NACA-RM-L8H10
NACA 65-series compressor rotor performance with varying annulus-area ratio, solidity, blade angle, and Reynolds number and comparison with cascade results	Ashby, George C , Jr; Erwin, John R; Schulze, Wallace M	1-Oct-57	19930084903	NACA-TN-4130
Free-flight measurements at Mach numbers from 0.7 to 1.6 of some effects of airfoil-thickness distribution and trailing-edge angle on aileron rolling effectiveness and drag for wings with 0 and 45 degrees sweepback	Fields, E M; Strass, H Kurt	8-Oct-51	19930086680	NACA-RM-L51G27
Wind-tunnel investigation of the low-speed longitudinal and lateral control characteristics of a triangular-wing model of aspect ratio 2.31 having constant-chord control surfaces	Wolhart, Walter D; Michael, William H , Jr	6-Sep-50	19930086293	NACA-RM-L50G17
Experimental investigation of air-cooled turbine blades in turbojet engine XII : cooling effectiveness of a blade with an insert and with fins made of a continuous corrugated sheet	Bartoo, Edward R; Clure, John L	28-Aug-52	19930087193	NACA-RM-E52F24
Initial inclination of the mixing boundary separating an exhausting supersonic jet from a supersonic ambient stream	Love, Eugene S	11-Jan-56	19930089037	NACA-RM-L55J14
Effect of inlet air distortion on steady-state performance of an axial-flow turbojet engine	Russey, Robert E; Seashore, Ferris L	1-Jan-58	19930089945	NACA-RM-E57L31
Damping in roll of rocket-powered test vehicles having swept, tapered wings of low aspect ratio	Sanders, E Claude; Edmondson, James L	8-Oct-51	19930086787	NACA-RM-L51G06
Pressure distributions on thin conical body of elliptic cross section at Mach number 1.89	Maslen, Stephen H	20-Jan-49	19930085536	NACA-RM-E8K05

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A correlation with flight tests of results obtained from the measurement of wing pressure distributions on a 1/4-scale model of the X-1 airplane (10-percent-thick wing)	Runckel, Jack F; Henderson, James H	3-Sep-52	19930087259	NACA-RM-L52E29
Experimental shock configurations and shock losses in a transonic-compressor rotor at design speed	Miller, Genevieve R; Hartmann, Melvin J	5-Jun-58	19930089934	NACA-RM-E58A14b
Thrust loading of the NACA 3-(3)(05)-05 eight-blade dual-rotating propeller as determined from wake surveys	Platt, Robert J , Jr	30-Oct-52	19930087278	NACA-RM-L52I03
A pressure-distribution investigation of a supersonic-aircraft fuselage and calibration of the Mach number 1.40 nozzle of the Langley 4- by 4-foot supersonic tunnel	Hasel, Lowell E; Sinclair, Archibald R	7-Apr-50	19930086106	NACA-RM-L50B14a
Some aspects of the helicopter noise problem	Hubbard, Harvey H; Lassiter, Leslie W	1-Aug-54	19930083912	NACA-TN-3239
A discussion of recent wind-tunnel studies relating to the problems of estimating vertical- and horizontal-tail loads	Kuhn, Richard E; Hallissy, Joseph M , Jr; Stone, Ralph W , Jr	15-Jul-55	19930088733	NACA-RM-L55E16a
Survey of some preliminary investigations of supersonic diffusers at high Mach numbers	Cortright, Edgar M , Jr; Connors, James F	10-Jul-52	19930087163	NACA-RM-E52E20
Flat plate cascades at supersonic speed	El Badrawy, Rashad M	1-May-56	19930093861	NACA-TM-1369
Effect of target thickness on cratering and penetration of projectiles impacting at velocities to 13,000 feet per second	Kinard, William H; Lambert, C H , Jr; Schryer, David R; Casey, Francis W	1-Jan-58	19930090239	NACA-RM-L58I11
Supersonic conical flow	Maslen, Stephen H	1-Mar-52	19930083238	NACA-TN-2651
Tests of aerodynamically heated multiweb wing structures in a free jet at Mach number 2 : four aluminum-alloy models of 20-inch chord and span with 0.064-inch-thick skin, 0.025-inch-thick ribs and webs, and zero, one, two, or three chordwise ribs	Davidson, John R; Rosecrans, Richard; Vosteen, Louis F	8-May-58	19930089953	NACA-RM-L57L13
The effects of sweepback on longitudinal characteristics of a 1/30-scale semispan model of the Bell X-5 airplane as determined from NACA wing-flow tests at transonic speeds	Kolnick, Joseph J; Kennedy, Robert M	14-Nov-52	19930087297	NACA-RM-L52I23
Theoretical analysis of an airplane acceleration restrictor controlled by normal acceleration, pitching acceleration, and pitching velocity	Kraft, Christopher C , Jr	1-Sep-54	19930083925	NACA-TN-3243
A dynamic-model study of the effect of added weights and other structural variations on the blade bending strains of an experimental two-blade jet-driven helicopter in hovering and forward flight	Mccarty, John Locke; Brooks, George W	1-May-55	19930084557	NACA-TN-3367
Skin-friction drag and boundary-layer transition on a parabolic body of revolution (NACA RM-10)at a Mach number of 1.6 in the Langley 4-by-4 foot supersonic pressure tunnel	Czarnecki, K R; Marte, Jack E	20-May-52	19930087182	NACA-RM-L52C24
Determination of stress-rupture parameters for four heat-resisting alloys	Lidman, William G	25-Aug-47	19930085805	NACA-RM-E7G18a

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Experimental investigation of effect of cooling air on turbine performance of two turbojet engines modified for air-cooling	Smith, Gordon T; Freche, John C; Cochran, Reeves P	25-Jan-56	19930088926	NACA-RM-E55J19
Lightning discharges to aircraft and associated meteorological conditions	Harrison, L P	1-May-46	19930080793	NACA-TN-1001
Estimated transonic flying qualities of a tailless airplane based on a model investigation	Donlan, Charles J; Kuhn, Richard E	8-Jun-49	19930085877	NACA-RM-L9D08
Internal-film-cooling experiments with 2- and 4-inch smooth-surface tubes and gas temperatures to 2000 F	Kinney, George R	29-Apr-52	19930087054	NACA-RM-E52B20
Effect of longitudinal steps on skipping characteristics of PB2Y-6 flying boat	Clark, R B; Sparrow, W T	1-Jan-49	19930082479	NACA-TN-1804
Estimation of inlet lip forces at subsonic and supersonic speeds	Moeckel, W E	1-Jun-55	19930084178	NACA-TN-3457
An investigation of a method for obtaining hydrodynamic data at very high speeds with a free water jet	Weinflash, Bernard; Mcghee, John R	14-Jun-54	19930088264	NACA-RM-L54D23
Flight Measurements of the Stability Characteristics of the Bell X-5 Research Airplane in Sideslips at 59 Deg Sweepback	Childs, Joan M	11-Feb-53	19930087404	NACA-RM-L52K13b
A photoelastic investigation of stress concentrations due to small fillets and grooves in tension	Frocht, M M	1-Aug-51	19930083271	NACA-TN-2442
Mass transfer cooling near the stagnation point	Roberts, Leonard	1-Sep-58	19930085166	NACA-TN-4391
Flight Measurements of Horizontal-Tail Loads on the Bell X-5 Research Airplane at a Sweep Angle of 58.7 Deg	Reed, Robert D	21-Jul-55	19930088802	NACA-RM-H55E20a
Determination of bending moments in pressure-loaded rings of arbitrary shape when deflections are considered	Steinbacher, F R; Lo, Hsu	1-Sep-48	19930082331	NACA-TN-1692
A transonic-wing investigation in the Langley 8-foot high-speed tunnel at high subsonic Mach numbers and at a Mach number of 1.2. : wing-fuselage configuration having a wing of 0 degrees sweepback, aspect ratio 4.0,taper ratio 0.6, and NACA 65A006 ai	Cahn, Maurice S; Bryan, Carroll R	6-Mar-51	19930086507	NACA-RM-L51A02
Aerodynamic characteristics of a 1/4-scale model of the duct system for the General Electric P-1 nuclear powerplant for aircraft	Wood, Charles C; Henry, John R	29-Jul-55	19930088918	NACA-RM-SL55G29b
A theoretical method of analyzing the effects of yaw-damper dynamics on the stability of an aircraft equipped with a second-order yaw damper	Schy, Albert A; Gates, Ordway B , Jr	1-Dec-52	19930083605	NACA-TN-2857
Compressive buckling of flat rectangular metalite type sandwich plates with simply supported loaded edges and clamped unloaded edges	Seide, Paul	1-Feb-52	19930083504	NACA-TN-2637
Variation of the pressure limits of flame propagation with tube diameter for propane-air mixtures	Belles, Frank E; Simon, Dorothy M	5-Dec-51	19930087025	NACA-RM-E51J09
Similitude relations for free-model wind-tunnel studies of store-dropping problems	Sandahl, Carl A; Faget, Maxime A	1-Jan-57	19930084798	NACA-TN-3907
Acoustic analysis of ram-jet buzz	Mirels, Harold	1-Nov-55	19930084366	NACA-TN-3574
Effect of product of inertia on lateral stability	Sternfield, Leonard	1-Mar-47	19930082164	NACA-TN-1193

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Quantitative analysis of ternary mixtures of naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene by ultraviolet spectrophotometry	Cleaves, Alden P; Carver, Mildred S; Hibbard, Robert R	1-Jun-48	19930082256	NACA-TN-1608
Experimental investigation of a high subsonic Mach number turbine having low rotor suction-surface diffusion	Hauser, Cavour H; Nusbaum, William J	10-Oct-56	19930089598	NACA-RM-E56G25
Transonic longitudinal aerodynamic effects of sweeping up the rear of the fuselage of a rocket-propelled airplane model having no horizontal tail	Parks, James H	20-Jan-55	19930088397	NACA-RM-L54K12
Comparison of zero-lift drags determined by flight tests at transonic speeds of symmetrically mounted nacelles in various chordwise positions at the wing tip of a 45 degrees sweptback wing and body combination	Pepper, William B , Jr; Hoffman, Sherwood	17-Sep-51	19930086699	NACA-RM-L51F13
On laminar and turbulent friction	Von Karman, TH	1-Sep-46	19930090912	NACA-TM-1092
The influence of the control-surface-servo natural frequency upon the transient characteristics of a flight-path-angle control system incorporating a supersonic missile	Passera, Anthony L; Bridgland, Thomas F , Jr	10-Dec-53	19930089112	NACA-RM-L53J15
A mathematical theory of plasticity based on the concept of slip	Batdorf, S B; Budiansky, Bernard	1-Apr-49	19930082547	NACA-TN-1871
Preliminary investigation at low speeds of swept wings in rolling flow	Feigenbaum, David; Goodman, Alex	22-May-47	19930085670	NACA-RM-L7E09
The transonic characteristics of unswept wings having aspect ratios of 4, spanwise variations in thickness ratio, and variations in plan-form taper-transonic -bump technique	Nelson, Warren H	12-Mar-54	19930088036	NACA-RM-A53L17
An experimental study at high subsonic speeds of several tail configurations on a model with an unswept wing	Sleeman, William C , Jr	24-Apr-56	19930089295	NACA-RM-L56A06a
Effect of thickness, camber, and thickness distribution on airfoil characteristics at Mach numbers up to 1.0	Daley, Bernard N; Dick, Richard S	2-Oct-52	19930087527	NACA-RM-L52G31a
Theoretical analysis of the longitudinal behavior of an automatically controlled supersonic interceptor during the attack phase against maneuvering and nonmaneuvering targets	Woodling, C H; Gates, Ordway B , Jr	3-Oct-55	19930088855	NACA-RM-L55G18
Flight Determination of the Static Longitudinal Stability Boundaries of the Bell X-5 Research Airplane with 59 Deg Sweepback	Finch, Thomas W; Walker, Joseph A	20-Feb-53	19930087479	NACA-RM-L53A09b
Aircraft configurations developing high lift-drag ratios at high supersonic speeds	Eggers, A J , Jr; Syverton, Clarence A	5-Mar-56	19930089056	NACA-RM-A55L05
Transonic flutter investigation of a 64 degree delta wing constructed with spars along constant-percent chord lines and streamwise ribs	Jones, George W , Jr	12-Aug-57	19930089910	NACA-RM-L57G01
Strength tests of shear webs with uprights not connected to the flanges	Sandlin, Charles W	1-Jun-48	19930082307	NACA-TN-1635
Pressure distribution and pressure drag for a hemispherical nose at Mach numbers 2.05, 2.54, and 3.04	Chauvin, Leo T	31-Dec-52	19930087380	NACA-RM-L52K06
Surface pressure distributions on a large-scale 49 degree sweptback wing-body-tail configuration with blowing applied over the flaps and wing leading edge	Mclemore, H Clyde; Fink, Marvin P	17-Feb-58	19930089964	NACA-RM-L57K25

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Analytical evaluation of effect of inlet-air temperature and combustion pressure on combustion performance of boron slurries and blends of pentaborane	Tower, Leonard K	1-Jun-55	19930088580	NACA-RM-E55A31
Investigation of compressible flow mixing losses obtained downstream of a blade row	Stewart, Warner L	9-Dec-54	19930088515	NACA-RM-E54I20
Gust-response analysis of an airplane including wing bending flexibility	Houbolt, John C; Kordes, Eldon E	1-Aug-52	19930083540	NACA-TN-2763
Some effects of stator cone angle and blade-tip leakage on 40 percent reaction turbine having rotor-blade caps	English, Robert E; Mccready, Robert J; Mccready, John S	23-Mar-49	19930093789	NACA-RM-E8I21
Measurements of the effects of finite span on the pressure distribution over double-wedge wings at Mach numbers near shock attachment	Vincenti, Walter G	1-Sep-55	19930084206	NACA-TN-3522
Application of one part of Von Karman's two-dimensional transonic similarity law to drag data of NACA 65-series wings	Amer, Kenneth B	24-Aug-48	19930085469	NACA-RM-L8F24
Calculation of aerodynamic forces on an inclined dual-rotating propeller	Crigler, John L; Gilman, Jean, Jr	19-Jun-53	19930087536	NACA-RM-L53D30
Effect of ice formations on section drag of swept NACA 63A-009 airfoil with partical-span leading-edge slat for various modes of thermal ice protection	Von Glahn, Uwe H; Gray, Vernon H	15-Mar-54	19930086972	NACA-RM-E53J30
The origin and distribution of supersonic store interference from measurement of individual forces on several wing-fuselage-store configurations V : swept-wing heavy-bomber configuration with large store (nacelle). Mach number 2.01	Carson, Harry W; Geier, Douglas J	13-Feb-56	19930088976	NACA-RM-L55K15
Tests of cast aluminum-alloy mixed-flow impellers	Schwartz, Irving R	1-Apr-46	19930093231	NACA-WR-E-277, NACA-MR-E6C07
Interference method for obtaining the potential flow past an arbitrary cascade of airfoils	Katzoff, S; Finn, Robert S; Laurence, James C	1-May-47	19930082054	NACA-TN-1252
Experimental investigation of effects of wing plan form and dihedral angle on sideslip derivatives of sweptback-wing-body combinations at supersonic speeds	Boatright, William B	14-Jul-58	19930090136	NACA-RM-L58E08
Basic performance characteristics of several subsonic-diffuser-bypass-duct combinations for use with supersonic inlets	Wood, Charles C	21-Jan-57	19930090214	NACA-RM-L56J31
Experimental investigation of temperature recovery factors on a 10 degree cone at angle of attack at a Mach number of 3.12	Jack, John R; Moskowitz, Barry	1-Jul-54	19930083982	NACA-TN-3256
Preliminary experimental investigation of flutter characteristics of M and W wings	Herr, Robert W	8-Aug-51	19930086838	NACA-RM-L51E31
Investigations at supersonic speeds of 22 triangular wings representing two airfoil sections for each of 11 apex angles	Love, Eugene S	10-May-49	19930085870	NACA-RM-L9D07
Free-jet investigation of a 20-inch ram-jet combustor utilizing high-heat-release pilot burner	Henzel, James G , Jr; Wentworth, Carl B	16-Oct-53	19930087681	NACA-RM-E53H14
High-speed wind-tunnel tests of a 1/16-scale model of the D-558 research airplane : D-588-1 speed-reduction brake and symmetrical-profile wing characteristics	Wright, John B	15-Jun-48	19930085315	NACA-RM-L8B06

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Ground-simulator study of the effects of stick force and displacement on tracking performance	Faber, Stanley	1-Apr-55	19930084284	NACA-TN-3428
Theoretical motions of hydrofoil systems	Imlay, Frederick H	1-Jun-47	19930081901	NACA-TN-1285
Strength properties of rayon-mat honeycomb core materials	Kommers, W J	1-Apr-50	19930082794	NACA-TN-2084
A survey of methods for turbojet thrust measurement applicable to flight installations	Fleming, William A; Gabriel, David S	10-Jun-55	19930088693	NACA-RM-E55D05a
Experimental investigation of velocity distributions of downstream of single duct bends	Weske, John R	1-Jan-48	19930082124	NACA-TN-1471
Wind-tunnel investigation of the effect of canopies on directional stability characteristics of a single engine airplane model	Maclachlan, Robert; Levitt, Joseph	1-May-46	19930081670	NACA-TN-1052
Effect of an increase in angle of dead rise on the hydrodynamic characteristics of a high-length-beam-ratio hull	Whitaker, Walter E , Jr; Bryce, Paul W , Jr	1-Feb-51	19930082956	NACA-TN-2297
Investigation of the statistical nature of the fatigue of metals	Dieter, G E; Mehl, R F	1-Sep-53	19930083768	NACA-TN-3019
Interaction of a free flame front with a turbulence field	Tucker, Maurice	1-Mar-55	19930084137	NACA-TN-3407
Preliminary tank tests of some hydro-ski-wheel combinations in the planing condition	Land, Norman S; Fontana, Rudolph E	6-Oct-52	19930087334	NACA-RM-L52H15
A wind-tunnel investigation of a 0.4 scale model of an assault-transport airplane with boundary-layer control applied	Fink, Marvin P; Cocke, Bennie W; Lipson, Stanley	7-May-56	19930088864	NACA-RM-L55G26a
A method for the determination of the spanwise load distribution of a flexible swept wing at subsonic speeds	Skoog, Richard B; Brown, Harvey H	1-Mar-51	19930082867	NACA-TN-2222
Fundamental effects of cold-work on some cobalt-chromium-nickel-iron base creep-resistant alloys	Frey, D N; Freeman, J W; White, A E	1-Jan-52	19930083407	NACA-TN-2586
A linear time-temperature relation for extrapolation of creep and stress-rupture data	Manson, S S; Haferd, A M	1-Mar-53	19930083803	NACA-TN-2890
The effect of fluid injection on the compressible turbulent boundary layer : preliminary tests on transpiration cooling of a flat plate	Rubesin, Morris W; Pappas, Constantine C; Okuno, Arthur F	21-Dec-55	19930088912	NACA-RM-A55I19
A transonic wind-tunnel investigation of the characteristics of a twisted and cambered 45 degree sweptback wing-fuselage configuration	Harrison, Daniel E	19-Dec-52	19930087473	NACA-RM-L52K18
Transonic flutter investigation of two 50 degree semispan modified-delta wings with tip ailerons	Platt, Robert J , Jr	17-Feb-58	19930090080	NACA-RM-L57J14a
Study of the canard configuration with particular reference to transonic flight characteristics and low-speed characteristics at high lift	Mathews, Charles W	16-Nov-49	19930085436	NACA-RM-L8G14
General theory of wave-drag reduction for combinations employing quasi-cylindrical bodies with an application to swept-wing and body combinations	Nielsen, Jack N; Pitts, William C	1-Sep-56	19930084448	NACA-TN-3722
An investigation of aircraft heaters XXX : nocturnal irradiation as a function of altitude and its use in determination of heat requirements of aircraft	Boelter, L M K; Poppendiek, H; Young, G; Andersen, J R	1-Jan-49	19930082088	NACA-TN-1454

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Wing-body interference at supersonic speeds with an application to combinations with rectangular wings	Nielsen, Jack N; Pitts, William C	1-Apr-52	19930083838	NACA-TN-2677
Low-speed wind-tunnel investigation of a triangular sweptback air inlet in the root of a 45 degree sweptback wing	Keith, Arvid L , Jr; Schiff, Jack	1-Jan-55	19930084515	NACA-TN-3363
Combustion of gaseous hydrogen in a small rectangular ramjet combustor	Sheldon, John W	25-Aug-54	19930090086	NACA-RM-E58D15a
The effect of spanwise aileron location on the rolling effectiveness of wings with 0 degree and 45 degree sweep at subsonic, transonic, and supersonic speeds	Strass, H Kurt	25-Apr-50	19930086207	NACA-RM-L50A27
A preliminary investigation of shock-wave reflections in a small closed ballistic range with various types of walls	Sabol, A P	4-Sep-52	19930087241	NACA-RM-L52G25
Floating characteristics of a plain and a horn-balanced rudder at spinning attitudes as determined from rotary tests on a model of a typical low-wing personal-owner airplane	Bihrlle, William, Jr	1-May-51	19930083095	NACA-TN-2359
Effect of trailing edge thickness on lift at supersonic velocities	Chapman, Dean R; Kester, Robert H	10-Jul-52	19930087145	NACA-RM-A52D17
Effects of symmetric and asymmetric thrust reversal on the aerodynamic characteristics of a model of a twin-engine airplane	Goodson, Kenneth W; Draper, John W	1-Sep-53	19930083692	NACA-TN-2979
A survey of background and aircraft noise in communities near airports	Stevens, K N	1-Dec-54	19930084663	NACA-TN-3379
Flight tests of an all-movable horizontal tail with geared unbalancing tabs on the Curtiss XP-42 airplane	Kleckner, Harold F	1-Oct-46	19930081790	NACA-TN-1139
Investigation of the compressive strength and creep lifetime of 2024-T3 aluminum-alloy plates at elevated temperatures	Mathauser, Eldon E; Deveikis, William D	1-Jan-56	19930084319	NACA-TN-3552
Altitude performance of annular combustor type turbojet engine with JFC-2 fuel /James W. Useller, James L. Harp, Jr. and Zelmar Barson	Useller, James W; Harp, James L JR; Barson, Zelmar	5-Feb-52	19930086782	NACA-RM-E51J26
Longitudinal-control effectiveness and downwash characteristics at transonic speeds of a 1/30-scale semispan model of the Bell X-5 airplane as determined by the NACA wing-flow method	Silsby, Norman S; Morris, Garland J	12-Jan-53	19930087375	NACA-RM-L52K12
The effect of some surface roughness elements on the drag of a body of revolution at supersonic speeds	Hopko, Russell N	24-Nov-54	19930090504	NACA-RM-L54I21
Full-scale wind-tunnel investigation of the effects of wing modifications and horizontal-tail location on the low-speed static longitudinal characteristics of a 35 degree swept-wing airplane	Maki, Ralph L	3-Apr-52	19930087007	NACA-RM-A52B05
Flight investigation of pentaborane fuel in 9.75-inch-diameter ram-jet engine with downstream fuel injection	Disher, John H; Jones, Merle L	22-Apr-57	19930088900	NACA-RM-E55G01
Aerodynamic characteristics of several flap-type trailing-edge controls on a trapezoidal wing at Mach numbers of 1.61 and 2.01	Lord, Douglas R; Czarnecki, K R	14-Jun-54	19930088246	NACA-RM-L54D19
Corrections for lift, drag, and moment of an airfoil in a supersonic tunnel having a given static pressure gradient	Ludloff, H F; Friedman, M B	1-Dec-52	19930083566	NACA-TN-2849

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Some observations on stress-corrosion cracking of single crystals of AZ61X magnesium alloy	Meller, F; Metzger, M	1-Jul-57	19930085209	NACA-TN-4019
Properties of certain intermetallics as related to elevated-temperature applications I : molybdenum disilicide	Maxwell, W A	6-Oct-49	19930085926	NACA-RM-E9G01
An approximate method of calculating the deformations of wings having swept, M or W, ? and swept-tip plan forms	Zender, George W; Brooks, William A , Jr	1-Oct-53	19930083658	NACA-TN-2978
Discrete potential theory for two-dimensional Laplace and Poisson difference equations	Saltzer, Charles	1-Jan-58	19930085135	NACA-TN-4086
Flight investigation of effects of rotor-blade twist on helicopter performance in the high-speed and vertical-autorotative-descent conditions	Gessow, Alfred	1-Aug-48	19930082289	NACA-TN-1666
Comparison of zero-lift drag determined by flight tests at transonic speeds of pylon, underslung, and symmetrically mounted nacelles at 40 percent semispan of a 45 degrees sweptback wing and body combination	Hoffman, Sherwood	25-Jun-51	19930086638	NACA-RM-L51D26
Analytical investigation of fuel-cooled turbine blades with return-flow type of finned coolant passages	Nachtigall, Alfred J; Slone, Henry O	26-Jun-57	19930089702	NACA-RM-E57D03
An experimental investigation of the effect of various parameters including tip Mach number on the flutter of some model helicopter rotor blades	Brooks, George W; Baker, John E	19-Jun-53	19930087509	NACA-RM-L53D24
The effects of fuselage size on the low-speed longitudinal aerodynamic characteristics of a thin 60 degree delta wing with and without a double slotted flap	Riebe, John M	3-Feb-53	19930087461	NACA-RM-L52L29a
Flight measurements of drag and base pressure of a fin-stabilized parabolic body of revolution (NACA RM-10) at different Reynolds numbers and at Mach numbers from 0.9 to 3.3	Jackson, H Herbert; Rumsey, Charles B; Chauvin, Leo T	1-Nov-54	19930084086	NACA-TN-3320
A systematic study of the effects of leading-edge chord-extensions on the low-speed longitudinal stability characteristics of three 45 degree sweptback wings	Kelly, H Neale	27-Oct-55	19930089094	NACA-RM-L55H19
Experimental investigation of thrust augmentation of a turbojet engine at zero ram by means of tail-pipe burning	Lundin, Bruce T; Dowman, Harry W; Gabriel, David S	6-Jan-47	19930085745	NACA-RM-E6J21
Effect of wing sweep, taper, and thickness ratio on the transonic drag characteristics of wing-body combinations	Thompson, Jim Rogers; Mathews, Charles W	31-Dec-48	19930085509	NACA-RM-L8K01
The behavior of beryllium and beryllium copper in a 4,000 F supersonic air jet at a Mach number of 2	Kinard, William H	16-Oct-57	19930089834	NACA-RM-L57G31
Effect of fuselage circumferential inlet location on diffuser-discharge total-pressure profiles at supersonic speeds	Kremzier, Emil J; Wasserbauer, Joseph F	29-Oct-56	19930090288	NACA-RM-E56G26
Empirical method for frequency compensation of the hot-wire anemometer	Runyan, Raymond A; Jeffries, Robert J	1-Jun-47	19930081956	NACA-TN-1331
Wing-flow investigation of the characteristics of seven unswept, untapered airfoils of aspect ratio 8.0	Crane, Harold L; Adams, James J	13-Jun-51	19930086673	NACA-RM-L51D24a

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Theoretical wave drag of shrouded airfoils and bodies	Byrd, Paul F	1-Jun-56	19930084508	NACA-TN-3718
Preliminary results of natural icing of an axial-flow turbojet engine	Acker, Loren W	6-Aug-48	19930085339	NACA-RM-E8C18
Comparison of outside-surface heat-transfer coefficients for cascades of turbine blades	Hubbartt, James E	17-Jul-50	19930086347	NACA-RM-E50C28
Notes on the application of airfoil studies to helicopter rotor design	Gustafson, F B	22-Sep-48	19930085367	NACA-RM-L8C26
Low-speed static longitudinal and lateral stability characteristics of two low-aspect-ratio wings cambered and twisted to provide a uniform load at a supersonic flight condition	Fisher, Lewis R	6-Jun-51	19930086565	NACA-RM-L51C20
Investigation of the I-40 jet-propulsion engine in the Cleveland Altitude wind tunnel IV : analysis of combustion-chamber performance	Hensley, Reece V	25-Aug-48	19930085425	NACA-RM-E8G02c
Instrumentation for recording transient performance of gas-turbine engines and control systems	Delio, Gene J; Schwent, Glennon V	27-Jun-51	19930086628	NACA-RM-E51D27
The effects of compressibility on the upwash at the propeller planes of a four-engine tractor airplane configuration having a wing with 40 degrees of sweepback and an aspect ratio of 10	Lopez, Armando E; Dickson, Jerald K	7-Apr-53	19930087576	NACA-RM-A53A30a
Note on the accuracy of a method for rapidly calculating the increments in velocity about an airfoil due to angle of attack	Loftin Laurence K , JR	1-Jun-49	19930082562	NACA-TN-1884
A transonic wind-tunnel investigation of the effects of body indentation on the aerodynamic characteristics of an approximate-delta-wing-body configuration, and a comparison with a wing of reversed plan form	Williams, Claude V	13-Aug-53	19930087717	NACA-RM-L53F05a
Wind-tunnel investigation of a shielded total-pressure tube at a Mach number of 1.61	WALTER R RUSSELL; Gracey, William	10-Mar-54	19930088049	NACA-RM-L53L23a
The response of an airplane to random atmospheric disturbances	Diederich, Franklin W	1-Apr-57	19930084813	NACA-TN-3910
An investigation of continuous boundary-layer removal in an axial flow compressor with porous walls	Wlodarski, John	11-Dec-53	19930087705	NACA-RM-L53H19
Analytical study of the effect of center-of-gravity position on the response to longitudinal control in landing approaches of a swept-wing airplane of low aspect ratio having no horizontal tail	Stone, Ralph W , Jr	15-Oct-54	19930088345	NACA-RM-L54H04
Fatigue Investigation of Full-Scale Transport-Airplane Wings: Variable-Amplitude Tests with a Gust-Loads Spectrum	Whaley, Richard E	1-Nov-57	19930084916	NACA-TN-4132
Investigation of turbines suitable for use in a turbojet engine with high compressor pressure ratio and low compressor-tip speed I : turbine-design requirements for several engine operating conditions	English, Robert E; Silvern, David H; Davison, Elmer H	4-Mar-52	19930086868	NACA-RM-E52A16
Effect of geometric dihedral on the aerodynamic characteristics of two isolated vee-tail surfaces	Schade, Robert O	1-Jul-47	19930082007	NACA-TN-1369

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Turning-angle design rules for constant-thickness circular-arc inlet guide vanes in axial annular flow	Lieblein, Seymour	1-Sep-50	19930082830	NACA-TN-2179
Limited investigation of noise suppression by injection of water into exhaust of afterburning jet engine	Kurbjun, Max C	20-Feb-58	19930089941	NACA-RM-L57L05
Theoretical investigation of the performance of proportional navigation guidance systems : effect of method of positioning the radar antenna on the speed of response	Abramovitz, Marvin	13-Aug-52	19930087255	NACA-RM-A52E27
Investigation of lift and center of pressure of low-aspect-ratio, cruciform, triangular, and rectangular wings in combination with a slender fuselage at high supersonic speeds	Canning, Thomas N; Denardo, Billy Pat	26-Jun-52	19930087159	NACA-RM-A52C24
Effect of Finite Span on the Airlod Distributions for Oscillating Wings I : Aerodynamic Theory of Oscillating Wings of Finite Span	Reissner, Eric	1-Mar-47	19930082160	NACA-TN-1194
Standard symbols for helicopters	Gessow, Alfred	1-Jun-48	19930082252	NACA-TN-1604
An electrical computer for the solution of shear-lag and bolted-joint problems	Ross, Robert D	1-May-47	19930081897	NACA-TN-1281
High-subsonic damping-in-roll characteristics of a wing with the quarter-chord line swept back 35 degrees and with aspect ratio 3 and taper ratio 0.6	Myers, Boyd C , II; Kuhn, Richard E	10-May-49	19930085922	NACA-RM-L9C23
Theoretical investigation of thrust augmentation of turbojet engines by tail-pipe burning	Bohanon, H R; Wilcox, E C	28-Jan-47	19930085741	NACA-RM-E6L02
Effect of axially staged fuel introduction on performance of one-quarter sector of annular turbojet combustor	Zettle, Eugene V; Mark, Herman	30-Mar-53	19930087572	NACA-RM-E53A28
Effect of changing manifold pressure, exhaust pressure, and valve timing on the air capacity and output of a four-stroke engine operated with inlet valves of various diameters and lifts	Livengood, James C; Eppes, James V D	1-Dec-47	19930082003	NACA-TN-1366
Considerations of the total drag of supersonic airfoil sections	Ivey, H Reese; Klunker, E Bernard	1-Jul-47	19930081999	NACA-TN-1371
Effects of airplane flexibility on wing strains in rough air at 5,000 feet as determined by flight tests of a large swept-wing airplane	Rhyne, Richard H; Murrow, Harold N	1-Sep-57	19930084850	NACA-TN-4107
Effects of increasing Reynolds number from 2 x 10(exp 6) to 6 x 10(exp 6) on the aerodynamic characteristics at transonic speeds of a 45 degree swept wing with 6 degree leading-edge droop	Schmeer, James W; Cooper, J Lawrence	1-Jan-55	19930088592	NACA-RM-L54L10
Investigation of separated flows in supersonic and subsonic streams with emphasis on the effect of transition	Chapman, Dean R; Kuehn, Donald M; Larson, Howard K	1-Mar-57	19930084714	NACA-TN-3869
Measurements of turbulent skin friction on a flat plate at transonic speeds	Hakkinen, Raimo J	1-Sep-55	19930084308	NACA-TN-3486
Investigation at high subsonic speeds of the effect of adding various combinations of missiles on the aerodynamic characteristics of sweptback and unswept wings combined with a fuselage	Silvers, H Norman; Alford, William J , Jr	7-Apr-54	19930089319	NACA-RM-L54D20

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Some effects of chordwise fences on the aerodynamic characteristics of four moderately sweptback wings in the low-lift range at transonic Mach numbers and at Mach number 1.9	Guy, Lawrence D	21-Jul-50	19930086220	NACA-RM-L50E16
High-speed subsonic characteristics of 16 NACA 6-series airfoil sections	Van Dyke, Milton D	1-Mar-52	19930083777	NACA-TN-2670
A thermal system for continuous monitoring of laminar and turbulent boundary-layer flows during routine flight	Richardson, Norman R; Horton, Elmer A	1-Sep-57	19930084854	NACA-TN-4108
Kinetic temperature of wet surfaces : a method of calculating the amount of alcohol required to prevent ice, and the derivation of the psychometric equation	Hardy, J K	1-Jan-53	19930093546	NACA-WR-A-8, NACA-ARR-5G13
An analysis of the transition of a helicopter from hovering to steady autorotative vertical descent	Nikolsky, A A; Seckel, Edward	1-Jun-49	19930082585	NACA-TN-1907
Preliminary analysis of problem of determining experimental performance of air-cooled turbine I : methods for determining heat-transfer characteristics	Ellerbrock, Herman H , Jr; Ziemer, Robert R	12-Jun-50	19930086096	NACA-RM-E50A05
Thermodynamic properties of products of combustion of hydrogen with air fo r temperatures of 600 to 4400 R	English, Robert E; Hauser, Cavour H	12-Oct-56	19930090204	NACA-RM-E56G03
Rapid determination of core dimensions of crossflow gas-to-gas heat exchangers	Diaguila, Anthony J; Livingood, John N B	1-Dec-56	19930084748	NACA-TN-3891
Effects of the spanwise, chordwise and vertical location of an external store on the aerodynamic characteristics of a 60 degree delta wing at Mach numbers of 1.41, 1.62, and 1.96	Jacobsen, Carl R	27-Oct-52	19930087285	NACA-RM-L52H29
Aerodynamic characteristics of 15 NACA airfoil sections at seven Reynolds numbers from 0.7 x 10(exp 6) to 9.0 x 10(exp 6)	Loftin, Laurence K , Jr; Smith, Hamilton A	1-Oct-49	19930082618	NACA-TN-1945
Preliminary full-scale investigation of a 1/3-scale model of a convertible-type airplane	Lange, Roy H; Cocke, Bennie W , Jr; Proterra, Anthony J	7-Jun-49	19930085842	NACA-RM-L9C29
Parameters determining performance of supersonic pilotless airplanes powered by ram-compression power planes	Hill, Paul R	1-Jun-46	19930093669	NACA-WR-L-755, NACA-ACR-L6D17
Application of supersonic vortex-flow theory to the design of supersonic impulse compressor- or turbine-blade sections	Wlodarski, John; Sterrett, James R; Boxer, Emanuel	24-Apr-52	19930087012	NACA-RM-L52B06
Some experiments on the flutter of sweptback cantilever wing models at Mach number 1.3	Tuovila, W J	15-Mar-51	19930086590	NACA-RM-L51A11
Critical velocities of ultracentrifuges	Sokolov, V I	1-Mar-51	19930093953	NACA-TM-1272
An approximate determination of the lift of slender cylindrical bodies and wing-body combinations at very high supersonic speeds	Ivey, H Reese; Morrisette, Robert R	1-Oct-48	19930082358	NACA-TN-1740
Investigation of a translating-cone inlet at Mach numbers from 1.5 to 2.0	Sterbentz, William H; Leissler, L Abbott	11-May-54	19930088150	NACA-RM-E54B23
Experimental investigation of flow fields at zero sideslip near swept- and unswept-wing-fuselage combinations at low speed	Alford, William J; King, Thomas J , Jr	18-Jan-57	19930089535	NACA-RM-L56J19
The effect of preignition on cylinder temperatures, pressures, power output, and piston failures	Corrington, Lester C; Fisher, William F	17-Feb-47	19930093779	NACA-RM-E6L10

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Tank investigation of a series of related hydro-skis as load-alleviation devices for landing a seaplane in waves	Carter, Arthur W; Morse, Archibald E , Jr; Woodward, David R	19-Dec-56	19930089446	NACA-RM-L56I25a
A theoretical analysis of the field of random noise source above an infinite plane	Franken, Peter A	1-Nov-55	19930084244	NACA-TN-3557
Effect of fuselage and tail surfaces on low-speed yawing characteristics of a swept-wing model as determined in curved-flow test section of Langley stability tunnel	Bird, John D; Jaquet, Byron M; Cowan, John W	1-Oct-51	19930083055	NACA-TN-2483
Supersonic flutter of a 60 degree delta wing encountered during the flight test of a rocket-propelled model	Lauten, William T , Jr; Judd, Joseph H	22-Jun-54	19930088218	NACA-RM-L54D12a
Comparison of the minimum drag of two versions of a modified delta-wing fighter as obtained from flight tests of rocket-boosted models and equivalent bodies between Mach numbers of 0.80 and 1.64	Hasting, Earl C , Jr; Mitcham, Grady L	24-Sep-56	19930089416	NACA-RM-L56E04
High-altitude performance of J71-A-11 turbojet engine and its components using JP-4 and gaseous-hydrogen fuels	Smith, Ivan D; Saari, Martin J	29-May-57	19930089649	NACA-RM-E56L05
Tests of ring-stiffened circular cylinders subjected to a transverse shear load	Peterson, James P; Updegraff, Richard G	1-Sep-58	19930085245	NACA-TN-4403
Wind-tunnel investigation at low-speed of the static lateral and longitudinal characteristics of a 1/10-scale model of the Douglas A4D-1 airplane : TED No. NACA DE 389	Wolhart, Walter D; Fletcher, H S	16-Aug-54	19930088328	NACA-RM-SL54H13
Effects of control profile on the oscillating hinge-moment and flutter characteristics of a flap-type control at transonic speeds	Moseley, William C , Jr; Price, George W , Jr	23-Aug-57	19930089734	NACA-RM-L57E27
Effect of the NACA Injection Impeller on the Mixture Distribution of a Double-Row Radial Aircraft Engine	Marble, Frank E.; Ritter, William K.; Miller, Mahlon A.	1-May-46	19930081758	NACA-TN-1069
The hydrodynamic planing lift of four surfaces as measured in a 200-FPS free jet	Mcgehee, John R; Pelz, Charles A; Weinflash, Bernard	7-Jul-54	19930088190	NACA-RM-L54F01
Aerodynamic characteristics of NACA RM-10 missile in 8- by 6-foot supersonic wind tunnel at Mach numbers from 1.49 to 1.98 II : presentation and analysis of force measurements	Esenwein, Fred T; Obery, Leonard J; Schueller, Carl F	21-Jul-50	19930086134	NACA-RM-E50D28
Free-flight measurements of aerodynamic heat transfer to Mach number 3.9 and of drag to Mach number 6.9 of a fin-stabilized cone-cylinder configuration	Rumsey, Charles B	7-Oct-55	19930088905	NACA-RM-L55G28a
Some effects of aircraft configuration on static longitudinal and directional stability characteristics at supersonic Mach numbers below 3	Spearman, M Leroy; Henderson, Arthur, Jr	17-Feb-56	19930089016	NACA-RM-L55L15a
Jet effects on base pressures of conical afterbodies at Mach 1.91 and 3.12	Baughman, L Eugene; Kochendorfer, Fred D	12-Aug-57	19930089763	NACA-RM-E57E06
Vertical and drag ground-reaction forces developed in landing impacts of a large airplane	Sawyer, Richard H; Hall, Albert W; Mckay, James M	21-Jun-55	19930088829	NACA-RM-L55E12c
Boundary-induced downwash due to lift in a two-dimensional slotted wind tunnel	Katzoff, S; Barger, Raymond L	1-Jun-58	19930085125	NACA-TN-4289

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Aerodynamic characteristics of a 42 degree swept-back wing with aspect ratio 4 and NACA 64(sub 1)-112 airfoil sections at Reynolds numbers from 1,700,000 to 9,500,000	Neely, Robert H; Conner, D William	23-May-47	19930085629	NACA-RM-L7D14
Aerodynamic properties of slender wing-body combinations at subsonic, transonic, and supersonic speeds	Spreiter, John R	1-Jul-48	19930083120	NACA-TN-1662
Stability derivatives of thin rectangular wings at supersonic speeds : wing diagonal ahead of tip mach lines	Harmon, Sidney M	1-Nov-48	19930082713	NACA-TN-1706
Use of aerodynamic heating to provide thrust by vaporization of surface coolants	Moeckel, W E	1-Feb-54	19930083976	NACA-TN-3140
Effects of span and spanwise and chordwise location on the control effectiveness of spoilers on a 50 degree sweptback wing at Mach numbers of 1.41 and 1.96	Kindell, William H	8-Apr-53	19930087503	NACA-RM-L53B09
Determination of mean camber surfaces for wings having uniform chordwise loading and arbitrary spanwise loading in subsonic flow	Katzoff, S; Faison, M Frances; Dubose, Hugh C	1-May-53	19930083613	NACA-TN-2908
The high-speed aerodynamic effects of modifications to the wing and wing-fuselage intersection of an airplane model with the wing swept back 35 degrees	Boddy, Lee E; Morrill, Charles P , Jr	18-Feb-48	19930085815	NACA-RM-A7J02
Preliminary investigation of various ailerons on a 42 degree sweptback wing for lateral control at transonic speeds	Turner, Thomas R; Lockwood, Vernard E; Vogler, Raymond D	7-Sep-48	19930085442	NACA-RM-L8D21
Experimental investigation of the turbulent-boundary-layer temperature-recovery factor on bodies of revolution at Mach numbers from 2.0 to 3.8	Stine, Howard A; Scherrer, Richard	1-Mar-52	19930083361	NACA-TN-2664
Investigation of a shrouded and an unshrouded axial-flow supersonic compressor	Boxer, Emanuel; Erwin, John R	15-Sep-50	19930086330	NACA-RM-L50G05
Internal performance at Mach number to 2.0 of two auxiliary inlets immersed in fuselage boundary layer	Pennington, Donald B; Simon, Paul C	10-Mar-54	19930090318	NACA-RM-E53L28b
A performance analysis of methods for handling excess inlet flow at supersonic speeds	Hearth, Donald P; Connors, James F	1-May-58	19930085033	NACA-TN-4270
An investigation of aircraft heaters XXXVIII : determination of thermal performance of rectangular- and trapezoidal-shaped inner-skin passages for anti-icing systems	Boelter, L M K; Sanders, V D; Romie, F E	1-Nov-51	19930083316	NACA-TN-2524
Longitudinal stability and control characteristics at transonic speeds of a semispan airplane model having a 45 degree sweptback wing and tail as obtained by the transonic-bump method	Spearman, Leroy	30-Jun-48	19930085322	NACA-RM-L8C11
A sonic-flow orifice probe for the in-flight measurements of temperature profiles of a jet engine exhaust with afterburning	Havill, C Dewey; Rolls, L Stewart	1-May-56	19930084491	NACA-TN-3714
Note on flutter of a 60 degree delta wing encountered at low-supersonic speeds during the flight of a rocket-propelled model	Lauten, William T , Jr; Mitcham, Grady L	14-May-51	19930086580	NACA-RM-L51B28
Spontaneous ignition limits of pentaborane	Schalla, Rose L	23-Jan-57	19930088596	NACA-RM-E55B03

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Wind-tunnel investigation of two vertical-takeoff-and-landing jet bomber airplane configurations at Mach numbers of 1.94 and 2.40	Jones, Robert A; Rainey, Robert W	31-Oct-56	19930089566	NACA-RM-L56H22a
Characteristics of perforated diffusers at free-stream Mach number 1.90	Hunczak, Henry R; Kremzier, Emil J	8-May-50	19930086237	NACA-RM-E50B02
Investigation at transonic speeds of a fixed divergent ejector installed in a single-engine fighter model	Swihart, John M; Mercer, Charles E	3-Mar-58	19930090303	NACA-RM-L57L10a
Wind-tunnel investigation of horizontal tails II : unswept and 35 degree swept-back plan forms of aspect ratio 4.5	Dods, Jules B , Jr	3-Jun-48	19930090366	NACA-RM-A8B11
Changes found on run-in and scuffed surfaces of steel chrome plate, and cast iron	Good, J N; Godfrey, Douglas	1-Oct-47	19930082175	NACA-TN-1432
Effect of length-beam ratio on aerodynamic characteristics of flying-boat hulls without wing interference	Lowry, John G; Riebe, John M	1-Sep-48	19930082323	NACA-TN-1686
Average properties of compressible laminar boundary layer on flat plate with unsteady flight velocity	Moore, Franklin K; Ostrach, Simon	1-Dec-56	19930084731	NACA-TN-3886
Experimental investigation of an axial-flow compressor inlet stage operating at transonic relative inlet Mach numbers IV : stage and blade-row performance of stage with axial-discharge stators	Sandercock, Donald M; Lieblein, Seymour; Schwenk, Francis C	28-Jun-54	19930088360	NACA-RM-E54C26
Experimental investigation of blade flutter in an annular cascade	Rowe, J R; Mendelson, A	1-Nov-55	19930084382	NACA-TN-3581
Performance of a 20-inch steady-flow ram jet at high altitudes and ram-pressure ratios	Perchonok, Eugene; Sterbentz, William H; Wilcox, Fred A	25-Jun-47	19930085756	NACA-RM-E6L06
Analytical investigation of icing limit for diamond-shaped airfoil in transonic and supersonic flow	Callaghan, Edmund E; Serafini, John S	1-Jan-53	19930083619	NACA-TN-2861
Expressions for measuring the accuracy of approximate solutions to compressible flow through cascades of blades with examples of use	Sinnette, John T; Costello, George R; Cummings, Robert L	1-Oct-51	19930083420	NACA-TN-2501
Analytical considerations regarding a control-surface balance arrangement for subsonic and supersonic flight	Toll, Thomas A; Adair, Glenn H	10-Jan-49	19930085569	NACA-RM-L8L01
Flow characteristics over a lifting wedge of finite aspect ratio with attached and detached shock waves at a Mach number of 1.40	Hilton, John H , Jr	1-Jun-52	19930083301	NACA-TN-2712
Experimental and theoretical studies of surging in continuous-flow compressors	Bullock, Robert O; Wilcox, Ward W; Moses, Jason J	1-Mar-47	19930081982	NACA-TN-1213
Moment of inertia and damping of fluid in tanks undergoing pitching oscillations	Widmayer, Edward, Jr; Reese, James R	11-Jun-53	19930087551	NACA-RM-L53E01a
High-speed stability and control characteristics of a fighter airplane model with a swept-back wing and tail	Morrill, Charles P , Jr; Boddy, Lee E	14-Apr-48	19930085821	NACA-RM-A7K28
Empirical mode constants for calculating frequencies of axial-flow compressor blades	Millenson, M B; Wilterdink, P I	23-Apr-48	19930085346	NACA-RM-E8A20
An analytical study of sideslip angles and vertical-tail loads in rolling pullouts as affected by some characteristics of modern high-speed airplane configurations	Stone, Ralph W , Jr	8-Oct-53	19930087696	NACA-RM-L53G21
A theoretical study of the dynamic properties of helicopter-blade systems	Reissner, H; Morduchow, M	1-Nov-48	19930082139	NACA-TN-1430

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Investigation of first stage of two-stage turbine designed for free-vortex flow	Englert, G W; Ross, A O	1-Jun-50	19930082809	NACA-TN-2107
Experimental and theoretical determination of thermal stresses in a flat plate	Heldenfels, Richard R; Roberts, William M	1-Aug-52	19930081138	NACA-TN-2769
Investigations of the damping in roll of swept and tapered wings at supersonic speeds	Mcdearmon, Russell W; Heinke, Harry S , Jr	3-Mar-53	19930087488	NACA-RM-L53A13
Experimental investigation of methods of improving diffuser-exit total-pressure profiles for side-inlet model at Mach number 3.05	Piercy, Thomas G; Klann, John L	29-Aug-55	19930088879	NACA-RM-E55F24
The effect of preheating and postheating on the quality of spot welds in aluminum alloys	Hess, W F; Wyant, R A; Winsor, F J	1-Nov-47	19930082103	NACA-TN-1415
Experimental data concerning the effect of high heat-input rates on the pressure drop through radiator tubes	Habel, Louis W; Gallagher, James J	22-Sep-48	19930085448	NACA-RM-L8F18
Effect of fluid-system parameters on starting flow	Krebs, Richard P	1-Sep-57	19930084718	NACA-TN-4034
Free-flight investigation of 16-inch diameter supersonic ram-jet unit	Kinghorn, George F; Disher, John H	28-May-48	19930085392	NACA-RM-E8A26
An analysis of acceleration, airspeed, and gust-velocity data from a four-engine transport airplane in operations on an eastern United States route	Coleman, Thomas L; Fetner, Mary W	1-Sep-55	19930084291	NACA-TN-3483
Expected numbers of maxima and minima of a stationary random process with non-Gaussian frequency distribution	Diederich, Franklin W	1-Apr-57	19930084697	NACA-TN-3960
Aerodynamic heating of a wing as determined from a free-flight rocket-model test to Mach number 3.64	Swanson, Andrew G; Rumsey, Charles B	11-Sep-56	19930089374	NACA-RM-L56F11a
X-ray diffraction by bent crystal lamellae	Ekstein, Hans	1-Sep-51	19930083280	NACA-TN-2448
Fatigue strengths of aircraft materials : axial-load fatigue tests on notched sheet specimens of 24S-T3 and 75S-T6 aluminum alloys and of SAE 4130 steel with stress-concentration factors of 2.0 and 4.0	Grover, H J; Bishop, S M; Jackson, L R	1-Jun-51	19930083340	NACA-TN-2389
A method of determining the effect of airplane stability on the gust load factor	Mazelsky, Bernard; Diederich, Franklin W	1-Feb-50	19930082692	NACA-TN-2035
Wing-tunnel investigation at low transonic speeds of the effects of number of wings on the lateral-control effectiveness of an RM-5 test vehicle	Johnson, Harold S	29-Nov-49	19930086113	NACA-RM-L9H16
The longitudinal characteristics at Mach numbers up to 0.92 of several wing-fuselage-tail combinations having sweptback wings with NACA four-digit thickness distributions	Sutton, Fred B; Dickson, Jerald K	24-Mar-55	19930089395	NACA-RM-A54L08
Effect of ground interference on the aerodynamic characteristics of a 42 degrees sweptback wing	Bollech, Thomas V; Furlong, G Chester	7-Sep-48	19930085413	NACA-RM-L8F04
Effect of inlet aspect ratio on the starting and pressure recovery characteristics of a rectangular swept scoop inlet tested at a Mach number of 3.1	Mackley, Ernest A	13-Jan-58	19930090063	NACA-RM-L57J07
An investigation of aileron oscillations at transonic speeds on NACA 23012 and NACA 65-212 airfoils by the wing-flow method	Crane, Harold L	29-Dec-48	19930085546	NACA-RM-L8K29
Wind-tunnel investigation of icing of an engine cooling-fan installation	Lewis, James P	1-Apr-47	19930081947	NACA-TN-1246
Charts for the minimum-weight design of multiweb wings in bending	Schuette, Evan H; Mcculloch, James C	1-Jun-47	19930082071	NACA-TN-1323

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Extension to the cases of two dimensional and spherically symmetric flows of two particular solutions to the equations of motion governing unsteady flow in a gas	Pozzi, Lorenzo	1-Jun-52	19930093898	NACA-TM-1332
Analysis of limitations imposed on one-spool ducted-fan-engine designs by compressors and turbines at flight Mach numbers of 0, 0.6, and 0.8	Cavicchi, Richard H	18-Jul-57	19930089777	NACA-RM-E57E14
Some effects of joint conductivity on the temperatures and thermal stresses in aerodynamically heated skin-stiffener combinations	Griffith, George E; Miltonberger, Georgene H	1-Jun-56	19930084454	NACA-TN-3699
A variable-geometry annular cascade-type inlet at Mach numbers of 1.9 and 3.05	Connors, James F; Meyer, Rudolph C	24-Jul-56	19930089330	NACA-RM-E56D23a
An experimental investigation of the effect of surface heating on boundary-layer transition on a flat plate in supersonic flow	Higgins, Robert W; Pappas, Constantine C	1-Apr-51	19930083026	NACA-TN-2351
The effect of liquid and ice particles on the erosion of a supercharger-inlet cover and diffuser vanes	Rollin, Vern G	1-Jun-46	19930093271	NACA-WR-E-178, NACA-MR-E6E31
A statistical study of wing lift at ground contact for four transport airplanes	Lindquist, Dean C	1-Apr-55	19930084312	NACA-TN-3435
Friction and wear of hot-pressed bearing materials containing molybdenum disulfide	Johnson, Robert L; Swikert, Max A; Bisson, Edmond E	1-Feb-50	19930082685	NACA-TN-2027
Operation of an experimental air-cooled turbojet engine at turbine-inlet temperatures from 2200 to 2935 R	Cochran, Reeves P; Dengler, Robert P; Esgar, Jack B	20-Aug-56	19930089323	NACA-RM-E56D24a
An experimental study of the zero-angle-of attack transonic drag associated with the vertical position of a horizontal tail at zero incidence	Howell, Robert R	25-Oct-56	19930089575	NACA-RM-L56H07
Analysis of factors affecting selection and design of air-cooled single-stage turbines for turbojet engines II : analytical techniques	Rossbach, Richard J	21-Jun-54	19930088251	NACA-RM-E54D21
Preliminary investigation of a technique of producing a heated core in a supersonic wind-tunnel stream	Rousso, Morris D; Beheim, Milton A	18-Feb-55	19930088462	NACA-RM-E54K02
Isolated and cascade airfoils with prescribed velocity distribution	Goldstein, Arthur W; Jerison, Meyer	1-May-47	19930081970	NACA-TN-1308
Experimental and analytical investigation of flutter of a nonuniform sweptback cantilever wing with two concentrated weights	Sewall, John L	4-Dec-51	19930086821	NACA-RM-L51H09a
Approximate calculation of turbulent boundary-layer development in compressible flow	Tucker, Maurice	1-Apr-51	19930082973	NACA-TN-2337
Some internal-flow characteristics at zero flight speed of an annular supersonic inlet and an open-nose inlet with sharp and rounded lips	Milillo, Joseph R	6-Jul-54	19930088090	NACA-RM-L54E19
A flight and analytical study of methods for reducing automatic-interceptor tracking errors caused by target maneuvers	Mathews, Charles W; CHEATHAM DONALD C; Kyle, Howard C	28-Sep-56	19930089263	NACA-RM-L56D23
Acceleration characteristics of a turbojet engine with variable-position inlet guide vanes	Dobson, W F; Wallner, Lewis E	7-Jul-55	19930088410	NACA-RM-E54I30

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Method for estimating lift interference of wing-body combinations at supersonic speeds	Nielsen, Jack N; Kaattari, George E	31-Dec-51	19930086955	NACA-RM-A51J04
Some low-speed wind-tunnel experiments pertaining to the longitudinal stability characteristics of a 35-degree swept-wing model and an unswept-wing model	Jaquet, Byron, M	20-Oct-53	19930087918	NACA-RM-L53H31
Heat-Requirements for Ice Protection of a Cyclically Gas-Heated, 36 Degree Swept Airfoil with Partial-Span Leading-Edge Slat	Gray, Vernon H; vonGlahn, Uwe H	14-May-56	19930089163	NACA-RM-E56B23
The effects of fences on the high-speed longitudinal stability of a swept-wing airplane	Bray, Richard S	31-Aug-53	19930087758	NACA-RM-A53F23
Torsion tests of aluminum-alloy stiffened circular cylinders	Clark, J W; Moore, R L	1-Nov-52	19930083453	NACA-TN-2821
Performance of external-internal compression inlet with abrupt internal turning at Mach numbers 3.0 to 2.0	Obery, Leonard J; Stitt, Leonard E	21-Oct-57	19930089868	NACA-RM-E57H07a
Preliminary investigation of the compressive strength and creep lifetime of 2024-T3 (formerly 24S-T3) aluminum-alloy plates at elevated temperatures	Mathauser, Eldon E; Deveikis, William D	14-Jun-55	19930093819	NACA-RM-L55E11b
Two-dimensional wind tunnel investigation of a symmetrical airfoil section with a sealed internally balanced control surface and a leading tab	Nuber, Robert J; Fullmer, Felicien F , Jr	18-Jul-49	19930086031	NACA-RM-L9E27
Experimental results on wing loads due to blasts	Pierce, Harold B; Mcfarland, Donald R	28-May-57	19930089820	NACA-RM-L57D22a
Theoretical performance of liquid hydrogen and liquid fluorine as a rocket propellant	Gordon, Sanford; Huff, Vearl N	6-Feb-53	19930087414	NACA-RM-E52L11
Influence of the body flow field on the zero-lift wave drag of wing-body combinations modified in accordance with the transonic area rule	Page, William A	7-Feb-56	19930088967	NACA-RM-A55K10
Analytical and experimental investigation of bolted joints	Rosenfeld, Samuel J	1-Oct-47	19930082094	NACA-TN-1458
Temperature and thermal-stress distributions in some structural elements heated at a constant rate	Brooks, William A , Jr	1-Aug-58	19930085057	NACA-TN-4306
Ability of pilots to control simulated short-period yawing oscillations	Phillips, William H; Cheatham, Donald C	13-Nov-50	19930086224	NACA-RM-L50D06
The adhesion of molten boron oxide to various materials	Witzke, W R	1-Apr-58	19930090010	NACA-RM-E57L11
Lateral-control investigation at transonic speeds of retractable spoiler and plug-type spoiler-slot ailerons on a tapered 60 degree sweptback wing of aspect ratio 2 : transonic-bump method	Hammond, Alexander D; Watson, James M	8-Aug-52	19930087132	NACA-RM-L52F16
Analysis of some parameters used in correlating blowing-type boundary-layer control data	Kelly, Mark W	26-Sep-56	19930089424	NACA-RM-A56F12
Investigation of effects of distributed surface roughness on a turbulent boundary layer over a body of revolution at a mach number of 2.01	Sevier, John R , Jr; Czarnecki, K R	1-Feb-58	19930085103	NACA-TN-4183
Turbulent shearing stress in the boundary layer of yawed flat plates	Ashkenas, Harry	1-Apr-58	19930084983	NACA-TN-4140
Effect of a deflectable wing-tip control on the low-speed lateral and longitudinal characteristics of a large-scale wing with the leading edge swept back 47.5 degrees	Lange, Roy H; Fink, Marvin P	26-Apr-51	19930086616	NACA-RM-L51C07

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On fully developed channel flows: some solutions and limitations, and effects of compressibility, variable properties, and body forces	Maslen, Stephen H	1-Sep-58	19930085113	NACA-TN-4319
Measurement and analysis of wing and tail buffeting loads on a fighter-type airplane	Huston, Wilber B; Skopinski, T, H	1-May-54	19930083781	NACA-TN-3080
Aerodynamic loads on a leading-edge flap and a leading-edge slat on the NACA 64A010 airfoil section	Kelly, John A; Mccullough, George B	1-Jun-54	19930084115	NACA-TN-3220
Additional measurements of the drag of surface irregularities in turbulent boundary layers	Tillmann, W	1-Jan-51	19930093931	NACA-TM-1299
Results of flight tests to determine drag of parabolic and cone-cylinder bodies of very large fineness ratios at supersonic speeds	Welsh, Clement J; Demoraes, Carlos A	30-Aug-51	19930086651	NACA-RM-L51E18
An empirical method for estimating trailing-edge loads at transonic speeds	Skopinski, T H	6-Oct-49	19930086084	NACA-RM-L9H08
Transonic wind-tunnel investigation of aerodynamic-loading characteristics of a 2-percent-thick trapezoidal wing in combination with basic and indented bodies	Kelly, Thomas C	23-Jan-57	19930089486	NACA-RM-L56J12a
Simulated flight investigation of scaled-speed elastic swept-wing bomber and fighter models coupled wing tip to wing tip	Thompson, Robert F	14-Feb-56	19930089023	NACA-RM-L55J24
Turbojet thrust augmentation by evaporation of water prior to mechanical compression as determined by use of psychrometric chart	Wilcox, E Clinton	1-Jun-50	19930082908	NACA-TN-2105
Compatibility of pentaborane with materials used for seals, gaskets, and construction	Kaye, Samuel; Sordyl, Frank V	19-Jul-54	19930088078	NACA-RM-E54E12
Surface-pressure distributions on a systematic group of NACA 1-series cowlings with and without spinners	Boswinkle, Robert W JR; Keith, Arvid L JR	30-Nov-48	19930093715	NACA-RM-L8I24
Altitude-chamber evaluation of an aircraft liquid-hydrogen fuel system used with a turbojet engine	Braithwaite, Willis M; Fenn, David B; Algranti, Joseph S	19-Aug-57	19930089719	NACA-RM-E57F13a
Low-speed drag of cylinders of various shapes	Delany, Noel K; Sorensen, Norman E	1-Nov-53	19930083675	NACA-TN-3038
Some effects of heat transfer at Mach number 2.0 at stagnation temperatures between 2,310 and 3,500 R on a magnesium fin with several leading-edge modifications	Bland, William M , Jr; Bressette, Walter E	18-Apr-57	19930089657	NACA-RM-L57C14
Investigation of effectiveness of a wing equipped with a 50-percent-chord sliding flap, a 30-percent-chord slotted flap, and a 30-percent-chord slat in deflecting propeller slipstreams downward for vertical take-off	Kuhn, Richard E	1-Jan-57	19930084858	NACA-TN-3919
Data from flow-field surveys behind a large-scale thin straight wing of aspect ratio 3	Evans, William T	23-Jun-58	19930090176	NACA-RM-A58D17
The aerodynamic design of supersonic propellers from structural considerations	Hammack, Jerome B	1-Dec-52	19930083571	NACA-TN-2851
Performance of conical jet nozzles in terms of flow and velocity coefficients	Grey, Ralph E; Wilsted, H Dean	1-Nov-48	19930082415	NACA-TN-1757
Some effects of guide-vane turning and stators on the rotating stall characteristics of a high hub-tip ratio single-stage compressor	Costilow, Eleanor L; Huppert, Merle C	1-Apr-56	19930084481	NACA-TN-3711

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Experimental investigation of some aerodynamic effects of a gap between wing and body of a moderately slender wing-body combination at a Mach number of 1.4	Dugan, Duane W	27-May-55	19930088635	NACA-RM-A55D08
Effect of catalysts and pH strength of resin-bonded plywood	Kline, G M; Reinhart, F W; Rinker, R C; De Lollis, N J	1-Apr-47	19930081861	NACA-TN-1161
Experiments in external noise reduction of a small pusher-type amphibian airplane	Roberts, John P; Beranek, Leo L	1-Jul-52	19930083367	NACA-TN-2727
Investigation of mechanical fastenings for solid turbine blades made from ductile materials	Meyer, Andre J , Jr; Kaufman, Albert; Caywood, W C	2-Aug-54	19930089279	NACA-RM-E54E21
Calculated spanwise lift distributions and aerodynamic influence coefficients for unswept wings in subsonic flow	Diederich, Franklin W; Zlotnick, Martin	1-Sep-53	19930083737	NACA-TN-3014
Observation of laminar flow on an air-launched 15 degree cone-cylinder at local Reynolds numbers to 50×10^6 at peak Mach number of 6.75	Rabb, Leonard; Krasnican, Milan J	4-Mar-57	19930089694	NACA-RM-E56L03
Experimental investigation of a five-stage axial-flow research compressor with transonic rotors in all stages I : compressor design	Sandercock, Donald M; Kovach, Karl; Lieblein, Seymour	8-Sep-54	19930088320	NACA-RM-E54F24
Volterra's solution of the wave equation as applied to three-dimensional supersonic airfoil problems	Heaslet, Max A; Lomax, Harvard; Jones, Arthur L	1-Sep-47	19930082063	NACA-TN-1412
Analytical evaluation of effect of equivalence ratio inlet-air temperature and combustion pressure on performance of several possible ram-jet fuels	Tower, Leonard K; Gammon, Benson E	1-Jan-53	19930087656	NACA-RM-E53G14
Transonic wind-tunnel investigation of the effects of sweepback and thickness ratio on the wing loads of a wing-body combination of aspect ratio 4 and taper ratio 0.6	Platt, Robert J , Jr; Brooks, Joseph D	4-Apr-55	19930088565	NACA-RM-L54L31b
Positioning investigation of single slotted flaps on a 47.7 degrees sweptback wing at Reynolds numbers of 4.0×10^6 and 6.0×10^6	Spooner, Stanley H; Mollenberg, Ernst F	9-Oct-50	19930090395	NACA-RM-L50H29
Radioautographic method for examining distribution of particles in a cyclotron beam	Pool, M L; Fultz, S	1-Mar-52	19930083231	NACA-TN-2650
Systematic two-dimensional cascade tests of NACA 65-series compressor blades at low speeds	Herrig, L Joseph; Emery, James C; Erwin, John R	1-Feb-57	19930084843	NACA-TN-3916
Thermal relations for two-phase expansion with phase equilibrium and example for combustion products of boron-containing fuel	Tower, Leonard K	20-May-57	19930089642	NACA-RM-E57C11
Physical Properties at Elevated Temperature of Seven Hot-Pressed Ceramics	Gangler, James J; Robards, Chester F; Mcnutt, James E	1-Jul-49	19930082589	NACA-TN-1911
Evaluation of three injectors in a 2400-pound-thrust rocket engine using liquid oxygen and liquid ammonia	Hendricks, Robert C; Ehlers, Robert C; Humphrey, Jack C	28-Jul-58	19930090022	NACA-RM-E58B25
An investigation of a lifting 10-percent-thick symmetrical double-wedge airfoil at mach number up to 1	Humphreys, Milton D	1-Nov-54	19930084050	NACA-TN-3306

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Flight measurements of the vibrations encountered by a tandem helicopter and a method for measuring the coupled response in flight	Yeates, John E , Jr	1-Dec-56	19930084613	NACA-TN-3852
Stresses in and general instability of monocoque cylinders with cutouts V : calculation of the stresses in cylinders with side cutout	Hoff, N J; Klein, Bertram	1-Jan-48	19930082344	NACA-TN-1435
Flight measurements with the Douglas D-558-II (BuAero No. 37974) research airplane : determination of the aerodynamic center and zero-lift pitching-moment coefficient of the wing-fuselage combination by means of tail-load measurements in the Mach num	Mayer, John P; Valentine, George M; Mayer, Geraldine C	11-Jul-50	19930086246	NACA-RM-L50D10
The effect of vertical chine strips on the planing characteristics of V- shaped prismatic surfaces having angles of dead rise of 20 degrees and 40 degrees	Kapryan, Walter J; Boyd, George M , Jr	1-Nov-53	19930083704	NACA-TN-3052
Analytical Investigation of Propeller Efficiency at High Subsonic Flight Speeds near Mach Number Unity	Gilman, Jean , Jr; Crigler, John L; Mclean, F Edward	13-Feb-50	19930086100	NACA-RM-L9L05a
An experimental and theoretical investigation at high subsonic speeds of the effects of horizontal-tail height on the aerodynamic characteristics of an unswept, untapered tail assembly	Wiley, Harleth G; Riley, Donald R	2-Dec-53	19930090208	NACA-RM-L53J19
Altitude-wind-tunnel investigation of J47 turbojet-engine performance	Conrad, E William; Sobolewski, Adam E	15-Nov-49	19930093773	NACA-RM-E9G09
A comparison with flight data of vertical-tail loads in various maneuvers estimated from sideslip angles and rudder deflections	Turner, Howard L	11-Dec-47	19930085712	NACA-RM-A7F25
Approximate relations for hinge-moment parameters of control surfaces on swept wings at low Mach numbers	Toll, Thomas A; Schneiter, Leslie E	1-Oct-48	19930082400	NACA-TN-1711
Chain breaking and branching in the active-particle diffusion concept of quenching	Belles, Frank E; Berlad, A L	1-Feb-55	19930084146	NACA-TN-3409
A graphical method for interpolation of specific flying boats from collapsed results of general tests of flying-boat-hull models	Locke, F W S	1-Jan-48	19930082196	NACA-TN-1259
Investigation of a 0.6 hub-tip radius-ratio transonic turbine designed for secondary-flow study IV : rotor loss patterns as determined by hot-wire anemometers with rotor operating in a circumferentially uniform inlet flow field	Kofskey, Milton G; Allen, Hubert W	20-May-58	19930090032	NACA-RM-E58B27
Experimental investigation of direct control of diffuser pressure on 16-inch ram-jet engine	Dunbar, William R; Vasu, George; Hurrell, Herbert G	20-Jun-55	19930088661	NACA-RM-E55D15
Some pressure-distribution measurements on a swept-wing at transonic speeds by the NACA wing-flow method	Johnston, J Ford; Danforth, Edward C B	6-Jun-47	19930085645	NACA-RM-L7D22
Experimental investigation of the effects of sweepback on the flutter of a uniform cantilever wing with a variably located concentrated mass	Nelson, Herbert C; Tomassoni, John E	31-Aug-49	19930085913	NACA-RM-L9F24
A theory and method for applying interferometry to the measurement of certain two-dimensional gaseous density fields	Howes, Walton L; Buchele, Donald R	1-Apr-52	19930083992	NACA-TN-2693

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A comparison of flight-measured carrier-approach speeds with values predicted by several different criteria for 41 fighter-type airplane configurations	White, Maurice D; Schlaff, Bernard A; Drinkwater, Fred J , III	8-May-58	19930090128	NACA-RM-A57L11
Investigation of power extraction characteristics and braking requirements of a windmilling turbojet engine	Walker, Curtis L; Fenn, David B	15-Jul-52	19930086999	NACA-RM-E52D30
A correlation of results of a flight investigation with results of an analytical study of effects of wing flexibility on wing strains due to gusts	Shufflebarger, C C; Payne, Chester B; Cahen, George L	1-Aug-57	19930085049	NACA-TN-4071
Wind-tunnel investigation of control-surface characteristics of plain and balanced flaps on an NACA 0009 elliptical semispan wing	Silvers, H Norman	1-Feb-46	19930092784	NACA-WR-L-41, NACA-ARR-L5L18
The effects of compressibility on the upwash at the propeller planes of a four-engine tractor airplane configuration having a wing with 40 degrees of sweepback and an aspect ratio of 10	Lopez, Armendo E; Dickson, Jerald K	1-Jul-56	19930084975	NACA-TN-3675
Water-impact theory for aircraft equipped with nontrimming hydro-skis mounted on shock struts	Schnitzer, Emanuel	1-Sep-58	19930085253	NACA-TN-4256
Aerodynamic characteristics of a 45 degree swept-back wing with aspect ratio of 3.5 and NACA 2S-50(05)-50(05) airfoil sections	Proterra, Anthony J	4-Aug-47	19930085655	NACA-RM-L7C11
Theoretical lift and damping in roll of thin sweptback wings of arbitrary taper and sweep at supersonic speeds subsonic leading edges and supersonic trailing edges	Malvestuto, Frank S , Jr; Margolis, Kenneth; Ribner, Herbert Spencer	1-Apr-49	19930082532	NACA-TN-1860
Three-degree-of-freedom evaluation of the longitudinal transfer functions of a supersonic canard missile configuration including changes in forward speed	Seaberg, Ernest C	15-Apr-54	19930088166	NACA-RM-L54C02
A hydrogen peroxide turbojet-engine simulator for wing-tunnel powered-model investigations	Runckel, Jack F; Swihart, John M	4-Nov-57	19930090342	NACA-RM-L57H15
Experimental study of the effects of scale on the absolute values of zero-lift drag of aircraft configurations at transonic speeds	Howell, Robert R; Braslow, Albert L	8-Feb-57	19930090532	NACA-RM-L56J29
A theoretical investigation of the effect of auxiliary damping on the longitudinal response of a transonic bomber configuration in flight through continuous turbulence	Bridgland, T F , Jr	1-Mar-55	19930088386	NACA-RM-L54K15a
Transonic wind-tunnel investigation of effects of windshield shape and canopy location on the aerodynamic characteristics of canopy-body combinations	Cornette, Elden S; Robinson, Harold L	20-Sep-55	19930088840	NACA-RM-L55G08
Some notes on the violent lateral-longitudinal coupling motions of the Douglas X-3 airplane in aileron rolls	Stone, Ralph W , Jr	17-May-56	19930089124	NACA-RM-L56C15
Theoretical performance of mixtures of liquid ammonia and hydrazine as fuel with liquid fluorine as oxidant for rocket engines	Gordon, Sanford; Huff, Vearl N	1-Jan-53	19930087728	NACA-RM-E53F08
Appreciation and determination of the hydrodynamic qualities of seaplanes	Parkinson, John B	1-May-47	19930081908	NACA-TN-1290
Effects of ground proximity on the thrust of a simple downward-directed jet beneath a flat surface	Spreemann, Kenneth P; Sherman, Irving R	1-Sep-58	19930085261	NACA-TN-4407

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Effects of internal boundary-layer control on the performance of supersonic aft inlets	Obery, Leonard J; Schueller, Carl F	2-Mar-56	19930089032	NACA-RM-E55L17
Comparison of NACA 65-series compressor-blade pressure distributions and performance in a rotor and in cascade	Westphal, Willard R; Godwin, William R	16-Nov-51	19930086833	NACA-RM-L51H20
Approximate method for calculation of laminar boundary layer with heat transfer on a cone at large angle of attack in supersonic flow	Brunk, William E	1-Sep-58	19930085310	NACA-TN-4380
Aerodynamic load distribution over a 45 degree swept wing having a spoiler-slot-deflector aileron and other spoiler ailerons for Mach numbers from 0.60 to 1.03	West, F E , Jr; Whitcomb, Charles F; Schmeer, James W	5-Dec-57	19930090075	NACA-RM-L57J11
Experimental investigation of axial-flow compressor stator blades designed to obtain high turning angles by means of boundary-layer suction	Costello, G R; Cummings, R L; Serovy, G K	27-Jun-52	19930087154	NACA-RM-E52D18
Transonic and supersonic characteristics of a horn-balanced control with unbalancing tab on a 55 degree sweptback wing	Guy, Lawrence D	15-Jan-57	19930089530	NACA-RM-L56J18
Theoretical analyses to determine unbalanced trailing-edge controls having minimum hinge moments due to deflection at supersonic speeds	Goin, Kenneth L	1-Aug-55	19930084239	NACA-TN-3471
Determination of the rate of roll of pilotless aircraft research models by means of polarized radio waves	Harris, Orville R	1-Feb-50	19930082680	NACA-TN-2023
Some experimental effects of afterbody shape on the zero-lift drag of bodies for Mach numbers between 0.8 and 1.3	Stoney, William E , Jr	1-Oct-53	19930087913	NACA-RM-L53I01
Bending of thin plates with compound curvature	Lew, H G	1-Oct-52	19930083448	NACA-TN-2782
Supersonic free-flight measurement of heat transfer and transition on a 10 degree cone having a low temperature ratio	Merlet, Charles F; Rumsey, Charles B	31-Jan-57	19930089689	NACA-RM-L56L10
Investigation of noise field and velocity profiles of an afterburning engine	North, Warren J; Callaghan, Edmund E; Lanzo, Chester D	24-Sep-54	19930088381	NACA-RM-E54G07
Determination of surge and stall limits of an axial-flow turbojet engine for control applications	Schmidt, Ross D; Vasu, George; McGraw, Edward W	1-Sep-57	19930084393	NACA-TN-3585
Qualitative measurements of the effective heats of ablation of several materials in supersonic air jets at stagnation temperatures up to 11,000 F	Rashis, Bernard; Witte, William G; Hopko, Russell N	7-Jul-58	19930090162	NACA-RM-L58E22
Measurements of the pressure distribution on the horizontal-tail surface of a typical propeller-driven pursuit airplane in flight I : effects of compressibility in steady straight and accelerated flight	Sadoff, Melvin; Turner, William N; Clousing, Lawrence A	1-Jul-47	19930081801	NACA-TN-1144
Investigation of the influence of the boundaries of a high-speed free water jet on the planing lift of a flat plate	McGhee, John R	20-Mar-57	19930089582	NACA-RM-L56K02
Performance of an impulse-type supersonic-compressor rotor having a mean turning of 114 degrees	Goldberg, Theodore J; Erwin, John R	7-Jan-57	19930089456	NACA-RM-L56J01
A limited analysis of buffeting experienced in flight by a North American F-86A-1 airplane with and without large external fuel tanks	Thompson, Jim Rogers; O'Bryan, Thomas C; Kurbjun, Max C	2-Sep-55	19930088451	NACA-RM-L54J22

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Wake measurements behind a wing section of a fighter airplane in fast dives	Beeler, De E; Gerard, George	1-Mar-47	19930082148	NACA-TN-1190
Analysis of performance of a jet engine from characteristics of components II : interaction of components as determined from engine operation	Goldstein, Arthur W; Alpert, Sumner; Beede, William	1-Sep-48	19930082388	NACA-TN-1701
Aerodynamic characteristics at Mach numbers from 0.7 to 1.75 of a four-engine swept-wing airplane configuration as obtained from a rocket-propelled model test	Chapman, Rowe, Jr	2-Sep-55	19930089136	NACA-RM-L55F23
Wind-tunnel investigation of a number of total-pressure tubes at high angles of attack subsonic, transonic, and supersonic speeds	Gracey, William	1-May-56	19930084398	NACA-TN-3641
Flight tests of the hydrodynamic characteristics of a Japanese "Emily" flying boat	Ferguson, J A; Seibels, R E , Jr; Corber, R J	1-Sep-49	19930083200	NACA-TN-1968
Altitude investigation of 16 flame-holder and fuel-system configurations in tail-pipe burner	Grey, Ralph E; Krull, H G; SARGENT A F	12-Dec-51	19930086689	NACA-RM-E51E03
Altitude wind tunnel investigation of the prototype J40-WE-8 turbojet engine without afterburner	Mcaulay, John E; Kaufman, Harold R	6-Aug-53	19930087366	NACA-RM-E52K10
Transonic drag characteristics of a wing body combination using a thin tapered wing of 45 degrees sweepback	Kurbjun, Max C; Faber, Stanley	28-Sep-50	19930086354	NACA-RM-L50H22
Langley 9-inch supersonic tunnel tests of several modifications of a supersonic missile having tandem cruciform lifting surfaces : three-component data results of models having ratios of wing span to tail span equal to 1	Rainey, Robert W	7-Mar-51	19930086363	NACA-RM-L9L30
Experimental investigation of effects of moderate sideslip on the flow fields near a 45 degree swept-wing-fuselage combination at low speed	Alford, William J , Jr; King, Thomas J , Jr	12-Jul-57	19930093729	NACA-RM-L57E10
The theories of turbulence	Bass, J; Agostini, L	1-Oct-55	19930093853	NACA-TM-1377
An investigation at transonic speeds of the aerodynamic characteristics of an air inlet installed in the root of a 45 degree sweptback wing	Howell, Robert R; Keith, Arvid L , Jr	1-Oct-52	19930087289	NACA-RM-L52H08a
Effect of aspect ratio on the air forces and moments of harmonically oscillating thin rectangular wings in supersonic potential flow	Watkins, Charles E	1-Apr-50	19930082900	NACA-TN-2064
A theoretical analysis of the effects of fuel motion on airplane dynamics	Schy, Albert A	1-Jan-51	19930083134	NACA-TN-2280
A method for predicting the low speed chordwise pressure distribution over sharp edge airfoil sections with plain flaps at the leading and trailing edges	Nuber, Robert J; Cahill, Jones F	2-Oct-50	19930086336	NACA-RM-L50H17a
Experimental investigation of flutter of a propeller with Clark Y section operating at zero forward velocity at positive and negative blade- angle settings	Baker, John E; Paulnock, Russell S	1-Dec-49	19930082622	NACA-TN-1966
Free-flight measurements of some effects of spoiler span and projection and wing flexibility on rolling effectiveness and drag of plain spoilers on a tapered sweptback wing at Mach numbers between 0.6 and 1.6	Schult, Eugene D; Fields, E M	3-Oct-52	19930087271	NACA-RM-L52H06a
Static lateral and directional stability and effective sidewash characteristics of a model of a 35 degree swept-wing airplane at a Mach number of 1.61	Spearman, M Leroy	28-Aug-56	19930089409	NACA-RM-L56E23

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Hydrogen-oxygen explosions in exhaust ducting	Ordin, Paul M	1-Apr-57	19930084968	NACA-TN-3935
Theoretical pressure distribution for several related nonlifting airfoils at high subsonic speeds	Spreiter, John R; Alksne, Alberta Y; Hyett, B Jeanne	1-Jan-58	19930084932	NACA-TN-4148
Summary of drag characteristics of practical-construction wing sections	Quinn, John H	1-Jan-47	19930081836	NACA-TN-1151
Force and pressure measurements at transonic speeds for several bodies having elliptical cross sections	Mcdevitt, John B; Taylor, Robert A	1-Sep-58	19930085285	NACA-TN-4362
Wind-tunnel investigation of the effect of clipping the tips of triangular wings of different thickness, camber, and aspect ratio - transonic bump method	Emerson, Horace F	1-Jun-56	19930084950	NACA-TN-3671
Turbulent boundary layer on a yawed cone in a supersonic stream	Braun, Willis H	1-Jan-58	19930085088	NACA-TN-4208
Steady vibrations of wing of circular plan form	Kochin, N E	1-Jan-53	19930093906	NACA-TM-1324
Viscous flows in inlets	Scherrer, Richard; Lundell, John H; Anderson, Lewis A	30-Jun-58	19930090167	NACA-RM-A58D17a
Investigation of the turbulent boundary layer on a yawed flat plate	Ashkenas, Harry; Riddell, Frederick R	1-Apr-55	19930084059	NACA-TN-3383
Stress-life relation of the rolling-contact fatigue spin rig	Butler, Robert H; Carter, Thomas L	1-Mar-57	19930084939	NACA-TN-3930
Preliminary experiments on the elastic compressive buckling of plates with integral waffle-like stiffening	Dow, Norris F; Hickman, William A	28-Jul-52	19930087038	NACA-RM-L52E05
A method for the calculation of wave drag on supersonic-edged wings and biplanes	Lomax, Harvard; Sluder, Loma	1-Mar-58	19930085181	NACA-TN-4232
Note on the aerodynamic heating of an oscillating surface	Ostrach, Simon	1-Apr-54	19930083844	NACA-TN-3146
Preliminary investigation at supersonic speeds of triangular and sweptback wings	Ellis, Macon C , Jr; Hasel, Lowell E	1-Oct-49	19930082632	NACA-TN-1955
An investigation of the longitudinal characteristics of the X-3 configuration using rocket-propelled models : preliminary results at Mach numbers from 0.65 to 1.25	Mitchell, Jesse L; Peck, Robert F	1-Dec-50	19930086372	NACA-RM-L50J03
Investigation of centrifugal compressor operated as a centripetal refrigeration turbine	Rebeske, John J , Jr; Parisen, Richard B; Schum, Harold J	4-Dec-50	19930086432	NACA-RM-E50I20
Hydrodynamic characteristics of aerodynamically refined planing-tail hulls	Mckann, Robert; Coffee, Claude W	28-Mar-49	19930085938	NACA-RM-L9B04
Experimental investigation of thrust augmentation of axial-flow-type 4000-pound-thrust turbojet engine by water and alcohol injection at compressor inlet	Baron, Burnett; Dowman, Harry W; Dackis, William C	8-Jul-48	19930085789	NACA-RM-E7K14
On the theory of the propagation of detonation in gaseous systems	Zeldovich, Y B	1-Nov-50	19930093969	NACA-TM-1261
Dynamic stability and control characteristics of a vertically rising airplane model in hovering flight	Bates, William R; Lovell, Powell M , Jr; Smith, Charles C , Jr	1-Feb-51	19930086601	NACA-RM-L50J16
Analytical determination of effect of water injection on power output of turbine-propeller engine	Ross, Albert O; Huppert, Merle C	1-Mar-55	19930084100	NACA-TN-3403
Damping in roll of models with 45, 60 and 70 degree delta wings determined at high subsonic, transonic, and supersonic speeds with rocket-powered models	Sanders, E Claude, Jr	25-Jun-52	19930087208	NACA-RM-L52D22a

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Preliminary wind-tunnel investigation at high-subsonic speeds of planing-tail, blended, and airfoil-forebody swept hulls	Riebe, John M; Macleod, Richard G	12-Sep-49	19930085846	NACA-RM-L9D01
Preliminary Investigation of a Ceramic Lining for a Combustion Chamber for Gas-Turbine Use	Woodward, William H; Bobrowsky, A R	12-Apr-48	19930085694	NACA-RM-E7H20
Preliminary investigation of properties of high-temperature brazed joints processed in vacuum or in molten salt	Gyorgak, C A; Francisco, A C	1-May-55	19930084128	NACA-TN-3450
Stress-strain and elongation graphs for Alclad aluminum-alloy 24S-T86 sheet	Miller, James A	1-May-50	19930082801	NACA-TN-2094
Statistical measurements of landing-contact conditions of a heavy bomber	Silsby, Norman S; Harrin, Eziaslav	27-Jun-55	19930088709	NACA-RM-L55E03
Flight techniques for determining airplane drag at high Mach numbers	Beeler, De E; Bellman, Donald R; Saltzman, Edwin J	1-Aug-56	19930084521	NACA-TN-3821
Method for stress analysis of a swept propeller	Whitcomb, Richard T	27-Sep-48	19930090377	NACA-RM-L8F11
Position errors of the service airspeed installations of 10 airplanes	Gracey, William	1-Jun-49	19930082571	NACA-TN-1892
Performance of external-compression bump inlet at Mach numbers of 1.5 and 2.0	Simon, Paul C; Brown, Dennis W; Huff, Ronald G	24-Apr-57	19930089624	NACA-RM-E56L19
Flight investigation and analysis of the wing deformations of a swept-wing bomber during push-pull maneuvers	Mayo, Alton P; Ward, John F	14-Apr-55	19930088617	NACA-RM-L54K24a
Calculated lateral frequency response and lateral oscillatory characteristics for several high-speed airplanes in various flight conditions	Jaquet, Byron M	10-Dec-53	19930088302	NACA-RM-L53J01
Preliminary investigation of the pressure fluctuations in the wakes of two-dimensional wings at low angles of attack	Sorenson, Robert M; Wyss, John A; Kyle, James C	30-Oct-51	19930086795	NACA-RM-A51G10
Analog study of the effects of various types of control feel on the dynamic characteristics of a pilot-airplane combination	Mathews, Charles W	23-Aug-55	19930088740	NACA-RM-L55F01a
Exploratory investigation of laminar-boundary-layer oscillations on a rotating disk	Smith, Newell H	1-May-47	19930081843	NACA-TN-1227
Flight investigation at high speeds of the drag of three airfoils and a circular cylinder representing full-scale propeller shanks	Barlow, William H	1-Sep-46	19930081806	NACA-TN-1129
A simplified method for assessing the effect of steady rolling on angle of attack and sideslip	Schmidt, Stanley F; Bergrun, Norman R; Merrick, Robert B; Matthews, Howard F	17-Jan-57	19930089587	NACA-RM-A56K07
Design considerations for wings having minimum drag due to lift	Tucker, Warren A	1-Dec-54	19930084077	NACA-TN-3317
A simplified method for approximating the transient motion in angles of attack and sideslip during a constant rolling maneuver	Sternfield, Leonard	28-Aug-56	19930089386	NACA-RM-L56F04
Low-temperature chemical starting of a 200-pound-thrust JP-4-nitric acid rocket engine using a three-fluid propellant valve	Hennings, Glen; Morrell, Gerald	9-May-55	19930088717	NACA-RM-E55E04
An Analysis of the Autorotative Performance of a Helicopter Powered by Rotor-Tip Jet Units	Gessow, Alfred	1-Jul-50	19930082771	NACA-TN-2154
Simplified method for determination of critical height of distributed roughness particles for boundary-layer transition at Mach numbers from 0 to 5	Braslow, Albert L; Knox, Eugene C	1-Sep-58	19930085292	NACA-TN-4363

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Determination of induced velocity in front of an inclined propeller by a magnetic-analogy method	Lahatte, James A , Jr	1-Feb-46	19930093702	NACA-WR-L-154, NACA-ARR-L6A05b
A low-speed investigation of an annular transonic air inlet	Nichols, Mark R; Rinkoski, Donald W	14-Apr-47	19930085718	NACA-RM-L6J04
Pressure distributions over a retracted leading-edge slat on a 40 degree sweptback wing at Mach numbers up to 0.9	Cahill, James F; Oderndorfer, Gale C	26-Jan-51	19930086492	NACA-RM-L50L04a
Investigation of three highly loaded subsonic-inlet-stage axial-flow compressors employing varying radial gradients of energy addition	Standahar, Raymond M	25-Oct-54	19930088368	NACA-RM-E54G20
Preparation and handling of magnesium-hydrocarbon slurries for jet-engine applications	Barnett, Henry; Lord, A M; Wise, P H	10-Jun-55	19930090324	NACA-RM-E55D01
Effect of fiber orientation on ball failures under rolling-contact conditions	Butler, Robert H; Bear, H Robert; Carter, Thomas L	1-Feb-57	19930084957	NACA-TN-3933
Similar solutions for the compressible boundary layer on a yawed cylinder with transpiration cooling	Beckwith, Ivan E	1-Sep-58	19930085151	NACA-TN-4345
Tabulated pressure coefficients and aerodynamic characteristics measured on the wing of the Bell X-1 airplane in an unaccelerated low-speed stall, in push-overs at Mach numbers of 0.83 and 0.99, and in a pull-up at a Mach number of 1.16	Knapp, Ronald J	20-Sep-51	19930086744	NACA-RM-L51F25
Aerodynamic characteristics of a wing with quarter-chord line swept back 45 degrees, aspect ratio 6, taper ratio 0.6, and NACA 65A009 airfoil section	Spreemann, Kenneth P; Morrison, William D , Jr; Pasteur, Thomas B , Jr	6-Apr-50	19930086258	NACA-RM-L50B03a
Compressive stress-strain properties of 7075-T6 aluminum-alloy sheet at elevated temperatures	Mathauser, Eldon E	1-Nov-56	19930084625	NACA-TN-3854
Effects on control effectiveness of systematically varying the size and location of trailing-edge flaps on a 45 degrees sweptback wing at a Mach number of 1.9	Jacobsen, Carl R	4-Dec-51	19930086903	NACA-RM-L51I26
Status of flutter of flat and curved panels	Leonard, Robert W; Hedgepeth, John M	28-May-57	19930089883	NACA-RM-L57D24c
Analytical and experimental investigation of aerodynamic forces and moments on low-aspect-ratio wings undergoing flapping oscillations	Woolston, Donald S; Clevenson, Sherman A; Leadbetter, Sumner A	1-Aug-58	19930085039	NACA-TN-4302
Method and graphs for the evaluation of air-induction systems	Brajnikoff, George B	1-May-52	19930084010	NACA-TN-2697
Performance of a tubular turbojet combustor at high pressures and temperatures	Butze, Helmut; Wear, Jerrold D	5-Apr-55	19930088700	NACA-RM-E55A24
Theoretical and experimental investigations of delta-wing vibrations	Kruszewski, Edwin T; Kordes, Eldon E; Weidman, Deene J	1-Jun-57	19930084993	NACA-TN-4015
The calculation of modes and frequencies of a modified structure from those of the unmodified structure	Kruszewski, Edwin T; Houbolt, John C	1-Jul-50	19930082754	NACA-TN-2132
Effect of compressibility at high subsonic velocities on the lifting force acting on an elliptic cylinder	Kaplan, Carl	1-Jul-46	19930081750	NACA-TN-1118
Effect of favorable pressure gradients on transition for several bodies of revolution at Mach 3.12	Jack, John R	1-Jul-58	19930085095	NACA-TN-4313

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A simple numerical method for the calculation of the laminar boundary layer	Schroder, K	1-Apr-52	19930093913	NACA-TM-1317
A study of local-pressure fluctuations relative to static-pressure distributions on two-dimensional airfoils at high subsonic Mach numbers	Coe, Charles F	21-Dec-55	19930089005	NACA-RM-A55J11
High-speed wind-tunnel tests of a 1/78-scale model of the Lockheed YP-80A airplane	Olson, Robert N; Lawrence, Leslie F	28-May-48	19930086066	NACA-RM-A7L24
Design and applications of hot-wire anemometers for steady-state measurements at transonic and supersonic airspeeds	Lowell, Herman H	1-Jul-50	19930082818	NACA-TN-2117
Investigation of acceleration characteristics of a single-spool turbojet engine	Oppenheimer, Frank L; Pack, George J	26-Oct-53	19930088060	NACA-RM-E53H26
Effect of automatic stabilization on the sideslip and angle-of-attack disturbances in rolling maneuvers	Gates, Ordway B , Jr; Woodling, C H; Weil, Joseph	15-Jul-55	19930088726	NACA-RM-L55E25b
Measurements of the effects of thickness ratio and aspect ratio on the drag of rectangular plan-form airfoils at transonic speeds	Thompson, Jim Rogers; Mathews, Charles W	20-Jun-47	19930085663	NACA-RM-L7E08
Survey of portions of the cobalt-chromium-iron-nickel quaternary system	Kamen, E L; Beck, Paul A	1-Feb-52	19930083441	NACA-TN-2603
Methods for determination and computation of flow patterns of a compressible fluid	Bergman, Stefan	1-Sep-46	19930081829	NACA-TN-1018
Investigation of several clamshell variable-area exhaust nozzles for turbojet engines	Lundin, Bruce T	26-May-49	19930085931	NACA-RM-E9B02
Analysis of heat addition in a convergent-divergent nozzle	Hearth, Donald P; Perchonok, Eugene	1-Apr-53	19930083663	NACA-TN-2938
Hydrogen for turbojet and ramjet powered flight		26-Apr-57	19930089842	NACA-RM-E57D23
An investigation of the stability of a system composed of a subsonic canard airframe and a canted-axis gyroscope automatic pilot	Gardiner, Robert A; Zarovsky, Jacob; Ankenbruck, H O	1-Jan-50	19930082667	NACA-TN-2004
The subsonic lateral and longitudinal static stability characteristics up to large angles of sideslip for a triangular-wing airplane model having a ventral fin	Buell, Donald A; Tinling, Bruce E	25-Oct-56	19930089461	NACA-RM-A56H06
A flight investigation at transonic speeds of the aerodynamic characteristics of a model having a thin unswept wing of aspect ratio 3.1	White, Maurice D	4-Aug-54	19930088233	NACA-RM-A54E12
Metal-bonding adhesives for high-temperature service	Black, John M; Blomquist, R F	28-Jul-55	19930088777	NACA-RM-55F08
An iterative transformation procedure for numerical solution of flutter and similar characteristic-value problems	Gossard, Myron L	1-May-51	19930083008	NACA-TN-2346
The use of a leading-edge area-suction flap to delay separation of air flow from the leading edge of a 35 degrees sweptback wing	Holzhauser, Curt A; Martin, Robert K	10-Dec-53	19930088258	NACA-RM-A53J26
Evaluation of a silicone-diester lubricant in bench studies and in a turbopropeller engine	Johnson, Robert L; Murray, S F; Bisson, Edmund E	4-May-54	19930088184	NACA-RM-E54B05
Structural design and engine evaluation of an air-cooled turbine blade composed of corrugation and a semistrut for operation at a tip speed of 1200 feet per second	Kemp, Richard H; Meyer, Andre J , Jr; Morgan, William C	8-Oct-57	19930090312	NACA-RM-E57G25

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Aeronautical characteristics of a three-blade propeller having NACA 10-(3)(08)-03 blades	Davidson, Robert E	29-Oct-48	19930090360	NACA-RM-L8H16
Performance investigation and high-flight-speed application of a turbine with a variable area stator	Walker, Curtis L; Jansen, Emmert T	25-Oct-54	19930088456	NACA-RM-E54G26a
Altitude evaluation of several afterburner design variables on a J47-GE-17 turbojet engine	Walker, Curtis L; Braithwaite, Willis M; Sivo, Joseph N	23-Oct-53	19930087752	NACA-RM-E53F10
The static lateral and directional subsonic aerodynamic characteristics of an airplane model having a triangular wing of aspect ratio 3	Savage, Howard F; Tinling, Bruce E	14-Apr-55	19930088629	NACA-RM-A55B11
Analysis of turbulent flow and heat transfer in noncircular passages	Deissler, Robert G; Taylor, Maynard F	1-Sep-58	19930085279	NACA-TN-4384
Creep in metals	Schwoppe, A D; Shober, F R; Jackson, L R	1-Feb-52	19930083435	NACA-TN-2618
Aerodynamic characteristics at Mach number 4.04 of a rectangular wing of aspect ratio 1.33 having a 6-percent-thick circular-arc profile and a 30-percent-chord full-span trailing-edge flap	Dunning, Robert W; Ulmann, Edward F	29-May-53	19930087746	NACA-RM-L53D03
Experimental investigation of the zero-lift drag of a fin-stabilized body of fineness ratio 10 at Mach numbers between 0.6 and 10	James, Carlton S; Carros, Robert J	11-Jun-53	19930087740	NACA-RM-A53D02
The calculation of certain static aeroelastic phenomena of wings with tip tanks or boom-mounted lifting surfaces	Diederich, Franklin W; Foss, Kenneth A	27-Aug-52	19930086937	NACA-RM-L52A22
Correlation by the hypersonic similarity rule of the pressure distributions and wave drags for minimum-drag nose shapes at zero angle of attack	Jorgensen, Leland H	31-Aug-53	19930089148	NACA-RM-A53F12
Data on spoiler-type ailerons	Lowry, John G	28-Oct-53	19930087931	NACA-RM-L53I24a
Aerodynamic characteristics at transonic speeds of a wing having a 45 degree sweep, aspect ratio 8, taper ratio 0.45, and airfoil sections varying from the NACA 63A010 section at the root to the NACA 63A006 section at the tip.	Morrison, William D , Jr; Fournier, Paul G	15-Jan-52	19930086943	NACA-RM-L51H28
Static stability of fuselages having a relatively flat cross sections	Bates, William R	9-Dec-49	19930085998	NACA-RM-L9I06a
Investigation of effects of geometric dihedral on low-speed static stability and yawing characteristics of an untapered 45 degree sweptback-wing model of aspect ratio 2.61	Queijo, M J; Jaquet, Byron M	1-Sep-48	19930082294	NACA-TN-1668
Comparison of experimental with theoretical total-pressure loss in parallel-walled turbojet combustors	Dittrich, Ralph T	9-Jan-57	19930089548	NACA-RM-E56I17
Gust experience of a helicopter and an airplane in formation flight	Crim, Almer D	1-Dec-54	19930084257	NACA-TN-3354
Methods for connection to revolving thermocouples	Tarr, Philip R	18-Jan-51	19930086643	NACA-RM-E50J23a
Liquefaction of air in the Langley 11-inch hypersonic tunnel	McClellan, Charles H; Williams, Thomas W	1-Oct-54	19930084042	NACA-TN-3302
A review of recent information relating to the drag rise of airplanes	Wetmore, J W	20-Jul-48	19930085374	NACA-RM-L8A28d
A method for obtaining statistical data on airplane vertical velocity at ground contact from measurements of center-of-gravity acceleration	Dreher, Robert C	1-Feb-56	19930084273	NACA-TN-3541

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The interaction of boundary layer and compression shock and its effect upon airfoil pressure distributions	Allen, H Julian; Heaslet, Max A; Nitzberg, Gerald E	10-Apr-47	19930085590	NACA-RM-A7A02
Determination of ram-jet combustion-chamber temperatures by means of total-pressure surveys	Pinkel, I Irving	1-Dec-51	19930083322	NACA-TN-2526
Theoretical rocket performance of JP-4 fuel with mixtures of liquid ozone and fluorine	Huff, Vearl N; Gordon, Sanford	28-Jan-57	19930089610	NACA-RM-E56K14
Langley full-scale tunnel investigation of the characteristics in yaw of a trapezoidal wing of aspect ratio 4 with circular-arc airfoil sections	Stevens, George L; May, Ralph W , Jr	30-Aug-48	19930085328	NACA-RM-L8C15
An analysis of base pressure at supersonic velocities and comparison with experiment	Chapman, Dean R	1-Jul-50	19930082917	NACA-TN-2137
Results of two free-fall experiments on flutter of thin unswept wings in the transonic speed range	Lauten, William T , Jr; Nelson, Herbert C	1-Jan-57	19930084784	NACA-TN-3902
Preliminary analysis of hydrogen-rich hypersonic ramjet operation	Breitwieser, Roland; Morris, James F	14-Jan-58	19930089858	NACA-RM-E57H27
Flight investigation and analysis of the wing deformations on a swept-wing bomber during rolling maneuvers	Mayo, Alton P; Ward, John F	19-Oct-56	19930089154	NACA-RM-L56C23a
Mollier diagrams for air saturated with water vapor at low temperatures	Hensley, Reece V	1-Sep-48	19930082406	NACA-TN-1715
An experimental study of the lift and pressure distribution on a double-wedge profile at Mach numbers near shock attachment	Vincenti, Walter G; Dugan, Duane W; Phelps, E Ray	1-Jul-54	19930084152	NACA-TN-3225
Lift and drag characteristics of the Douglas D-558-II research airplane obtained in exploratory flights to a Mach number of 2.0	Nugent, Jack	4-Aug-54	19930088200	NACA-RM-L54F03
Lateral and directional dynamic-response characteristics of a 35 degree swept-wing airplane as determined from flight measurements	Triplett, William C; Brown, Stuart, C	12-Dec-52	19930087349	NACA-RM-A52I17
Summary of NACA research on afterburners for turbojet engines	Lundin, Bruce T; Gabriel, David S; Fleming, William A	23-Mar-56	19930093761	NACA-RM-E55L12
Structural evaluation of an extruded magnesium-alloy T-stiffened panel	Dow, Norris F; Hickman, William A	1-Feb-48	19930082202	NACA-TN-1518
A preliminary investigation of the use of circulation control to increase the lift of a 45 degree sweptback wing by suction through trailing-edge slots	Cook, Woodrow L; Griffin, Roy N JR; Hickey, David H	14-Dec-54	19930088469	NACA-RM-A54I21
A theoretical method of determining the control gearing and time lag necessary for a specified damping of an aircraft equipped with a constant-time-lag autopilot	Gates, Ordway B , Jr; Schy, Albert A	1-Mar-51	19930082984	NACA-TN-2307
An analysis of normal-acceleration and airspeed data from a four-engine type of transport airplane in commercial operation on an eastern united states route from november 1947 to february 1950	Coleman, Thomas L; Schumacher, Paul W J	1-Aug-53	19930084026	NACA-TN-2965
Foaming volume and foam stability	Ross, Sydney	1-Feb-47	19930081819	NACA-TN-1153
Limited heat-transfer, drag, and stability results from an investigation at Mach numbers up to 9 of a large rocket-propelled 10 degree cone	Hall, James R; Speegle, Katherine C	22-Jul-57	19930089707	NACA-RM-L57E08

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Transient temperature distribution in a two-component semi-infinite composite slab of arbitrary materials subjected to aerodynamic heating with a discontinuous change in equilibrium temperature or heat-transfer coefficient	Trimpi, Robert L; Jones, Robert A	1-Sep-58	19930085066	NACA-TN-4308
Effects of vertical location of wing and horizontal tail on the aerodynamic characteristics in pitch at Mach numbers from 0.60 to 1.40 of an airplane configuration with an unswept wing	Stivers, Louis S , Jr; Lippmann, Garth W	20-Nov-57	19930090145	NACA-RM-A57110
Longitudinal frequency-response and stability characteristics of the Douglas D-558-II airplane as determined from transient response to a Mach number of 0.96	Holleman, Euclid C	18-Sep-52	19930087016	NACA-RM-L52E02
Effects of resin coating methods and other variables on physical properties of glass-fabric reinforced polyesters	Axilrod, B M; Wier, J E; Mandel, J	23-Aug-54	19930088434	NACA-RM-54G26
Effects of humidity during fabrication on some physical properties of glass-fabric unsaturated-polyester laminates	Wier, John E; Pons, Dorothy C; Axilrod, Benjamin M	18-Jul-51	19930086572	NACA-RM-51C21
Wind-tunnel investigation of the stability and control characteristics of a complete model equipped with a vee tail	Polhamus, Edward C; Moss, Robert J	1-Nov-47	19930082131	NACA-TN-1478
Effect of variations in Reynolds number on the aerodynamic characteristics of three bomb or store shapes at a Mach number of 1.62 with and without fins	Rainey, Robert W	25-Jun-53	19930087514	NACA-RM-L53D27
In-line aircraft-engine bearing loads III : main-bearing loads	Macks, E Fred; Shaw, Milton C	1-Feb-47	19930081879	NACA-TN-1206
Summary of pilots' reports of clear-air turbulence at altitudes above 10,000 feet	Press, Harry; Thompson, James K; Schindler, Martin H	24-Mar-53	19930087451	NACA-RM-L52L30a
Investigation of the effects of twist and camber on the aerodynamic characteristics of a 50 degrees 38 minutes sweptback wing of aspect ratio 2.98 : transonic-bump method	Spreemann, Kenneth P; Alford, William J , Jr	27-Aug-51	19930086543	NACA-RM-L51C16
Further experiments on the flow and heat transfer in a heated turbulent air jet	Corrsin, Stanley; Uberoi, Mahinder S	1-Apr-49	19930082540	NACA-TN-1865
An analysis of the normal accelerations and airspeeds of a four-engine airplane type in postwar commercial transport operations on trans-Pacific and Caribbean-South American routes	Coleman, Thomas L; Schumacher, Paul W J	1-Aug-50	19930082787	NACA-TN-2176
Acceleration of high-pressure-ratio single-spool turbojet engine as determined from component performance characteristics I : effect of air bleed at compressor outlet	Rebeske, John J , Jr; Rohlik, Harold E	10-Mar-53	19930087466	NACA-RM-E53A09
Effect of local boiling and air entrainment on temperatures of liquid-cooled cylinders	Colburn, A P; Gazley, Carl, Jr; Schoenborn, E M; Sutton, C S	1-Mar-48	19930082153	NACA-TN-1498
Charge-air distribution among the cylinders of a double-row radial aircraft engine	Ferkan, John G; Guentert, Donald C	1-Jul-46	19930093126	NACA-WR-E-282, NACA-MR-E6F27
Flight investigation of a supersonic propeller on a propeller research vehicle at Mach numbers to 1.01	Hammack, Jerome B; Kurbjun, Max C; O'Bryan, Thomas C	10-Jul-57	19930090296	NACA-RM-L57E20

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Influence of crucible materials on high-temperature properties of vacuum-melted nickel-chromium-cobalt alloy	Decker, R F; Rowe, John P; Freeman, J W	1-Jun-57	19930084836	NACA-TN-4049
Investigation of boundary-layer Reynolds number for transition on an NACA 65(215)-114 airfoil in the Langley two-dimensional low-turbulence pressure tunnel	Braslow, Albert L; Visconti, Fioravante	1-Oct-48	19930082393	NACA-TN-1704
Survey of available information on internal flow losses through axial turbomachines	Wu, Chung-Hua	26-Jan-51	19930086594	NACA-RM-E50J13
Factors affecting the maximum lift-drag ratio at high supersonic speeds	Mclellan, Charles H; Dunning, Robert W	13-Feb-56	19930089141	NACA-RM-L55L20a
Preliminary studies of rolling-contact fatigue life of high-temperature bearing materials	Carter, Thomas L	1-Apr-58	19930090405	NACA-RM-E57K12
A method for calculating the heat required for the prevention of fog formations on the inside surfaces of single-panel bullet-resisting windshields during diving flight	Selma, James; Zerbe, John E	1-Jul-47	19930081925	NACA-TN-1301
Propeller lift and thrust distribution from wake surveys of stagnation conditions	Davidson, Robert E	16-Jan-52	19930087970	NACA-RM-L51K29
Gas-turbine-engine performance when heat from liquid-cooled turbines is rejected ahead of, within, or behind main compressor	Esgar, Jack B; Slone, Henry O	22-May-56	19930089923	NACA-RM-E56B09
Altitude wind tunnel investigation of the performance of compressor, combustor, and turbine components of prototype J47D (RX1-1) turbojet engine	Farley, John M	21-Dec-51	19930086850	NACA-RM-E51I13
Effect of dissociation on exhaust-nozzle performance	Reynolds, T W	11-Jun-58	19930090092	NACA-RM-E58C25
Resistance of a delta wing in a supersonic flow	Karpovich, E A; Frankl, F I	1-Apr-51	19930093957	NACA-TM-1283
An acceleration schedule control for accelerating a turbojet engine and its use with a speed control	Gerus, Theodore F; Powers, Albert G; Heppler, Herbert J	12-May-58	19930089996	NACA-RM-E58B19
Aerodynamic and hydrodynamic characteristics of a deck-inlet multijet water-based-aircraft configuration designed for supersonic flight	Bielat, Ralph P; Coffee, Claude W , Jr; Petynia, William W	5-Dec-56	19930089473	NACA-RM-L56H01
An experimental investigation of the air-flow of a scoop-type normal-shock inlet	Mossman, Emmet A; Lazzeroni, Frank A; Pfyl, Frank A	28-Apr-55	19930088644	NACA-RM-A55A13
Tension properties of aluminum alloys in the presence of stress-raisers I : effects of triaxial stress states on the fracturing characteristics of 24S-T aluminum alloy	Dana, A W; Aul, E L; Sachs, G	1-Mar-49	19930082515	NACA-TN-1830
Transonic flight tests to compare the zero-lift drags of 45 degree sweptback wings of aspect ratio 3.55 and 6.0 with and without nacelles at the wing tips	Hoffman, Sherwood; Mapp, Richard C , Jr	6-Mar-52	19930086982	NACA-RM-L51L27
Effects of sweepback and taper on the force and cavitation characteristics of aspect-ratio-4 hydrofoils	King, Douglas A; Land, Norman S	2-Dec-52	19930087436	NACA-RM-L52J10
Experimental investigation of the drag of flat plates and cylinders in the slipstream of a hovering rotor	Mckee, John W; Naeseth, Rodger L	1-Apr-58	19930085197	NACA-TN-4239
Calculation of the supersonic pressure distribution on a single-curved tapered wing in regions not influenced by the root or tip	Vincenti, Walter G; Fisher, Newman H , Jr	1-Jun-55	19930084403	NACA-TN-3499

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Wind-tunnel investigation of an NACA 66-series 16-percent-thick low-drag tapered wing with Fowler and split flaps	Foster, Gerald V	1-Jan-46	19930092800	NACA-WR-L-134, NACA-ACR-L5F28
Effect of design changes and operating conditions on combustion and operational performance of a 28-inch diameter Ram-jet engine / T. B. Shillito and Shigeo Nakanishi	Shillito, T B; Nakanishi, Shigeo	13-Feb-52	19930086772	NACA-RM-E51J24
The design of variable Mach number asymmetric supersonic nozzles by two procedures employing inclined and curved sonic lines	Syverson, Clarence A; Savin, Raymond C	1-Mar-53	19930083640	NACA-TN-2922
Theory of the jet syphon	Szczeniowski, B	1-May-55	19930084068	NACA-TN-3385
Measurement of distortion in second experimental control rod with temperature patterns simulating shim rod out and shim rod 50 percent inserted for Argonne Naval Reactor / A. F. Lietzke and T. F. Nagey	Lietzke, A F; Nagey, T F	26-Sep-51	19930086735	NACA-RM-E51E25
Effect of throat bleed on the supersonic performance of a half-conical side-inlet system	Stitt, Leonard E; Mckevitt, Frank X; Smith, Albert B	10-Jan-56	19930088953	NACA-RM-E55J07
Airfoil in sinusoidal motion in a pulsating stream	Greenberg, J Mayo	1-Jun-47	19930082116	NACA-TN-1326
Supersonic wave drag of sweptback tapered wings at zero lift	Margolis, Kenneth	1-Oct-47	19930082080	NACA-TN-1448
The preparation, physical properties, and heats of combustion of four alkylsilanes	Tannenbaum, Stanley; Murphy, Maurice F	8-Mar-51	19930086557	NACA-RM-E51A05
Liquid-fuel-distribution and fuel-state effects on combustion performance of a single tubular combustor	Mccafferty, Richard J	1-May-51	19930090412	NACA-RM-E51B21
On the theory of thin and thin-walled rods	Dzhanelidze, G Y	1-Oct-51	19930093921	NACA-TM-1309
Stresses in a two-bay noncircular cylinder under traverse loads	Griffith, George E	1-Oct-51	19930083248	NACA-TN-2512
On the sound field of a point-shaped sound source in uniform translatory motion	Honl, H	1-Apr-54	19930093868	NACA-TM-1362
The effect of wing fences on the longitudinal characteristics at Mach numbers up to 0.92 of a wing-fuselage-tail combination having a 40 degree sweptback wing with NACA 64A thickness distribution	Dickson, Gerald K; Sutton, Fred B	27-May-55	19930088989	NACA-RM-A55C30a
Reflection of shock waves from slotted walls at Mach number 1.62	Wood, George P	21-Jul-52	19930087223	NACA-RM-L52E27
Notes on the Lagrangian multiplier method in elastic-stability analysis	Budiansky, Bernard; Hu, Pai C; Connor, Robert W	1-May-48	19930082362	NACA-TN-1558
Comparison of experimental and theoretical normal-force distributions (including Reynolds number effects) on an ogive-cylinder body at Mach number 1.98	Perkins, Edward W; Jorgensen, Leland H	1-May-56	19930084497	NACA-TN-3716
Correlation of effects of fuel-air ratio, compression ratio, and inlet-air temperature on knock limits of aviation fuels	Tower, Leonard K; Alquist, Henry E	1-Apr-50	19930082738	NACA-TN-2066
Experimental investigation of effect of jet exit configuration on thrust and drag	Callaghan, Edmund E; Coles, Willard D	20-Dec-51	19930086758	NACA-RM-E51J22
Summary of lateral-control research	Toll, Thomas A	1-Mar-47	19930081932	NACA-TN-1245

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Investigation of a 10-stage subsonic axial-flow research compressor VI : performance evaluation and flow distributions in the first, fifth, and tenth stages	Budinger, Ray E	6-Aug-54	19930088336	NACA-RM-E54F28
Boundary-layer stability diagrams for electrically conducting fluids in the presence of a magnetic field	Rossow, Vernon J	1-Aug-58	19930085079	NACA-TN-4282
Laminar boundary layer behind shock advancing into stationary fluid	Mirels, Harold	1-Mar-55	19930084091	NACA-TN-3401
Construction and use of charts in design studies of gas turbines	Alpert, Sumner; Litrenta, Rose M	1-Jul-51	19930083214	NACA-TN-2402
Theoretical loss relations for low-speed two-dimensional-cascade flow	Lieblein, Seymour; Roudebush, William H	1-Mar-56	19930084888	NACA-TN-3662
An evaluation of electropolished and nonelectropolished blades of alloysrefractaloy 26, M-252, and Waspaloy in a J33-9 turbojet engine	Clauss, F J; Signorelli, R A; Johnston, J R	10-Jun-55	19930088548	NACA-RM-E54L29a
Flight characteristics at low speed of delta-wing models	Mckinney, Marion O , Jr; Drake, Hubert M	13-Jan-48	19930085777	NACA-RM-L7K07
Comparison of calculated and measured thermal distortions in a reactor control rod for temperature patterns simulating two reactor operating conditions	Nagey, Tibor F	1-Apr-53	19930089099	NACA-RM-E53B26
An analysis of ram-jet-engine time delay following a fuel-flow disturbance	Wilcox, Fred A; Anderson, Arthur R	30-Jun-55	19930088675	NACA-RM-E55D22
Preliminary investigation of land-water operation with a 1/10-scale model of a jet airplane equipped with hydro-skis	Thompson, William C	18-Mar-58	19930090038	NACA-RM-L58A22
A metallurgical investigation of a contour-forged disc of EME alloy	Reynolds, E E; Freeman, J W; White, A E	1-Nov-48	19930082214	NACA-TN-1534
Experimental determination of boundary-layer transition on a body of revolution at M = 3.5	Jedlicka, James R; Wilkins, Max E; Seiff, Alvin	1-Oct-54	19930084164	NACA-TN-3342
Preliminary investigation of the 'freeze-casting' method for forming refractory powders	Maxwell, W A; Gurnick, R S; Francisco, A C	9-Mar-54	19930088011	NACA-RM-E53L21
Coefficient of friction and damage to contact area during the early stages of fretting I : Glass, copper, or steel against copper	Godfrey, Douglas; Bailey, John M	1-Sep-53	19930083720	NACA-TN-3011
Icing zones in a warm front system with general precipitation	Lewis, William	1-Jul-47	19930082036	NACA-TN-1392
Effect of a hot-jet exhaust on pressure distributions and external drag of several afterbodies on a single-engine airplane model at transonic speeds	Norton, Harry T , Jr; Swihart, John M	4-Mar-58	19930090048	NACA-RM-L57J04
Performance of an annular turbojet combustor having reduced pressure losses and using propane fuel	Norgren, Carl T; Childs, J Howard	24-Sep-53	19930087777	NACA-RM-E53G24
An experimental investigation of the zero-lift-drag characteristics of symmetrical blunt-trailing-edge airfoils at Mach numbers from 2.7 to 5.0	Syvertson, Clarence A; Gloria, Hermilo R	29-Apr-53	19930087797	NACA-RM-A53B02
Effect of water on carbon monoxide-oxygen flame velocity	Mcdonald, Glen E	5-Feb-54	19930088134	NACA-RM-E53L08
Spinning and related problems at high angles of attack for high-speed airplanes	Klinar, Walter J	19-Mar-56	19930089182	NACA-RM-L55L23a
Some effects of aeroelasticity at Mach numbers from 0.7 to 1.6 on the rolling effectiveness of thin flat-plate delta wings having 45 degree swept leading edges and full-span constant-chord ailerons	Marley, Edward T; English, Roland D	19-Feb-52	19930087937	NACA-RM-L51L05
Experimental investigation of the local and average skin friction in the laminar boundary layer on a flat plate at a Mach number of 2.4	Maydew, Randall C; Pappas, Constantine C	1-Jul-52	19930083472	NACA-TN-2740

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A summary of the drag and longitudinal trim at low lift of the North American YF-100A airplane at Mach numbers from 0.75 to 1.77 as determined by flight tests of 0.11-scale rocket models	Blanchard, Willard S , Jr	29-Jan-54	19930088154	NACA-RM-SL54B01
Pressure distribution and some effects of viscosity on slender inclined bodies of revolution	Allen, Julian H	1-Mar-50	19930083205	NACA-TN-2044
Effects of sweep on the maximum-lift characteristics of four aspect-ratio-4 wings at transonic speeds	Turner, Thomas R	1-Jul-55	19930084228	NACA-TN-3468
Two experiments on applications of the transonic area rule to asymmetric configurations	Hall, James Rudyard	20-Apr-56	19930089202	NACA-RM-L56A25
Preliminary investigation of several root designs for cermet turbine blades in turbojet engine II : root design alterations	Meyer, A J , Jr; Deutsch, G C; Morgan, W C	13-Oct-53	19930087837	NACA-RM-E53G02
A study of the stability of the incompressible laminar boundary layer on infinite wedges	Tetervin, Neal	1-Aug-53	19930083650	NACA-TN-2976
Aerodynamic study of a wing-fuselage combination employing a wing swept back 63 degrees : effectiveness of an inboard elevon as a longitudinal- and lateral-control device at subsonic and supersonic speeds	Pfyl, Frank A	4-Dec-51	19930086895	NACA-RM-A51118
Performance investigation of can-type combustor from British turbojet engine and comparison of this combustor with can-type combustor from U.S. turbojet engine	Cook, William P; Koch, Richard G	28-Feb-50	19930085984	NACA-RM-E9H29
Performance of two air-cooled turbojet engines determined analytically from engine component performance for a range of cooling-air weight flows	Ziemer, Robert R; Schafer, Louis J JR; Heaton, Thomas R	17-Feb-54	19930087957	NACA-RM-E53K19
Lateral motions encountered with the Douglas D-558-II all-rocket research airplane during exploratory flights to a Mach number of 2.0	Ankenbruck, Herman O; Wolowicz, Chester H	17-Dec-54	19930088491	NACA-RM-H54I27
An analysis of normal accelerations and airspeeds of one type of twin-engine transport airplane in commercial operations over a northern transcontinental route	Steiner, Roy	1-Nov-52	19930083516	NACA-TN-2833
Compressive buckling of flat rectangular plates supported by rigid posts	Budiansky, Bernard	9-Nov-48	19930085480	NACA-RM-L8I30b
Impact strength and flexural properties of laminated plastics at high and low temperatures	Lamb, J J; Albrecht, Isabelle; Axilrod, B M	1-Aug-46	19930081677	NACA-TN-1054
Altitude-test-chamber investigation of performance of a 28-inch ram-jet engine I : combustion and operational performance of four combustion-chamber configurations	Shillito, T B; Jones, W L; Henzel, J G , Jr	23-Aug-50	19930086213	NACA-RM-E50F16
Review of emulsified antifoams for aircraft lubricating oils	Woods, W W; Robinson, J V	1-Mar-49	19930082508	NACA-TN-1847
Compressor-blade vibration and performance in a J47-23 turbojet engine under conditions of rotating stall	Hanson, Morgan P; Johnson, Donald F; Meyer, Andre J , Jr	3-Jun-55	19930088541	NACA-RM-E54L20a

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Motion of a transonic airplane nose section when jettisoned as determined from wind-tunnel investigations on a 1/25-scale model	Scher, Stanley H; Gale, Lawrence J	26-May-50	19930086161	NACA-RM-L9L08a
Determination by the free-fall method of the drag and longitudinal stability and control characteristics of a canard model at transonic speeds	Kraft, Christopher C , Jr; Mathews, Charles W	25-Aug-50	19930086168	NACA-RM-L50D04
Angle-of-attack-supersonic performance of a configuration consisting of a ramp-type scoop inlet located either on top or bottom of a body of revolution	Kremzier, Emil J; Campbell, Robert C	13-May-54	19930088174	NACA-RM-E54C09
Effects of wing sweep on the upwash at the propeller planes of multiengine airplanes	Rogallo, Vernon L	1-Sep-52	19930083492	NACA-TN-2795
Inelastic column behavior	Duberg, John E; Wilder, Thomas W , III	1-Jan-51	19930083067	NACA-TN-2267
High-speed wind-tunnel investigation of an NACA 65-210 semispan wing equipped with plug and retractable ailerons and a full-span slotted flap	Fischel, Jack; Schneiter, Leslie E	1-Jul-48	19930082280	NACA-TN-1663
An 8-foot axisymmetrical fixed nozzle for subsonic Mach numbers up to 0.99 and for a supersonic Mach number of 1.2	Ritchie, Virgil S; Wright, Ray H; Tulin, Marshall P	23-Feb-50	19930086057	NACA-RM-L50A03a
Performance at simulated high altitudes of a prevaporizing annular turbojet combustor having low pressure loss	Norgren, Carl T	6-Dec-56	19930089539	NACA-RM-E56I14
A summary of results obtained during flight simulation of several aircraft prototypes with variable-stability airplanes	Mcneil, Walter E; Creer, Brent Y	25-May-56	19930089213	NACA-RM-A56C08
Investigation at supersonic speeds of the effects of bomb-bay configuration upon the aerodynamic characteristics of fuselages with noncircular cross sections	Rainey, Robert W	29-Nov-56	19930089496	NACA-RM-L56H20
On the buckling of bars and plates in the plastic range. Part II	Bentham, J P	1-Mar-56	19930093838	NACA-TM-1392
A metallurgical investigation of two contour forged gas-turbine discs of 19-9DL alloy	Freeman, J W; Reynolds, E E; White, A E	1-Sep-48	19930082224	NACA-TN-1532
Altitude investigation of XJ34-WE-32 engine performance without electronic control	Bloomer, Harry E; Walker, William J; Pantages, George L	29-May-53	19930087885	NACA-RM-E51L12
Some effects of flow spoilers and of aerodynamic balance on the oscillating hinge moments for a swept fin-rudder combination in a transonic wind tunnel	Herr, Robert W; Gibson, Frederick W; Osborne, Robert S	28-May-58	19930090575	NACA-RM-L58C28
Fuel characteristics pertinent to the design of aircraft fuel systems, Supplement I : additional information on MIL-F-7914(AER) grade JP-5 fuel and several fuel oils	Barnett, Henry C; Hibbard, Robert R	16-Nov-53	19930093783	NACA-RM-E53I16
Experimental investigation of the effects of support interference on the drag of bodies of revolution at a Mach number of 1.5	Perkins, Edward W	1-Feb-51	19930082950	NACA-TN-2292
Turbulent shear spectra and local isotropy in the low-speed boundary layer	Sandborn, Virgil A; Braun, Willis H	1-Sep-56	19930084442	NACA-TN-3761
Flight measurements of drag and base pressure of a fin-stabilized parabolic body of revolution (NACA RM-10) at different Reynolds numbers and at Mach numbers from 0.9 to 3.3	Jackson, H Herbert; Rumsey, Charles B; Chauvin, Leo T	1-Sep-50	19930086324	NACA-RM-L50G24

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Initial flight tests of the NACA FR-2, a high-velocity rocket-propelled vehicle for transonic flutter research	Barmby, J G; Teitelbaum, J M	4-Mar-48	19930085750	NACA-RM-L7J20
Preliminary results of turbojet-engine altitude-starting investigation	Wilsted, H D; Armstrong, J C	5-Nov-51	19930086949	NACA-RM-E51H30
The longitudinal stability of elastic swept wings at supersonic speed	Frick, C W; Chubb, R S	1-Feb-49	19930083225	NACA-TN-1811
Wind-tunnel tests of blowing boundary-layer control with jet pressure ratios up to 9.5 on the trailing-edge flaps of a 35 degree sweptback wing airplane	Kelly, Mark W; Tucker, Jeffrey H	26-Oct-56	19930089450	NACA-RM-A56G19
Aerodynamic characteristics at Reynolds numbers of 3.0×10^6 and 6.0×10^6 of three airfoil sections formed by cutting off various amounts from the rear portion of the NACA 0012 airfoil section	Smith, Hamilton A; Schaefer, Raymond F	1-Apr-50	19930082748	NACA-TN-2074
Correlation of predicted and experimental lateral oscillation characteristics for several airplanes	Heinle, Donovan R; Mcneill, Walter E	15-Dec-52	19930087343	NACA-RM-A52J06
Aerodynamic characteristics and flying qualities of a tailless triangular-wing airplane configuration as obtained from flights of rocket-propelled models at transonic and supersonic speeds	Mitcham, Grady L; Stevens, Joseph E; Norris, Harry P	1-Nov-56	19930084649	NACA-TN-3753
Effective moment of inertia of fluid in offset, inclined, and swept-wing tanks undergoing pitching oscillations	Reese, James R; Sewall, John L	1-Jan-55	19930084248	NACA-TN-3353
Initial experimental investigation of the aerodynamic load on the wing of a model caused by a blast-induced gust that increases the angle of attack into the stall region	Pierce, Harold B; Reisert, Thomas D	19-Dec-55	19930088813	NACA-RM-L55H22b
A preliminary flight investigation of the effects of vortex generators on separation due to shock	Lina, Lindsay J; Reed, Wilmer H , III	30-Nov-50	19930086465	NACA-RM-L50J02
The aerodynamic characteristics of a body in the two-dimensional flow field of a circular-arc wing at a Mach number of 2.01	Gapcynski, John P; Carlson, Harry W	2-Jul-57	19930089747	NACA-RM-L57E14
A simple method for calculating the characteristics of the Dutch roll motion of an airplane	Klawans, Bernard B	1-Oct-56	19930084655	NACA-TN-3754
Forces and moments on inclined bodies at Mach numbers from 3.0 to 6.3	Dennis, David H; Cunningham, Bernard E	25-Jun-54	19930088294	NACA-RM-A54E03
Effect of ejector performance of varying diameter ratio by simulated iris flaps	Valerino, Alfred S; Stitt, Leonard E	21-Apr-55	19930088667	NACA-RM-E55B25
Influence of external variables on smoking of benzene flames	Clark, Thomas P	29-Aug-52	19930087857	NACA-RM-E52G24
Effect of initial mixture temperature on flame speeds and blow-off limits of propane - air flames	Dugger, Gordon L	1-Aug-50	19930083059	NACA-TN-2170
Experimental investigation of laminar-boundary-layer control on an airfoil section equipped with suction slots located at discontinuities in the surface pressure distribution	Loftin, Laurence K , Jr; Horton, Elmer A	15-Dec-53	19930090587	NACA-RM-L53J14
Altitude performance characteristics of turbojet-engine tail-pipe burner with variable-area exhaust nozzle using several fuel systems and flame holders	Johnson, Lavern A; Meyer, Carl L	29-Dec-50	19930086282	NACA-RM-E50F28

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Direct-reading design charts for 24S-T3 aluminum-alloy flat compression panels having longitudinal formed hat-section stiffeners and comparisons with panels having z-section stiffeners	Hickman, William A; Dow, Norris F	1-Mar-53	19930083482	NACA-TN-2792
Effect of strut-mounted wing tanks on the drag of NACA RM-2 test vehicles in flight at transonic speeds	Alexander, Sidney R	18-Nov-48	19930085514	NACA-RM-L8H31a
Office of Naval Research and NACA metallurgical investigation of a large forged disc of S-816 alloy	Cross, Howard C; Freeman, J W	1-Feb-49	19930082438	NACA-TN-1765
Data from large-scale low-speed tests of airplane configurations with a thin 45 degree swept-wing incorporating several leading-edge contour modifications	Evans, William T	7-May-56	19930089222	NACA-RM-A56B17
A comparison of flight measurements with calculations of the horizontal-tail root bending moments for a jet-powered bomber airplane	Cooney, T V	19-Nov-54	19930088109	NACA-RM-L54E06
On the flying qualities of helicopters	Reeder, John P; Gustafson, F B	27-Jan-49	19930082474	NACA-TN-1799
Effect of fuel volatility on performance of tail-pipe burner	Barson, Zelmar; Sargent, Arthur F , Jr	30-Apr-51	19930086502	NACA-RM-E51C14
Preliminary investigation of molybdenum disulfide-air-mist lubrication for roller bearings operating to DN values of $1 \times 10^{(exp 6)}$ and ball bearings operating to temperatures of 1000 F	Macks, E F; Nemeth, Z N; Anderson, W J	15-Oct-51	19930086694	NACA-RM-E51G31
The fatigue strength of riveted joints and lugs	Schijve, J	1-Sep-56	19930090907	NACA-TM-1395
Empirical cooling correlation for an experimental afterburner with an annular cooling passage	Koffel, William K; Kaufman, Harold R	26-Jun-52	19930087080	NACA-RM-E52C13
Wind-tunnel investigation of split trailing-edge lift and trim flaps on a tapered wing with 23 degree sweepback	Letko, William; Feigenbaum, David	1-Jul-47	19930081977	NACA-TN-1352
A preliminary study of the problem of designing high-speed airplanes with satisfactory inherent damping of the dutch roll oscillation	Campbell, John P; Mckinney, Marion O , Jr	1-Oct-53	19930083670	NACA-TN-3035
A specially constructed metallograph for use at elevated temperatures	Jenkins, Joe E; Buchele, Donald R; Long, Roger A	11-Sep-51	19930086828	NACA-RM-E51G12
Data on the Compressive Strength of 75S-T6 Aluminum-Alloy Flat Panels Having Small, Thin, Widely Spaced, Longitudinal Extruded Z-Section Stiffeners	Hickman, William A; Dow, Norris F	1-Nov-49	19930082645	NACA-TN-1978
Considerations on a large hydraulic jet catapult	Joyner, Upshur T; Horne, Walter B	1-Jul-54	19930084037	NACA-TN-3203
The effects of wind incidence on the aerodynamic loading characteristics of a sweptback wing-body combination at transonic speeds	Robinson, Harold L	12-Oct-54	19930088429	NACA-RM-L54G23b
Analysis of the liquid-metal turbojet cycle for propulsion of nuclear powered aircraft	Wachtl, William W; Rom, Frank E	19-Nov-51	19930090350	NACA-RM-E51D30
Investigation of engine performance and high-temperature properties of precision-cast turbine blades of high carbon Stellite 21 and controlled grain-size-Stellite 21	Yaker, Charles; Garrett, Floyd B; Sikora, Paul F	23-Jun-52	19930087121	NACA-RM-E52D10

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Effect at transonic speeds of inboard spoilers on the static longitudinal stability characteristics of a 45 degree sweptback wing-body combination having a leading-edge chord-extension	Henderson, James H	14-Jun-54	19930088222	NACA-RM-L54D13
Effects on adjacent surfaces from the firing of rocket jets	Bressette, Walter E; Leiss, Abraham	12-Jun-57	19930089796	NACA-RM-L57D19a
Some effects of spoiler height, wing flexibility, and wing thickness on rolling effectiveness and drag of unswept wings at Mach numbers between 0.4 and 1.7	Fields, E M	7-Oct-52	19930087247	NACA-RM-L52H18
Large-scale wind-tunnel tests of a jet-transport-type model with leading- and trailing-edge high-lift devices	Aoyagi, Kiyoshi; Hickey, David H	26-Sep-58	19930090246	NACA-RM-A58H12
Temperature distribution in internally heated walls of heat exchangers composed of noncircular flow passages	Eckert, E R G; Low, George M	1-Jan-51	19930083045	NACA-TN-2257
Low-speed wind-tunnel investigation of the longitudinal stability characteristics of a model equipped with a variable-sweep wing	Donlan, Charles J; Sleeman, William C , Jr	23-May-49	19930085972	NACA-RM-L9B18
Visual observations of the shock wave in flight	Rathert, George A , Jr; Cooper, George E	24-May-48	19930085360	NACA-RM-A8C25
Comparison of low-lift drag at Mach numbers from 0.74 to 1.37 of rocket-boosted models having externally braced wings and cantilever wings	Dickens, Waldo L; Hastings, Earl C , Jr	25-Sep-57	19930089770	NACA-RM-L57G10
Interaction of an exhaust jet and elementary contoured surfaces located in a supersonic air stream	Wasserbauer, Joseph F; Englert, Gerald W	6-Apr-56	19930089349	NACA-RM-E56A16
Performance of a short turbojet combustor with hydrogen fuel in a quarter-annulus duct and comparison with performance in a full-scale engine	Friedman, Robert; Norgren, Carl T; Jones, Robert E	2-Jul-56	19930089342	NACA-RM-E56D16
Analytical and experimental studies of spherical solid-propellant rocket motors	Thibodaux, Joseph G , Jr; Swain, Robert L; Wright, George	16-Aug-57	19930089785	NACA-RM-L57G12a
Graphical method for obtaining flow field in two-dimensional supersonic stream to which heat is added	Pinkel, I Irving; Serafini, John S	1-Nov-50	19930082854	NACA-TN-2206
Method for calculation of compressible laminar boundary layer with axial pressure gradient and heat transfer	Libby, Paul A; Morduchow, Morris	1-Jan-54	19930083876	NACA-TN-3157
Determination of the flying qualities of the Douglas DC-3 airplane	Assadourian, Arthur; Harper, John A	1-Dec-53	19930083829	NACA-TN-3088
A semiempirical method for estimating the rolling moment due to yawing of airplanes	Campbell, John P; Goodman, Alex	1-Dec-49	19930082704	NACA-TN-1984
Flight tests of a helicopter in autorotation, including a comparison with theory	Gessow, Alfred; Myers, Garry C	1-Apr-47	19930081870	NACA-TN-1267
Investigation of the use of a stick force proportional to pitching acceleration for normal-acceleration warning	Abramovitz, Marvin; Schmidt, Stanley F; Van Dyke, Rudolph D , Jr	14-Aug-53	19930087586	NACA-RM-A53E21
On the Kernel function of the integral equation relating lift and downwash distributions of oscillating wings in supersonic flow	Watkins, Charles E; Berman, Julian H	1-May-55	19930084331	NACA-TN-3438
The shearing rigidity of curved panels under compression	Hoff, N J; Boley, Bruno A	1-Aug-46	19930081712	NACA-TN-1090

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Low-speed chordwise pressure distributions near the midspan station of the slotted flap and aileron of a 1/4-scale model of the Bell X-1 airplane with a 4-percent-thick, aspect-ratio-4, unswept wing	Moseley, William C , Jr; Taylor, Robert T	9-Mar-54	19930088001	NACA-RM-L53L18
Preliminary investigation of the strength and endurance of plastic-impregnated fiberglass compressor blades	Johnson, Donald F; Meyers, Andre J , Jr	10-Jan-55	19930088481	NACA-RM-E54I27a
Survey of two-dimensional data on pitching-moment changes near maximum lift caused by deflection of high-lift devices	Bidwell, Jerold M; Cahill, Jones F	2-Dec-49	19930086004	NACA-RM-L9J03
Handbook of structural stability part V : compressive strength of flat stiffened panels	Gerard, George	1-Aug-57	19930084529	NACA-TN-3785
Longitudinal frequency-response characteristics of the Douglas D-558-I airplane as determined from experimental transient-response histories to Mach number of 0.90	Angle, Ellwyn E; Holleman, Euclid C	11-Feb-52	19930087977	NACA-RM-L51K28
Experimental investigation of the strength of multiweb beams with corrugated webs	Fraser, Allister F	1-Oct-56	19930084553	NACA-TN-3801
Propagation of a free flame in a turbulent gas stream	Mickelsen, William R; Ernstein, Norman E	1-Jul-55	19930084174	NACA-TN-3456
Analytical comparison of convection-cooled turbine blade cooling-air requirements for several radial gas-temperature profiles	Hubbartt, James E; Slone, Henry O	7-Sep-55	19930088851	NACA-RM-E55G14
Flutter investigation of a true-speed dynamic model with various tip-tank configurations	Sewall, John L; Herr, Robert W; Igoe, William, B	30-Mar-55	19930088511	NACA-RM-L54I19
Instrument-flight results obtained with a combined-signal flight indicator modified for helicopter use	Crim, Almer D; Reeder, John P; Whitten, James B	1-Aug-52	19930083536	NACA-TN-2761
Investigation of a thin wing of aspect ratio 4 in the Ames 12-foot pressure wind tunnel II : the effect of constant-chord leading- and trailing-edge flaps on the low-speed characteristics of the wing	Bandettini, Angelo; Johnson, Ben H , Jr	18-Oct-48	19930085432	NACA-RM-A8F15
Two-dimensional transonic flow past airfoils	Kuo, Yung-Huai	1-May-51	19930083091	NACA-TN-2356
Effects of twist and camber on the low-speed longitudinal stability characteristics of a 45 degree sweptback wing of aspect ratio 8 at Reynolds numbers from 1.5×10^6 to 4.8×10^6 as determined by pressure distributions, force tests	Pratt, George L	19-Dec-52	19930087371	NACA-RM-L52J03a
A method for finding a least-squares polynomial that passes through a specified point with specified derivatives	Tetervin, Neal	1-Sep-52	19930083562	NACA-TN-2774
Stresses around large cut-outs in torsion boxes	Kuhn, Paul; Moggio, Edwin M	1-May-46	19930081723	NACA-TN-1066
Blockage corrections for three-dimensional-flow closed-throat wind tunnels, with consideration of the effect of compressibility	Herriot, John G	17-Jul-47	19930093811	NACA-RM-A7B28
Comparisons of the effectiveness and hinge moments of all-movable delta and flap-type controls on various wings	Stone, David G	19-Apr-51	19930086586	NACA-RM-L51C22

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Stalling of helicopter blades	Gustafson, F B; G C Myers, JR	1-Jun-46	19930081697	NACA-TN-1083
Pressure-rise and leakage-loss characteristics of a rotating cowling	Runckel, Jack F; Hieser, Gerald	30-Aug-50	19930086233	NACA-RM-L50D07
Hinge-moment measurements of a wing with leading-edge and trailing-edge flaps at a Mach number of 1.93	Rainey, Robert W; Boatright, William B	14-Jan-49	19930085565	NACA-RM-L8K12a
Investigation of a 10-stage subsonic axial-flow research compressor V : effect of reducing inlet-guide-vane turning on over-all and inlet-stage performance	Budinger, Ray E; Serovy, George K	15-Mar-54	19930087692	NACA-RM-E53H10
The Langley annular transonic tunnel and preliminary tests of an NACA 66-006 airfoil	Habel, Louis W	23-Jun-48	19930085388	NACA-RM-L8A23
Wind-tunnel investigation of the effect of power and flaps on the static longitudinal stability and control characteristics of a single-engine high-wing airplane model.	Hagerman, John R	1-Jul-47	19930081966	NACA-TN-1339
Theoretical performance of JP-4 fuel with a 70-30 mixture of fluorine and oxygen as a rocket propellant : equilibrium composition	Gordon, Sanford; Huff, Vearl N	2-Oct-56	19930089420	NACA-RM-E56F04
Free-spinning-tunnel investigation of a 1/25-scale model of the Chance Vought XF8U-1 airplane : TED No. NACA DE 392	Klinar, Walter J; Lee, Henry A; Wilkes, L Faye	28-Dec-56	19930089653	NACA-RM-SL56L31b
Measured effective thermal conductivity of uranium oxide powder in various gases and gas mixtures	Boegli, J S; Deissler, R G	3-Mar-55	19930088561	NACA-RM-E54L10
Effects of propeller position and overlap on the slipstream deflection characteristics of a wing-propeller	Hayes, William C; Kuhn, Richard E; Sherman, Irving R	1-Sep-58	19930085249	NACA-TN-4404
Some methods of analyzing the effect of basic design variables on axial-flow-compressor performance	Sinnette, John T , Jr	26-Nov-47	19930085651	NACA-RM-E7D28
Recommended Values of Meteorological Factors to Be Considered in the Design of Aircraft Ice-Prevention Equipment	Jones, Alun R; Lewis, William	1-Mar-49	19930082528	NACA-TN-1855
Hydrodynamic pressure distribution obtained with a streamline body equipped with chine strips	Weinflash, Bernard	1-Sep-55	19930088836	NACA-RM-L55F20
Floating characteristics of rudders and elevators in spinning attitudes as determined from hinge-moment-coefficient data with application to personal-owner-type airplanes	Bihrlle, William, Jr	1-Jan-50	19930082676	NACA-TN-2016
A numerical method for the stress analysis of stiffened-shell structures under nonuniform temperature distributions	Heldenfels, Richard R	1-Nov-50	19930083130	NACA-TN-2241
Dynamic investigation of turbine-propeller engine under altitude conditions	Krebs, Richard R; Himmel, Seymore C; Blivas, Darnold; Shames, Harold	6-Dec-50	19930086368	NACA-RM-E50J24
Transonic free-flight drag results of full-scale models of 16-inch-diameter ram-jet engines	Messing, Wesley E; Acker, Loren W	17-Apr-52	19930090446	NACA-RM-E52B19
Experimental investigation of effects of design changes on performance of large-capacity centrifugal compressors	Withee, Joseph R , Jr; Kovach, Karl; Ginsburg, Ambrose	2-Mar-51	19930086488	NACA-RM-E50K10

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Experimental investigation of the lateral trim of a wing-propeller combination at angles of attack up to 90 degrees with all propellers turning in the same direction	Newsom, William A , Jr	1-Jan-58	19930085147	NACA-TN-4190
Time histories of loads and deformations on a B-45A airplane in two aileron rolls	Cooney, T V; McGowan, William A	8-Nov-49	19930085994	NACA-RM-L9I28a
A least squares curve fitting method with applications to the calculation of stability coefficients from transient-response data	Shinbrot, Marvin	1-Apr-51	19930082980	NACA-TN-2341
The use of area suction for the purpose of delaying separation of air flow at the leading edge of a 63 degree swept-back wing : effects of controlling the chordwise distribution of suction air velocities	Cook, Woodrow L; Kelly, Mark W	14-Jan-52	19930086768	NACA-RM-A51J24
On the range of applicability of the transonic area rule	Spreiter, John R	23-Aug-54	19930088332	NACA-RM-A54F28
Fatigue strengths of aircraft materials : axial-load fatigue tests on notched sheet specimens of 24S-T3 and 75S-T6 aluminum alloys and of SAE 4130 steel with stress-concentration factor of 1.5	Grover, H J; Hyler, W S; Jackson, L R	1-Feb-52	19930083512	NACA-TN-2639
Note on hovering turns with tandem helicopters	Reeder, John P; Tapscott, Robert J	1-Jan-55	19930088537	NACA-RM-L55G21
Turbulent-heat-transfer measurements at a Mach number of 0.87	Brevoort, Maurice J; Rashis, Bernard	1-Dec-55	19930084438	NACA-TN-3599
Control considerations for optimum power proportionment in turbine-propeller engines	Heidmann, Marcus F; Novik, David	1-Dec-48	19930082434	NACA-TN-1762
Aerodynamic characteristics of missile configurations with wings of low aspect ratio for various combinations of forebodies, afterbodies, and nose shapes for combined angles of attack and sideslip at a Mach number of 2.01	Robinson, Ross B	25-Jun-57	19930089792	NACA-RM-L57D19
Consideration of dynamic loads on the vertical tail by the theory of flat yawing maneuvers	Boshar, John; Davis, Philip	1-Jun-46	19930081708	NACA-TN-1065
Practical methods of calculation involved in the experimental study of an autopilot and the autopilot-aircraft combination	Smaus, Louis H; Stewart, Elwood C	1-Jun-51	19930083087	NACA-TN-2373
An experimental investigation at large scale of single and twin NACA submerged side intakes at several angles of sideslip	Martin, Norman J; Holzhauser, Curt A	1-Aug-49	19930085903	NACA-RM-A9F20
Full-scale evaluation of some flameholder design concepts for high-inlet-velocity afterburners	Prince, William R; Braithwaite, Willis M; Velie, Wallace W	28-Jun-56	19930089307	NACA-RM-E56D10
Wind-tunnel investigation of boundary-layer control by suction on NACA 655-424 airfoil with double slotted flap	Racisz, Stanley F; Quinn, John H	1-Jun-48	19930082300	NACA-TN-1631
Effect of flight speed on dynamics of a turboprop engine	Nakanishi, S; Craig, R T; Wile, D B	11-Apr-55	19930088573	NACA-RM-E55A05
High-speed wind-tunnel tests of a model pursuit airplane and correlation with flight-test results	Cleary, Joseph W; Gray, Lyle J	21-Jan-48	19930085766	NACA-RM-A7I16
Flight performance of the Terrapin high-altitude sounding vehicle	Hopko, Russell N; Wade, William R	6-Feb-57	19930089559	NACA-RM-SL57B06
Influence of combustion-chamber length on afterburner performance	Useller, James W; Braithwaite, Willis M; Rudley, Carl J	27-Aug-54	19930089256	NACA-RM-E54E06

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Combustion-efficiency and altitude-limit investigations of five fuels in an annular turbojet combustor	Wear, Jerrold D; Jonash, Edmund R	7-Jun-54	19930086077	NACA-RM-E7L30
Impingement of water droplets on a rectangular half body in a two-dimensional incompressible flow field	Lewis, William; Brun, Rinaldo J	1-Feb-56	19930084877	NACA-TN-3658
Rocket-powered flight test of a roll-stabilized supersonic missile configuration	Gardiner, Robert A; Zarovsky, Jacob	12-Jan-50	19930086181	NACA-RM-L9K01a
Effect of spike-tip and cowl-lip blunting on inlet performance of a Mach 3.0 external-compression inlet	Cubbison, R W; Samanich, N E	23-Sep-58	19930090195	NACA-RM-E58G02a
Determination of indicial lift and moment of a two-dimensional pitching airfoil at subsonic mach numbers from oscillatory coefficients with numerical calculations for a Mach number of 0.7	Mazelsky, Bernard	1-Feb-52	19930083376	NACA-TN-2613
Normal component of induced velocity in the vicinity of a lifting rotor with a nonuniform disk loading	Heyson, Harry H; Katzoff, S	1-Apr-56	19930084429	NACA-TN-3690
An analysis of a highly compounded two-stroke-cycle compression-ignition engine	Tauschek, Max J; Sather, Bernard I; Biermann, Arnold E	4-Apr-49	19930085600	NACA-RM-E8L09
Some preliminary results in the determination of aerodynamic derivatives of control surfaces in the transonic speed range by means of a flush-type electrical pressure cell	Erickson, Albert L; Robinson, Robert C	8-Oct-48	19930085530	NACA-RM-A8H03
Formulas and tables of coefficients for numerical differentiation with function values given at unequally spaced points and application to solution of partial differential equations	Wu, Chung-Hua	1-Nov-50	19930082861	NACA-TN-2214
An investigation of the drag and pressure recovery of a submerged inlet and a nose inlet in the transonic flight range with free-fall models	Selna, James; Schlaff, Bernard A	28-Dec-51	19930093734	NACA-RM-A51H20
Effect of fuselage interference on the damping in roll of delta wings of aspect ratio 4 in the Mach number range between 0.6 and 1.6 as determined with rocket propelled vehicles	Bland, William M , Jr	15-Jul-52	19930087096	NACA-RM-L52E13
Results of flight tests to determine the zero-lift drag characteristics of a 60 degree delta wing with NACA 65-006 airfoil section and various double-wedge sections at Mach numbers from 0.7 to 1.6	Welsh, Clement J	11-Aug-50	19930086188	NACA-RM-L50F01
Influence of a canard-type control surface on the internal and external performance characteristics of nacelle-mounted supersonic diffusers (conical centerbody) at a rearward body station for a Mach number of 2.0	Obery, L J; Krasnow, H S	12-Aug-52	19930087126	NACA-RM-E52F16
Measured characteristics of the Douglas D-558-1 airplane (BuAero No. 37971) in two landings	Drake, Hubert M	3-Jun-49	19930085907	NACA-RM-L9D20a
The effect of magnesium particles of various equivalent diameters on some physical properties of petrolatum-stabilized magnesium-hydrocarbon slurries	Lamberti, Joseph M	8-Apr-54	19930088227	NACA-RM-E54A22

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Subsonic flight investigation of methods to improve the damping of lateral oscillations by means of a viscous damper in the rudder system in conjunction with adjusted hinge-moment parameters	Crane, Harold L; Hurt, George J , Jr; Elliot, John M	14-Jun-54	19930088194	NACA-RM-L54D09
A method of reducing heat transfer to blunt bodies by air injection	Stalder, Jackson R; Inouye, Momoru	17-May-56	19930089176	NACA-RM-A56B27a
Investigation of aerodynamic and icing characteristics of a flush alternate-inlet induction-system air scoop	Lewis, James P	24-Jul-53	19930087831	NACA-RM-E53E07
Effect of a leading-edge flap upon the lift, drag, and pitching moment of an airplane employing a thin, unswept wing	Heitmeyer, John C	20-Oct-54	19930088103	NACA-RM-A54B16
Experimental and predicted longitudinal response characteristics of a large flexible 35-degree swept-wing airplane at an altitude of 35,000 feet	Cole, Henry A; Brown, Stuart C; Holleman, Euclid C	26-Nov-54	19930088505	NACA-RM-A54H09
The effect of boundary-layer control by suction and of several high-lift devices on the aerodynamic characteristics in yaw of a 47.5 degree sweptback	Passamanick, Jerome	28-Oct-48	19930085382	NACA-RM-L8E21
An analysis of the airspeeds and normal accelerations of Sikorsky S-42A airplanes in commercial transport operation	Walker, Walter G	1-Oct-48	19930082428	NACA-TN-1733
The effect of changes in the leading-edge radius on the aerodynamic characteristics of a symmetrical, 9-percent-thick airfoil at high-subsonic Mach numbers	Humphreys, Milton D; Robinson, Raymond A	7-Aug-50	19930086175	NACA-RM-L9L09
Vapor pressures and calculated heats of vaporization of concentrated nitric acid solutions in the composition range 71 to 89 percent nitrogen dioxide, 1 to 10 percent water, and in the temperature range 10 to 60 degrees C	McKeown, A B; Belles, Frank E	5-Feb-54	19930088097	NACA-RM-E53L14
Effects of surface roughness and extreme cooling on boundary-layer transition for 15 degrees cone-cylinder in free flight at Mach numbers to 7.6	Rabb, Leonard; Krasnican, Milan J	5-Mar-58	19930090595	NACA-RM-E57K19
Recent information on flap and tip controls	Lord, Douglas R; Czarnecki, K R	17-Nov-53	19930087899	NACA-RM-L53I17a
Thermal stability of a commercial propyl pentaborane (HEF-2) in the range 147 to 190 C	McDonald, G	13-Nov-57	19930089849	NACA-RM-E57H29
Model investigation of the effect of mounting hydro-skis on shock absorbers	Hoffman, Edward L; Fisher, Lloyd J	1-Mar-55	19930088602	NACA-RM-L54L02
Evaluation of five conical center-body supersonic diffusers at several angles of attack	Englert, Gerald W; Obery, Leonard J	5-May-52	19930090601	NACA-RM-E51L04
Experimental investigation of the effects of concentrated weights on flutter characteristics of a straight cantilever wing	Runyan, Harry L; Sewall, John L	1-Jun-48	19930082244	NACA-TN-1594
Operational characteristics of RA-14 Avon turbojet engine	Sivo, Joseph N; Jones, William L	1-Jan-56	19930089311	NACA-RM-E56D09
Method for calculating wing characteristics by lifting-line theory using nonlinear section lift data	Sivells, James C; Neely, Robert H	1-Apr-47	19930082188	NACA-TN-1269
A combined aerodynamic and guidance approach for a simple homing system	Gardiner, Robert A	2-Nov-53	19930087905	NACA-RM-L53I10a
A method for designing low-drag nose-inlet--body combinations for operation at moderate supersonic speeds	Howell, Robert R	24-Nov-54	19930088443	NACA-RM-L54I01a

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Effect of engine skew on directional and lateral control characteristics of single-engine airplanes	Wallace, Arthur R; Comenzo, Raymond J	16-May-47	19930093803	NACA-RM-L6I16
Performance Characteristics of Plane-Wall Two-Dimensional Diffusers	Reid, Elliott G	1-Feb-53	19930083792	NACA-TN-2888
Experimental investigation of air-cooled turbine blades in turbojet engine XIII : endurance evaluation of several protective coatings applied to turbine blades of nonstrategic steels	Bartoo, Edward R; Clure, John L	16-Jul-53	19930090540	NACA-RM-E53E18
On the calculation of flow about objects traveling at high supersonic speeds	Eggers, A J	1-Oct-52	19930083552	NACA-TN-2811
Heat transfer to bodies at angles of attack	Feller, William V	19-Jun-57	19930089801	NACA-RM-L57D19c
Investigation of mutual interference effects of several vertical-tail-fuselage configuration in sideslip	Michael, William H , Jr	1-Jan-54	19930083957	NACA-TN-3135
Pressure distribution induced on a flat plate by a supersonic and sonic jet exhaust at a free-stream Mach number of 1.80	Leiss, Abraham; Bressette, Walter E	10-Jan-57	19930089505	NACA-RM-L56I06
On the application of Mathieu functions in the theory of subsonic compressible flow past oscillating airfoils	Reissner, Eric	1-May-51	19930083101	NACA-TN-2363
Investigation of the Jet Effects on a Flat Surface Downstream of the Exit of a Simulated Turbojet Nacelle at a Free-Stream Mach Number of 2.02	Bressette, Walter E.	23-Jun-54	19930089270	NACA-RM-L54E05a
Chemical and physical properties of a boron-carbon-hydrogen fuel Z-244 (NACA 55Z8)	Spakowski, A E; Cramer, Patricia M; Buddie, Marianne	1-Jan-56	19930089247	NACA-RM-E56B01
Free-flight investigation of the control effectiveness of a differentially deflected horizontal tail at Mach numbers from 0.8 to 1.6	Mitchell, Jesse L; Vitale, A James	26-Apr-57	19930089233	NACA-RM-L56B20
Experimental investigation of the pressure distribution about a yawed circular cylinder in the critical Reynolds number range	Bursnall, William J; Loftin, Lawrence K , Jr	1-Sep-51	19930081739	NACA-TN-2463
Further investigation of a gas turbine with National Bureau of Standards body 4811C ceramic rotor blades	Freche, John C	9-Mar-50	19930086138	NACA-RM-E9L07
Experimental determination at subsonic speeds of the oscillatory and static lateral stability derivatives of a series of delta wings with leading-edge sweep from 30 to 86.5 degrees	Letko, William	12-Apr-57	19930089516	NACA-RM-L57A30
A theory for the lateral response of airplanes to random atmospheric turbulence	Eggleston, John M	1-May-57	19930084678	NACA-TN-3954
Experimental determination of effect of structural rigidity on rolling effectiveness of some straight and swept wings at Mach numbers from 0.7 to 1.7	Strass, H Kurt; Fields, E M; Purser, Paul E	4-Oct-50	19930086290	NACA-RM-L50G14b
Drop hammer tests with three oleo strut models and three different shock strut oils at low temperatures	Kranz, M	1-Jul-54	19930093858	NACA-TM-1372
Preliminary survey of boundary-layer development at a nominal Mach number of 5.5	Bloom, Harold L	18-Jun-52	19930087294	NACA-RM-E52D03

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Drag of a wing-body configuration consisting of a swept-forward tapered wing mounted on a body of fineness ratio 12 measured during free fall at transonic speeds	Thompson, Jim Rogers; Mathews, Charles W	13-Mar-47	19930085802	NACA-RM-L6L24
Effect of exhaust-nozzle ejectors on turbojet noise generation	North, Warren J; Coles, Willard D	1-Oct-55	19930084363	NACA-TN-3573
Effect of inlet-air baffles on rotating-stall and stress characteristics of an axial-flow compressor in a turbojet engine	Huntley, S C; Huppert, Merle C; Calvert, Howard F	10-Jan-55	19930088394	NACA-RM-E54G09
Tables and charts of flow parameters across oblique shocks	Neice, Mary M	1-Aug-48	19930082304	NACA-TN-1673
Wind-tunnel measurements at subsonic speeds of the static and dynamic-rotary stability derivatives of a triangular-wing airplane model having a triangular vertical tail	Beam, Benjamin H; Reed, Verlin D; Lopez, Armando E	25-Apr-55	19930088577	NACA-RM-A55A28
Preliminary investigation of the combustion of a 50 percent pentaborane - 50 percent JP-4 fuel blend in a turbojet combustor at simulated altitude conditions	Branstetter, J Robert; Kaufman, Warner B; Gibbs, James B	11-Mar-57	19930086969	NACA-RM-E53J21
Supplementary charts for estimating performance of high-performance helicopters	Gessow, Alfred; Tapscott, Robert J	1-Jul-55	19930084281	NACA-TN-3482
Static investigation of several jet deflectors for longitudinal control of an aircraft	Valerino, Alfred S	7-Jun-55	19930088690	NACA-RM-E55D04
The hydrodynamic characteristics of modified rectangular flat plates having aspect ratios of 1.00 and 0.25 and operating near a free water surface	Wadlin, Kenneth L; Ramsen, John A; Vaughan, Victor L , Jr	1-Mar-54	19930083765	NACA-TN-3079
Theoretical performance of an axial-flow compressor in a gas-turbine engine operating with inlet water injection	Hensley, Reesc V	1-Mar-52	19930083800	NACA-TN-2673
Effect of inlet-guide-vane angle on blade vibration and rotating stall of 13-stage axial-flow compressor in turbojet engine	Calvert, Howard F; Medeiros, Arthur A; Johnson, Donald F	22-May-56	19930088909	NACA-RM-E55K03
Bearing strength of some sand-cast magnesium alloys	Moore, R L	1-Feb-47	19930081787	NACA-TN-1136
A Mach 4 rocket-powered supersonic tunnel using ammonia-oxygen as working fluid	Graham, Robert W; Guentert, Eleanor Costilow; Huff, Vearl N	1-Sep-58	19930085132	NACA-TN-4325
Performance characteristics of aircraft cooling ejectors having short cylindrical shrouds	Kochendorfer, Fred D; Rousso, Morris D	22-May-51	19930086635	NACA-RM-E51E01
Altitude operational characteristics of prototype J40-WE-8 turbojet engine	Sobolewski, Adam E; Lubick, Robert J	14-Aug-53	19930087629	NACA-RM-E52L29
Effect of angle of attack and exit nozzle design on the performance of a 16-inch ram jet at Mach numbers from 1.5 to 2.0	Perchonok, Eugene; Wilcox, Fred; Pennington, Donald	5-Oct-51	19930086670	NACA-RM-E51G26
Preliminary flight investigation of the wing-dropping tendency and lateral-control characteristics of a 35 degree swept-wing airplane at transonic Mach numbers	Winograd, Lee; Cooper, George E; Rathert, George A , Jr; Rolls, L Stewart	11-Sep-50	19930086344	NACA-RM-A50H03
Calculated effect of some airplane handling techniques on the ground-run distance in landing on slippery runways	Zalovik, John A	1-Jul-57	19930084913	NACA-TN-4058

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Performance characteristics at Mach numbers to 2.0 of various types of side inlets mounted on fuselage of proposed supersonic airplane III : normal wedge inlet with semicircular cowl	Esenwein, Fred T	16-Oct-52	19930087252	NACA-RM-E52H20
Aerodynamic study of a wing-fuselage combination employing a wing swept back 63 degrees : effects of split flaps, elevons, and leading-edge devices at low speed	Hopkins, Edward J	19-May-49	19930085919	NACA-RM-A9C21
Combustion efficiency of homogeneous fuel-air mixtures in a 5-inch ram-jet-type combustor	Reynolds, Thaine W; Ingebo, Robert D	17-Nov-52	19930090420	NACA-RM-E52I23
The solution of the laminar-boundary-layer equation for the flat plate for velocity and temperature fields for variable physical properties and for the diffusion field at high concentration	Schuh, H	1-May-50	19930093950	NACA-TM-1275
Investigation of shock diffusers at Mach number 1.85 II : projecting double-shock cones	Moeckel, W E; Connors, J F; Schroeder, A H	17-Jun-47	19930085770	NACA-RM-E6L13
Measurements of normal-force-coefficient fluctuation on four 9-percent-thick airfoils having different locations of maximum thickness	Humphreys, Milton D	27-Apr-54	19930088147	NACA-RM-L54B22
Design and tests of a six-stage axial-flow compressor having a tip speed of 550 feet per second and a flat operating characteristic at constant speed	Westphal, Willard R; Maynard, John W , Jr	1-Jun-58	19930085242	NACA-TN-4253
Limited hydrodynamic investigation of a 1/15-size model of a modified nose-inlet multijet water-based aircraft	Mekann, Robert E; Coffee, Claude W	3-Feb-56	19930089013	NACA-RM-L55J19
Free-flight investigation at transonic and supersonic speeds of the rolling effectiveness of several aileron configurations on a tapered wing having 42.7 degrees sweepback	Sandahl, Carl A	11-Jan-49	19930085626	NACA-RM-L8K23
Three-dimensional supersonic nozzles and inlets of arbitrary exit cross section	Evvard, John C; Maslen, Stephen H	1-Apr-52	19930083973	NACA-TN-2688
Influence of copper ions on adherence of vitreous coatings to stainless steel	Moore, D G; Eubanks, A G	1-Feb-56	19930085002	NACA-TN-3679
Low-speed characteristics in pitch of a 34 degree sweptforward wing with circular-arc airfoil sections	Conner, D William; Cancro, Patrick A	9-Jan-48	19930085636	NACA-RM-L7F04a
Summary of flutter experiences as a guide to the preliminary design of lifting surfaces on missiles	Martin, Dennis J	1-Feb-58	19930085030	NACA-TN-4197
Experimental investigation of a five-stage axial-flow research compressor with transonic rotors in all stages IV : blade-element performance	Sandercock, Donald M	7-May-57	19930089563	NACA-RM-E57B12
Results of axial-load fatigue tests on electropolished 2024-T3 and 7075-T6 aluminum-alloy-sheet specimens with central holes	Landers, Charles B; Hardrath, Herbert F	1-Mar-56	19930084379	NACA-TN-3631
Free-flight investigation of effects of simulated sonic turbojet exhaust on the drag of twin-jet boattail bodies at transonic speeds	Leiss, Abraham	20-Jul-56	19930089371	NACA-RM-L56D30
An investigation of the afterbody pressure distribution and fin loading characteristics of a specialized store configuration at transonic speeds	Henry, Beverly Z , Jr; Braden, John A	1-Aug-56	19930089572	NACA-RM-SL56G30

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Investigation of NACA 64,2-432 and 64,3-440 airfoil sections with boundary-layer control and an analytical study of their possible applications	Horton, Elmer A; Racisz, Stanley Frank; Paradiso, Nicholas J	1-Jul-51	19930082970	NACA-TN-2405
Analysis of an automatic control to prevent rolling divergence	Phillips, William H	18-Apr-56	19930089260	NACA-RM-L56A04
Compressive and torsional buckling of thin-wall cylinders in yield region	Gerard, George	1-Aug-56	19930084462	NACA-TN-3726
A study of the dynamic stability of the Bell X-1 research airplane	Polhamus, Edward C	10-Jan-50	19930086028	NACA-RM-L9K04a
Control effectiveness load and hinge-moment characteristics of a tip control surface on a delta wing at a Mach number of 1.9	Conner, D William; May, Ellery B , Jr	7-Oct-49	19930086081	NACA-RM-L9H05
Free-flight flutter tests in the transonic and low supersonic speed range of three low-aspect-ratio swept, tapered wings on rocket-propelled vehicles	Lauten, William T , Jr; O'Kelly, Burke R	19-Mar-56	19930089020	NACA-RM-L55J21
A method of calibrating airspeed installations on airplanes at transonic and supersonic speeds by use of accelerometer and attitude-angle measurements	Zalovcik, John A	1-May-50	19930082905	NACA-TN-2099
Aerodynamic investigation of a parabolic body of revolution at mach number of 1.92 and some effects of an annular supersonic jet exhausting from the base	Love, Eugene S	1-Sep-56	19930084478	NACA-TN-3709
An investigation of the effects of a geometric twist on the aerodynamic loading characteristics of a 45 degree sweptback wing-body configuration at transonic speeds	Williams, Claude V	12-Oct-54	19930088317	NACA-RM-L54H18
Investigation of the NACA 1.167-(0)(03)-058 and NACA 1.167-(0)(05)-058 three-blade propellers at forward Mach numbers to 0.92 including effects of thrust-axis inclination	Demele, Fred A; Otey, William R	31-Aug-53	19930087653	NACA-RM-A53F16
Investigation of an all-moveable control surface at a Mach number of 6.86 for possible flutter	Lauten, William T , Jr; Levey, Gilbert M; Armstrong, William O	8-May-58	19930090019	NACA-RM-L58B27
Effect of Mach and Reynolds numbers on maximum lift coefficient	Spreiter, John R; Steffen, Paul J	28-Mar-46	19930084610	NACA-TN-1044
Effect of nose shape and wing thickness ratio on the drag at zero lift of a missile having triangular wings and tails	Hall, James R; Sandahl, Carl A	31-May-50	19930086243	NACA-RM-L50C16a
Effect of forging temperature and heat treatment on the performance of Inconel 700 buckets at 1625 F in a J33-9 turbojet engine	Gyorgak, C A; Springsteen, D F; Johnson, J R	18-Feb-58	19930090029	NACA-RM-E57K14
Study of the pressure rise across shock waves required to separate laminar and turbulent boundary layers	Donaldson, Coleman Dup; Lange, Roy H	5-May-52	19930087151	NACA-RM-L52C21
Flight investigation of the effectiveness of an automatic aileron trim control device for personal airplanes	Phillips, William H; Kuehnel, Helmut A; Whitten, James B	1-Apr-56	19930084390	NACA-TN-3637
A free-flight investigation at zero lift in the Mach number range between 0.7 and 1.4 to determine the effectiveness of an inset tab as a means of aerodynamically relieving aileron hinge moments	Bland, William M , Jr; Marley, Edward T	15-Jan-53	19930087363	NACA-RM-L52K07
Prandtl-Meyer expansion of chemically reacting gases in local chemical and thermodynamic equilibrium	Heims, Steve P	1-Mar-58	19930085178	NACA-TN-4230

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Flight investigation of the effect of transient wing response on measured accelerations of a modern transport airplane in rough air	Schufflebarger, C C; Mickleboro, Harry C	1-Aug-50	19930082768	NACA-TN-2150
Flight investigation of factors affecting the carburetor ram and nacelle drag of an A-26B airplane	Danforth, Edward C B , III	1-Jul-46	19930093699	NACA-WR-L-740, NACA-MR-L6F21
Effects of vertical fins near the nose of the fuselage on the directional and damping-in-yaw stability derivatives of an airplane model under steady-state and oscillatory conditions	Queijo, M J; Wells, Evalyn G	1-Dec-56	19930084622	NACA-TN-3814
Steady loads due to jet interference on wings, tails, and fuselages at transonic speeds	Swihart, John M; Crabill, Norman L	22-May-57	19930089880	NACA-RM-L57D24b
Creep-buckling analysis of rectangular-section columns	Libove, Charles	1-Jun-53	19930084007	NACA-TN-2956
Investigation of the longitudinal aerodynamic characteristics of a trapezoidal-wing airplane model with various vertical positions of wing and horizontal tail at Mach numbers of 1.41 and 2.01	Foster, Gerald V	6-Mar-58	19930089839	NACA-RM-L58A07
Evaluation at supersonic speeds of twin-duct side-intake system with two-dimensional double-shock inlets	Obery, Leonard J; Wise, George A; Stitt, Leonard E	19-Aug-54	19930088181	NACA-RM-E54C08
Methods for obtaining desired helicopter stability characteristics	Gustafson, F B; Tapscott, Robert J	23-Aug-54	19930090309	NACA-RM-L54F30
A limited investigation of the effect of three vortex-generator configuration on the effectiveness of a plain flap on an unswept wing	Morris, Garland J; Lina, Lindsay J	1-Sep-55	19930084254	NACA-TN-3536
Additional static and fatigue tests of high-strength aluminum-alloy bolted joints	Hartmann, E C; Holt, Marshall; Eaton, I D	1-Jul-54	19930084023	NACA-TN-3269
Comparison between prediction and experiment for all-movable wing and body combinations at supersonic speeds : lift, pitching moment, and hinge moment	Nielsen, Jack N; Kaattari, George E; Drake, William C	8-Aug-52	19930090293	NACA-RM-A52D29
A preliminary study of the preparation of slurry fuels from vaporized magnesium	Witzke, Walter R; Prok, George M; Walsh, Thomas J	4-Feb-54	19930087967	NACA-RM-E53K23
A low-speed investigation of a high-lift lateral-control device consisting of a spoiler-slot-deflector and a trailing-edge flap on a tapered 45 degree sweptback wing	Hammond, Alexander D; Huffman, Jarrett K	26-Oct-56	19930089470	NACA-RM-L56H31
An approximate method of determining the subsonic flow in an arbitrary stream filament of revolution cut by arbitrary turbomachine blades	Wu, Chung-Hua; Brown, Curtis A; Prian, Vasily D	1-Jun-52	19930083245	NACA-TN-2702
The effect of wing height on the longitudinal characteristics at high subsonic speeds of a wing-fuselage-tail combination having a wing with 40 degrees of sweepback and NACA four digit thickness distribution	Dickson, Jerald K; Sutton, Fred B	25-May-55	19930088986	NACA-RM-A55C30
The effect of rate of change of angle of attack on the maximum lift of a small model	Harper, Paul W; Flanigan, Roy E	1-Mar-50	19930082735	NACA-TN-2061
Second-order slender-body theory : axisymmetric flow	Van Dyke, Milton D	1-Sep-58	19930085076	NACA-TN-4281
Effect of a discontinuity on turbulent boundary-layer-thickness parameters with application to shock-induced separation	Reshotko, Eli; Tucker, Maurice	1-May-55	19930084161	NACA-TN-3454

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Small-scale investigation at transonic speeds of the effects of thickening the inboard section of a 45 degrees sweptback wing of aspect ratio 4, taper ratio 0.3, and NACA 65A006 airfoil section	Spreemann, Kenneth P; Alford, William J , Jr	9-Aug-51	19930086892	NACA-RM-L51F08a
Lateral-control investigation at a Reynolds number of 5,300,000 of a wing of aspect ratio 5.8 sweptforward 32 degrees at the leading edge	Graham, Robert R	7-Feb-50	19930085969	NACA-RM-L9H18
Investigation of the low-speed performance and static longitudinal stability and control characteristics of a 60 degree delta-wing-body-tail combination with blowing over trailing-edge flaps	Scallion, William I; Cannon, Michael D	29-Jul-57	19930089767	NACA-RM-L57F17
Boundary-layer measurements in 3.84- by 10-inch supersonic channel	Brinich, Paul F	1-Oct-50	19930082851	NACA-TN-2203
NACA Transonic Wing-Tunnel Test Sections	Wright, Ray H; Ward, Vernon G	25-Oct-48	19930085497	NACA-RM-L8J06
Comparison of lift-curve slopes for a model tested in two slotted tunnels of different sizes at high subsonic speeds	Boswinkle, Robert W , Jr	23-Jun-53	19930087583	NACA-RM-L53E20a
A theoretical analysis of a simple aerodynamic device to improve the longitudinal damping of a cruciform missile configuration at supersonic speeds	Clements, James E	27-Oct-55	19930088848	NACA-RM-L55H31
Wind-tunnel investigation at low speed of sideslipping, rolling, yawing, and pitching characteristics for a model of a 45 degree swept-wing fighter-type airplane	Jaquet, Byron M; Fletcher, H S	1-Sep-55	19930088833	NACA-RM-L55F21
Investigation of frequency-response characteristics of engine speed for a typical turbine-propeller engine	Taylor, Burt L , III; Oppenheimer, Frank L	1-Sep-50	19930083127	NACA-TN-2184
Effect of leading-edge geometry on boundary-layer transition at Mach 3.1	Brinich, Paul F	1-Mar-56	19930084881	NACA-TN-3659
Langley full-scale-tunnel investigation of the fuselage boundary layer on a typical fighter airplane with a single liquid-cooled engine	Czarnecki, K R; Pasamanick, Jerome	1-Jun-46	19930081705	NACA-TN-1087
Chordwise and spanwise loadings measured at a large triangular wing having an aspect ratio of 2 and a thin, subsonic-type airfoil section	Graham, David	13-Mar-50	19930086074	NACA-RM-A50A04a
Results of a flight investigation to determine the zero-lift drag characteristics of a 60 degree delta wing with NACA 65-006 airfoil section and various double-wedge sections at Mach numbers from 0.7 to 1.6	Welsh, Clement J	1-Apr-56	19930084426	NACA-TN-3650
Influence of a canard-type control surface on flow field in vicinity of symmetrical fuselage at Mach numbers 1.8 and 2.0	Wise, George A; Dryer, Murray	16-Jul-52	19930087093	NACA-RM-E52E13
Flight measurements with the Douglas D-558-II (BuAero No. 37974) research airplane : measurements of the buffet boundary and peak airplane normal-force coefficients at Mach numbers up to 0.90	Mayer, John P; Valentine, George M	28-Aug-50	19930086185	NACA-RM-L50E31
Results of an investigation at high subsonic speeds to determine lateral-control and hinge-moment characteristics of a spoiler-slot-deflector configuration on a 35 degree sweptback wing	Hammond, Alexander D; Brown, Albert E	5-Jun-57	19930089680	NACA-RM-L57C20
Study of size effect in sheet-stringer panels	Doman, J P; Schwartz, Edward B	1-Jul-56	19930084675	NACA-TN-3756

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Preliminary free-jet performance of XRJ43-MA-3 ram-jet engine at Mach number of 2.50	Smith, Ivan D; Prince, William R	1-Jan-55	19930088687	NACA-RM-E55C28
A fuselage addition to increase drag-rise Mach number of subsonic airplanes at lifting conditions	Whitcomb, Richard T	1-Jun-58	19930085129	NACA-TN-4290
Combustion-chamber performance characteristics of a python turbine-propeller engine investigated in altitude wind tunnel	Campbell, Carl E	16-Nov-51	19930086667	NACA-RM-E51G25
Altitude test chamber investigation of performance of a 28-inch ram-jet engine II : effects of gutter width and blocked area on operating range and combustion efficiency	Shillito, T B; Jones, W L; Kahn, R W	6-Nov-50	19930086341	NACA-RM-E50H21
General solution of Prandtl's boundary-layer equation	Mangler, W	1-Jun-50	19930093947	NACA-TM-1278
An investigation of the lateral-control characteristics of spoilers on a high-aspect-ratio wing of NACA 65-210 section in the Langley 8-foot high speed tunnel	Luoma, Arvo A	24-Jun-47	19930085633	NACA-RM-L7D21
A method for the calculation of the lateral response of airplanes to random turbulence	Eggleston, John M; Phillips, William H	1-Feb-58	19930085027	NACA-TN-4196
Experimental investigation of air-cooled turbine blades in turbojet engine XIV : endurance evaluation of shell-supported turbine rotor blades made of Timken 17-22A(S) steel	Clure, John L; Stepka, Francis S; Bear, H Robert	24-Sep-54	19930088314	NACA-RM-E54F23a
An analytical investigation of the effect of the rate of increase of turbulent kinetic energy in the stream direction on the development of turbulent boundary layers in adverse pressure gradients	Rashis, Bernard	1-Nov-53	19930083698	NACA-TN-3049
Stagnation-point heat transfer to blunt shapes in hypersonic flight, including effects of yaw	Eggers, A J , Jr; Hansen, C Frederick; Cunningham, Bernard E	1-Apr-58	19930085175	NACA-TN-4229
Subsonic flow of air through a single-stage and a seven-stage compressor	Wu, Chung-Hua	1-Jun-53	19930084020	NACA-TN-2961
On the continuation of a potential gas flow across the sonic line	Bers, Lipman	1-Apr-50	19930082732	NACA-TN-2058
Low-speed longitudinal and wake air-flow characteristics at a Reynolds number of 6.0×10^6 of a 52 degree sweptback wing equipped with various spans of leading-edge flaps, a fuselage, and a horizontal tail at various vertical positions	Griner, Roland F; Foster, Gerald V	28-Feb-51	19930086889	NACA-RM-L50K29
Experimental determination of the subsonic performance of a ram-jet unit containing thin-plate burners	Henry, John R	29-Jun-49	19930085966	NACA-RM-L9B17
The hydrodynamic lubrication of cyclically loaded bearings	Dayton, R W; Simons, E M	1-Nov-51	19930083124	NACA-TN-2544
Ground-stand cooling investigation of an R-2600-22 engine in a PBM-3D nacelle	Prince, William R	1-Jan-46	19930093215	NACA-WR-L-754, NACA-MR-L5L18
Tables of characteristic functions for solving boundary-value problems of the wave equation with application to supersonic interference	Nielsen, Jack N	1-Feb-57	19930084672	NACA-TN-3873
Charts for the analysis of flow in a whirling duct	Makofski, Robert A	1-May-57	19930084669	NACA-TN-3950
An Analysis of the Effects of Wing Aspect Ratio and Tail Location on Static Longitudinal Stability Below the Mach Number of Lift Divergence	Axelson, John A.; Crown, J. Conrad	9-Jan-48	19930085834	NACA-RM-A7J13

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A flight investigation of the effect of center-of-gravity location on gust loads	Funk, Jack; Binckley, Earle T	1-Dec-51	19930083332	NACA-TN-2575
Laminar natural-convection flow and heat transfer of fluids with and without heat sources in channels with constant wall temperatures	Ostrach, Simon	1-Dec-52	19930083632	NACA-TN-2863
High-speed wind-tunnel tests of an NACA 16-009 airfoil having a 32.9-percent-chord flap with an overhang 20.7 percent of the flap chord	Stevenson, David B; Byrne, Robert W	1-Aug-47	19930082028	NACA-TN-1406
Preliminary investigation of a translating cowl technique for improving take-off performance of a sharp-lip supersonic diffuser	Cortright, Edgar M , Jr	28-Nov-51	19930086879	NACA-RM-E51I24
Plastic buckling of simply supported compressed plates	Pride, Richard A; Heimerl, George J	1-Apr-49	19930082491	NACA-TN-1817
Reduction of wave drag of wing-body combinations at supersonic speeds through body distortions	Pitts, William C	13-Apr-56	19930089432	NACA-RM-A56B10
Investigation of stage performance of X24C-2 ten-stage axial-flow compressor at design speed	Finger, Harold B; Cohen, Leo; Stewart, Warner L	22-May-50	19930086150	NACA-RM-SE50E01
A study of the transient behavior of shock waves in transonic channels flows	Hess, Robert V	1-Oct-52	19930083499	NACA-TN-2797
Static aeroelastic phenomena of M-, W-, and A-wings	Diederich, Franklin W; Foss, Kenneth A	9-Feb-53	19930087522	NACA-RM-L52J21
Calculation of the effects of structural flexibility on lateral control of wings of arbitrary plan form and stiffness	Diederich, Franklin W	24-Dec-48	19930085464	NACA-RM-L8H24a
Effect of reduced stator-blade trailing-edge thickness on over-all performance of a transonic turbine	Whitney, Warren J; Stewart, Warner L; Wong, Robert Y	1-Nov-55	19930089089	NACA-RM-E55H17
Transonic wind-tunnel investigation of the effect of horizontal tail on longitudinal stability of two 60 degree sweptback-wing-body configurations with aspect ratios of 2.67 and 4.00	Brooks, Joseph D	20-Feb-58	19930090199	NACA-RM-L57L11
A summary and analysis of wind-tunnel data on the lift and hinge-moment characteristics of control surfaces up to a Mach number of 0.90	Axelson, John A	30-Apr-48	19930085837	NACA-RM-A7L02
Effect of ground interference on the aerodynamic characteristics of a 42 degrees sweptback wing	Furlong, G Chester; Bollech, Thomas V	1-Oct-51	19930083050	NACA-TN-2487
Notes on a large-scale statistical program for the establishment of maneuver-loads design criteria for military airplanes	Mayer, John P; Stone, Ralph W , Jr; Hamer, Harold A	17-Jul-57	19930089729	NACA-RM-L57E30
A summary of diagonal tension Part I : methods of analysis	Kuhn, Paul; Peterson, James P; Levin, L Ross	1-May-52	19930083335	NACA-TN-2661
Flow through cascades in tandem	Spraglin, William E	1-Jun-51	19930088962	NACA-TN-2393
Effects of internal corner fillets on pressure recovery : mass flow characteristics of scoop-type conical supersonic inlets	Valerino, Alfred S	8-Dec-52	19930090337	NACA-RM-E52J10
Effect of small deviations from flatness on effective width and buckling of plates in compression	Hu, Pai C; Lundquist, Eugene E; Batdorf, S B	1-Sep-46	19930081796	NACA-TN-1124
Damping-in-roll calculations for slender swept-back wings and slender wing-body combinations	Lomax, Harvard; Heaslet, Max A	1-Sep-49	19930082627	NACA-TN-1950

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Free-flight investigation of longitudinal stability and control of a rocket-propelled missile model having cruciform, triangular, inline wings and tails	Hall, James R	25-Mar-52	19930086932	NACA-RM-L51J17
A reevaluation of gust-load statistics for applications in spectral calculations	Press, Harry; Meadows, May T	1-Aug-55	19930084268	NACA-TN-3540
Interim report on a fatigue investigation of a full-scale transport aircraft wing structure	Mcguigan, M James, Jr	1-Apr-53	19930083635	NACA-TN-2920
The optical system of the NACA 400,000-frame-per-second motion-picture camera	Miller, Cearcy D	1-Aug-47	19930082031	NACA-TN-1405
The effects of changes in aspect ratio and tail height on the longitudinal stability characteristics at high subsonic speeds of a model with a wing having 32.6 degree sweepback	Alford, William J , Jr; Pasteur, Thomas B , Jr	2-Feb-54	19930088129	NACA-RM-L53L09
High-altitude performance investigation of J65-B-3 turbojet engine with both JP-4 and gaseous hydrogen fuels	Kaufman, Harold R	2-Apr-57	19930089742	NACA-RM-E57A11
A collection of the collapsed results of general tank tests of miscellaneous flying-boat-hull models	Locke, F W S , Jr	1-Mar-47	19930081961	NACA-TN-1182
Investigation at zero forward speed of a leading-edge slat as a longitudinal control device for vertically rising airplanes that utilize the redirected-slipstream principle	Kuhn, Richard E	1-May-56	19930084433	NACA-TN-3692
Static-pressure error calibrations for nose-boom airspeed installations of 17 airplanes	Larson, Terry J; Stillwell, Wendell H; Armistead, Katharine H	13-Mar-57	19930089554	NACA-RM-H57A02
Theoretical prediction of the side force on stores attached to configurations traveling at supersonic speeds	Bobbitt, Percy J; Malvestuto, Frank S , Jr; Margolis, Kenneth	12-Mar-56	19930089242	NACA-RM-L55L30b
Some effects of system nonlinearities in the problem of aircraft flutter	Woolston, Donald S; Runyan, Harry L; Byrdsong, Thomas A	1-Oct-55	19930084263	NACA-TN-3539
An investigation at subsonic speeds of the rolling effectiveness of a small perforated spoiler on a wing having 45 degrees of sweepback	Bandettini, Angelo	15-Sep-52	19930087234	NACA-RM-A52G02
An investigation of flow in circular and annular 90 degrees bends with a transition in cross section	Wilbur, Stafford W	1-Aug-57	19930084829	NACA-TN-3995
Aerodynamic characteristics of a wing with unswept quarter-chord line, aspect ratio 4, taper ratio 0.6, and NACA 65A006 airfoil section	Goodson, Kenneth W; Morrison, William D , Jr	21-Oct-49	19930085977	NACA-RM-L9H22
Test of six types of Bakelite-bonded wire strain gages	Campbell, William R	1-Jul-48	19930082273	NACA-TN-1656
Stresses in and general instability of monocoque cylinders with cutouts IV : pure bending tests of cylinders with side cutout	Hoff, N J; Boley, Bruno A; Viggiano, Louis R	1-Feb-48	19930082181	NACA-TN-1264
Three-dimensional compressible laminar boundary-layer flow	Moore, Franklin K	1-Mar-51	19930082963	NACA-TN-2279
Hydrodynamic investigation of a 1/13-scale model of the consolidated vultee skate 7 seaplane equipped with twin hydro-skis : TED No. NACA DE 342	Mckann, Robert E; Coffee, Claude W; Arabian, Donald D	7-Nov-51	19930086882	NACA-RM-SL51F07a

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General theory of wave-drag reduction for combinations employing quasi-cylindrical bodies with an application to swept-wing and body combinations	Nielsen, Jack N	24-Jun-55	19930088608	NACA-RM-A55B07
Investigation of minimum drag and maximum lift-drag ratios of several wing-body combinations including a cambered triangular wing at low Reynolds numbers and at supersonic speeds	Brown, Clinton E; Hargrave, L K	6-Aug-51	19930086714	NACA-RM-L51E11
Wind-tunnel investigation at low speed of aerodynamic characteristics of Army Chemical Corps model E-112 bomblets with span-chord ratio of 2:1	Letko, William	26-Dec-56	19930089078	NACA-RM-SL56L20
A theoretical analysis of elastic vibrations of fixed-ended and hinged helicopter blades in hovering and vertical flight	Morduchow, Morris	1-Jan-50	19930082717	NACA-TN-1999
Static longitudinal stability and dynamic characteristics at high angles of attack and at low Reynolds numbers of a model of the X-3 supersonic research airplane	Burk, Sanger M; Hultz, Burton E	6-Feb-51	19930086522	NACA-RM-L50L19
Strength analysis of stiffened thick beam webs	Levin, L Ross; Sandlin, Charles W , Jr	1-Mar-49	19930082494	NACA-TN-1820
Wing-body combinations with wings of very low aspect ratio at supersonic speeds	Jorgenson, Leland H; Katzen, Elliott D	26-Oct-56	19930089435	NACA-RM-A56G16
Stresses in and general instability of monocoque cylinders with cutouts III : calculation of the buckling load of cylinders with symmetric cutout subjected to pure bending	Hoff, J; Boley, Bruno A; Klein, Bertram	1-May-47	19930081887	NACA-TN-1263
Static sea-level performance of an axial-flow-compressor turbojet engine with an air-cooled turbine	Cochran, Reeves P; Dengler, Robert P	15-Mar-55	19930088819	NACA-RM-E54L28a
An experimental study at moderate and high subsonic speeds of the flow over wings with 30 degrees and 45 degrees of sweepforward in conjunction with a fuselage	Whitcomb, Richard T	15-Jun-51	19930086471	NACA-RM-L50K28
Notes on low-lift buffeting and wing dropping at Mach numbers near 1	Purser, Paul E	16-Mar-51	19930086723	NACA-RM-L51A30
Spray characteristics of a powered dynamic model of a flying boat having a hull with a length-beam ratio of 9.0	Bell, Joe W	1-Jan-46	19930093040	NACA-WR-L-763, NACA-ARR-L5L29
Fundamental effects of cold-working on creep properties of low-carbon N-155 alloy	Frey, D N; Freeman, J W; White, A E	1-Oct-51	19930083179	NACA-TN-2472
Correlations involving pressure fluctuations in homogeneous turbulence	Uberoi, Mahinder S	1-Jan-54	19930083883	NACA-TN-3116
Analytical and experimental investigation of a forced-convection air-cooled internal strut-supported turbine blade	Shum, Eugene F; Stepka, Francis S	12-Mar-54	19930088025	NACA-RM-E53L22a
Aerodynamic heating of a thin, unswept, untapered, multiweb, aluminum-alloy wing at Mach numbers up to 2.67 as determined from a free-flight investigation of a rocket-propelled model	Strass, H Kurt; Stephens, Emily W	6-Aug-57	19930089753	NACA-RM-L57F06
Experimental investigation of the simulation of atmospheric entry of ballistic missiles	Neice, Stanford E; Carson, James A; Cunningham, Bernard E	12-Dec-57	19930089986	NACA-RM-A57I26

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Rocket-powered-model investigation of the effects of aeroelasticity on the rolling effectiveness of an 8.06-percent-scale McDonnell F3H-1 airplane wing at Mach numbers from 0.5 to 1.4 : TED No. NACA DE 351	English, Roland D	12-Apr-54	19930088209	NACA-RM-SL54D12
Small-scale transonic investigation of the effects of full-span and partial-leading-edge flaps on the aerodynamic characteristics of a 50 degree 38 foot sweptback wing of aspect ratio 2.98	Spreeman, Kenneth P; Alford, William J , Jr	16-Jul-52	19930087071	NACA-RM-L52E12
Experimental stress analysis of stiffened cylinders with cutouts : shear load	Rosecrans, Richard; Schlechte , Floyd R	1-Jul-54	19930083998	NACA-TN-3192
Yaw characteristics of a 52 degree sweptback wing of NACA 64(sub 1)-112 section with a fuselage and with leading-edge and split flaps at Reynolds numbers from 1.93 x 10(exp 6) to 6.00 x 10(exp 6)	Salmi, Reino J	8-Nov-48	19930085582	NACA-RM-L8H12
Preliminary analysis of problem of determining experimental performance of air-cooled turbine III : methods for determining power and efficiency	Ellerbrock, Herman H , Jr; Ziemer, Robert R	2-Aug-50	19930086153	NACA-RM-E50E18
Vaporization rates and heat-transfer coefficients for pure liquid drops	Ingebo, Robert D	1-Jul-51	19930087877	NACA-TN-2368
Investigation at Mach numbers of 1.41, 1.61, and 1.82 of two variable-geometry inlets having two-dimensional compression surfaces	Hasel, Lowell E	23-Feb-55	19930088421	NACA-RM-L54K04
Influence of tensile strength and ductility on strengths of rotating disks in presence of material and fabrication defects of several types	Holms, Arthur G; Jenkins, Joseph E; Repko, Andrew J	1-Jun-51	19930083079	NACA-TN-2397
Effect of number of fins on the drag of a pointed body of revolution at low supersonic velocities	Mastrocola, N	7-Apr-47	19930085604	NACA-RM-L7A08
Study of ground-reaction forces measured during landing impacts of a large airplane	Hall, Albert W; Sawyer, Richard H; Mckay, James M	1-May-58	19930085220	NACA-TN-4247
Investigation of the dynamic response of airplane wings to gusts	Pierce, Harold B	1-Jun-47	19930090607	NACA-TN-1320
Friction coefficients in the inlet length of smooth round tubes	Shapiro, Ascher H; Smith, R Douglas	1-Nov-48	19930082458	NACA-TN-1785
Review of some recent data on buffet boundaries	Purser, Paul E	23-May-51	19930086678	NACA-RM-L51E02a
Lateral control characteristics and dihedral effect of a wing-body combination with a variable incidence triangular wing and wing-tip ailerons at a Mach number of 1.52	Scherrer, Richard; DENNIS DAVID H	10-Jan-51	19930086272	NACA-RM-A50H10
Heat-transfer and boundary-layer transition on a heated 20 degree cone at a Mach number of 1.53	Scherrer, Richard; Gowen, Forrest R; Wimbrow, William R	10-Jan-49	19930085534	NACA-RM-A8L28
Effect of diameter of closed-end coolant passages on natural-convection water cooling of gas-turbine blades	Curren, Arthur N; Zalabak, Charles F	24-Jan-56	19930089932	NACA-RM-E55J18a
Investigation of three tapered 45 degree sweptback cambered and twisted wings covering a simultaneous variation in aspect ratio and thickness ratio and of one related symmetrical wing at transonic speeds by the wing-flow method	Johnson, Harold I	9-Mar-53	19930087276	NACA-RM-L52H07
Comparison of calculated and experimental temperatures of water-cooled turbine blades	Schum, Eugene F; Freche, John C; Stelpflug, William J	15-Jul-52	19930087180	NACA-RM-E52D21

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Investigation at high subsonic speeds of bodies mounted from the wing of an unswept-wing-fuselage model, including measurements of body loads	Silvers, H Norman; King, Thomas J , Jr	14-Nov-52	19930087402	NACA-RM-L52J08
Theoretical and experimental wing-tip accelerations of a small flying boat during landing impacts	Savitsky, Daniel	1-Sep-48	19930082329	NACA-TN-1690
An experimental investigation of the behavior of 24S-T4 aluminum alloy subjected to repeated stresses of constant and varying amplitudes	Hardrath, Herbert F; Utley, Elmer C , Jr	1-Oct-52	19930083502	NACA-TN-2798
Additional results of an investigation at transonic speeds to determine the effects of a heated propulsive jet on the drag characteristics of a series of related afterbodies	Henry, Beverly Z JR; Cahn, Maurice S	24-Sep-56	19930089293	NACA-RM-L56G12
A compilation of summaries from NACA reports on fuels research, 1945-1952	Dipiazza, J T	5-Aug-53	19930087525	NACA-RM-53D28
Investigation of the aerodynamic characteristics in pitch and sideslip of a 45 degree swept-wing airplane configuration with various vertical locations of the wing and horizontal tail : static lateral and directional stability; Mach numbers of 1.41 a	Spearman, M Leroy; Robinson, Ross B	27-Dec-57	19930089962	NACA-RM-L57J25a
Transonic-flutter investigation of wings attached to two low-acceleration rocket-propelled vehicles	Lundstrom, Reginald R; Lauten, William T , Jr; Angle, Ellwyn E	23-Nov-48	19930085467	NACA-RM-L8I30
Preliminary studies of manned satellites : wingless configuration: nonlifting	Faget, Maxime A; Garland, Benjamine J; Buglia, James J	11-Aug-58	19930090134	NACA-RM-L58E07a
Estimation of forces and moments due to rolling for several slender-tail configurations at supersonic speeds	Bobbitt, Percy J; Malvestuto, Frank S , Jr	1-Jul-53	19930083980	NACA-TN-2955
Preliminary investigation of the loads carried by individual bolts in bolted joints	Tate, Manford B; ROSENFELD SAMUEL J	1-May-46	19930081668	NACA-TN-1051
A balsa-dust technique for air-flow visualization and its application to flow through model helicopter rotors in static thrust	Taylor, Marion K	1-Nov-50	19930082865	NACA-TN-2220
Effect of circumferential location on angle of attack performance of twin half-conical scoop-type inlets mounted symmetrically on the RM-10 body of revolution	Valerino, Alfred S; Pennington, Donald B; Vargo, Donald J	9-Sep-53	19930087597	NACA-RM-E53G09
Effect of heat treatment upon the microstructure and hardness of a wrought cobalt-base alloy stellite 21 (AMS 5385)	Clauss, F J; Weeton, J W	1-Mar-54	19930083836	NACA-TN-3107
The motions of rolling symmetrical missiles referred to a body-axis system	Nelson, Robert L	1-Nov-56	19930084513	NACA-TN-3737
The effect of various aerodynamic balances on the low-speed lateral-control and hinge-moment characteristics of a 0.20-chord partial-span outboard aileron on a wing with leading edge swept back 51.3 degrees	Hammond, Alexander D	15-Sep-52	19930087239	NACA-RM-L52G03
Analysis of the turbojet engine for propulsion of supersonic fighter airplanes / David S. Gabriel, Richard P. Krebs, E.Clinton Wilcox, Stanley L.Koutz	Gabriel, David S; Krebs, Richard P; Wilcox, E Clinton; Koutz, Stanley L	26-Oct-53	19930087143	NACA-RM-E52F17
Method for calculating effects of dissociation on flow variables in the relaxation zone behind normal shock waves	Evans, John, S	1-Dec-56	19930084661	NACA-TN-3860

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Preliminary investigation of the effects of heat transfer on boundary-layer transition on a parabolic body of revolution (NACA RM-10) at a Mach number of 1.61	Czarnecki, K R; Sinclair, Archibald R	1-Apr-54	19930083905	NACA-TN-3165
Handling qualities of high-speed airplanes	Williams, W C; Crossfield, A S	28-Jan-52	19930087005	NACA-RM-L52A08
Effects of compressor interstage bleed and adjustable inlet guide vanes on compressor stall characteristics of a high-pressure-ratio turbojet engine at altitude	Mallett, William E; Groesbeck, Donald E	17-Jan-56	19930088898	NACA-RM-E55G27
Pressure distributions on triangular and rectangular wings to high angles of attack Mach numbers 1.45 and 1.97	Kaattari, George E	25-Jun-54	19930088244	NACA-RM-A54D19
A device for measuring sonic velocity and compressor Mach number	Huber, Paul W; Kantrowitz, Arthur	1-Jul-48	19930082287	NACA-TN-1664
Investigation of an axial-flow-compressor rotor with circular-arc blades operating up to a rotor-inlet relative Mach number of 1.22	Robbins, William H; Glaser, Frederick W	3-Jul-53	19930087507	NACA-RM-E53D24
Damping in pitch of low-aspect-ratio wings at subsonic and supersonic speeds	Tobak, Murray	8-Apr-53	19930087459	NACA-RM-A52L04a
Experimental and theoretical investigation of rotating-stall characteristics of single-stage axial-flow compressor with hub-tip ratio of 0.76	Graham, Robert W; Prian, Vasily D	30-Nov-53	19930089092	NACA-RM-E53I09
Calculation of the aerodynamic loading of flexible wings of arbitrary plan form and stiffness	Diederich, Franklin W	24-Dec-48	19930085507	NACA-RM-L8G27a
Free-flight skin-temperature and surface-pressure measurements on a highly polished nose having a 100 degree total-angle cone and a 10 degree half-angle conical flare section up to a Mach number of 4.08	Rashis, Bernard; Bond, Aleck C	23-Aug-57	19930089832	NACA-RM-L57G30
Analytical and experimental investigation of thrust augmentation of axial- and centrifugal-compressor turbojet engines by injection of water and alcohol in combustion chambers	Gabriel, David S; Dowman, Harry W; Jones, William L	13-Apr-50	19930085365	NACA-RM-E9K29
Low-pressure performance of different diameter experimental combustor liners	Dittrich, Ralph T	19-Feb-54	19930088047	NACA-RM-E53L16a
Effects of extreme surface cooling on boundary-layer transition	Jack, John R; Wisniewski, Richard J; Diaconis, N S	1-Oct-57	19930084811	NACA-TN-4094
Methods for determining frequency response of engines and control systems from transient data	Laverne, Melvin E; Boksenbom, Aaron S	1-Aug-49	19930082828	NACA-TN-1935
Calculated performance of 12-cylinder liquid-cooled engine with exhaust-gas turbine geared to crankshaft	Desmon, Leland G; Doyle, Ronald B	1-Jun-48	19930082250	NACA-TN-1602
Effect of inlet oxygen concentration on combustion efficiency of J33 single combustor operating with gaseous propane	Graves, Charles C	31-Mar-53	19930087570	NACA-RM-E53A27
A comparative study of weights and sizes of flat-plate exhaust-gas-to-air heat exchangers with and without fins	Tendeland, Thorval; Steinmetz, Charles P	1-Jul-47	19930081997	NACA-TN-1312
Turbulent convective heat-transfer coefficients measured from flight tests of four research models (NACA RM-10) at Mach numbers from 1.0 to 3.6	Chauvin, Leo T; Maloney, Joseph P	11-Mar-55	19930088590	NACA-RM-L54L15

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Effects of external stores on the static longitudinal aerodynamic characteristics of a model of a 45 degree swept-wing fighter airplane at Mach numbers of 1.61 and 2.01	Foster, Gerald V; Driver, Cornelius	23-Aug-56	19930089317	NACA-RM-L56F15a
Effects of wing position and fuselage size on the low-speed static and rolling stability characteristics of a delta-wing model	Goodman, Alex; Thomas, David F , Jr	1-Feb-54	19930083775	NACA-TN-3063
Observations of icing conditions encountered in flight during 1948	Lewis, William; Hoecker, Walter H , Jr	1-Jun-49	19930082583	NACA-TN-1904
Investigation of spoiler-slot-deflector ailerons and other spoiler ailerons on a 45 degree sweptback-wing--fuselage combination at Mach numbers from 0.60 to 1.03	West, F E; Whitcomb, Charles F; Schmeer, James W	11-Sep-56	19930090202	NACA-RM-L56F15
Measurements of aerodynamic characteristics of a 35 degrees sweptback NACA 65-009 airfoil model with 1/4-chord horn-balanced flap by the NACA wing-flow method	Johnson, Harold I; Brown, B Porter	18-Apr-49	19930085840	NACA-RM-L9B23a
A biharmonic relaxation method for calculating thermal stress in cooled irregular cylinders	Holms, Arthur G	1-Aug-51	19930083053	NACA-TN-2434
Pressure distributions and aerodynamic characteristics of several spoiler-type controls on a trapezoidal wing at Mach numbers of 1.61 and 2.01	Lord, Douglas R; Czarnecki, K R	26-Jul-56	19930089414	NACA-RM-L56E22
Analysis of wing loads on a flexible swept-wing jet bomber during push-pull maneuvers	Gainer, Patrick A; Harper, Paul W	23-Jul-57	19930089732	NACA-RM-L57E28
An experimental investigation of a jet-engine nacelle in several positions on a 37.25 degree swept-back wing	Dannenberg, Robert E; Blackaby, James R	19-Apr-50	19930086132	NACA-RM-A50A13
On internal damping of rotating beams	Morduchow, Morris	1-Dec-49	19930082711	NACA-TN-1996
Design considerations for mixed-flow centrifugal compressors with high weight-flow rates per unit frontal area	Stanitz, John D	5-Mar-53	19930087501	NACA-RM-E53A15
Estimate of slip effect on compressible laminar-boundary-layer skin friction	Mirels, Harold	1-Jan-52	19930083359	NACA-TN-2609
Effect of temperatures from -70 to 600 F on strength of adhesive-bonded lap shear specimens of clad 24S-T3 Aluminum alloy and of cotton-and glass-fabric plastic laminates	Eichner, H W; Olson, W Z; Blomquist, R F	1-Jun-52	19930083314	NACA-TN-2717
A low-speed experimental study of the directional characteristics of a sharp-nosed fuselage through a large angle-of-attack range at zero angle of sideslip	Letko, William	1-Mar-53	19930083617	NACA-TN-2911
Investigation at supersonic speeds of the variation with Reynolds number and Mach number of the total, base, and skin-friction drag of seven boattail bodies of revolution designed for minimum wave drag	Bromm, August F , Jr; Goodwin, Julia M	1-Dec-53	19930093738	NACA-RM-L53I29b
Heat transfer and skin friction for turbulent boundary layers on heated or cooled surfaces at high speeds	Donaldson, Coleman Dup	2-Oct-52	19930087549	NACA-RM-L52H04
Comparison of performance of AN-F-58 and AN-F-32 fuels in J33-A-23 turbojet engine	Armstrong, J C; Wilsted, H D	2-Jun-49	19930085819	NACA-RM-E8K24

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An exploratory investigation of the relative merits of split and chord-extension flaps on a 45 degrees swept-back wing	Hopkins, Edward J	27-May-48	19930085344	NACA-RM-A8A16
Aircraft-Fuel-Tank Design for Liquid Hydrogen	Reynolds, T W	9-Aug-55	19930088877	NACA-RM-E55F22
Performance of several air ejectors with conical mixing sections and small secondary flow rates	Huddleston, S C; Wilsted, H D; Ellis, C W	19-Jul-48	19930085446	NACA-RM-E8D23
A comparison of predicted and experimentally determined longitudinal dynamic responses of a stabilized airplane	Smaus, Louis, H; Gore, Marvin R; Waugh, Merle G	1-Dec-51	19930083338	NACA-TN-2578
Calculation of aerodynamic forces on a propeller in pitch or yaw	Crigler, John L; Gilman, Jean, Jr	15-Feb-49	19930085544	NACA-RM-L8K26
Analysis of fully developed turbulent heat transfer at low Peclet numbers in smooth tubes with application to liquid metals	Deissler, Robert G	11-Aug-52	19930087100	NACA-RM-E52F05
Accelerations in fighter-airplane crashes	Acker, Loren W; Black, Duglad O; Moser, Jacob C	4-Nov-57	19930089775	NACA-RM-E57G11
On the second-order tunnel-wall-constriction corrections in two-dimensional compressible flow	Klunker, E Bernard; Harder, Keith C	1-Apr-51	19930083024	NACA-TN-2350
Extension of boundary-layer heat-transfer theory to cooled turbine blades	Brown, W Byron; Donoughe, Patrick L	11-Aug-50	19930086192	NACA-RM-E50F02
A flight and analog study of the effect of elevating the radar-boresight axis upon stability and tracking performance of an automatically controlled interceptor	Cheatham, Donald C; Mathews, Charles W	16-Oct-57	19930089818	NACA-RM-L57G24
Analytical investigation of fully developed laminar flow in tubes with heat transfer with fluid properties variable along the radius	Deissler, Robert G	1-Jul-51	19930088965	NACA-TN-2410
Experimental investigation of attenuation of strong shock waves in a shock tube with hydrogen and helium as driver gases	Jones, Jim J	1-Jul-57	19930085055	NACA-TN-4072
Preliminary investigation of corrosion by molten sodium hydroxide flowing in tubes of AISI 347 stainless steel, Inconel, and nickel having average outer-wall temperatures of 1500 F and a circumferential temperature gradient of 20 F	Mosher, Don R; Desmon, Leland G	1-Mar-52	19930087130	NACA-RM-E51J16
Impact-loads investigation of chine-immersed models having concave-convex transverse shape and straight or curved keel lines	Edge, Philip M , Jr	1-Feb-57	19930085009	NACA-TN-3940
Effect of lubricant base stock on rolling-contact fatigue life	Carter, Thomas L	1-Feb-58	19930084981	NACA-TN-4161
Analytical relation for wake momentum thickness and diffusion ratio for low-speed compressor	Lieblein, Seymour	1-Aug-58	19930085111	NACA-TN-4318
The flow of gases in narrow channels	Rasmussen, R E H	1-Aug-51	19930093929	NACA-TM-1301
Simplified method for estimating compressible laminar heat transfer with pressure gradient	Reshotko, Eli	1-Dec-56	19930084737	NACA-TN-3888
Experimental investigation of the effect of yaw on rates of heat transfer to transverse circular cylinders in a 6500-foot-per-second hypersonic air stream	Cunningham, Bernard E; Kraus, Samuel	26-Aug-58	19930090174	NACA-RM-A58E19
The synthesis of methylenecyclobutane, spiropentane, and 2-methyl-1-butene from pentaerythrityl tetrabromide	Slabey, Vernon A	1-Feb-46	19930081859	NACA-TN-1023

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One-dimensional compressible flow in vaneless diffusers of radial- and mixed-flow centrifugal compressors, including effects of friction, heat transfer and area change	Stanitz, John D	1-Jan-52	19930083365	NACA-TN-2610
Resistance of various materials to attack by molten bismuth-lead eutectic at elevated temperatures	Gangler, James J; Engel, Walter J	26-Sep-51	19930090385	NACA-RM-E51F21
Some measurements and power spectra of runway roughness	Walls, James H; Houbolt, John C; Press, Harry	1-Nov-54	19930084048	NACA-TN-3305
Solutions for hydrodynamic impact force and response of a two-mass system with an application to an elastic airframe	Mayo, Wilbur L	1-Aug-47	19930082342	NACA-TN-1398
Review of Experimental Investigations of Liquid-Metal Heat Transfer	Lubarsky, Bernard; Kaufman, Samuel J	1-Mar-55	19930084144	NACA-TN-3336
The influence of very heavy fuselage mass loadings and long nose lengths upon oscillations in the spin	Stone, Ralph W , Jr; Klinar, Walter J	1-Jan-48	19930082194	NACA-TN-1510
A method for predicting the stability in roll of automatically controlled aircraft based on the experimental determination of the characteristics of an automatic pilot	Jones, Robert T; Sternfield, Leonard	17-Jan-47	19930085643	NACA-RM-L6K12
Free-flight performance of 16-inch-diameter supersonic ram-jet units I : four units designed for combustion-chamber-inlet Mach number of 0.12 at free-stream Mach number of 1.6 (units A-2, A-3, A-4, and A-5)	Carlton, William W; Messing, Wesley E	22-Sep-49	19930085911	NACA-RM-E9F22
A reexamination of the use of simple concepts for predicting the shape and location of detached shock waves	Love, Eugene S	1-Dec-57	19930085019	NACA-TN-4170
Minimum-drag ducted and pointed bodies of revolution based on linearized supersonic theory	Parker, Hermon M	1-May-54	19930083990	NACA-TN-3189
Experimental investigation of turbojet-engine multiple-loop controls for non-afterburning and afterburning modes of engine operation	Kirsch, Donald B; Wenzel, Leon M; Hart, Clint E	1-Jan-58	19930084973	NACA-TN-4159
Flight investigation of the effects of a partial-span leading-edge chord extension on the aerodynamic characteristics of a 35 degree swept-wing fighter airplane	Van Dyke, Rudolph D , Jr; Matteson, Frederick H	23-Apr-54	19930088164	NACA-RM-A54B26
A horizontal-tail arrangement for counteracting static longitudinal instability of sweptback wings	Edwards, George G; Savage, Howard F	25-May-56	19930090340	NACA-RM-A56D06
Effect of mechanically induced sinusoidal air-foil oscillations on operation of a ram-jet engine	Dangle, E E; Cervenka, A J; Perchonok, Eugene	16-Jun-54	19930090530	NACA-RM-E54D01
Measurement and analysis of turbulent flow containing periodic flow fluctuations	Mickelsen, William R; Laurence, James C	19-Aug-53	19930087726	NACA-RM-E53F19
Low tire friction and cornering forces on a wet surface	Harrin, Eziaslav N	1-Sep-58	19930085259	NACA-TN-4406
Preliminary heat-transfer studies on two bodies of revolution at angle of attack at a Mach number of 3.12	Sands, Norman; Jack, John R	1-Sep-58	19930085308	NACA-TN-4378

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Component performance investigation of J71 experimental turbine VIII : effect of first-stator adjustment; internal flow conditions of J71-97 turbine with 70-percent-design stator area	Petrash, Donald A; Schum, Harold J; Davison, Elmer H	14-Sep-56	19930089528	NACA-RM-E56I13
Pilot's loss of orientation in inverted spins	Scher, Stanley H	1-Oct-55	19930084237	NACA-TN-3531
Component tests to determine the aerodynamic characteristics of an all-moveable 70 degree delta canard-type control in the presence of a body at a Mach number of 1.61	Spearman, M Leroy	9-Oct-53	19930087911	NACA-RM-L53I03
Two-dimensional transonic investigation of flows and forces on a 9-percent-thick airfoil with 30-percent-chord flap	Lindsey, Walter F; Pitts, Robert G	19-Feb-57	19930089687	NACA-RM-L56L11
Aerodynamic characteristics at a Mach number of 1.41 of a model of a Convair F-102 airplane equipped with an extended contoured afterbody, cambered wing leading edge, and reflected wing-tip trailing edge	Spearman, M Leroy; Hughes, William C	29-Oct-54	19930088449	NACA-RM-SL54J26
The rolling moment due to sideslip of triangular, trapezoidal, and related plan forms in supersonic flow	Jones, Arthur L; Spreiter, John R; Alksne, Alberta	1-Oct-48	19930082386	NACA-TN-1700
Some approximate methods for estimating the effects of aeroelastic bending of rocket-propelled model-booster combinations	Arbic, Richard G; White, George; Gillespie, Warren, Jr	27-Mar-53	19930089134	NACA-RM-L53A08
Investigation of operating pressure ratio of a supersonic wind tunnel utilizing distributed boundary-layer suction in test section	Cohen, C B; Valerino, A S	1-Nov-50	19930086352	NACA-RM-E50H04
Flight investigation at Mach numbers from 0.8 to 1.4 to determine the zero-lift drag of wings with 'M' and 'W' plan forms	Katz, Ellis; Marley, Edward T; Pepper, William B	18-Sep-50	19930086334	NACA-RM-L50G31
Investigation at high and low subsonic Mach numbers of two symmetrical 6-percent-thick airfoil sections designed to have high maximum lift coefficients at low speeds	Paradiso, Nicholas J	17-Oct-52	19930087269	NACA-RM-L52I02
Preliminary investigation of a family of diffusers designed for near sonic inlet velocities	Scherrer, Richard; Anderson, Warren E	1-Feb-56	19930084930	NACA-TN-3668
Equations, tables, and figures for use in the analysis of helium flow at supersonic and hypersonic speeds	Mueller, James N	1-Sep-57	19930084948	NACA-TN-4063
High-resolution autoradiography	Towe, George C; Gomberg, Henry J; Freeman, J W	1-Jul-54	19930084057	NACA-TN-3209
Approximations for the thermodynamic and transport properties of high-temperature air	Hansen, C Frederick	1-Mar-58	19930084937	NACA-TN-4150
On the theory of oscillating airfoils of finite span in subsonic compressible flow	Reissner, Eric	1-Sep-49	19930082630	NACA-TN-1953
Characteristics of a 15-percent-chord and a 35-percent-chord plain flap on the NACA 0006 airfoil section at high subsonic speeds	Ilk, Richard J	2-Oct-47	19930085692	NACA-RM-A7H19
Measurement of heat transfer in the turbulent boundary layer on a flat plate in a supersonic flow and comparison with skin friction results	Pappas, C C	1-Jun-54	19930084126	NACA-TN-3222
Aerodynamic characteristics of a two-blade NACA 10-(3)(08)-03R propeller	Evans, Albert J; Salters, Leland B , Jr	2-Sep-48	19930090375	NACA-RM-L8E24

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Elastic buckling of a simply supported plate under a compressive stress that varies linearly in the direction of loading	Libove, Charles; Ferdman, Saul; Reusch, John J	1-Jun-49	19930082569	NACA-TN-1891
Dynamic model investigation of two tail-sitter vertically rising airplanes to determine the altitude required to approach normal flight conditions under power failure in hovering flight	Kliner, Walter J; Wilkes, L Faye	9-Nov-56	19930089622	NACA-RM-L56H29a
Experimental determination of the aerodynamic derivatives arising from acceleration in sideslip for a triangular, a swept, and an unswept wing	Riley, Donald R; Bird, John D; Fisher, Lewis R	30-Mar-55	19930088615	NACA-RM-L55A07
Aerodynamic load measurements and opening characteristics of automatic leading-edge slats on a 45 degree sweptback wing at transonic speeds	Arabian, Donald D; Reid, Charles F , Jr; Runckel, Jack F	7-Apr-54	19930088300	NACA-RM-L53I30
Theoretical supersonic lift and drag characteristics of symmetrical wedge-shape-airfoil sections as affected by sweepback outside the Mach cone	Ivey, H Reese; Bowen, Edward N , Jr	1-Mar-47	19930081841	NACA-TN-1226
Effects of nose angle and Mach number on transition on cones at supersonic speeds	Czarnecki, K R; Jackson, Mary W	1-Sep-58	19930085290	NACA-TN-4388
Slowing-down distribution to indium resonance of neutrons from a Ra-alpha-Be source in water-iron mixtures	Fieno, Daniel	1-Nov-54	19930088366	NACA-RM-E54H04
Exploratory investigation of the low-speed static stability of a configuration employing three identical triangular wing panels and a body of equal length	Delany, Noel K	29-Apr-55	19930090322	NACA-RM-A55C28
Approximate calculation of the compressible turbulent boundary layer with heat transfer and arbitrary pressure gradient	Reshotko, Eli; Tucker, Maurice	1-Dec-57	19930084955	NACA-TN-4154
An analytical investigation of the gust-alleviating properties of a simple pitch damper	Crabill, Norman L	1-Dec-57	19930085037	NACA-TN-4173
A theoretical and experimental study of planing surfaces including effects of cross section and plan form	Shuford, Charles L , Jr	1-Mar-57	19930084991	NACA-TN-3939
Some effects of vanes and of turbulence in two-dimensional wide-angle subsonic diffusers	Moore, Carl A , Jr; Kline, Stephen J	1-Jun-58	19930085093	NACA-TN-4080
Torsion and bending of prismatic rods of hollow rectangular section	Abramyan, B L	1-Nov-51	19930093911	NACA-TM-1319
External-store drag reduction at transonic and low supersonic Mach numbers by application of Baldwin's moment-of-area rule	Levy, Lionel L JR; Dickey, Robert R	5-Mar-56	19930089003	NACA-RM-A55L14a
Preliminary Theoretical and Flight Investigation of the Lateral Oscillation of the X-1 Airplane	Drake, Hubert M; Wall, Helen L	12-Aug-49	19930086064	NACA-RM-L9F07
Effect of some section modifications and protuberances on the zero-lift drag of delta wings at transonic and supersonic speeds	Stoney, William E; Sandahl, Carl A	18-Feb-54	19930088058	NACA-RM-L53L24a
High-speed wind-tunnel investigation of the effects of compressibility on a pitot-static tube	Stivers, Louis S , Jr; Adams, Charles N , Jr	4-Aug-47	19930085661	NACA-RM-A7F12
Aerodynamic characteristics of damping screens	Schubauer, G B; Spangenberg, W G; Klebanoff, P S	1-Jan-50	19930082665	NACA-TN-2001
Some aspects of the design of hypersonic boost-glide aircraft	Seiff, Alvin; Allen, H Julian	15-Aug-55	19930088231	NACA-RM-A55E26

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Flow separation ahead of blunt bodies at supersonic speeds	Moeckel, Wolfgang E	1-Jul-51	19930083006	NACA-TN-2418
Investigation of a pulse-jet-powered helicopter rotor on the Langley helicopter test tower	Radin, Dward J; Carpenter, Paul J	8-Feb-54	19930088070	NACA-RM-L53L15
Application of response function to calculation of flutter characteristics of a wing carrying concentrated masses	Serbin, H; Costilow, E L	1-Nov-51	19930083433	NACA-TN-2540
Wind-tunnel investigation of the effects of geometric dihedral on the aerodynamic characteristics in pitch and sideslip of an unswept- and a 45 degree sweptback-wing-fuselage combination at high subsonic speeds	Kuhn, Richard E; Draper, John W	29-Jul-53	19930087738	NACA-RM-L53F09
Investigation of wing-tip ailerons on a 51.3 degrees sweptback wing at transonic speeds by the transonic-bump method	Moseley, William C , Jr; Watson, James M	26-Nov-51	19930086935	NACA-RM-L51H27
Analytical and experimental investigation of the effects of compressor interstage air bleed on performance characteristics of a 13-stage axial-flow compressor	Lucas, James G; Geye, Richard P; Calvert, Howard F	8-Feb-57	19930089546	NACA-RM-E56J24
Effect of a nacelle on the low-speed aerodynamic characteristics of a swept-back wing	Hanson, Frederick H , Jr; Dannenberg, Robert E	21-Jul-48	19930085372	NACA-RM-A8E12
On boattail bodies revolution having minimum wave drag	Harder, Keith C; Rennemann, Conrad, Jr	1-Aug-55	19930084271	NACA-TN-3478
Preliminary investigation of wear and friction properties under sliding conditions of materials suitable for cages of rolling-contact bearings	Johnson, Robert L; Swikert, Max A; Bisson, Edmond E	1-Jun-51	19930083320	NACA-TN-2384
An investigation of the hydrodynamic characteristics of a dynamic model of a transonic seaplane design having a planing-tail hull	Morse, Archibald E , Jr; Woodward, David R; Blanchard, Ulysse J	19-Jun-56	19930089354	NACA-RM-L56C28a
Investigation of the Aerodynamic and Icing Characteristics of a Recessed Fuel Cell Vent Assembly. I: Rear Wall Vent Tube Mounting	Ruggeri, Robert S	29-Mar-48	19930085326	NACA-RM-E8A27b
Investigation of effect of increased diffusion of rotor-blade suction-surface velocity on performance of transonic turbine	Wong, Robert Y; Monroe, Danial E; Wintucky, William T	24-Aug-54	19930088198	NACA-RM-E54F03
Ideal temperature rise due to constant-pressure combustion of a JP-4 fuel	Huntley, S C	27-Sep-55	19930093759	NACA-RM-E55G27a
Spontaneous ignition temperatures of pure hydrocarbons and commercial fluids	Jackson, Joseph L	20-Dec-50	19930086570	NACA-RM-E50J10
Effect of the tunnel-wall boundary layer on test results of a wing protruding from a tunnel wall	Mendelsohn, Robert A; Polhamus, Josephine F	1-Apr-47	19930081877	NACA-TN-1244
Some experimental studies of panel flutter at Mach number 1.3	Sylvester, Maurice A; Baker, John E	1-Feb-57	19930084834	NACA-TN-3914
Wind-tunnel investigation of the effects of lip geometry on drag and pressure recovery of a normal-shock nose inlet on a body of revolution at Mach numbers of 1.41 and 1.81	Robins, A Warner	3-Feb-58	19930090403	NACA-RM-L57K08
A comparison of carrier approach speeds as determined from flight tests and from pilot-operated simulator studies	Drinkwater, Fred J , III; White, Maurice D	19-Jun-57	19930089921	NACA-RM-A57D30
Experimental investigation of an 0.8 hub-tip radius-ratio,nontwisted-rotor-blade turbine	Silvern, David H; Slivka, William R	12-Dec-51	19930086848	NACA-RM-E51G14
Theoretical pressure distribution and wave drags for conical boattails	Jack, John R	1-Jul-53	19930083638	NACA-TN-2972

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Some measurements of atmosphere turbulence obtained from flow-direction vanes mounted on an airplane	Chilton, Robert G	1-Nov-54	19930084066	NACA-TN-3313
Infiltration of titanium carbide with several metals	Gurnick, Raymond S; Cooper, Anthony L	23-Jul-52	19930087221	NACA-RM-E52E27
Comparison of the experimental and theoretical distributions of lift on a slender inclined body of revolution at $M = 2$	Perkins, Edward W; Kuehn, Donald M	1-May-56	19930084495	NACA-TN-3715
Velocity distributions measured in the slipstream of eight-blade and six-blade dual-rotating propellers at zero advance	Salters, Leland B , Jr	21-Jun-55	19930088673	NACA-RM-L55D21
Effect of normal pressure on strength of axially loaded sheet-stringer panels	Mcperson, A E; Levy, Samuel; Zibritosky, George	1-Jul-46	19930082034	NACA-TN-1041
Comparison of the aerodynamic characteristics at transonic speeds of a plane wing and a cambered and twisted wing, both having 45 degrees of sweepback and an aspect ratio of 6	Holdaway, George H	5-May-53	19930087795	NACA-RM-A53B16
Supersonic-area-rule design and rocket-propelled flight investigation of a zero-lift straight-wing-body-nacelle configuration between Mach numbers 0.8 and 1.53	Hoffman, Sherwood	26-Apr-56	19930089180	NACA-RM-L56B27
Wind-tunnel investigation of a ram-jet canard missile model having a wing and canard surfaces of delta plan form with 70 degree swept leading edges : longitudinal and lateral stability and control characteristics at a Mach number of 1.60	Spearman, M Leroy; Robinson, Ross B	1-Aug-52	19930087863	NACA-RM-L52E15
A Second-Order Shock-Expansion Method Applicable to Bodies of Revolution near Zero Lift	Syvertson, Clarence A; Dennis, David H	1-Jan-56	19930084226	NACA-TN-3527
The low-speed lift and drag characteristics of a series of airplane models having triangular or modified triangular wings	Graham, David	15-Jun-53	19930087835	NACA-RM-A53D14
Investigation of performance of typical inlet stage of multistage axial-flow compressor	Burt, Jack R	18-Jul-49	19930085982	NACA-RM-E9E13
Experimental investigation of the oscillating forces and moments on a two-dimensional wing equipped with an oscillating circular-arc spoiler	Clevenson, Sherman A; Tomassoni, John E	12-Jan-54	19930087955	NACA-RM-L53K18
Effect of jet-nozzle-expansion ratio on drag of parabolic afterbodies	Englert, Gerald W; Vargo, Donald J; Cubbison, Robert W	19-Apr-54	19930088172	NACA-RM-E54B12
Investigation of a diffraction-grating interferometer for use in aerodynamic research	Sterrett, James , Jr; Erwin, John R	1-Nov-52	19930083490	NACA-TN-2827
Critical axial-compressive stress of a curved rectangular panel with a central chordwise stiffener	Batdorf, S B; Schildcrout, Murry	1-Jul-48	19930082278	NACA-TN-1661
A flat wing with sharp edges in a supersonic stream	Donov, A E	1-Mar-56	19930093836	NACA-TM-1394
Elastic and plastic buckling of simply supported metalite type sandwich plates in compression	Seide, Paul; Stowell, Elbridge Z	1-Feb-49	19930083223	NACA-TN-1822

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Transonic wind-tunnel investigation of the interference between a 45 degree sweptback wing and systematic series of four bodies	Loving, Donald L; Wornom, Dewey E	20-Nov-52	19930087341	NACA-RM-L52J01
Free-jet performance of XRJ43-MA ram-jet engine at simulated flight Mach number of 2.35	Koffel, William K; Farley, John M; Prince, William R	18-May-55	19930088811	NACA-RM-E55E12
Effects of free-stream Reynolds number, engine installation, and model scale on stability characteristics of a translating-spike inlet at Mach 2.0	Musial, Norman T; Bowditch, David	13-Nov-57	19930089745	NACA-RM-E57D17
Analysis of rocket, ram-jet, and turbojet engines for supersonic propulsion of long-range missiles I : rocket-engine performance	Kerrebrock, Jack; Huff, Vearl N	9-Jul-54	19930088292	NACA-RM-E54F22a
Low-velocity turning as a means of minimizing boundary-layer accumulations resulting from secondary flows within turbine stators	Stewart, Warner L; Wong, Robert Y	11-May-54	19930088107	NACA-RM-E54B16
Preliminary investigation of effects of combustion in ram jet on performance of supersonic diffusers III : normal-shock diffuser	Schroeder, Albert H; Connors, James F	22-Dec-48	19930090348	NACA-RM-E8J18
Pilot escape from spinning airplanes as determined from free-spinning-tunnel tests	Scher, Stanley H	9-Sep-48	19930085358	NACA-RM-L8D28
Low-speed wind-tunnel results for a thin aspect-ratio-1.85 pointed-wing-fuselage model with double slotted flaps	Brown, Albert E	27-Jul-56	19930089347	NACA-RM-L56D03
Performance of supersonic ramp-type side inlet with combinations of fuselage and inlet throat boundary-layer removal	Campbell, Robert C	25-Apr-56	19930089340	NACA-RM-E56A17
Influence of rotor-engine torsional oscillation on control of gas-turbine engine geared to helicopter rotor	Sanders, John C	1-Oct-53	19930083827	NACA-TN-3027
Acoustic radiation from two-dimensional rectangular cutouts in aerodynamic surfaces	Krishnamurty, K	1-Aug-55	19930084329	NACA-TN-3487
Lift, drag, and pitching moment of low-aspect-ratio wings at subsonic and supersonic speeds : an investigation at large Reynolds numbers of the low-speed characteristics of several wing-body combinations	Smith, Donald W; Shibata, Harry H; Selan, Ralph	15-Feb-52	19930087999	NACA-RM-A51K28
A method for studying the transient blade-flapping behavior of lifting rotors at extreme operating conditions	Crim, Almer D; Gessow, Alfred	1-Jan-55	19930084551	NACA-TN-3366
Flight characteristics of a wingless rocket-powered model with four externally mounted air-to-air missiles at Mach numbers from 0.7 to 1.6	Henning, Allen B; Brown, Clarence A , Jr	25-Jan-55	19930088509	NACA-RM-L54K17a
Theoretical analysis of the motions of an aircraft stabilized in roll by a displacement-response, flicker-type automatic pilot	Curfman, Howard J , Jr; Gardner, William N	7-Jul-48	19930085430	NACA-RM-L8D19
Investigation of spontaneous ignition temperatures of organic compounds with particular emphasis on lubricants	Frank, Charles E; Blackham, Angus U; Swarts, Donald E	1-Dec-52	19930083560	NACA-TN-2848
Analysis of Effect of Rolling Pull-Outs on Wing and Aileron Loads of a Fighter Airplane	Pearson, Henry A.; Aiken, William S.	1-Mar-46	19930092725	NACA-WR-L-270

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An experimental investigation of the design variables for NACA submerged duct entrances	Mossman, Emmet A; Randall, Lauros M	8-Jan-48	19930093809	NACA-RM-A7I30
An investigation of the effect of vertical-fin location and area on low-speed lateral stability derivatives of a semitailless airplane model	Fisher, Lewis R; Michael, William H , Jr	7-Mar-51	19930086584	NACA-RM-L51A10
Qualitative measurements of relative flap effectiveness at transonic speeds on a series of five thin airfoils with 25-percent-chord flaps and various amounts of sweepback	Crane, Harold L; Mclaughlin, Milton D	17-May-48	19930085386	NACA-RM-L8A22
Effect of horizontal-tail position on the hinge moments of an unbalanced rudder in attitudes simulating spin conditions	Stone, Ralph W , Jr; Burk, Sanger M , Jr	1-Jun-47	19930081964	NACA-TN-1337
Static longitudinal stability and control of a convertible-type airplane as affected by articulated-and rigid-propeller operation	Lange, Roy H; Mclemore, Huel C	1-Feb-50	19930082674	NACA-TN-2014
Preliminary experimental investigation of effects of aerodynamic shape of concentrated weights on flutter of a straight cantilever wing	Sewall, John L; Woolston, Donald S	18-Jul-49	19930085992	NACA-RM-L9E17
Analysis of a pressure-jet power plant for helicopter	Krebs, Richard P; Miller, William S , Jr	28-Mar-55	19930088535	NACA-RM-E54L23
Experimental investigation of air-flow uniformity and pressure level on wire cloth for transpiration-cooling applications	Donoughe, Patrick L; Mckinnon, Roy A	1-Jan-56	19930084436	NACA-TN-3652
Theoretical method for solution of aerodynamic forces on thin wings in nonuniform supersonic stream with an application to tail surfaces	Mirels, Harold	1-Nov-48	19930082432	NACA-TN-1736
Investigation of a continuous normal-shock positioning control for a translating-spike supersonic inlet in combination with J34 turbojet engine	Wilcox, Fred A	2-Oct-57	19930089790	NACA-RM-E57G16
Estimation of specific surface of finely divided magnesium	Pinns, Murray L	20-Aug-56	19930089305	NACA-RM-E56D10a
Analytical comparison of a standard turbojet engine, a turbojet engine with a tail-pipe burner, and a ram-jet engine	Krebs, Richard P; Palasics, John	10-Feb-47	19930085764	NACA-RM-E6L11
Investigation of Ejection Release Characteristics of Bluff TX-28 and Turnabout TX-28 Stores from a 1/17-Scale Simulated Bomb Bay of the Republic F-105 Airplane at Mach Numbers of 1.39 and 1.98	Lee, John B	5-Feb-57	19930089557	NACA-RM-SL57B05
Generalized master curves for creep and rupture	Heimerl, George J; Mcevily, Arthur J , Jr	1-Oct-57	19930084875	NACA-TN-4112
Longitudinal characteristics at Mach Number of 1.24 of 1/30-scale semispan model of Bell X-5 variable-sweep airplane with wing swept back 60 degrees : from tests by NACA wing-flow method	Silsby, Norman S; Morris, Garland J; Kennedy, Robert M	12-Oct-50	19930086179	NACA-RM-L50E02a
Flight-test measurements of aileron control surface behavior at super critical Mach numbers	Brown, Harvey H; Rathert, George A , Jr; Clousing, Lawrence A	23-Apr-47	19930085598	NACA-RM-A7A15
Altitude performance of AN-F-58 fuels in J33-A-21 single combustor	Dittrich, Ralph, T; Jackson, Joseph L	8-Apr-49	19930085528	NACA-RM-E8L24
Ditching tests of a 1/8-scale model of the Navy SB2C-1 airplane (Army A-25) in Langley tank number 2 and on an outdoor catapult	Kolbe, Carl D	1-Jan-46	19930093661	NACA-WR-L-622, NACA-MR-L5L07

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A correlation by means of transonic similarity rules of the experimentally determined characteristics of 18 cambered wings of rectangular plan form	Mcdevitt, John B	28-Sep-53	19930087829	NACA-RM-A53G31
The effect of canopy location on the aerodynamic characteristics of a sweptback wing-body configuration at transonic speeds	Robinson, Harold L	25-Jun-54	19930088101	NACA-RM-L54E11
Low-speed measurements of rolling and yawing stability derivatives of a 60 degree delta-wing model	Johnson, Joseph, Jr	27-Dec-54	19930088503	NACA-RM-L54G27
Limited measurements of static longitudinal stability in flight of Douglas D-558-1 airplane (BuAero No. 37971)	Williams, Walter C	24-Jun-48	19930085380	NACA-RM-L8E14
Exploratory investigation at high and low subsonic Mach numbers of two experimental 6-percent-thick airfoil sections designed to have high maximum lift coefficients	Loftin, Laurence K , Jr; Von Doenhoff, Albert E	14-Dec-51	19930090593	NACA-RM-L51F06
Preliminary investigation of the effects of altitude and inlet-pressure distortions on steady-state and surge fuel flow of the J57-P-1 turbojet engine	Lubick, Robert J; Meyer, William R; Wallner, Lewis E	21-Jan-55	19930088600	NACA-RM-SE55A06
Effect of fuel volatility characteristics on ignition-energy requirements in a turbojet combustor	Foster, Hampton H; Straight, David M	13-Jan-53	19930090599	NACA-RM-E52J21
Compressible flow tables for air	Burcher, Marie A	1-Aug-48	19930082242	NACA-TN-1592
Bearing strengths of some aluminum-alloy rolled and extruded sections	Moore, R L	1-Sep-48	19930082186	NACA-TN-1503
Investigation of the low-speed aerodynamic characteristics of a variable-sweep airplane model with a twisted and cambered wing	Becht, Robert E; Few, Albert G , Jr; Kemp, William B , Jr	1-Feb-52	19930087903	NACA-RM-L51K22
Influence of wall boundary layer upon the performance of an axial-flow fan rotor	Boxer, Emanuel	19-May-47	19930093801	NACA-RM-L6J18b
Experimental investigation of a 16-inch impulse-type supersonic-compressor rotor	Ullman, Guy N; Hartmann, Melvin J; Tysl, Edward R	5-Oct-51	19930090538	NACA-RM-E51G19
Altitude performance of J65-W-4B turbojet engine at Reynolds number indices from 1.0 to 0.1	Wanhainen, John P; Sivo, Joseph N; Mcauley, John E	24-Sep-56	19930089503	NACA-RM-E56I06a
Altitude free-jet investigation of dynamics of a 28-inch-diameter ram-jet engine	Wentworth, Carl B; Dunbar, William R; Crawl, Robert J	15-Jan-57	19930089245	NACA-RM-E56F28b
Pressure coefficients at Mach numbers from 0.60 to 0.85 for a semispan wing with NACA 0012-64 section, 20-percent-chord plain aileron, and 0 degree and 45 degree sweepback	Krumm, Walter J	19-Apr-50	19930086288	NACA-RM-A50B13
The effect of base bleed on the base pressure, lift, drag, and pitching moment of a 10-percent-thick blunt-base airfoil at a Mach number of 2.72	Jones, Jim J	25-Jan-55	19930088392	NACA-RM-L54K10
Preliminary investigation of the altitude performance of pentaborane and a pentaborane : JP-4 blend in an experimental 9.5-inch-diameter tubular combustor	Kaufman, Warner B; Branstetter, J Robert	1-Apr-57	19930086967	NACA-RM-E53J19

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Wind-tunnel investigation at low speed of effect of size and position of closed air ducts on static longitudinal and static lateral stability characteristics of unswept-midwing models having wings of aspect ratio 2, 4, and 6	Jaquet, Byron M; Williams, James L	1-Sep-55	19930084279	NACA-TN-3481
Stresses around rectangular cutouts in torsion boxes	Kuhn, Paul; Peterson, James P	1-Dec-53	19930083763	NACA-TN-3061
A method for measuring the product of inertia and the inclination of the principal longitudinal axis of inertia of an airplane	Boucher, Robert W; Rich, Drexel A; Crane, Harold L; Matheny, Cloyce E	1-Apr-54	19930083798	NACA-TN-3084
Some effects of wing fences on the lateral stability derivatives of a 60 degree delta wing oscillating continuously in yaw	Riley, Donald R	11-Jul-56	19930089369	NACA-RM-L56D13
Investigation of the ejection release of several dynamically scaled bluff internal stores at Mach numbers of 0.8, 1.39, and 1.98	Carter, Howard S; Lee, John B	26-Dec-56	19930089570	NACA-RM-L56H28
On Reflection of Shock Waves from Boundary Layers	Liepmann, H W; Roshko, A; Dhawan, S	1-Apr-51	19930082968	NACA-TN-2334
Low-speed investigation of the aerodynamic loads on the droop-nose flap of a wing with leading edge swept back 47.5 degrees and having symmetrical circular-arc airfoil sections at a Reynolds number of 4.3×10^6 (exp 6)	Whittle, Edward F , Jr; Fink, Marvin P	16-Jan-50	19930086026	NACA-RM-L9K04
Analysis of particle motions for a class of three-dimensional incompressible laminar boundary layers	Hansen, Arthur G; Herzig, Howard Z	1-Nov-56	19930084608	NACA-TN-3840
Investigation of perforated convergent-divergent diffusers with initial boundary layer	Weinstein, Maynard I	15-Aug-50	19930086241	NACA-RM-E50F12
The accuracy of the substitute-stringer approach for determining the bending frequencies of multistringers box beams	Davenport, William W	1-Apr-56	19930084388	NACA-TN-3636
Experimental steady-state yawing derivatives of a 60 degree delta-wing model as affected by changes in vertical position of the wing and in ratio of fuselage diameter to wing span	Jaquet, Byron M; Fletcher, Herman S	1-Oct-56	19930084620	NACA-TN-3843
Analytical investigation of off-design performance of a transonic turbine	Whitney, Warren J; Stewart, Warner L	28-May-54	19930090307	NACA-RM-E54D05
Experimental results of an investigation of two methods of inflight thrust measurement applicable to afterburning turbojet engines with ejectors	Bloomer, Harry E	2-May-58	19930089853	NACA-RM-E57H28
Preliminary investigation of methods to increase base pressure of plug nozzles at Mach 0.9	Salmi, Reino J	19-Dec-56	19930089468	NACA-RM-E56J05
Flight Camera for Photographing Cloud Droplets in Natural Suspension in the Atmosphere	Mccullough, Stuart; Perkins, Porter J	29-Jun-51	19930086460	NACA-RM-E50K01a
Measurement of the moments of inertia of an airplane by a simplified method	Turner, Howard L	1-Oct-50	19930082849	NACA-TN-2201
Some measurements of landing contact conditions of transport airplanes in routine operations	Silsby, Norman S; Rind, Emanuel; Morris, Garland J	22-Jul-53	19930087581	NACA-RM-L53E05a
Performance and component frontal areas of a hypothetical two-spool turbojet engine for three modes of operation	Dugan, James F , Jr	19-Dec-55	19930088846	NACA-RM-E55H31

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Tank tests to determine the effect of varying design parameters of planing-tail hulls I : effect of varying length, width, and plan-form taper of afterbody	Dawson, John R; Walter, Robert C; Hay, Elizabeth S	1-May-46	19930081734	NACA-TN-1062
Resolution of annealing experiments for the study of nonequilibrium states	Schwed, Philip	27-Sep-51	19930086665	NACA-RM-E51G24
Investigations of the wall-shearing stress in turbulent boundary layers	Ludwig, Hubert; Tillmann, W	1-May-50	19930093945	NACA-TM-1285
A method for the design of sweptback wings warped to produce specified flight characteristics at supersonic speeds	Tucker, Warren A	12-Sep-51	19930086887	NACA-RM-L51F08
Flight investigation of thrust augmentation of a turbojet engine by water-alcohol injection	Ellisman, Carl	29-Sep-47	19930085832	NACA-RM-E7G29
Behavior of vortex system behind cruciform wings - motions of fully rolled-up vortices	Sacks, Alvin H	1-Jan-52	19930083330	NACA-TN-2605
Effect of compressibility on the distribution of pressures over a tapered wing of NACA 230-series airfoil sections	Pearson, E O , Jr	1-Jul-47	19930082026	NACA-TN-1390
Longitudinal stability investigation for a Mach number range of 0.8 to 1.7 of an airplane configuration with a 45 degree swept wing and a low horizontal tail	Mcfall, John C , Jr	8-Feb-56	19930089087	NACA-RM-L55L09
Aerodynamic characteristics at high speeds of full-scale propellers having Clark Y blade sections	Johnson, Peter J	26-Oct-48	19930090370	NACA-RM-L8E07
Effect of lag of sidewash on the vertical-tail contribution to oscillatory damping in yaw of airplane models	Fisher, Lewis R; Fletcher, Herman S	1-Jan-55	19930084266	NACA-TN-3356
Charts for the computation of equilibrium composition of chemical reactions in the carbon-hydrogen-oxygen-nitrogen system at temperatures from 2000 to 5000 K	Huff, Vearl N; Calvert, Clyde S	1-Jul-48	19930082271	NACA-TN-1653
Charts of pressure rise obtainable with airfoil-type axial-flow cooling fans	Kahane, A	1-Mar-47	19930082179	NACA-TN-1199
Panel-flutter investigation at supersonic speeds of a pressurized structure fabricated of 0.020-inch-thick laminated glass-plastic	Leissler, L Abbott	1-Jun-55	19930088606	NACA-RM-E55B04
Over-all performance of J35-A-23 two-stage turbine	Rebeske, John J , Jr; Berkey, William E; Forrette, Robert E	10-Dec-51	19930086712	NACA-RM-E51E22
Compressor blade vibration of a J57-P-1 turbojet engine during exploratory operation with inlet-pressure distortions	Hanson, Morgan P	23-Dec-55	19930089076	NACA-RM-SE55L08
Flight measurements with the Douglas D-558-II (BuAero No. 37974) research airplane : static longitudinal stability and control characteristics at Mach numbers up to 0.87	Sjoberg, S A; Peele, James R; Griffith, John H	17-Jan-51	19930086520	NACA-RM-L50K13
Calculated effects of turbine rotor-blade cooling-air flow, altitude, and compressor bleed point on performance of a turbojet engine	Arne, Vernon L; Nachtigall, Alfred J	13-Aug-51	19930086721	NACA-RM-E51E24
Unsteady laminar boundary-layer flow	Moore, Franklin K	1-Sep-51	19930083177	NACA-TN-2471
An investigation of the use of rocket-powered models for gust-load studies with an application to a tailless swept-wing model at transonic speeds	Vitale, A James; Press, H; Shufflebarger, C C	1-Jun-54	19930083881	NACA-TN-3161

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Review of high-performance axial-flow-compressor blade-element theory	Lieblein, Seymour	6-Apr-54	19930088023	NACA-RM-E53L22
Investigation of the low-speed flight characteristics of a 1/15-scale model of the Convair XB-58 airplane : COORD. No. AF-AM-15	Paulson, John W	14-Nov-57	19930089984	NACA-RM-SL57K19
Charts of thermodynamic properties of fluids encountered in calculations of internal combustion engine cycles	Hottel, H C; Williams, G C	1-May-46	19930087875	NACA-TN-1026
Analysis of V-G records from ten types of Navy airplanes in squadron operations during the period 1949 to 1953	Mayer, John P; Harris, Agnes E	25-Mar-54	19930088419	NACA-RM-L54G23
Analytical evaluation of aerodynamic characteristics of turbines with nontwisted rotor blades	Slivka, William R; Silvern, David H	1-May-51	19930083077	NACA-TN-2365
Wind-tunnel tests of a 1/12-scale model of the X-3 airplane at subsonic and supersonic speeds.	Olson, Robert N; Chubb, Robert S	14-Sep-51	19930090605	NACA-RM-A51F12
Calculation of flutter characteristics for finite-span swept or unswept wings at subsonic and supersonic speeds by a modified strip analysis	Yates, E Carson, Jr	18-Mar-58	19930089930	NACA-RM-L57L10
Investigation of turbines suitable for use in a turbojet engine with high compressor pressure ratio and low compressor-tip speed III : velocity-diagram study of two-stage and downstream-stator turbines for engine operation at constant rotative speed	English, Robert E; Davison, Elmer H	21-Nov-52	19930087178	NACA-RM-E52G15
Summary report on analytical evaluation of air and fuel specific-impulse characteristics of several nonhydrocarbon jet-engine fuels	Breitwieser, Roland; Gordon, Sanford; Gammon, Benson	19-Feb-53	19930087400	NACA-RM-E52L08
Load distributions due to steady roll and pitch for thin wings at supersonic speeds	Moeckel, W E; Evvard, J C	1-Aug-48	19930082327	NACA-TN-1689
Transonic investigation of an axial-flow compressor rotor with a contracted exit annulus	Babington, Robert S	17-Feb-58	19930089960	NACA-RM-L57K27
Preliminary wind-tunnel investigation at low speed of stability and control characteristics of swept back wings	Letko, William; Goodman, Alex	1-Apr-46	19930081666	NACA-TN-1046
Free fall and evaporation of N-Octane droplets in the atmosphere as applied to the jettisoning of aviation gasoline at altitude	Lowell, Herman H	28-Apr-53	19930087595	NACA-RM-E52L23a
Survey of portions of the iron-nickel-molybdenum and cobalt-iron-molybdenum ternary systems at 1200 C	Das, Dilip K; Beck, Paul A	1-Feb-53	19930083834	NACA-TN-2896
Effect of rotor-and stator-blade modifications on surge performance of an 11-stage axial-flow compressor I : original production compressor of XJ40-WE-6 engine	Finger, Harold B; Essig, Robert H; Conrad, E William	20-May-53	19930087237	NACA-RM-E52G03
Total-pressure recovery of a circular underslung inlet with three different nose shapes at a Mach number of 1.42	Merlet, Charles F; Carter, Howard S	25-Feb-52	19930087141	NACA-RM-L51K05
Preliminary measurements of turbulence and temperature fluctuations behind a heated grid	Kistler, A L; O'Brien, V; Corrsin, S	10-Jun-54	19930088242	NACA-RM-54D19

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Summary of results of tumbling investigations made in the Langley 20-foot free-spinning tunnel on 14 dynamic models	Stone, Ralph W , Jr; Bryant, Robert L	31-Dec-48	19930085505	NACA-RM-L8J28
Investigation of 75-millimeter-bore cylindrical roller bearings at high speeds	Macks, E Fred; Nemeth, Zolton N	1-Jul-50	19930082826	NACA-TN-2128
An investigation of a thermal ice-prevention system for a cargo airplane IX : the temperature of the wing leading-edge structure as established in flight	Schlaff, Bernard A; Selna, James	1-Jun-48	19930082248	NACA-TN-1599
Altitude-wind-tunnel tests of power-plant installation in jet-propelled fighter	Jagger, James M	1-Feb-46	19930092672	NACA-WR-E-274, NACA-MR-E5L17
Structural hinge-moment increments caused by hinge-axis distortion	Becker, John V; Cooper, Morton	1-Apr-46	19930081995	NACA-TN-1038
Injection principles for liquid oxygen and heptane using two-element injectors	Heidmann, Marcus F	26-Jun-56	19930089315	NACA-RM-E56D04
Linearized lifting-surface theory for swept-back wings with slender plan forms	Lomax, Harvard; Heaslet, Max A	1-Dec-49	19930082709	NACA-TN-1992
Comparison of measured and predicted indicated angles of attack near the fuselages of a triangular-wing wind-tunnel model and a swept-wing fighter airplane in flight	James, Harry A; Mcfadden, Norman M; Mccloud, John L , III	11-Mar-53	19930087499	NACA-RM-A53A15
Some dynamic characteristics of a turbojet engine for large accelerations	Novik, David; Heppler, Herbert; Dandois, Marcel	18-Aug-52	19930087547	NACA-RM-E52H04
Statistical Survey of Icing Data Measured on Scheduled Airline Flights over the United States and Canada from November 1951 to June 1952	Perkins, Porter J	8-Sep-55	19930088875	NACA-RM-E55F28a
Some effects of wing height on the vertical-tail pressure distributions of a complete model in sideslip at high subsonic speeds	Few, Albert G , Jr; Alford, William J , Jr	17-Jul-57	19930089816	NACA-RM-L57D22
Tables of various Mach number functions for specific-heat ratios from 1.28 to 1.38		1-Apr-57	19930084735	NACA-TN-3981
Dynamic lateral behavior of high-performance aircraft	Moul, Martin T; Paulson, John W	6-Aug-58	19930090172	NACA-RM-L58E16
Effect of wind velocity on performance of helicopter rotors as investigated with the Langley helicopter apparatus	Carpenter, Paul J	1-Oct-48	19930082340	NACA-TN-1698
Provisional symbols and definitions for aircraft turbines		1-Mar-49	19930082192	NACA-TN-1508
A transonic wind-tunnel investigation of the longitudinal stability and control characteristics of a 0.09-scale model of the Bell X-5 research airplane and comparison with flight	Bielat, Ralph P; Campbell, George S	28-Oct-53	19930087724	NACA-RM-L53H18
Aerodynamic Theory and Its Application to Flutter	Garrick, I E	1-Apr-57	19930090932	NACA-ARR-56
Examination of recent lateral-stability-derivative data	Malvestuto, Frank S , Jr; Kuhn, Richard E	22-Oct-53	19930087909	NACA-RM-L53I08a
Compressible-flow solutions for the actuator disk	Delano, James B; Crigler, John L	20-Mar-53	19930089132	NACA-RM-L53A07
Effect of geometry on secondary flows in blade rows	Hansen, A G; Costello, G R; Herzig, H Z	16-Oct-52	19930087267	NACA-RM-E52H26
Investigation of the influence of fuselage and tail surfaces on low-speed static stability and rolling characteristics of a swept-wing model	Bird, John D; Lichtenstein, Jacob H; Jaquet, Byron M	15-Oct-47	19930085690	NACA-RM-L7H15
A summary of the longitudinal and lateral stability and control characteristics obtained from rocket-model tests of a swept-wing fighter-type airplane at Mach numbers from 0.5 to 1.9	Mitcham, Grady L	27-Feb-57	19930089620	NACA-RM-L56K19

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Correlation of turbine-blade-element losses based on wake momentum thickness with diffusion parameter for a series of subsonic turbine blades in two-dimensional cascade and for four transonic turbine rotors	Wong, Robert Y; Stewart, Warner L	21-Apr-55	19930088613	NACA-RM-E55B08
Effect of plug design on performance characteristics of convergent-plug exhaust nozzles	Krull, H George; Beale, William T	25-Oct-54	19930088364	NACA-RM-E54H05
Investigation of combustion screech and a method of its control	Velie, Wallace W; Bryan, Lively; Harp, James L	22-Mar-54	19930088056	NACA-RM-E53L24b
Theoretical basic span loading characteristics of wings with arbitrary sweep, aspect ratio, and taper ratio	Stevens, Victor I	1-Dec-48	19930082663	NACA-TN-1772
Wind-tunnel tests of a 0.16-scale model of the X-3 airplane at high subsonic speeds : additional stability and control characteristics and the aerodynamic effects of external stores and ram jets	Cleary, Joseph W; Mellenthin, Jack A	13-Jun-50	19930090546	NACA-RM-A50C30
Preliminary performance data for the J57-P-1 turbojet engine at altitudes up to 65,000 feet	Miller, Robert R; Bloomer, Harry E	15-Jun-54	19930088068	NACA-RM-SE54E26
Relative importance of various sources of defect-producing hydrogen introduced into steel during application of vitreous coatings	Moore, Dwight G; Mason, Mary A; Harrison, William N	1-Feb-52	19930083431	NACA-TN-2617
An experimental study of porosity characteristics of perforated materials in normal and parallel flow	Stokes, George M; Sellers, Thomas B; Davis, Don D , Jr	10-Nov-53	19930087736	NACA-RM-L53H07
Interference of wing and fuselage from tests of 30 combinations with triangular and elliptical fuselages in the NACA variable-density tunnel	Sherman, Albert	1-May-47	19930081875	NACA-TN-1272
Investigation of a short-annular-diffuser configuration utilizing suction as a means of boundary-layer control	Wilbur, Stafford W; Higginbotham, James T	1-Jun-57	19930084832	NACA-TN-3996
Investigation at Mach numbers from 0.80 to 1.43 of pressure and load distributions over a thin 45 degree sweptback highly tapered wing in combination with basic and indented bodies	Fischetti, Thomas L	28-Jun-57	19930089919	NACA-RM-L57D29a
An investigation of propeller vibrations excited by wing wakes	Gray, W H; Solomon, William	10-Jan-52	19930086846	NACA-RM-L51G13
Propeller-performance charts for transport airplanes	Gilman, Jean, Jr	1-Jul-53	19930084064	NACA-TN-2966
An investigation of the characteristics of an unswept wing of aspect ratio 4.01 in the Langley 8-foot high-speed tunnel	Bielat, Ralph P; Cahn, Maurice S	2-Nov-49	19930085980	NACA-RM-L9H23
Transonic drag measurements of eight body-nose shapes	Stoney, William E JR	5-Feb-54	19930087953	NACA-RM-L53K17
Free-spinning, longitudinal-trim, and tumbling tests of 1/17.8-scale models of the Cornelius XFG-1 glider	Daughtridge, Lee T , Jr	1-Jan-46	19930092467	NACA-WR-L-738, NACA-MR-L5K21
A comparison of two methods of linearized characteristics for a simple unsteady flow	Sullivan, Roger D	1-Sep-52	19930083488	NACA-TN-2794
Effect of reducing valve overlap on engine and compound-power-plant performance	Boman, David S; Kaufman, Samuel J	1-Jun-48	19930082276	NACA-TN-1612

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Flight test of NACA FR-1-B, a low acceleration rocket-propelled vehicle for transonic flutter research	Clevenson, Sherman A; Lundstrom, Reginald R; Angle, Ellwyn E	20-Jul-48	19930085356	NACA-RM-L8C24
Analysis of rocket, ram-jet, and turbojet engines for supersonic propulsion of long-range missiles III : ram-jet engine performance	Weber, Richard J; Luidens, Roger W	1-Jan-54	19930089338	NACA-RM-E54H03
Preliminary investigation of a submerged air scoop utilizing boundary-layer suction to obtain increased pressure recovery	Nichols, Mark R; Pierpont, Kenneth P	1-Apr-55	19930084327	NACA-TN-3437
Effect of large deflection of a canard control and deflections of a wing-tip control on the static-stability and induced-roll characteristics of a cruciform canard missile at a Mach number of 2.01	Spearman, M Leroy	14-Dec-53	19930087997	NACA-RM-L53K03
An approximate method for determining the displacement effects and viscous drag of laminar boundary layers in two-dimensional hypersonic flow	Bertram, Mitchel H	1-Sep-52	19930083558	NACA-TN-2773
Application of Theodorsen's theory to propeller design	Crigler, John L	26-Jul-48	19930093807	NACA-RM-L8F30
Sea-level static acceleration characteristics of a two-spool turbojet engine	Heppler, Herbert; Novak, David	7-Feb-55	19930088533	NACA-RM-E54L22
An investigation of the hinge-moment fluctuations of 0.20-chord plain ailerons on a high-aspect-ratio wing in the Langley 8-foot high-speed tunnel	Luoma, Arvo A; Liccini, Luke L	10-Jan-47	19930085762	NACA-RM-L6L10a
An investigation of the low-speed characteristics of two sharp-edge supersonic inlets designed for essentially external supersonic compression	Dennard, John S	6-Jun-47	19930085596	NACA-RM-L7D03
Sea-level static equilibrium performance of actual two-spool turbojet engine and comparison with hypothetical engine	Dugan, James F , Jr; Jansen, Emmert T; Rohlik, Harold E; Mallett, William E	15-Sep-54	19930088501	NACA-RM-E54I17
Aerodynamic characteristics of a number of modified NACA four-digit-series airfoil sections	Loftin, Laurence K , Jr; Cohen, Kenneth S	1-Jun-48	19930082240	NACA-TN-1591
On the interpretation of combined torsion and tension tests of thin-wall tubes	Prager, W	1-Jan-48	19930082184	NACA-TN-1501
Fundamental flame velocities of pure hydrocarbons III : extension of tube method of high flame velocities - acetylene-air mixtures	Levine, Oscar; Gerstein, Melvin	3-Dec-51	19930086965	NACA-RM-E51J05
Data on the compressive strength of skin-stringer panels of various materials	Dow, Norris F; Hickman, William A; Rosen, B Walter	1-Jan-54	19930083796	NACA-TN-3064
Temperature distribution in internally heated walls of heat exchangers with noncircular flow passages using coolants with very low Prandtl number	Eckert, E R G; Low, George M	1-Jul-51	19930082966	NACA-TN-2401
Experimental investigation of various wing-mounted external stores on a wing-fuselage combination having a sweptback wing of inverse taper ratio	Spreemann, Kenneth P; Silvers, H Norman	15-Sep-50	19930086024	NACA-RM-L9J06
Analytical study of modifications to the autopilot of a fighter airplane in order to reduce the response to side gusts	Mathews, Charles W; Adams, James J	1-Mar-56	19930084386	NACA-TN-3635
Effect of inlet air and fuel parameters on smoking characteristics of a single tubular turbojet engine combustor	Butze, Helmut F	17-Apr-52	19930086885	NACA-RM-E52A18
Three-dimensional unsteady lift problems in high-speed flight : the triangular wing	Lomax, Harvard; Heaslet, Max A; Fuller, Franklyn B	1-Jun-51	19930083328	NACA-TN-2387

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Performance of an axial-flow compressor rotor designed for a pitch-section lift coefficient of 1.2	Herrig, L Joseph; Bogdonoff, Seymour M	1-May-47	19930082024	NACA-TN-1388
Investigation of a ram-jet-powered helicopter rotor on the Langley helicopter test tower	Carpenter, Paul J; Radin, Edward J	3-Jun-53	19930089085	NACA-RM-L53D02
Damping in a roll of a missile configuration with a modified triangular wing and a cruciform tail at a Mach number of 1.52	Scherrer, Richard; Dennis, David H	6-Mar-51	19930086518	NACA-RM-A51A03
Effects of inlet wall contour on the pressure recovery of a 10 degrees 10-inch-inlet-diameter conical diffuser	Copp, Martin R	5-Sep-51	19930086719	NACA-RM-L51E11a
Some effects of varying the damping in pitch and roll on the flying qualities of a small single-rotor helicopter	Reeder, John P; Whitten, James B	1-Jan-52	19930083175	NACA-TN-2459
Direct-connect investigation of altitude performance of XRJ47-W-5 ram-jet-engine combustor	Povolny, John H; Hurrell, H G; Farley, John M	1-Jan-53	19930088021	NACA-RM-E53J05
Some screeching-combustion characteristics of a transpiration-cooled afterburner having a porous wall of wire cloth	Koffel, William K; Harp, James L , Jr; Bryant, Lively	29-Nov-54	19930088417	NACA-RM-E54H27
Tests of the NACA 0010-1.50 40/1.051 airfoil section at high subsonic Mach numbers	Hemenover, Albert D	4-Sep-53	19930087593	NACA-RM-A53G09
Tests in the Ames 40- by 80-foot wind tunnel of the effects of varying wing modifications on the longitudinal characteristics of two-triangular wing airplane models with and without horizontal tails	Koenig, David G	15-Apr-54	19930088240	NACA-RM-A54B09
Design of apparatus for determining heat transfer and frictional pressure drop of nitric acid flowing through a heated tube	Reese, Bruce A; Graham, Robert W	16-Jun-52	19930087497	NACA-RM-52D03
A variable-geometry axisymmetric supersonic inlet with telescoping centerbody	Conners, James F; Meyer, Rudolph C	7-Sep-55	19930088873	NACA-RM-E55F30
An investigation of the aerodynamic characteristics at transonic Mach numbers of a swept-wing supersonic bomber configuration	Bielat, Ralph P; Cooper, J Lawrence	1-Feb-56	19930087722	NACA-RM-L53F05
An analysis of vertical-tail loads measured in flight on a swept-wing bomber airplane	Mcgowan, William A; Cooney, T V	7-May-57	19930089618	NACA-RM-L57B19
Experimental performance of the mixed-oxides-of-nitrogen-ammonia propellant combination in a 1000-pound-thrust rocket engine	Tomazic, William A; Kinney, George R	17-Jan-55	19930088611	NACA-RM-E55A07
Evaluation of ethyl ether as an ignition aid for turbojet engine fuels	Johash, Edmund R; Foster, Hampton H	23-Oct-53	19930088054	NACA-RM-E53I02
Wind-tunnel tests of a 0.16-scale model of the X-3 airplane at high subsonic speeds : stability and control characteristics	Hamilton, William T; Cleary, Joseph W	21-Apr-50	19930090544	NACA-RM-A50A03
A rocket-model investigation of the longitudinal stability, lift, and drag characteristics of the Douglas X-3 configuration with horizontal tail aspect ratio 4.33	Peck, Robert F; Hollinger, James A	21-Aug-53	19930087734	NACA-RM-L53F19a

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Analysis of a spin and recovery from time histories of attitudes and velocities as determined for a dynamic model of a contemporary fighter airplane in the free-spinning tunnel	Scher, Stanley H	1-Apr-56	19930084325	NACA-TN-3611
Investigation of the distribution of lift, drag, and pitching moment between the wing and fuselage of a 1/30-scale semispan model of the bell X-5 airplane at a Mach number of 1.24 by the naca wing-flow method	Morris, Garland J; Silsby, Norman S	16-Jan-52	19930087995	NACA-RM-L51K27
Tensile properties of HK31XA-H24 magnesium-alloy sheet under rapid-heating conditions and constant elevated temperatures	Gibbs, Thomas W	1-Aug-56	19930084547	NACA-TN-3742
Effects of cyclic loading on mechanical behavior of 24S-T4 and 75S-T6 aluminum alloys and SAE 4130 steel	Macgregor, C W; Grossman, N	1-Oct-52	19930083556	NACA-TN-2812
Low-speed wind-tunnel investigation of leading-edge porous suction on a 4-percent-thick 60 degree delta wing	Yates, E Carson, Jr	1-Mar-55	19930088531	NACA-RM-L54L21
Experimental investigation at supersonic speeds of twin-scoop duct inlets of equal area I : an inlet enclosing 61.5 percent of the maximum circumference of the forebody	Davis, Wallace F; Goldstein, David L	21-Jan-48	19930085760	NACA-RM-A7J27
Investigation of the compressive strength and creep of 7075-T6 aluminum-alloy plates at elevated temperatures	Deveikis, William D	1-Nov-57	19930084871	NACA-TN-4111
A flight investigation at transonic speeds and small angles of attack of the aerodynamic characteristics of a model having a 45 degree sweptback wing of aspect ratio 3 with an Naca 64A006 airfoil section	Holdaway, George H	25-Jan-54	19930088499	NACA-RM-A54I17
Investigation of low-speed aileron control characteristics at a Reynolds number of 6,800,000 of a wing with leading edge swept back 42 degrees with and without high-lift devices	Bollech, Thomas V; Pratt, George L	19-Jul-49	19930086022	NACA-RM-L9E24
Stress-strain and elongation graphs for Alclad aluminum-alloy 75S-T sheet	Miller, James A	1-Nov-47	19930082022	NACA-TN-1385
Experimental investigation of a 0.4 hub-tip diameter ratio axial-flow compressor inlet stage at transonic inlet relative Mach numbers III : effect of tip taper on over-all and blade-element performances	Montgomery, John C; Glaser, Frederick	30-Mar-56	19930089083	NACA-RM-E55L09
The effect of a low-loss air valve on performance of a 22-inch-diameter pulse-jet engine	Bressman, Joseph R	12-Jun-46	19930093535	NACA-WR-E-279, NACA-MR-E6E15
Free-flight performance of 16-inch diameter supersonic ram-jet units IV : performance of ram-jet units designed for combustion chamber inlet Mach number of 0.21 at free-stream Mach number of 1.6 over a range flight conditions	Rabb, Leonard; North, Warren J	26-Feb-51	19930086516	NACA-RM-E50L18
Pressure-distribution measurements over a 45 degree sweptback wing at transonic speeds by the NACA wing-flow method	Danforth, Edward C B; O'Bryan, Thomas C	25-Jun-51	19930086717	NACA-RM-L51D24

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Air forces and moments on triangular and related wings with subsonic leading edges oscillating in supersonic potential flow	Watkins, Charles E	1-Sep-51	19930083173	NACA-TN-2457
Investigation to determine effects of rectangular vortex generators on the static pressure drop through a 90 degrees circular elbow	Valentine, E Floyd; Copp, Martin R	14-Sep-53	19930087591	NACA-RM-L53G08
Altitude investigation of acceleration characteristics of two-spool turbojet engine	Bloomer, Harry E; Thomas, Robert W	14-Apr-55	19930088871	NACA-RM-E55G20
A wind-tunnel investigation of the development of lift on wings in accelerated longitudinal motion	Turner, Thomas R	2-Nov-56	19930089616	NACA-RM-L56H28a
Design and test of mixed-flow impellers IV : experimental results for impeller models MF-1 and MF-2 with changes in blade height	Hamrick, Joseph T; Beede, William L; Withee, Joseph R JR	11-Feb-54	19930087993	NACA-RM-E53L02
The effects of scale and test technique on the validity of small-scale measurements of the aerodynamic characteristics of a wing with the leading edge swept back 63 degrees	Rolls, L Stewart	9-Dec-49	19930086020	NACA-RM-A9J06
A review of boundary-layer literature	Tetervin, Neal	1-Jul-47	19930082020	NACA-TN-1384
An investigation at transonic speeds of the effects of fences, drooped nose, and vortex generators on the aerodynamic characteristics of a wing-fuselage combination having a 6-percent-thick, 45 degree sweptback wing	Hieser, Gerald	31-Mar-53	19930089081	NACA-RM-L53B04
Jet-boundary corrections for complete and semispan swept wings in closed circular wind tunnels	Sivells, James C; Salmi, Rachel M	1-Sep-51	19930083171	NACA-TN-2454
Mathematical improvement of method for computing Poisson integrals involved in determination of velocity distribution on airfoils	Flugge-Lotz, I	1-Oct-51	19930083169	NACA-TN-2451
Application of the generalized shock-expansion method to inclined bodies of revolution traveling at high supersonic airspeeds	Savin, Raymond C	1-Apr-55	19930084190	NACA-TN-3349
Bending tests on box beams having solid- and open-construction webs	Johnson, Aldie E , Jr	1-Aug-54	19930084192	NACA-TN-3231
The planing characteristics of a surface having a basic angle of dead rise of 20 degrees and horizontal chine flare	Kapryan, Walter J; Weinstein, Irving	1-Oct-52	19930083524	NACA-TN-2804
Analysis of factors influencing the stability characteristics of symmetrical twin-intake Air-induction systems	Martin, Norman J; Holzhauser, Curt A	1-Mar-50	19930082720	NACA-TN-2049
A proposed ram-jet control system operated by use of diffuser pressure recovery	Faget, Maxime A	3-Sep-52	19930087043	NACA-RM-L52E05b
Investigation of effect of span, spanwise location, and chordwise location of spoilers on lateral control characteristics of a tapered wing	Fischel, Jack; Tamburello, Vito	1-May-47	19930081914	NACA-TN-1294
The linearized equations of motion underlying the dynamic stability of aircraft, spinning projectiles, and symmetrical missiles	Charters, A C	1-Jan-55	19930084194	NACA-TN-3350
A method for predicting lift increments due to flap deflection at low angles of attack in incompressible flow	Lowry, John G; Polhamus, Edward C	1-Jan-57	19930084818	NACA-TN-3911

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Shear flows in multicell sandwich sections	Benscoter, Stanley U	1-Nov-48	19930082375	NACA-TN-1749
Wear and sliding friction properties of nickel alloys suited for cages of high-temperature rolling-contact bearings I : alloys retaining mechanical properties to 600 F	Johnson, Robert L; Swikert, Max A; Bisson, Edmond E	1-Aug-52	19930083526	NACA-TN-2758
Properties of a boron carbide-iron ceramal	Lidman, William G; Hamjian, H J	1-Mar-50	19930082722	NACA-TN-2050
Effects of a J34 turbojet engine on supersonic diffuser performance	Beheim, Milton A; Englert, Gerald W	4-Jan-56	19930088936	NACA-RM-E55I21
The effect of an operating propeller on the aerodynamic characteristics at high subsonic speeds of a model of a vertical-rising airplane having an unswept wing of aspect ratio 3	Sutton, Fred B; Buell, Donald A	15-Nov-54	19930087045	NACA-RM-A52E06
Wind-tunnel investigation of the air load distribution on two combinations of lifting surface and fuselage	Sandahl, Carl A; Vollo, Samuel D	1-May-47	19930081916	NACA-TN-1295
Average outside surface heat-transfer coefficients and velocity distributions for heated and cooled impulse turbine blades in static cascades	Hubbartt, James E; Schum, Eugene F	9-Mar-51	19930086525	NACA-RM-E50L20
Effect of processing variables on the transition temperature, strength, and ductility of high-purity, sintered, wrought molybdenum metal	Dike, Kenneth C; Long, Roger A	1-Mar-53	19930083623	NACA-TN-2915
Calculation of the forces and moments on a slender fuselage and vertical fin penetrating lateral gusts	Eggleston, John M	1-Oct-56	19930084573	NACA-TN-3805
Elevated-temperature compressive stress-strain data for 24S-T3 aluminum-alloy sheet and comparisons with extruded 75S-T6 aluminum alloy	Roberts, William M; Heimerl, George J	1-Mar-49	19930082497	NACA-TN-1837
An automatic viscometer for non-Newtonian materials	Weltmann, Ruth N; Kuhns, Perry W	1-Aug-55	19930084196	NACA-TN-3510
High-speed wind-tunnel tests of a twin-fuselage pursuit airplane	Tkac, Victor B	24-Apr-46	19930092695	NACA-WR-A-75, NACA-MR-A6D03
Effects of conical camber on the lift, drag, and pitching-moment characteristics of a triangular wing of aspect ratio 3.0	Peterson, Victor, L; Boyd, John W	19-Feb-57	19930089894	NACA-RM-A56L18
Measurements of ground-reaction forces and vertical center-of-gravity accelerations of a bomber airplane taxiing over obstacles	Mckay, James M; Sawyer, Richard H; Hall, Albert W	1-Sep-58	19930085186	NACA-TN-4400
An air-borne target simulator for use with scope-presentation type fire-control systems	Foster, John V; Fulcher, Elmer C; Heinle, Donovan R	10-May-57	19930089671	NACA-RM-A57C19
Investigation of some mechanical properties of thermenol compressor blades	Johnson, Donald F	1-Oct-57	19930084820	NACA-TN-4097
A low-speed investigation of a fuselage-side air inlet for use at transonic flight speeds	Nichols, Mark R; Goral, Edwin B	1-Apr-52	19930083896	NACA-TN-2684
Buckling tests of flat rectangular plates under combined shear and longitudinal compression	Peters, Roger W	1-Nov-48	19930082377	NACA-TN-1750
An investigation of a four-blade single-rotation propeller in combination with an NACA 1-series D-type cowing at Mach numbers up to 0.83	Reynolds, Robert M; Sammonds, Robert I; Kenyon, George C	13-Apr-53	19930089438	NACA-RM-A53B06
On the gas dynamics of a rotating impeller	Busemann, Adolf	1-Mar-56	19930093845	NACA-TM-1385
An engineering method for estimating notch-size effect in fatigue tests on steel	Kuhn, Paul; Hardrath, Herbert F	1-Oct-52	19930083528	NACA-TN-2805

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Laboratory investigation of an autopilot utilizing a mechanical linkage with a dead spot to obtain an effective rate signal	Seaberg, Ernest C	17-Aug-49	19930085895	NACA-RM-L9F15a
Effects of an aging treatment on life of small cast vitallium gas-turbine blades	Hoffman, Charles A; Yaker, Charles	1-Mar-50	19930082724	NACA-TN-2052
An evaluation of air-borne radar as a means of avoiding atmospheric turbulence	Steiner, Roy	22-Nov-48	19930085520	NACA-RM-L8I01
Comparison of performance and component frontal areas of hypothetical two-spool and one-spool turbojet engines	Dugan, James F , Jr	17-Jan-56	19930088938	NACA-RM-E55J13
Thermal conductance of contacts in aircraft joints	Barzelay, Martin E; Tong, Kin Nee; Hollo, George	1-Mar-54	19930083849	NACA-TN-3167
Use of an aerodynamically pulsed all-movable horizontal tail to obtain longitudinal characteristics of rocket-powered models in free flight and some initial results from an arrow-wing-body-tail configuration	Gillespie, Warren, Jr; Dietz, Albert E	19-May-52	19930087047	NACA-RM-L52C10
Investigation of Reynolds number effects for a series of cone-cylinder bodies at Mach numbers of 1.62, 1.93, and 2.41	Ogburn, Edmund L; Grigsby, Carl E	7-Oct-53	19930087710	NACA-RM-L53H21
Investigation of stability and control characteristics of an airplane model with skewed wing in the Langley free-flight tunnel	Campbell, John A; Drake, Hubert M	1-May-47	19930081890	NACA-TN-1208
Effect of yaw at supersonic speeds on theoretical aerodynamic coefficients of thin pointed wings with several types of trailing edge	Moeckel, W E	1-Mar-48	19930082351	NACA-TN-1549
Simulator studies of a simple homing system	Passera, Anthony L; Garner, H Douglas	6-Oct-55	19930088822	NACA-RM-L55G06
Theoretical wave drag and lift of thin supersonic ring airfoils	Mirels, Harold	1-Aug-48	19930082316	NACA-TN-1678
Effect of variables in welding technique on the strength of direct-current metal-arc-welded joints in aircraft steel I : static tension and bending fatigue tests of joints in SAE 4130 steel sheet	Voldrich, C B; Armstrong, E T	1-Jul-47	19930081918	NACA-TN-1261
Supersonic tunnel investigation by means of inclined-plate technique to determine performance of several nose inlets over Mach number range of 1.72 to 2.18	Fox, Jerome L	14-Feb-51	19930086527	NACA-RM-E50K14
The Condensation Line of Air and the Heats of Vaporization of Oxygen and Nitrogen	Furukawa, George T; Mccoskey, Robert E	1-Jun-53	19930083625	NACA-TN-2969
Measurements of aerodynamic heat transfer and boundary-layer transition on a 15 degree cone in free flight at supersonic Mach numbers up to 5.2	Rumsey, Charles B; Lee, Dorothy B	15-Oct-56	19930089362	NACA-RM-L56F26
An Impulse-Momentum Method for Calculating Landing-Gear Contact Conditions in Eccentric Landings	Yntema, Robert T; Milwitzky, Benjamin	1-Jan-52	19930083424	NACA-TN-2596
Theoretical aerodynamic characteristics of a family of slender wing-tail-body combinations	Lomax, Harvard; Byrd, Paul F	1-Nov-51	19930083256	NACA-TN-2554
Stress and distortion analysis of a swept box beam having bulkheads perpendicular to the spars	Heldenfels, Richard R; Zender, George W; Libove, Charles	1-Nov-50	19930082874	NACA-TN-2232
Analyses for turbojet thrust augmentation with fuel-rich afterburning of hydrogen, diborane, and hydrazine	Morris, James F	18-Jun-57	19930089805	NACA-RM-E57D22

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A correlation of airfoil section data with the aerodynamic loads measured on a 45 degree sweptback wing model at subsonic Mach numbers	Walker, Harold J; Maillard, William C	27-May-55	19930088767	NACA-RM-A55C08
The Development of Cambered Airfoil Sections Having Favorable Lift Characteristics at Supercritical Mach Numbers	Graham, Donald J	1-Dec-48	19930082444	NACA-TN-1771
Effects of size of external stores on the aerodynamic characteristics of an unswept and a 45 degree sweptback wing of aspect ratio 4 and a 60 degree delta wing at Mach numbers of 1.41, 1.62, and 1.96	Jacobsen, Carl R	21-Jan-53	19930087389	NACA-RM-L52K20a
An electromagnetic flowmeter for rocket research	Jaffe, Leonard; Coss, Bert A; Daykin, Donald R	6-Mar-51	19930086474	NACA-RM-E50L12
Thrust and pumping characteristics of a series of ejector-type exhaust nozzles at subsonic and supersonic flight speeds	Hearth, Donald P; Valerino, Alfred S	17-Nov-54	19930088350	NACA-RM-E54H19
Comparison of semispan data obtained in the Langley two-dimensional low-turbulence pressure tunnel and full-span data obtained in the Langley 19-foot pressure tunnel for a wing with 40 degrees sweepback of the 0.27-chord line	Cahill, Jones F	22-Apr-49	19930085861	NACA-RM-L9B25a
Low-speed wind-tunnel investigation of a triangular sweptback air inlet in the root of a 45 degree sweptback wing	Keith, Arvid L , Jr; Schiff, Jack	6-Nov-50	19930086423	NACA-RM-L50I01
Flight and test-stand investigation of high-performance fuels in Pratt & Whitney R-1830-94 engines IV : comparison of cooling characteristics of flight and test-stand engines	Werner, Milton; Dandois, Marcel	8-Oct-46	19930086726	NACA-RM-E6I12
Some theoretical low-speed span loading characteristics of swept wings in roll and sideslip	Bird, John D	1-Mar-49	19930082499	NACA-TN-1839
Effect of oxygen content of furnace atmosphere on adherence of vitreous coatings to iron	Eubanks, A G; Moore, D G	1-May-55	19930084198	NACA-TN-3297
Investigation of the General Electric I-40 jet-propulsion engine in the Cleveland altitude wind tunnel II : analysis of compressor performance characteristics	Dietx, Robert O , Jr; Geisenheyner, Robert M	18-Nov-46	19930085704	NACA-RM-E6J02
Gust-tunnel investigation of a flexible-wing model with semichord line swept back 45 degrees	Reisert, Thomas D	1-Oct-49	19930082637	NACA-TN-1959
Wind-tunnel investigation at low speed of lateral control characteristics of an untapered 45 degrees sweptback semispan wing of aspect ratio 1.59 equipped with various 25-percent-chord plain ailerons	Johnson, Harold S; Hagerman, John R	1-Mar-51	19930082998	NACA-TN-2316
Analysis of limitations imposed on one-spool turbojet-engine designs by compressors and turbines at flight Mach numbers of 0, 2.0, and 2.8	Cavicchi, Richard H; English, Robert E	24-Sep-54	19930088284	NACA-RM-E54F21a
Measurements of pressure drop with no heat addition on mockup segments of the general electric air-cooled aircraft reactor	Sams, Eldon W; Nagey, Tibor F	7-Nov-52	19930087304	NACA-RM-E52I05
Acoustics of a nonhomogeneous moving medium.	Blokhintsev, D I	1-Feb-56	19930091111	NACA-TM-1399
Hinge-moment characteristics for several tip controls on a 60 degree sweptback delta wing at Mach number 1.61	Czarnecki, K R; Lord, Douglas R	22-Jan-53	19930087424	NACA-RM-L52K28

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Development of equipment and of experimental techniques for column creep tests	Patel, Sharad A; Bloom, Martin; Erickson, Burton; Chwick, Alexander; Hoff, N J	1-Sep-55	19930084351	NACA-TN-3493
Flow studies on drooped-leading-edge delta wings at supersonic speed	Michael, William H , Jr	1-Jan-56	19930084336	NACA-TN-3614
High-speed aerodynamic characteristics of a lateral-control model I : NACA 0012-64 section with 20-percent-chord plain aileron and 0 degree and 45 degrees sweepback	Anderson, Joseph L; Krumm, Walter J	27-Sep-48	19930085573	NACA-RM-A8H12
Some effects of frequency on the contribution of a vertical tail to the free aerodynamic damping of a model oscillating in yaw	Bird, John D; Fisher, Lewis R; Hubbard, Sadie M	1-Apr-52	19930083305	NACA-TN-2657
Free-spinning tunnel tests of a 1/20-scale model of the McDonnell XF3H-1 airplane : TED No. NACA DE 343	Berman, Theodore	8-Sep-50	19930086400	NACA-RM-SL50I12
A transonic-wing investigation in the Langley 8-foot high-speed tunnel at high subsonic Mach numbers and at a Mach number of 1.2 : wing-fuselage configuration having a wing of 60 degree sweepback, aspect-ratio 4, taper ratio 0.6, and NACA 65A006 airf	Wood, Raymond B; Fleming, Frank F	24-Jan-51	19930086377	NACA-RM-L50J25
Characteristics of the Nike-Cajun (CAN) rocket system and flight investigation of its performance	Royall, John F , Jr; Garland, Benjamine J	29-Jul-57	19930089896	NACA-RM-L57D26
Preliminary results of the flight investigation between Mach numbers of 0.80 and 1.36 of a rocket-powered model of a supersonic airplane configuration having a tapered wing with circular-arc sections and 40 degree sweepback	D'Aiutolo, Charles T; Mason, Homer P	31-Oct-50	19930086386	NACA-RM-L50H29a
Investigation of the pressure-ratio requirements of the Langley 11-inch hypersonic tunnel with a variable-geometry diffuser	Bertram, Mitchel H	6-Oct-50	19930086437	NACA-RM-L50I13
Acoustic, thrust, and drag characteristics of several full-scale noise suppressors for turbojet engines	Ciepluch, Carl C; North, Warren J; Coles, Willard D; Antl, Robert J	1-Apr-58	19930085267	NACA-TN-4261
Diffusion of heat from a line source in isotropic turbulence	Uberoi, Mahinder S; Corrsin, Stanley	1-Jun-52	19930083291	NACA-TN-2710
The application of the statistical theory of extreme values to gust-load problems	Press, Harry	1-Nov-49	19930082604	NACA-TN-1926
Effects of systematic changes of trailing-edge angle and leading-edge radius on the variation with Mach number of the aerodynamic characteristics of a 10-percent-chord-thick NACA airfoil section	Summers, James L; Graham, Donald J	26-Sep-49	19930085943	NACA-RM-A9G18
Static lateral stability characteristics of an airplane model having a 47.7 degree sweptback wing of aspect ratio 6 and the contribution of various model components at a Reynolds number of 4.45×10^6	Griner, Roland F	1-Sep-53	19930087606	NACA-RM-L53G09
Some Reynolds number phenomena in a turbojet compressor	Kaufman, Harold R	26-Jun-57	19930090223	NACA-RM-E57D01
Influence of refraction on the applicability of the Zehnder-Mach interferometer to studies of cooled boundary layers	Kinsler, Martin R	1-Sep-51	19930083182	NACA-TN-2462
Analysis of the vertical-tail loads measured during a flight investigation of the Douglas X-3 research airplane	Marcy, William L; Stephenson, Harriet J; Cooney, Thomas V	9-Nov-56	19930090115	NACA-RM-H56H08

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Creep bending and buckling of linearly viscoelastic columns	Kempner, Joseph	1-Jan-54	19930083961	NACA-TN-3136
Stability results obtained with Douglas D-558-1 airplane (BuAero No. 37971) in flight up to a Mach number of 0.89	Lilly, Howard C; Barlow, William H	22-Apr-49	19930085488	NACA-RM-L8K03
Experimental verification of the rudder-free stability theory for an airplane model equipped with a rudder having positive floating tendencies and various amounts of friction	Maggin, Bernard	1-Jul-47	19930081986	NACA-TN-1359
Investigation in the Langley 19-Foot pressure tunnel of two wings of NACA 65-210 and 64-210 airfoil sections with various type flaps	Sivells, James C; Spooner, Stanley H	1-May-48	19930082231	NACA-TN-1579
Theoretical performance of liquid ammonia and liquid fluorine as a rocket propellant	Gordon, Sanford; Huff, Vearl N	16-Mar-53	19930087555	NACA-RM-E53A26
Evaluation of a compressor bleed system for RIM cooling the turbine wheel of a turbojet engine	Morse, C R; Kemp, R H	22-Mar-54	19930088028	NACA-RM-E53L22b
Flutter investigation in the transonic range of six airfoils attached to three freely falling bodies	Clevenson, S A; Lauten, William T , Jr	6-May-48	19930085794	NACA-RM-L7K17
Laminar boundary layer on cone in supersonic flow at large angle of attack	Moore, Franklin K	1-Nov-52	19930083598	NACA-TN-2844
An investigation of screens for removing distortions in ducted flows at high subsonic speeds	Wood, Charles C; Knip, Gerald JR	26-Sep-57	19930089756	NACA-RM-L57G08
A wind-tunnel investigation of the wing loads due to deflected inboard ailerons on a 45 degree sweptback wing at transonic speeds	Heath, Atwood R; Igoe, Ann W	21-Jul-58	19930090155	NACA-RM-L58E12
Performance at Mach numbers 3.07, 1.89, and 0 of inlets designed for inlet-engine matching up to Mach 3	Gertsma, L W; Beheim, M A	20-May-58	19930089989	NACA-RM-E58B13
Preliminary attempts at isothermal compression of a supersonic air stream	Perchonok, E; Wilcox, F	25-Jan-56	19930088946	NACA-RM-E55I29a
Longitudinal aerodynamic characteristics of a model airplane configuration equipped with a scaled X-1 airplane wing	Parks, James H	11-Apr-52	19930087892	NACA-RM-L51L10a
Wind-tunnel investigation of a wing-root inlet configuration with various modifications at Mach numbers of 1.41, 1.81, and 2.01	Robins, A Warner	26-Sep-57	19930089509	NACA-RM-L57A28
Stress-strain and elongation graphs for aluminum alloy R301 sheet	Miller, James A	1-Feb-46	19930081780	NACA-TN-1010
Lead susceptibility of several fuels as determined in an air-cooled aircraft-engine cylinder	Hensley, Reece V	1-Feb-46	19930093420	NACA-WR-E-220, NACA-RB-E6A07
Investigation at Mach numbers to 1.04 of blade-loading characteristics of two full-scale three-blade supersonic propellers differing in blade-section camber	Salters, Leland B , Jr	12-Sep-57	19930089673	NACA-RM-L57C19
Motion of a ballistic missile angularly misaligned with the flight path upon entering the atmosphere and its effect upon aerodynamic heating, aerodynamic loads, and miss distance	Allen, Julian H	1-Oct-57	19930084822	NACA-TN-4048
Influence of airfoil trailing-edge angle and trailing-edge-thickness variation on the effectiveness of a plain flap at high subsonic Mach numbers	Hemenover, Albert D; Graham, Donald J	1-Jun-54	19930083898	NACA-TN-3174

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Buckling of a long square tube in torsion and compression	Budiansky, Bernard; Stein, Manuel; Gilbert, Arthur C	1-Nov-48	19930082379	NACA-TN-1751
Wind-tunnel investigation of high-lift and stall-control devices on a 37 degree sweptback wing of aspect ratio 6 at high Reynolds numbers	Koven, William; Graham, Robert R	2-Sep-48	19930093752	NACA-RM-L8D29
An analysis of airspeeds attained by a Douglas DC-4 airplane in commercial operations during the early months of 1947	Steiner, Roy	6-Oct-49	19930085825	NACA-RM-L8K24
Effect of Mach number on boundary-layer transition in the presence of pressure rise and surface roughness on an ogive-cylinder body with cold wall conditions	Carros, Robert J	20-Apr-56	19930089440	NACA-RM-A56B15
Two-spool matching procedures and equilibrium characteristics of a two-spool turbojet engine	Dugan, James F , Jr	28-Jul-54	19930088212	NACA-RM-E54F09
Calculations on the forces and moments for an oscillating wing-aileron combination in two-dimensional potential flow at sonic speed	Nelson, Herbert C; Berman, Julian H	1-Jan-52	19930083414	NACA-TN-2590
The oxidation of metals and alloys	Scheil, Erich	1-Jun-52	19930093892	NACA-TM-1338
Finite span wings in compressible flow	Krasilschchikova, E A	1-Sep-56	19930093847	NACA-TM-1383
Investigation of internal film cooling of exhaust nozzle of a 1000-pound-thrust liquid-ammonia liquid-oxygen rocket	Abramson, Andrew E	17-Jun-52	19930087202	NACA-RM-E52C26
An analysis of the effects of aeroelasticity on static longitudinal stability and control of a swept-back-wing airplane	Skoog, Richard B	27-Aug-51	19930086551	NACA-RM-A51C19
Transonic drag characteristics and pressure distribution on the body of a wing-body combination consisting of a body of revolution of fineness ratio 12 and a wing having sweepback of 45 degrees, aspect ratio 4, taper ratio 0.6, and NACA 65A006 airfoi	Kurbjun, Max C; Thompson, Jim Rogers	8-Apr-52	19930087074	NACA-RM-L52B12
Wear and sliding friction properties of nickel alloys suited for cages of high-temperature rolling-contact bearings II : alloys retaining mechanical properties above 600 F	Johnson, Robert L; Swikert, Max A; Bisson, Edmond E	1-Aug-52	19930083530	NACA-TN-2759
Flight investigation of the cooling characteristics of a two-row radial engine installation I : cooling correlation	Bell, E Barton; Morgan, James E; Disher, John H; Mercer, Jack R	1-Jul-46	19930081717	NACA-TN-1092
Turbine-rotor-blade designs based on one-dimensional-flow theory I : performance of single-stage turbine having 40-percent reaction	English, Robert E; Hauser, Cavour H	10-Jun-49	19930085897	NACA-RM-E9C15
A method for evaluating the effects of drag and inlet pressure recovery on propulsion-system performance	Kremzier, Emil J	1-Aug-54	19930084001	NACA-TN-3261
Effect of heat and power extraction on turbojet-engine performance I : analytical method of performance evaluation with compressor-outlet air bleed	Hensley, Reece V; Rom, Frank E; Koutz, Stanley L	1-Mar-50	19930082726	NACA-TN-2053
Preliminary investigation of the heat shock resistant properties of molybdenum disilicide blades under centrifugal load	Long, Roger A; Frenche, John C	6-May-52	19930086873	NACA-RM-E52A17
Flame velocities of propane- and ethylene-oxygen-nitrogen mixtures	Dugger, Gordon L; Graab, Dorothy D	2-Jan-53	19930087564	NACA-RM-E52J24

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Investigation of a thin straight wing of aspect ratio 4 by the NACA wing-flow method : lift and pitching-moment characteristics of the wing alone	Rathert, George A , Jr; Hanson, Carl M; Rolls, L Stewart	14-Feb-49	19930085522	NACA-RM-A8L20
Current status of longitudinal stability	Donlan, Charles J	24-May-48	19930085350	NACA-RM-L8A28
Comparisons of theoretical and experimental lift and pressure distributions on airfoils in cascade	Katzoff, S; Bogdonoff, Harriet E; Boyet, Howard	1-Jul-47	19930082012	NACA-TN-1376
The effect of leading-edge extensions on the longitudinal characteristics at Mach numbers up to 0.92 of a wing-fuselage-tail combination having a 40 degree sweptback wing with NACA 64A thickness distribution	Sutton, Fred B	20-Jan-56	19930088940	NACA-RM-A55I29
On the use of coupled modal functions in flutter analysis	Woolston, Donald S; Runyan, Harry L	1-Jun-51	19930083105	NACA-TN-2375
A method for calculating the subsonic steady-state loading on an airplane with a wing of arbitrary plan form and stiffness	Gray, W L; Schenk, K M	1-Dec-53	19930083851	NACA-TN-3030
Dynamic response of turbine-blade temperature to exhaust-gas temperature for gas-turbine engines	Hood, Richard; Phillips, William E , Jr	20-Feb-52	19930087049	NACA-RM-E52A14
Pressure recovery at supersonic speeds through annular duct inlets situated in a region of appreciable boundary layer I : addition of energy to the boundary layer	Davis, Wallace F; Brajnikoff, George B	1-Apr-48	19930085334	NACA-RM-A8A13
Aerodynamic characteristics at high and low subsonic Mach numbers of four NACA 6-series airfoil sections at angles of attack from -2 to 31 degrees	Wilson, Homer B , Jr; Horton, Elmer A	5-Jun-53	19930087712	NACA-RM-L53C20
The lateral control characteristics of constant-percent-chord trailing-edge elevons on a pointed wing of aspect ratio 2 at Mach numbers up to 0.95	Reed, Verlin D; Smith, Donald W	14-Aug-53	19930087700	NACA-RM-A53F03
Performance of single-stage compressor designed on basis of constant total enthalpy with symmetrical velocity diagram at all radii and velocity ratio of 0.7 at rotor hub / Jack R. Burt and Robert J. Jackson	Burt, Jack R; Jackson, Robert J	6-Sep-51	19930086863	NACA-RM-E51F06
Tank investigation of a powered dynamic model of a large long-range flying boat - Langley tank model 180	Parkinson, John B; Olson, Roland E; Haar, Marvin I	1-Mar-47	19930081892	NACA-TN-1237
Fracture strength of 75S-T aluminum alloy under combined stress	Thomsen, E G; Lotze, I; Dorn, J E	1-Jul-48	19930082353	NACA-TN-1551
Effect of surface-active additives on physical properties of slurries of vapor-process magnesium	Pinns, Murray L	3-Nov-55	19930088824	NACA-RM-E55H26
Divergence of swept wings	Diederich, Franklin W; Budiansky, Bernard	1-Aug-48	19930082318	NACA-TN-1680
Experimental investigation of hot-gas bleedback for ice protection of turbojet engines I : nacelle with offset air inlet	Callaghan, Edmund E; Ruggeri, Robert S; Krebs, Richard P	9-Jul-48	19930085408	NACA-RM-E8D13
Effect of rivet or bolt holes on the ultimate strength developed by 24S-T and Alclad 75S-T sheet in incomplete diagonal tension	Levin, L Ross; Nelson, David H	1-Jan-47	19930081942	NACA-TN-1177
Altitude-test-chamber investigation of performance of a 28-inch ram-jet engine IV : effect of inlet-air temperature, combustion-chamber-inlet Mach number, and fuel volatility on combustion performance	Kahn, Robert W; Nakanishi, Shigeo; Harp, James L , Jr	27-Jul-51	19930086611	NACA-RM-E51D11

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A preliminary investigation of the static stability characteristics of four airplane-like configurations at Mach numbers from 3.00 to 6.28	Wong, Thomas J; Gloria, Hermilo R	26-Mar-56	19930089274	NACA-RM-A56A06
Stress distribution in a beam of orthotropic material subjected to a concentrated load	Smith, C B; Voss, A W	1-Mar-48	19930082143	NACA-TN-1486
Theoretical investigation of the stability at negative static margins of a supersonic missile with an autopilot sensitive to pitch angle and pitching velocity	Cole, Henry, A , jr; Abramovitz, Marvin	17-Mar-52	19930087033	NACA-RM-A52A14
Flight investigation of the pressure distributions and loads on a front and rear sliding canopy	Huston, Wilber B; Skopinski, T H	4-Apr-50	19930086253	NACA-RM-L50B03
Interferometer corrections and measurements of laminar boundary layers in supersonic stream	Blue, Robert E	1-Jun-50	19930082813	NACA-TN-2110
Theoretical and experimental analysis of low-drag supersonic inlets having a circular cross section and a central body at Mach numbers of 3.30, 2.75, and 2.45	Ferri, Antonio; Nucci, Louis M	10-Nov-48	19930085585	NACA-RM-L8H13
The effect of geometric dihedral on the aerodynamic characteristics of a 40 degree swept-back wing of aspect ratio 3	Maggin, Bernard; Shanks, Robert E	1-Dec-46	19930081920	NACA-TN-1169
Characteristics of flow over inclined bodies of revolution	Allen, H Julian; Perkins, Edward W	5-Mar-51	19930086529	NACA-RM-A50L07
Effect on transonic and supersonic drag of a fuselage protuberance of an essential unswept wing-fuselage combination	Sandahl, Carl A	5-Jan-54	19930088006	NACA-RM-L53K10
Investigation of a chromium plus aluminum oxide metal-ceramic body for possible gas turbine blade application	Hoffman, Charles A	16-Nov-53	19930087812	NACA-RM-E53G07
Comparison of effects of ailerons and combinations of spoiler-slot-deflector arrangements on spin recovery of sweptback-wing model having mass distributed along the fuselage	Healy, Frederick, M; Klinar, Walter J	24-Nov-54	19930088486	NACA-RM-L54I14
Evaluation of a ducted-fan power plant designed for high output and good cruise fuel economy	Behun, M; Rom, F E; Hensley, R V	17-Oct-50	19930086156	NACA-RM-E50E01
Summary of locations and extents of turbulent areas encountered during flight investigations of the jet stream from October 1953 to May 1954 and November 1954 to July 1955	Fetner, Mary W	2-Apr-56	19930090582	NACA-RM-L55H04a
Stability and drag characteristics at Mach numbers from 0.8 to 1.5 of a free-flight model having 3-percent-thick, 60 degree triangular wing and horizontal tail surfaces	Chapman, Rowe, Jr; Wallskog, Harvey A	30-Aug-54	19930088424	NACA-RM-L54G23a
Possible application of blade boundary-layer control to improvement of design and off-design performance of axial-flow turbomachines	Sinnette, John T , Jr; Costello, George R	1-May-51	19930083082	NACA-TN-2371
Turbojet combustor performance with injection of hydrogen peroxide for thrust augmentation	Metzler, Allen J; Grobman, Jack S	17-Apr-56	19930089251	NACA-RM-E56A20a

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Exploratory investigation of a helicopter pressure-jet system on the Langley helicopter test tower	Makofski, Robert A; Shivers, James P	27-Jul-56	19930089228	NACA-RM-L56B17
Pressure distribution over a plug-type spoiler-slot aileron on a tapered wing with full span slotted flaps	Lowry, John G; Turner, Thomas R	1-Jun-46	19930081689	NACA-TN-1079
A modified Reynolds analogy for the compressible turbulent boundary layer on a flat plate	Rubesin, Morris W	1-Mar-53	19930083627	NACA-TN-2917
Factors controlling air-inlet flow distortions	Sterbentz, William H	6-Apr-56	19930089237	NACA-RM-E56A30
Performance characteristics of several short annular diffusers for turbojet engine afterburners	Mallett, William E; Harp, James L , Jr	13-May-54	19930089288	NACA-RM-E54B09
Experimental investigation of transpiration cooling for a turbulent boundary layer in subsonic flow using air as a coolant	Brunk, William E	1-Oct-57	19930084806	NACA-TN-4091
Aerodynamic loads on an external store adjacent to a 45 degree sweptback wing at Mach numbers from 0.70 to 1.96, including an evaluation of techniques used	Guy, Lawrence D; Hadaway, William M	15-Nov-55	19930093831	NACA-RM-L55H12
Performance characteristics of an axial-flow transonic compressor operating up to tip relative inlet Mach number of 1.34	Creagh, John W R	17-Aug-56	19930089364	NACA-RM-E56D27
Experimental investigation on the Langley helicopter test tower of compressibility effects on a rotor having NACA 63(sub 2)-015 airfoil sections	Shivers, James P; Carpenter, Paul J	1-Dec-56	19930084603	NACA-TN-3850
Mechanical and corrosion tests of spot-welded aluminum alloys	Hess, W F; Wyant, R A; Winsor, F J; Nash, R R	1-Dec-51	19930083426	NACA-TN-2538
Low-speed investigation of the effects of location of a delta and a straight tail on the longitudinal stability and control of a thin delta wing with extended double slotted flaps	Riebe, John M; Graven, Jean C , Jr	5-Jan-54	19930087948	NACA-RM-L53J26
Estimation of F-3 and F-4 knock-limited performance ratings for ternary and quaternary blends containing triptane or other high-antiknock aviation-fuel blending agents	Barnett, Henry C	1-Jan-48	19930093408	NACA-WR-E-250, NACA-MR-E5A29
A transonic wind-tunnel investigation of an unswept-wing-body combination at angles of attack up to 24 degrees	Estabrooks, Bruce B	6-Feb-53	19930087492	NACA-RM-L52L19
Wind-tunnel investigation of an external-flow jet-augmented slotted flap suitable for application to airplanes with pod-mounted jet engines	Campbell, John P; Johnson, Joseph L , Jr	1-Dec-56	19930084762	NACA-TN-3898
The effect of nose radius and shape on the aerodynamic characteristics of a fuselage and a wing-fuselage combination at angles of attack	Gapcynski, John P; Robins, A Warner	22-Oct-53	19930090487	NACA-RM-L53I23a
Flight measurements with the Douglas D-558-II (BuAero No. 37974) research airplane : dynamic lateral stability	Stillwell, W H; Wilmerding, J V	18-Jun-51	19930086606	NACA-RM-L51C23
Force tests of three thin wings of moderately low aspect ratio at high subsonic Mach numbers	Jordan, Gareth H	17-Oct-52	19930087312	NACA-RM-L52I08
A simplified mathematical model for calculating aerodynamic loading and downwash for wing-fuselage combinations with wings of arbitrary plan form	Zlotnick, Martin; Robinson, Samuel W , Jr	1-Jan-54	19930083746	NACA-TN-3057

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Effect of an autopilot sensitive to yawing velocity on the lateral stability of a typical high-speed airplane	Gates, Ordway B , Jr; Sternfield, Leonard	1-Sep-51	19930081245	NACA-TN-2470
Method for determining distribution of luminous emitters in cone of laminar Bunsen flame	Clark, Thomas P	1-Jan-51	19930082886	NACA-TN-2246
A collection of data for zero-lift damping in roll of wing-body combinations as determined with rocket-powered models equipped with roll-torque nozzles	Stone, David G	8-Jul-53	19930087618	NACA-RM-L53E26
Effect of air distribution on radial temperature distribution in one-sixth sector of annular turbojet combustor	Mark, Herman; Zettle, Eugene V	5-Apr-50	19930086009	NACA-RM-E9I22
General theory of conical flows and its application to supersonic aerodynamics	Germain, Paul	1-Jan-55	19930093876	NACA-TM-1354
Buckling of rectangular sandwich plates subjected to edgewise compression with loaded edges simply supported and unloaded edges clamped	Yen, Kuo Tai; Salerno, V L; Hoff, N J	1-Jan-52	19930083258	NACA-TN-2556
Investigation of a thin wing of aspect ratio 4 in the Ames 12-foot pressure wind tunnel IV : the effect of a constant-chord leading-edge flap at high subsonic speeds	Reed, Verlin D; Johnson, Ben H , Jr	20-Jan-49	19930085607	NACA-RM-A8K19
Spark ignition of flowing gases V : application of fuel-air-ratio and initial-temperature data to ignition theory	Swett, Clyde C , Jr	1-Nov-55	19930088883	NACA-RM-E55I16
Summary of experimental heat-transfer measurements in turbulent flow for a Mach number range from 0.87 to 5.05	Brevoort, Maurice J; Arabian, Barbara D	1-May-58	19930085223	NACA-TN-4248
Theoretical analysis of oscillations in hovering of helicopter blades with inclined and offset flapping and lagging hinge axes	Morduchow, M; Hinchey, F G	1-Dec-50	19930082876	NACA-TN-2226
Stress analysis by recurrence formula of reinforced circular cylinders under lateral loads	Duberg, John E; Kempner, Joseph	1-Mar-47	19930082107	NACA-TN-1219
Aerodynamic characteristics at Mach number of 4.06 of a typical supersonic airplane model using body and vertical-tail wedges to improve directional stability	Dunning, Robert W	3-Dec-57	19930089807	NACA-RM-L57I10
Minimum drag of 0.11-scale rocket-powered models of the Chance Vought XF8U-1 airplane, with and without nose modifications, at Mach numbers between 0.85 and 1.30 : TED No. NACA DE 392	Blanchard, Willard S , Jr	14-Jun-54	19930088275	NACA-RM-SL54F17
A special method for finding body distortions that reduce the wave drag of wing and body combinations at supersonic speeds	Lomax, Harvard; Heaslet, Max A	20-May-55	19930088794	NACA-RM-A55B16
An experimental investigation of the unsteady lift induced on a wing in the downwash field of an oscillating canard control surface	Reese, David E , Jr	15-Aug-55	19930088769	NACA-RM-A55F01
Flight investigation at low angles of attack to determine the longitudinal stability and control characteristics of a cruciform canard missile configuration with a low-aspect-ratio wing and blunt nose at Mach numbers from 1.2 to 2.1	Brown, Clarence A , Jr	30-Sep-57	19930089194	NACA-RM-L55K16
Minimum-drag bodies of revolution in a nonuniform supersonic flow field	Rennemann, Conrad, Jr	1-Feb-55	19930084577	NACA-TN-3369

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Effect of compressibility and camber as determined from an investigation of the NACA 4-(3)(08)-03 and 4-(5)(08)-03 two-blade propellers up to forward Mach numbers of 0.925	Carmel, Melvin M; Morgan, Francis G , Jr; Coppolino, Domenic A	29-Jun-50	19930086142	NACA-RM-L50D28
Full-scale free-jet investigation of a two-shock side-inlet diffuser at Mach 2.75 and a comparison with a single-shock diffuser	Mcaulay, John E	24-Apr-57	19930089520	NACA-RM-E57A31
Strength of heat-resistant laminates up to 375 C	Axilrod, Benjamin M; Sherman, Martha A	1-Jan-51	19930082931	NACA-TN-2266
Aerodynamic and lateral-control characteristics of a 1/28-scale model of the Bell X-1 airplane wing-fuselage combination : transonic-bump method	Lockwood, Vernard E	5-May-50	19930086305	NACA-RM-L50C22
On the Kernel function of the integral equation relating the lift and downwash distribution of oscillating finite wings in subsonic flow	Watkins, Charles E; Runyan, Harry L; Woolston, Donald S	1-Jan-54	19930083945	NACA-TN-3131
An experimental investigation at large scale of several configurations of an NACA submerged air intake	Holzhauser, Curt A; Martin, Norman J	19-Oct-48	19930085452	NACA-RM-A8F21
Calculated performance of a compression-ignition engine-compressor-turbine combination based on experimental data	Mendelson, Alexander	1-Dec-48	19930082446	NACA-TN-1774
Low-speed aileron effectiveness as determined by force tests and visual-flow observations on a 52 degree sweptback wing with and without chord-extensions	Cancro, Patrick A	29-Apr-53	19930087846	NACA-RM-L53B26
Effect of ignitor design and ignitor spark-gap environment on ignition in a turbojet combustor	Foster, Hampton H; Straight, David M	1-Apr-54	19930088115	NACA-RM-E54A14
Effectiveness of various protective coverings on magnesium fins at Mach number 2.0 and stagnation temperatures up to 3,600 R	Bland, William M , Jr	9-Jan-58	19930090099	NACA-RM-L57J17
An investigation at Mach numbers 1.94 and 2.41 of jet effects upon the longitudinal and directional stability of a general aircraft configuration employing wing-tip-mounted nacelles	Clark, Frank L; Edwards, Clyde L W	4-Mar-58	19930089973	NACA-RM-L57L18a
Bench-test investigation of the transient-response characteristics of several simulated airplanes incorporating an autopilot sensitive to yawing accelerations	Howard, Donald A	1-Jul-51	19930083111	NACA-TN-2395
Downwash characteristics and vortex-sheet shape behind a 63 degrees swept-back wing-fuselage combination at a Reynolds number of 6.1 x 10(exp 6)	Tolhurst, William H , Jr	15-Dec-52	19930087391	NACA-RM-A52J08
Handbook of structural stability part VI : strength of stiffened curved plates and shells	Becker, Herbert	1-Jul-58	19930084534	NACA-TN-3786
A study of the application of power-spectral methods of generalized harmonic analysis to gust loads on airplanes	Press, Harry; Mazelsky, Bernard	1-Jan-53	19930083582	NACA-TN-2853
Cooling characteristics of an experimental tail-pipe burner with an annular cooling-air passage	Kaufman, Harold R; Koffel, William K	26-Feb-52	19930087982	NACA-RM-E51K23
Investigation to determine effects of center-of-gravity location on the transonic flutter characteristics of a 45 degree sweptback wing	Jones, George W , Jr; Unangst, John R	20-Feb-56	19930089046	NACA-RM-L55K30

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Method for determining pressure drop of air flowing through constant-area passages for arbitrary heat-input distributions	Pinkel, Benjamin; Noyes, Robert N; Valerino, Michael F	1-Sep-50	19930082835	NACA-TN-2186
Photographic studies of preignition environment and flame initiation in turbojet-engine combustors	Straight, David M; Gernon, J Dean	6-Feb-53	19930087317	NACA-RM-E52I11
Factors affecting laminar boundary layer measurements in a supersonic steam	Blue, Robert E; Low, George M	1-Feb-53	19930083810	NACA-TN-2891
Measurements of flying qualities of an F-47D-30 airplane to determine longitudinal stability and control and stalling characteristics	Kraft, Christopher C; Goranson, R Fabian; Reeder, John P	1-Feb-53	19930083857	NACA-TN-2899
An improved approximate method for calculating lift distributions due to twist	Sivells, James C	1-Jan-51	19930082939	NACA-TN-2282
Wind-tunnel investigation at low speeds to determine the effect of aspect ratio and end plates on a rectangular wing with jet flaps deflected 85 degrees	Lowry, John G; Vogler, Raymand D	1-Dec-56	19930084682	NACA-TN-3863
Comparison of the structural efficiency of panels having straight-web and curved-web Y-section stiffeners	Dow, Norris F; Hickman, William A	1-Jan-49	19930082461	NACA-TN-1787
Preliminary performance data of several tail-pipe-cascade-type model thrust reversers	Henzel, James G , Jr; Mcardle, Jack G	29-Aug-55	19930088784	NACA-RM-E55F09
Propellant vaporization as a criterion for rocket-engine design : calculations of chamber length to vaporize various propellants	Priem, Richard J	1-Sep-58	19930084722	NACA-TN-3883
Effects of Mach Number Up to 0.34 and Reynolds Number up to 8 X 10(exp 6) Power on the Maximum Lift Coefficient of a Wing of NACA 66-Series Airfoil Sections	Furlong, G Chester; Fitzpatrick, James E	1-Dec-50	19930082891	NACA-TN-2251
A new method of analyzing extreme-value data	Lieblein, Julius	1-Jan-54	19930083711	NACA-TN-3053
An analytical method of estimating turbine performance	Kochendorfer, Fred D; Nettles, J Cary	29-Dec-48	19930085556	NACA-RM-E8I16
Preliminary metallographic studies of ball fatigue under rolling-contact conditions	Bear, H Robert; Butler, Robert H	1-Mar-57	19930084904	NACA-TN-3925
Aerodynamic study of a wing-fuselage combination employing a wing swept back 63 degrees : effectiveness at supersonic speeds of a 30-percent chord, 50-percent semispan elevon as a lateral control device	Olson, Robert N; Mead, Merrill H	18-Jan-51	19930086476	NACA-RM-A50K07
Investigation of a high-pressure ratio eight-stage axial-flow research compressor with two transonic inlet stages III : individual stage performance characteristics	Voit, Charles H; Geye, Richard P	1-Nov-54	19930088352	NACA-RM-E54H17
Flight determination of the effects of wing vortex generators of the aerodynamic characteristics of the Douglas D-558-I airplane	Beeler, De E; Bellman, Donald R; Griffith, John H	14-Aug-51	19930086681	NACA-RM-L51A23
An analysis of the pressure distribution measured on a body of revolution at transonic speeds in the slotted test section of the Langley 8-foot transonic tunnel	Estabrooks, Bruce B	25-Jun-52	19930087194	NACA-RM-L52D21a
Synthesis of cyclopropane hydrocarbons from methylcyclopropyl ketone I : 2-cyclopropylpropene and 2-cyclopropylpropane	Slabey, Vernon A; Wise, Paul H	1-Jan-51	19930082923	NACA-TN-2258

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Tank investigation of the hydrodynamic characteristics of a 1/3.33-scale jet-powered dynamic model of the Martin XP6M-1 flying boat with a revised forebody planing bottom : TED No. NACA DE 385	Blanchard, Ulysse J; Carter, Arthur W	20-Oct-55	19930089038	NACA-RM-SL55J17
Theoretical and experimental investigation of arbitrary aspect ratio, supercavitating hydrofoils operating near the free water surface	Johnson, Virgil E , Jr	12-Dec-57	19930089946	NACA-RM-L57I16
Low-speed investigation of a small triangular wing of aspect ratio 2.0 II : flaps on flat-plate models	Rose, Leonard M	9-Aug-48	19930085863	NACA-RM-A7L11
Preliminary investigation of a fin-actuated jet-vane control system for stabilization of rocket-powered models	Wineman, Andrew R	17-Jan-51	19930086425	NACA-RM-L50K17
Schlieren investigation of the wing shock-wave boundary-layer interaction in flight	Cooper, George E; Bray, Richard S	19-Sep-51	19930086788	NACA-RM-A51G09
Lift, drag, and pitching moment of low-aspect-ratio wings at subsonic and supersonic speeds : plane triangular wing of aspect ratio 4 with 3-percent-thick rounded nose section	Heitmeyer, John C; Hightower, Ronald C	29-Aug-51	19930086728	NACA-RM-A51F21
Quantitative study of variations in concentration of glycerol and aerosol OT on foaming volume of oil at room temperature	Mcbain, J W; Ross, Sydney	1-Apr-49	19930082501	NACA-TN-1841
Wind-tunnel investigation at Mach numbers of 2.0 and 2.9 of several configurations of a supersonic ram-jet test vehicle	Spahr, J Richard; Robinson, Robert A	18-Aug-50	19930086275	NACA-RM-A50C20
Experimental pressure distributions over wing tips at Mach number 1.9 I : wing tip with subsonic leading edge	Jagger, James M; Mirels, Harold	27-Jan-49	19930085537	NACA-RM-E8K26
Preliminary investigation of the effects of heat transfer on boundary-layer transition on a parabolic body of revolution (NACA RM-10) at a Mach number of 1.61	Czarnecki, K R; Sinclair, Archibald, R	29-Jul-52	19930087260	NACA-RM-L52E29a
Extrapolation techniques applied to matrix methods in neutron diffusion problems	Mccready, Robert R	1-Jul-55	19930084200	NACA-TN-3511
Experimental and theoretical aerodynamic characteristics of two low-aspect-ratio delta wings at angles of attack to 50 degrees at a Mach number of 4.07	Smith, Fred M	10-Jul-57	19930089935	NACA-RM-L57E02
Performance characteristics of canard-type missile with vertically mounted nacelle engines at Mach numbers 1.5 to 2.0	Obery, Leonard J; Krasnow, Howard S	29-Sep-52	19930087279	NACA-RM-E52H08
The path and motion of scale models of jettisonable nose sections at supersonic speeds as determined from an investigation in the Langley free-flight apparatus	Gale, Lawrence J	23-May-50	19930086107	NACA-RM-L9J13a
A simple mechanical analogue for studying the dynamic stability of aircraft having nonlinear moment characteristics	Canning, Thomas N	1-Feb-54	19930083913	NACA-TN-3125
Flight investigation to determine the hinge moments of a beveled-edge aileron on a 45 degree sweptback wing at transonic and low supersonic speeds	Gardner, William N; Curfman, Howard J , Jr	12-Nov-47	19930085706	NACA-RM-L7H26
An investigation of jet effects on adjacent surfaces	Bressette, Walter E; Faget, Maxime A	28-Jun-55	19930088734	NACA-RM-L55E06

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Control effectiveness and hinge-moment characteristics at low-speed of large-chord, horn-balanced, flap-type controls on a triangular wing of aspect ratio 2	Dods, Jules B , Jr	18-Aug-52	19930087164	NACA-RM-A52F13
Supersaturation in the spontaneous formation of nuclei in water vapor	Sander, Adolf; Damkohler, Gerhard	1-Nov-53	19930093862	NACA-TM-1368
An evaluation of the use of ground radar for avoiding severe turbulence associated with thunderstorms	Thompson, J K; Lipscomb, V W	1-Oct-49	19930082639	NACA-TN-1960
Effect of convergent ejector nozzles on the boattail drag of a 16 degree conical afterbody at Mach numbers of 0.6 to 1.26	Cubbage, James M , Jr	17-Sep-55	19930090240	NACA-RM-L58G25
An investigation by the hodograph method of flow through a symmetrical nozzle with locally supersonic regions	Ehlers, F Edwards; Cohen, Hirsh G	1-Nov-51	19930083239	NACA-TN-2547
Preliminary investigation of porous walls as a means of reducing tunnel boundary effects at low-supersonic Mach numbers	Nelson, William J; Bloetscher, Frederick	13-Sep-50	19930086126	NACA-RM-L50D27
Aerodynamic characteristics in pitch of three structurally similar flexible wings with 45 degree sweep : a sweptback wing, a wing with M plan form, and a wing with W plan form	Mckee, John W; Croom, Delwin R; Naeseth, Rodger L	14-Dec-53	19930088286	NACA-RM-L53J02a
Preliminary free-flight investigation of the effects of rivets and lap joints on the drag of bodies at zero lift at supersonic Mach numbers to 2.1	Hopko, Russell N	20-Aug-52	19930090438	NACA-RM-L52F09
Free-flight pressure measurements over a flare-stabilized rocket model with a modified Von Karman nose for Mach numbers up to 4.3	Bland, William M , Jr; Kolenkiewicz, Ronald	13-Jan-58	19930089954	NACA-RM-L57J24
Estimation of the forces and moments acting on inclined bodies of revolution of high fineness ratio	Allen, H Julian	14-Nov-49	19930086014	NACA-RM-A9I26
Low-speed wind-tunnel investigation of the effects of propeller operation at high thrust on the longitudinal stability and trim of a twin-engine airplane configuration	Sleeman, William C , Jr; Linsley, Edward L	14-Jul-52	19930087298	NACA-RM-L52D04
Aerodynamic characteristics at high speeds of related full-scale propellers having different blade-section cambers	Maynard, Julian D; Salters, Leland B , Jr	31-Aug-48	19930093746	NACA-RM-L8E06
Turbojet combustor efficiency with ceramic-coated liners and with mechanical control of fuel wash on walls	Butze, Helmut F; Jonash, Edmund R	24-Nov-52	19930087306	NACA-RM-E52I25
Aerodynamic characteristics of the NACA 64-010 and 0010-1.10 40/1.051 airfoil sections at Mach numbers from 0.30 to 0.85 and Reynolds numbers from 4.0×10^6 (exp. 6) to 8.0×10^6 (exp. 6)	Loftin, Laurence K , Jr	1-Aug-54	19930083926	NACA-TN-3244
Investigation of a related series of turbine-blade profiles in cascade	Dunavant, James C; Erwin, John R	1-Oct-56	19930084558	NACA-TN-3802
On a class of exact solutions of the equations of motion of a viscous fluid	Yatseyev, V I	1-Feb-53	19930093881	NACA-TM-1349
Effects of plan form, airfoil section, and angle of attack on the pressures along the base of blunt-trailing-edge wings at Mach numbers of 1.41, 1.62, and 1.96	Goin, Kennith L	16-Sep-52	19930087183	NACA-RM-L52D21
Average skin-friction coefficients from boundary layer measurements on an ogive-cylinder body in flight at supersonic speeds	Loposer, J Dan	16-Jan-53	19930087426	NACA-RM-L52K28a

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Effect of carriage mass upon the loads and motions of a prismatic body during hydrodynamic impact	Markey, Melvin F	1-Mar-56	19930084353	NACA-TN-3619
Free-fall measurements at transonic velocities of the drag of a wing-body configuration consisting of a 45 degree swept-back wing mounted forward of the maximum diameter on a body of fineness ratio 12	Mathews, Charles W; Thompson, Jim Rogers	2-Apr-47	19930085806	NACA-RM-L6L26
Effect of aspect ratio and sweepback on the low-speed lateral control characteristics of untapered low-aspect-ratio wings equipped with retractable ailerons	Fischel, Jack; Hagerman, John R	1-May-51	19930083015	NACA-TN-2347
Rocket-engine throttling	Tomazic, William A	1-Jan-55	19930088927	NACA-RM-E55J20
Charts for determining preliminary values of span-load, shear, bending-moment, and accumulated-torque distributions of swept wings of various taper ratios	Wollner, Bertram C	6-Jul-48	19930085396	NACA-RM-L8A26
Investigation of effect of reduction of valve friction in a power control system by use of a vibrator	Phillips, William H	28-Jul-55	19930088753	NACA-RM-L55E18a
Stress analysis of columns and beam columns by the photoelastic method	Ruffner, B F	1-Mar-46	19930080794	NACA-TN-1002
Investigation of the effect of short fixed diffusers on starting blowdown jets in the Mach number range from 2.7 to 4.5	Moore, John A	1-Jan-56	19930084295	NACA-TN-3545
An experimental investigation of the scale relations for the impinging water spray generated by a planing surface	Mcbride, Ellis E	1-Feb-56	19930084338	NACA-TN-3615
Attenuation in a shock tube due to unsteady-boundary-layer action	Mirels, Harold	1-Aug-54	19930083932	NACA-TN-3278
Pressure-distribution measurements over an extensible leading-edge flap on two wings having leading-edge sweep of 42 degrees and 52 degrees	Salmi, Reino J	7-Mar-49	19930085878	NACA-RM-L9A18
Preliminary investigation of the drag characteristics of the NACA RM-10 missile at Mach numbers of 1.40 and 1.59 in the Langley 4- by 4-foot tunnel	Hasel, Lowell E; Hamilton, Clyde V; Sinclair, Archibald R	18-Apr-52	19930087055	NACA-RM-L52A14
Theoretical and experimental investigation of random gust loads Part I : aerodynamic transfer function of a simple wing configuration in incompressible flow	Hakkinen, Raimo J; Richardson, A S , Jr	1-May-57	19930084701	NACA-TN-3878
Remarks concerning the behavior of the laminar boundary layer in compressible flows	Tetervin, Neal	1-Jan-49	19930082480	NACA-TN-1805
Prediction of downwash behind swept-wing airplanes at subsonic speed	Deyoung, John; Barling, Warter H , Jr	1-Jan-55	19930084179	NACA-TN-3346
An assessment of the airplane drag problem at transonic and supersonic speeds	Donlan, Charles J	15-Jul-54	19930088265	NACA-RM-L54F16
Wind-tunnel investigation to determine the aerodynamic characteristics in steady roll of a model at high subsonic speeds	Kuhn, Richard E; Wiggins, James W	21-Jan-53	19930087405	NACA-RM-L52K24
Theory of supersonic potential flow in turbomachines	Wasserman, Robert H	1-Jun-52	19930083263	NACA-TN-2705
A study of Poisson's ratio in the yield region	Gerard, George; Wildhorn, Sorrel	1-Jan-52	19930083272	NACA-TN-2561
Effect of blade-section camber on aerodynamic characteristics of full-scale supersonic-type propellers at Mach numbers to 1.04	Maynard, Julian D; Swihart, John M; Norton, Harry T , Jr	19-Oct-56	19930089378	NACA-RM-L56E10

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Summary of methods of measuring angle of attack on aircraft	Gracey, William	1-Aug-58	19930085167	NACA-TN-4351
Drag and rolling-moment effectiveness of trailing-edge spoilers at Mach numbers 2.2 and 5.0	Canning, Thomas N; Derosé, Charles E	3-Oct-55	19930088803	NACA-RM-A55F15
Knock-limited performance of several branched paraffins and olefins	Genco, R S; Drell, I L	1-Jun-48	19930082332	NACA-TN-1616
A finite step method for the calculation of span loadings of unusual plan forms	Campbell, George S	16-Jul-51	19930086508	NACA-RM-L50L13
Transonic aerodynamic and trim characteristics of a multi-engine delta-wing airplane model	Swihart, John M; Foss, Willard E , Jr	17-Feb-56	19930088919	NACA-RM-L55I27b
Impingement of water droplets on a cylinder in an incompressible flow field and evaluation of rotating multicylinder method for measurement of droplet-size distribution, volume-median droplet size, and liquid-water content in clouds	Brun, Rinaldo J; Mergler, Harry W	1-Mar-53	19930083606	NACA-TN-2904
Accelerations and Passenger Harness Loads Measured in Full-Scale Light-Airplane Crashes	Eiband, A. Martin; Simpkinson, Scott H.; Black, Dugald O.	1-Aug-53	19930083730	NACA-TN-2991
Simple graphical solution of heat transfer and evaporation from surface heated to prevent icing	Gray, Vernon H	1-Oct-52	19930083505	NACA-TN-2799
An investigation of the characteristics of three NACA 1-series nose inlets at subcritical and supercritical Mach numbers	Pendley, Robert E; Smith, Norman F	13-Jan-49	19930085575	NACA-RM-L8L06
The theoretical characteristics of triangular-tip control surfaces at supersonic speeds Mach lines behind trailing edges	Kainer, Julian H; King, Mary Dowd	1-Jul-52	19930083307	NACA-TN-2715
Contribution of the wing panels to the forces and moments of supersonic wing-body combinations at combined angles	Spahr, J Richard	1-Jan-58	19930084923	NACA-TN-4146
Experimental evaluation by thermodynamic methods of work input to a centrifugal compressor operating with water injection	Kovach, Karl; Beede, William L; Hamrick, Joseph T	12-Jan-51	19930086402	NACA-RM-E50J31
Altitude investigation of performance of turbine-propeller engine and its components	Wallner, Lewis E; Saari, Martin J	5-Oct-50	19930086416	NACA-RM-E50H30
Flight measurements with the Douglas D-558-II (BuAero No. 37974) research airplane : low-speed stalling and lift characteristics	Stillwell, W H; Wilmerding, J V; Champine, R A	5-Sep-50	19930086379	NACA-RM-L50G10
Fatigue and static tests of flush-riveted joints	Howard, Darnley M; Smith, Frank C	1-Jun-52	19930083284	NACA-TN-2709
Recent data on controls	Stone, David G	30-Jan-52	19930087026	NACA-RM-L52A10
Elliptic cones alone and with wings at supersonic speeds	Jorgensen, Leland H	1-Oct-57	19930084799	NACA-TN-4045
Investigation of the use of the thermal decomposition of nitrous oxide to produce hypersonic flow of a gas closely resembling air	Sabol, Alexander P; Evans, John S	1-Mar-56	19930084367	NACA-TN-3624
A simplified method of elastic-stability analysis for thin cylindrical shells I : Donnell's equation	Batdorf, S B	1-Jun-47	19930082165	NACA-TN-1341
Effect of hydrocarbon type and chain length on uniform flame movement in quiescent fuel-air mixtures	Reynolds, Thaine W; Ebersole, Earl R	1-Jun-48	19930082257	NACA-TN-1609

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Investigation of axially symmetric flow over steps at transonic speeds with comparisons of estimated and experimental drag results	Holdaway, George H; Wallace, Minor R , Jr	22-Jul-57	19930089898	NACA-RM-A57E24
Cooling performance and structural reliability of a modified corrugated-insert air-cooled turbine blade with an integrally cast shell and base	Freche, John C; Schum, Eugene F	21-Jan-57	19930089599	NACA-RM-E56K09
Altitude investigation of 20-inch-diameter ram-jet engine with annular-piloted combustor	Henzel, James G; Trout, Arthur M	27-Aug-54	19930088398	NACA-RM-E54G12
Lift, drag, and pitching moment of low-aspect-ratio wings at subsonic and supersonic speeds : plane triangular wing of aspect ratio 3 with NACA 0003-63 section	Heitmeyer, John C	13-Sep-51	19930086700	NACA-RM-A51H02
Aerodynamic characteristics including pressure distribution of a fuselage and three combinations of the fuselage with swept-back wings at high subsonic speeds	Sutton, Fred B; Martin, Andrew	6-Feb-51	19930086388	NACA-RM-A50J26a
Comparison of large scale flight measurements of zero lift drag at Mach numbers from 0.9 to 1.7 of two wing-body combinations having similar 60 degree triangular wings with NACA 65A003 sections	Schult, Eugene D	25-Oct-50	19930086439	NACA-RM-L50I22
Effects of design details on the fatigue strength of 355-T6 sand-cast aluminum alloy	Holt, M; Eaton, I D	1-Jul-51	19930083344	NACA-TN-2394
A Ram-Jet Engine for Fighters	Sanger, E; Bredt, I	1-Oct-47	19930090913	NACA-TM-1106
Free-flight measurements of the zero-lift drag of several wings at Mach numbers from 1.4 to 3.8	Jackson, H Herbert	22-Jun-56	19930089113	NACA-RM-L56C13
Aerodynamic study of a wing-fuselage combination employing a wing swept back 63 degrees : effectiveness of an elevon as a longitudinal control and the effects of camber and twist on the maximum lift-drag ratio at supersonic speeds	Olson, Robert N; Mead, Merrill H	8-May-50	19930086313	NACA-RM-A50A31a
High-lift and lateral control characteristics of an NACA 652-215 semispan wing equipped with plug and retractable ailerons and a full-span slotted flap	Fischel, Jack; Vogler, Raymond D	1-Apr-49	19930082548	NACA-TN-1872
The compressible laminar boundary layer with heat transfer and arbitrary pressure gradient	Cohen, Clarence B; Reshotko, Eli	1-Apr-55	19930084105	NACA-TN-3326
Effects of combinations of aspect ratio and sweepback at high subsonic Mach numbers	Adler, Alfred A	4-Jun-47	19930085671	NACA-RM-L7C24
Wind-tunnel tests of a full-scale helicopter rotor with symmetrical and with cambered blade sections at advance ratios from 0.3 to 0.4	Mccloud, John L , III; Mccullough, George B	1-Sep-58	19930085269	NACA-TN-4367
Thrust characteristics of a series of convergent-divergent exhaust nozzles at subsonic and supersonic flight speeds	Fradenburgh, Evan A; Gorton, Gerald C; Beke, Andrew	12-Mar-54	19930088037	NACA-RM-E53L23
Thermodynamic study of air-cycle and mercury-vapor-cycle systems for refrigerating cooling air for turbines or other components	Nachtigall, Alfred J; Freche, John C; Esgar, Jack B	10-Oct-56	19930089296	NACA-RM-E56G13

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The subsonic static aerodynamic characteristics of an airplane model having a triangular wing of aspect ratio 3. II : lateral and directional characteristics	Savage, Howard F; Tinling, Bruce E	1-Aug-57	19930084790	NACA-TN-4042
Lumped reflector parameters for two-group reactor calculations	Schneider, Harold; Fieno, Daniel; Spooner, Robert B	26-Sep-52	19930087528	NACA-RM-E52H01
Effect of inlet-air-flow-distortions on steady-state performance of J65-B-3 turbojet engine	Smith, Ivan D; Braithwaite, W M; Calvert, Howard F	25-Jan-56	19930088856	NACA-RM-E55I09
Laminar boundary layer on a circular cone in supersonic flow at a small angle of attack	Moore, Franklin K	1-Oct-51	19930083293	NACA-TN-2521
Analysis of an induction blowdown supersonic tunnel	Bidwell, Jerold M	1-Apr-50	19930082696	NACA-TN-2040
Experimental investigation of air-side performance of liquid-metal to air heat exchangers	Gedeon, Louis; Conant, Charles W; Kaufman, Samuel J	16-Mar-56	19930089057	NACA-RM-E55L05
Comparison of locked-rotor and windmilling drag characteristics of an axial-flow-compressor type turbojet engine	Vincent, K R; Huntley, S C; Wilsted, H D	17-Jan-52	19930087213	NACA-RM-E51K15
Use of constant diffuser Mach number as a control parameter for variable-geometry inlets at Mach numbers of 1.8 to 2.0	Hearth, Donald P; Anderson, Bernhard H	4-Nov-57	19930089911	NACA-RM-E57G02
Determination of stresses in gas-turbine disks subjected to plastic flow and creep	Millenson, M B; Manson, S S	1-Jun-48	19930082308	NACA-TN-1636
Ignition delays of some nonaromatic fuels with low-freezing red fuming nitric acid in temperature range -40 to -105 F	Miller, Riley O	19-Jan-53	19930087381	NACA-RM-E52K20
Effects of canard surface size on stability and control characteristics of two canard airplane configuration at Mach numbers of 1.41 and 2.01	Spearman, M Leroy; Driver, Cornelius	6-Mar-58	19930089965	NACA-RM-L57L17a
Drag characteristics of rectangular and swept-back NACA 65-009 airfoils having various aspect ratios as determined by flight tests at supersonic speeds	Tucker, Warren A; Nelson, Robert L	22-Apr-47	19930085612	NACA-RM-L7C05
Critical combinations of shear and direct axial stress for curved rectangular panels	Schildcrout, Murry; Stein, Manuel	1-Aug-49	19930082606	NACA-TN-1928
Comparison of the aerodynamic characteristics of the NACA 0010 and 0010-64 airfoil sections at high subsonic Mach numbers	Polentz, Perry P	7-Oct-49	19930085945	NACA-RM-A9G19
Spontaneous ignition of pentaborane sprays in a hot-air stream	Lezberg, Erwin A; Lord, Albert M	23-Nov-56	19930088888	NACA-RM-E55F29a
Slotted-boundary interference effects on wedge airfoils at low supersonic Mach numbers	Nelson, William J; Vick, Allen R	30-Jul-53	19930087608	NACA-RM-L53F11
Inlet-air distortion effects on stall, surge, and acceleration margin of a turbojet engine equipped with variable compressor inlet guide vanes	Harry, David P , III; Lubick, Robert J	4-Oct-55	19930088581	NACA-RM-E54K26
Effect of combustion-chamber pressure and nozzle expansion ratio on theoretical performance of several rocket propellant systems	Morrell, Virginia E	25-May-56	19930086117	NACA-RM-E50C30
Longitudinal stability characteristics in maneuvering flight of the Convair XF-92A delta-wing airplane including the effects of wing fences	Sisk, Thomas R; Muhleman, Duane O	13-Jan-55	19930088516	NACA-RM-H54J27
Design and experimental evaluation of a light-weight turbine-wheel assembly	Morgan, W C; Kemp, R H	1-Jun-57	19930085228	NACA-TN-4023

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Short-bearing approximation for full journal bearings	Ocvirk, F W	1-Oct-52	19930083541	NACA-TN-2808
Altitude-Wind-Tunnel investigation of Westinghouse 19B-2, 19B-8, and 19XB-1 jet-propulsion engines V : combustion chamber performance	Boyd, Bemrose	26-Nov-48	19930093790	NACA-RM-E8J28d
The variation of atmospheric turbulence with altitude and its effect on airplane gust loads	Mcdougal, Robert L; Coleman, Thomas L; Smith, Philip L	9-Nov-53	19930087671	NACA-RM-L53G15a
Tolerable limits of oscillatory accelerations due to rolling motions experienced by one pilot during automatic-interceptor flight tests	Brissenden, Roy F; Cheatham, Donald C; Champine, Robert A	25-Jan-57	19930089632	NACA-RM-L56K20
Minimum drag of four versions of a swept-wing fighter airplane obtained from flight tests of rocket-boosted models at Mach numbers from 0.81 to 1.71	Hastings, Earl C , Jr	7-Sep-56	19930089399	NACA-RM-L56E25a
An investigation of cowl-flap and cowl-outlet designs for the Boeing B-29 power-plant installation	Conrad, E William	1-Jan-46	19930093279	NACA-WR-E-206, NACA-MR-E5K30a
Effect of several wing modifications on the subsonic and transonic longitudinal handling qualities of the Douglas D-558-II research airplane	Fischel, Jack; Reisert, Donald	5-Jun-56	19930090225	NACA-RM-H56C30
A wind-tunnel investigation of the static stability characteristics of a 1/8-scale ejectable pilot-seat combination at a Mach number of 0.8	Visconti, Fioravante; NUBER ROBERT J	7-Dec-51	19930086807	NACA-RM-L51H08
Influence of shear deformation of the cross section on torsional frequencies of box beams	Davenport, William W; Kruszewski, Edwin T	1-Oct-55	19930084207	NACA-TN-3464
Static longitudinal aerodynamic characteristics of a 52 degree sweptback wing of aspect ratio 2.88 at Reynolds numbers from 2,000,000 to 11,000,000	Fitzpatrick, James E; Foster, Gerald V	16-Nov-48	19930085470	NACA-RM-L8H25
Creep bending and buckling of nonlinearly viscoelastic columns	Kempner, Joseph	1-Jan-54	19930083963	NACA-TN-3137
A note on the drag due to lift of delta wings at Mach numbers up to 2.0	Osborne, Robert S; Kelly, Thomas C	9-Apr-53	19930087537	NACA-RM-L53A16a
Carbon deposition from AN-F-58 fuels in a J33 single combustor	Wear, Jerrold D; Douglass, Howard W	24-Jun-49	19930085851	NACA-RM-E9D06
Altitude wind tunnel investigation of high-temperature afterburners	Conrad, E William; Campbell, Carl E	26-Jun-52	19930086973	NACA-RM-E51L07
A comparison of flight measurements with calculations of the loss in rolling effectiveness due to wing twist	Wollner, Bertram C; Cooney, T V	27-Aug-48	19930085417	NACA-RM-L8F07
Performance of a radial-inlet impeller designed on the basis of two-dimensional-flow theory for an infinite number of blades	Johnsen, I A; Ritter, W K; Anderson, R J	1-Mar-47	19930082055	NACA-TN-1214
The effect of moment-of-area-rule modifications on the zero-lift drag of three wing-body combinations	Dickey, Robert R	2-May-58	19930090067	NACA-RM-A58A31
Drag and pitching-moment characteristics of the General Electric configuration 3.1 at a Mach number of 15 : COORD No. AF-AM-115	Sommer, Simon C	18-Nov-57	19930090137	NACA-RM-SA57K18
Lubricants of reduced flammability	Swarts, Donald E; Mecklenborg, Kenneth T; Frank, Charles E	1-Jan-54	19930083888	NACA-TN-3117
Survey of microstructures and mechanical properties of over-temperated S-816 turbine buckets from J47 engines	Floreen, S; Signorelli, R A	20-Mar-57	19930090215	NACA-RM-E56K30
Observations of turbulent-burst geometry and growth in supersonic flow	James, Carlton S	1-Apr-58	19930085190	NACA-TN-4235

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Investigation of horn balances on a 45 degree sweptback horizontal tail surface at high subsonic speeds	Johnson, Harold S; Thompson, Robert F	3-Dec-48	19930085490	NACA-RM-L8J01
Effect of fuel-air distribution on performance of a 16-inch ram-jet engine	CERVENKA A J; Dangle, E E	6-Jun-52	19930087086	NACA-RM-E52D08
Rotating-stall characteristics of a rotor with high hub-tip radius ratio	Costilow, Eleanor, L; Huppert, Merle C	1-Aug-55	19930083983	NACA-TN-3518
Tests to determine the effect of heat on the pressure drop through radiator tubes	Habel, Louis W; Gallagher, James J	1-Jul-47	19930081988	NACA-TN-1362
Comparison of airfoil sections on two triangular-wing-fuselage configurations at transonic speeds from tests by the NACA wing-flow method	Hall, Albert W; Mckay, James M	8-Aug-51	19930086839	NACA-RM-L51F01
Approximate relations and charts for low-speed stability derivatives of swept wings	Toll, Thomas A; Queijo, M J	1-May-48	19930082233	NACA-TN-1581
Investigation of titanium carbide base ceramals containing either nickel or cobalt for use as gas-turbine blades	Hoffman, C A; Cooper, A L	18-Aug-52	19930087557	NACA-RM-E52H05
Analysis of operational airline data to show the effects of airborne weather radar on the gust loads and operating practices of twin-engine short-haul transport airplanes	Copp, Martin R; Walker, Walter G	1-Nov-57	19930084897	NACA-TN-4129
Preliminary tank investigation of the use of single monoplane hydrofoils for high-speed airplanes	Rockett, John A; King, Douglas A	22-Mar-49	19930085871	NACA-RM-L9A17
Analysis of off-design operation of high Mach number supersonic turbojet engines	English, Robert E; Cavicchi, Richard H	4-Feb-54	19930088030	NACA-RM-E53J01
Pressure measurements on a sharply converging fuselage afterbody with jet on and off at Mach numbers from 0.8 to 1.6	Stoney, William E , Jr; Katz, Ellis	10-Aug-50	19930086201	NACA-RM-L50F06
Investigation of a high-temperature single-stage turbine suitable for air cooling and turbine stator adjustment I : design of vortex turbine and performance with stator at design setting	Heaton, Thomas R; Forrette, Robert E; Holeski, Donald E	25-May-54	19930090498	NACA-RM-E54C15
A wind-tunnel investigation of the aerodynamic characteristics of a full-scale supersonic-type three-blade propeller at Mach numbers to 0.96	Evans, Albert J; Liner, George	30-Jul-53	19930087682	NACA-RM-L53F01
Effect of inlet-air parameters on combustion limit and flame length in 8-inch-diameter ram-jet combustion chamber	Miller, R C; Cervenka, A J	22-Jul-48	19930085316	NACA-RM-E8C09
Variation of boundary-layer transition with heat transfer on two bodies of revolution at a Mach number of 3.12	Jack, John R; Diaconis, N S	1-Sep-55	19930084285	NACA-TN-3562
Flight calibration of angle-of-attack and sideslip detectors on the fuselage of a 35 degree swept-wing fighter airplane	Mcfadden, Norman M; Bray, Richard S; Rathert, George A , Jr	25-Feb-52	19930086993	NACA-RM-A52A04
Low-speed stability and damping-in-roll characteristics of some highly swept wings	Maggin, Bernard; Bennett, Charles V	1-May-47	19930081902	NACA-TN-1286
Stress-strain and elongation graphs for aluminum-alloy 75S-T6 sheet	Miller, James A	1-Apr-50	19930082795	NACA-TN-2085

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Combustion of aluminum borohydride in a supersonic wind tunnel	Fletcher, Edward A; Dorsch, Robert G; Gerstein, Melvin	20-Jun-55	19930088694	NACA-RM-E55D07a
High-speed wind-tunnel investigation of high lift and aileron-control characteristics of an NACA 65-210 semi-span wing	Fischel, Jack; Schneiter, Leslie E	1-Nov-47	19930082125	NACA-TN-1473
Wing-flow tests of a triangular wing of aspect ratio two I : effectiveness of several types of trailing-edge flaps on flat-plate models	Rathert, George A , Jr; Cooper, George E	14-Nov-47	19930085796	NACA-RM-A7G18
Carbon deposition of 19 fuels in an annular turbojet combustor	Jonash, Edmund R; Wear, Jerrold D	3-Feb-49	19930085620	NACA-RM-E8K22
Investigation of the laminar aerodynamic heat-transfer characteristics of a hemisphere-cylinder in the Langley 11-inch hypersonic tunnel at a Mach number of 6.8	Crawford, Davis H; Mccauley, William D	1-Jul-56	19930084472	NACA-TN-3706
Formulas for source, doublet, and vortex distributions in supersonic wing theory	Lomax, Harvard; Heaslet, Max A; Fuller, Franklyn B	1-Dec-50	19930083036	NACA-TN-2252
A modification to thin-airfoil-section theory, applicable to arbitrary airfoil sections, to account for the effects of thickness on the lift distribution	Graham, David	1-Feb-51	19930082957	NACA-TN-2298
Hydrodynamic drag of 12- and 21-percent-thick surface-piercing struts	Coffee, Claude W , Jr; Mckann, Robert E	1-Dec-53	19930083769	NACA-TN-3092
Friction of possible solid lubricants with various crystal structures	Peterson, Marshall B; Johnson, Robert L	1-Dec-54	19930084138	NACA-TN-3334
Effects of leading-edge radius on the longitudinal stability of two 45 degree sweptback wings incorporating leading edge camber as influenced by Reynolds numbers up to 8.00 x 10(exp 6) and Mach numbers up to 0.29	Foster, Gerald V	6-Oct-55	19930088997	NACA-RM-L55H04
Investigation of blade failures in a J34, eleven-stage axial-flow compressor	Calvert, Howard F; Meyer, Andre' J , Jr; Morse, C Robert	18-May-53	19930087335	NACA-RM-E52I16
An experimental study of a method for designing fuselage side air inlets for high performance at transonic and low supersonic speeds	Howell, Robert R; Treecot, Charles D , Jr	17-Jan-55	19930088865	NACA-RM-L55G19
The effect of end plates on swept wings at low speed	Riebe, John M; Watson, James M	1-Nov-50	19930082868	NACA-TN-2229
Effects of horizontal-tail height and a wing leading-edge modification consisting of a full-span flap and a partial-span chord-extension on the aerodynamic characteristics in pitch at high subsonic speeds of a model with a 45 degree sweptback wing	Morrison, William D; Alford, William J , Jr	16-Jun-53	19930087600	NACA-RM-L53E06
Evaluation of high-angle attack aerodynamic-derivative data and stall-flutter prediction techniques	Halfman, Robert L; Johnson, H C; Haley, S M	1-Nov-51	19930083408	NACA-TN-2533
Density profiles of subsonic boundary layers on a flat plate determined by x-ray and pressure measurements	Weltmann, Ruth N; Kuhns, Perry W	1-Feb-54	19930083804	NACA-TN-3098
A study of several parameters controlling the trajectories of a supersonic antiaircraft missile powered with solid- or liquid-fuel rockets	Huntsberger, Ralph F	24-Apr-47	19930085550	NACA-RM-A6G22
Effect of an adjustable supersonic inlet on the performance up to Mach number 2.0 of a J34 turbojet engine	Beke, Andrew; Englert, Gerald; Beheim, Milton	4-Jan-56	19930088913	NACA-RM-E55I27

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Estimated power reduction by water injection in a nonreturn supersonic wind tunnel	Cooper, Morton; Sevier, John R , Jr	1-Jan-53	19930083600	NACA-TN-2856
Investigation of effects of additives on storage properties of fuming nitric acids	Feiler, Charles E; Morrell, Gerald	8-Dec-52	19930087474	NACA-RM-E52J16
Exploratory investigation of performance of experimental fuel-rich hydrogen combustion system	Smith, Arthur L; Grobman, Jack S	25-Jun-58	19930090081	NACA-RM-E58C19a
Wing plan forms for high-speed flight	Jones, Robert T	1-Mar-46	19930081951	NACA-TN-1033
Aerodynamic Heating and Boundary-layer Transition on a 1/10-power nose shape in free flight at Mach numbers up to 6.7 and Free-stream Reynolds numbers up to 16×10^6	Garland, Benjamine J; Swanson, Andrew G; Speegle, Katherine C	17-Jun-57	19930089758	NACA-RM-L57E14a
Aerodynamic study of a wing-fuselage combination employing a wing swept back 63 degrees : subsonic Mach and Reynolds number effects on the characteristics of the wing and on the effectiveness of an elevon	Reynolds, Robert M; Smith, Donald W	11-Oct-48	19930085437	NACA-RM-A8D20
Preliminary investigation of self-excited vibrations of single planing surfaces	Mottard, Elmo J	1-Jun-56	19930084449	NACA-TN-3698
Interaction between the spars of semimonocoque wings with cutouts	Hoff, N J; Kase, Harry; Liebowitz, Harold	1-Jul-47	19930082089	NACA-TN-1324
Static stability and control of hypersonic gliders	Rainey, Robert W	7-Jul-58	19930090157	NACA-RM-L58E12a
Relation of microstructure to high-temperature properties of a wrought cobalt-base alloy stellite 21 (AMS 5385)	Clauss, F J; Weeton, J W	1-Mar-54	19930083839	NACA-TN-3108
Preliminary results from fatigue tests with reference to operational statistics	Gassner, E	1-May-50	19930093964	NACA-TM-1266
Exploratory investigation of the use of area suction to eliminate air-flow separation in diffusers having large expansion angles	Holzhauser, Curt A; Hall, Leo P	1-Oct-56	19930084516	NACA-TN-3793
An investigation of the control effectiveness of tip ailerons and spoilers on a low-aspect-ratio trapezoidal-wing airplane model at Mach numbers from 1.55 to 2.35	Wong, Norman D	12-Dec-57	19930089991	NACA-RM-A57I26a
Transportation of liquid fluorine	Ordin, Paul M	8-Nov-55	19930088948	NACA-RM-E55I23
Shear Lag in a Plywood Sheet-Stringer Combination Used for the Chord Member of a Box Beam	Borsari, Palamede; Yu, Ai-Ting	1-Mar-48	19930082075	NACA-TN-1443
Effect of retractable ignition plug on plug fouling by carbon deposits	Wear, Jerrold D; Locke, Theodore E	24-Aug-50	19930086208	NACA-RM-E50F14
The effect of wall interference upon the aerodynamic characteristics of an airfoil spanning a closed-throat circular wind tunnel	Graham, Donald J	1-Jan-46	19930092765	NACA-WR-A-12, NACA-ACR-5D21
Effects of altitude on turbojet engine performance	Fleming, William A	21-Dec-51	19930087116	NACA-RM-E51J15
Experimental investigation of the stability, control, and induced rolling moments of a canard missile airframe at a Mach number of 1.7	Chubb, Robert S	23-Sep-52	19930087242	NACA-RM-A52G29
An investigation at Mach number 2.40 of flap-type controls equipped with overhang nose balances	Mueller, James N	17-Nov-53	19930087894	NACA-RM-L53I21
Turbulence-intensity measurements in a jet of air issuing from a long tube	Little, Barney H , Jr; Wilbur, Stafford W	1-May-51	19930083096	NACA-TN-2361

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An investigation of ejection releases of submerged and semisubmerged dynamically scaled stores from a simulated bomb bay of a fighter-bomber airplane at supersonic speeds	Lee, John B; Carter, Howard S	26-Dec-56	19930089511	NACA-RM-L56I10
Effect of Misalignment of Strain-gage Components of Strain Rosettes	Manson, S S; Morgan, W C	1-Sep-46	19930081782	NACA-TN-1133
An analysis of estimated and experimental transonic downwash characteristics as affected by plan form and thickness for wing and wing-fuselage configurations	Weil, Joseph; Campbell, George S; Diederich, Margaret S	1-Apr-56	19930084374	NACA-TN-3628
Experimental investigation of air-cooled turbine blades in turbojet engine XI : internal-strut-supported rotor blade	Cochran, Reeves P; Stepka, Francis S; Krasner, Morton H	2-Jun-52	19930087146	NACA-RM-E52C21
Effect of chemical reactivity of lubricant additives on friction and surface welding at high sliding velocities	Bisson, Edmond E; Swikert, Max A; Johnson, Robert L	1-Aug-50	19930082763	NACA-TN-2144
Brief studies of turbojet combustor and fuel-system operation with hydrogen fuel at -400 F	Straight, David M; Smith, Arthur L; Christenson, Harold H; NACA	7-Mar-57	19930089675	NACA-RM-E56K27a
The aerodynamic characteristics of an aspect-ratio-20 wing having thick airfoil sections and employing boundary-layer control by suction	Cocke, Bennie W , Jr; Fink, Marvin P	1-Aug-53	19930083693	NACA-TN-2980
Aerodynamic characteristics of a circular cylinder at Mach number 6.86 and angles of attack up to 90 degrees	Penland, Jim A	1-Jan-57	19930084664	NACA-TN-3861
Lateral-control characteristics of various spoiler arrangements as measured in flight	Spahr, J Richard	1-Jan-47	19930081791	NACA-TN-1123
The zero-lift drag of a slender body of revolution (NACA RM-10 research model) as determined from tests in several wind tunnels and in flight at supersonic speeds	Evans, Albert J	1-Apr-53	19930083685	NACA-TN-2944
Some effects of aspect ratio and tail length on the contribution of a vertical tail to unsteady lateral damping and directional stability of a model oscillating continuously in yaw	Fisher, Lewis R	1-Jan-54	19930083900	NACA-TN-3121
Theoretical analysis of the interference effects of several supersonic-tunnel walls capable of absorbing the shock caused by the nose of a model	Matthews, Clarence W	26-May-58	19930090003	NACA-RM-L58B21
A meteorological measure of maximum gust velocities in clouds	Gringorten, I I; Press, H	1-Apr-48	19930082381	NACA-TN-1569
Photographic study of combustion in a rocket engine I : variation in combustion of liquid oxygen and gasoline with seven methods of propellant injection	Bellman, Donald R; Humphrey, Jack C	26-Aug-48	19930093754	NACA-RM-E8F01
High-speed wind-tunnel investigation of a flying-boat hull with high length-beam ratio	Riebe, John M; Naeseth, Rodger L	30-Jun-48	19930085827	NACA-RM-L7K28
Averaging of periodic pressure pulsations by a total-pressure probe	Johnson, R C	1-Oct-55	19930084320	NACA-TN-3568
Preliminary investigation of spoiler lateral control on a 42 degree sweptback wing at transonic speeds	Schneider, Leslie E; Ziff, Howard L	12-Aug-47	19930085699	NACA-RM-L7F19
Investigation of flow fluctuations at the exit of a radial-flow centrifugal impeller	Hamrick, Joseph T; Mizisin, John	13-Oct-52	19930090431	NACA-RM-E52H11
The excitation of unstable perturbations in a laminar friction layer	Pretsch, Joachim	1-Sep-52	19930093887	NACA-TM-1343

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Theoretical investigation of transonic similarity for bodies of revolution	Perl, William; Klein, Milton M	1-Dec-50	19930082881	NACA-TN-2239
Forces and moments on pointed blunt-nosed bodies of revolution at Mach numbers from 2.75 to 5.00	Dennis, David H; Cunningham, Bernard E	8-Aug-52	19930087189	NACA-RM-A52E22
A preliminary low-speed wind-tunnel investigation of a thin delta wing equipped with a double and a single slotted flap	Macleod, Richard G	15-Jan-52	19930086783	NACA-RM-L51J26
An extension of the investigation of the effects of heat transfer on boundary-layer transition on a parabolic body of revolution (NACA RM-10) at a Mach number of 1.61	Czarnecki, K R; Sinclair, Archibald R	1-Apr-54	19930083908	NACA-TN-3166
Simulator studies of jet reaction controls for use at high altitude	Stillwell, Wendell H; Drake, Hubert M	26-Sep-58	19930090235	NACA-RM-H58G18a
Internal-friction study of aluminum alloy containing 4 weight percent copper	Berry, B S; Nowick, A S	1-Aug-58	19930085162	NACA-TN-4225
Longitudinal stability and estimated flying qualities of the Douglas XF4D-1 airplane with and without external stores and rocket packets at Mach number from 0.8 to 1.36 as determined from flight tests of 0.10-scale rocket models : TED No. NACA DE 349	Blanchard, Willard S , Jr; Mitcham, Grady L	17-Nov-52	19930087376	NACA-RM-SL52K19a
A thermal equation for flame quenching	Potter, A E; Berlad, A L	1-Feb-55	19930084133	NACA-TN-3398
Investigation of the low-speed aerodynamic characteristics of a variable-sweep airplane model with a wing having partial-span cambered-leading-edge modifications	Becht, Robert E; Byrnes, Andrew L , Jr	16-Sep-52	19930087330	NACA-RM-L52G08a
Lift, drag, and pitching moment of low-aspect-ratio wings at subsonic and supersonic speeds : twisted and cambered triangular wing of aspect ratio 2 with NACA 0003-63 thickness distribution	Hall, Charles F; Heitmeyer, John C	12-Jun-51	19930086624	NACA-RM-A51E01
Investigation of an on-off inlet shock-position control on a 16-inch ram-jet engine	Wilcox, Fred A; Perchonok, Eugene; Hearth, Donald P	29-Nov-54	19930090505	NACA-RM-E54I21
Effects of three types of blunt trailing edges on the aerodynamic characteristics of a plane tapered wing of aspect ratio 3.1, with a 3-percent- thick biconvex section	Dugan, Duane W	22-Jul-52	19930087008	NACA-RM-A52E01
Measurements of boundary-layer transition at low speed on two bodies of revolution in a low-turbulence wind tunnel	Boltz, Frederick W; Kenyon, George C; Allen, Clyde Q	26-Sep-56	19930089442	NACA-RM-A56G17
Preliminary investigation of stress-rupture and tensile strength of thermenol, an iron-aluminum alloy	Gyorgak, Charles A	2-Aug-54	19930088214	NACA-RM-E54F10
Investigation of a three-stage transonic research axial-flow compressor : aerodynamic design and overall performance	Savage, Melvyn; Beatty, Loren A	27-Oct-55	19930088901	NACA-RM-L55G27
An analytical study of turbulent and molecular mixing in rocket combustion	Bittker, David A	1-Sep-58	19930085121	NACA-TN-4321
Critical combinations of bending, shear, and transverse compressive stresses for buckling of infinitely long flat plates	Johnson, Aldie E , Jr; Buchert, Kenneth P	1-Dec-51	19930083416	NACA-TN-2536
Development of a laminar boundary layer behind a suction point	Wuest, Walter	1-Mar-52	19930093894	NACA-TM-1336

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The use of area suction to increase the effectiveness of a trailing-edge flap on a triangular wing of aspect ratio 2	Kelly, Mark W; Tolhurst, William H , Jr	1-Apr-54	19930088247	NACA-RM-A54A25
Performance of a translating-double-cone axisymmetric inlet with cowl bypass at Mach numbers from 2.0 to 3.5	Connors, James F; Wise, George A	13-Nov-57	19930089864	NACA-RM-E57H07b
Effect of linear spanwise variations of twist and circular-arc camber on low-speed static stability, rolling, and yawing characteristics of a 45 degree sweptback wing of aspect ratio 4 and taper ratio 0.6	Jaquet, Byron M	1-Aug-52	19930083567	NACA-TN-2775
On solutions for the transient response of beams	Leonard, Robert W	1-Jun-58	19930085210	NACA-TN-4244
On the determination of certain basic types of supersonic flow fields	Ferrari, Carlo	1-Nov-54	19930093849	NACA-TM-1381
Concerning the flow about ring-shaped cowlings Part VIII : further measurements on annular profiles	Kuchemann, Dietrich; Weber, Johanna	1-Feb-52	19930093902	NACA-TM-1328
Investigation of the effects of variations in the Reynolds number between 0.4×10^6 to 3.0×10^6 on the low-speed aerodynamic characteristics of three low-aspect-ratio symmetrical wings with rectangular plan forms	Jones, George W , Jr	22-Sep-52	19930087204	NACA-RM-L52G18
Effect of an increase in hull length-beam ratio from 15 to 20 on the hydrodynamic characteristics of flying boats	Carter, Arthur W; Whitaker, Walter E , Jr	24-Aug-49	19930085927	NACA-RM-L9G05
Investigation of gases evolved during firing of vitreous coatings on steel	Moore, Dwight G; Mason, Mary A	1-Jan-53	19930083659	NACA-TN-2865
Propellant vaporization as a criterion for rocket engine design : relation between percentage of propellant vaporized and engine performance	Heidmann, Marcus F; Priem, Richard J	1-Mar-58	19930085136	NACA-TN-4219
Flight measurements at transonic speeds of the buffeting characteristics of the XF-92A delta-wing research airplane	Baker, Thomas F; Johnson, Wallace E	28-Apr-55	19930088625	NACA-RM-H54L03
Observations on the maximum average stress of flat plates buckled in edge compression	Schuette, E H	1-Feb-49	19930082290	NACA-TN-1625
Low-speed investigation of the effect of several flap and spoiler ailerons on the lateral characteristics of a 47.5 degree sweptback-wing-fuselage combination at a Reynolds number of 4.4×10^6	Pasamanick, Jerome; Sellers, Thomas B	8-Dec-50	19930086639	NACA-RM-L50J20
Effect of leading-edge chord-extensions on the aerodynamic characteristics of a 45 degree sweptback wing-fuselage combination at Mach numbers of 0.40 to 1.03	West, F E , Jr; Martz, Gladys S; Liner, George	14-Apr-53	19930087510	NACA-RM-L53B02
An analysis of the lateral stability of the Douglas D-558-II airplane equipped with a yaw damper, with special reference to the effect of yaw-damper rate-gyro spin-axis orientation	Gates, Ordway B , Jr; Schy, Albert A; Woodling, C H	16-Mar-53	19930087447	NACA-RM-L52K14a
Investigation at transonic speeds of a forward-located underslung air inlet on a body of revolution	Pierpont, P Kenneth; Braden, John A	29-Jan-53	19930087462	NACA-RM-L52K17
Preliminary investigation of zirconium boride ceramals for gas-turbine blade applications	Hoffman, Charles A	10-Apr-53	19930087432	NACA-RM-E52L15a

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Investigation of the pressure-loss characteristics of a turbojet inlet screen	Lankford, John L	1-Sep-47	19930082112	NACA-TN-1418
Investigation of the structural damping of a full-scale airplane wing	Fearnow, Dwight O	9-Mar-51	19930086553	NACA-RM-L51A04
Thermodynamic properties of gaseous nitrogen	Woolley, Harold W	1-Mar-56	19930084087	NACA-TN-3271
The influence of surface injection on heat-transfer and skin friction associated with the high-speed turbulent boundary layer	Rubesin, Morris W	20-Feb-56	19930089095	NACA-RM-A55L13
Supersonic-tunnel tests of two supersonic airplane model configurations	Ellis, Macon C , Jr; Hasel, Lowell E; Grigsby, Carl E	31-Dec-47	19930085746	NACA-RM-L7J15
An investigation of the low-speed static stability characteristics of complete models having sweptback and sweptforward wings	Spearman, M Leroy; Comisarow, Paul	19-Nov-48	19930085510	NACA-RM-L8H31
Performance characteristics of a normal-shock side inlet located downstream of a canard control surface at Mach numbers of 1.5 and 1.8/	Dryer, Murray; Beke, Andrew	29-Jul-52	19930087106	NACA-RM-E52F09
Theoretical determination of low-drag supercavitating hydrofoils and their two-dimensional characteristics at zero cavitation number	Johnson, Virgil E , Jr	30-Sep-57	19930089781	NACA-RM-L57G11a
Study of vortex shedding as related to self-excited torsional oscillations of an airfoil	Chuan, Raymond L; Magnus, Richard J	1-Sep-51	19930083532	NACA-TN-2429
Marine exposure tests on stainless steel sheet	Mitchler, Willard	1-Feb-47	19930081719	NACA-TN-1095
Investigation of a high-pressure-ratio eight-stage axial-flow research compressor with two transonic inlet stages V : preliminary analysis of over-all performance of modified compressor	Standahar, Raymond M; Geye, Richard P	23-May-55	19930088557	NACA-RM-E55A03
Aerodynamic characteristics of a wing with quarter-chord line swept back 45 degrees, aspect ratio 4, taper ratio 0.6, and NACA 65A006 airfoil section : transonic-bump method	Goodson, Kenneth W; Weil, Joseph	24-Feb-49	19930085899	NACA-RM-L9A21
Stress analysis of circular semimonocoque cylinders with cutouts by a perturbation load technique	Mccomb, Harvey G , Jr	1-Sep-54	19930083953	NACA-TN-3200
Lift hysteresis at stall as an unsteady boundary-layer phenomenon	Moore, Franklin K	1-Nov-55	19930084359	NACA-TN-3571
Thermal-shock resistance of a ceramic comprising 60 percent boron carbide and 40 percent titanium diboride	Yeomans, C M; Hoffman, C A	16-Mar-53	19930087633	NACA-RM-E52L31
Comparison of several methods for obtaining the time response of linear systems to either a unit impulse or arbitrary input from frequency-response data	Donegan, James J; Huss, Carl R	1-Jul-56	19930084458	NACA-TN-3701
Time-temperature parameters and an application to rupture and creep of aluminum alloys	Heimerl, George J	1-Jun-54	19930084003	NACA-TN-3195
Section thrust coefficients for a full-scale, three-blade, supersonic-type propeller operating at low and negative blade angles	Salters, Leland B; Lewis, Martha C	17-Mar-58	19930089835	NACA-RM-L58A03
Review of the toxicological properties of pentaborane, diborane, decaborane, and boric acid	Lamberti, Joseph M	6-Dec-56	19930090289	NACA-RM-E56H13a

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Some wind-tunnel experiments on single-degree-of-freedom flutter of ailerons in the high subsonic speed range	Clevenson, Sherman A	1-Jun-56	19930084422	NACA-TN-3687
Tables of wing-aileron coefficients of oscillating air forces for two-dimensional supersonic flow	Huckel, Vera; Durling, Barbara J	1-Mar-50	19930082728	NACA-TN-2055
Error in airspeed measurement due to static pressure field ahead of an open nose air inlet model at transonic speeds	O'Bryan, Thomas C	6-Mar-52	19930086875	NACA-RM-L52A17
Downwash and dynamic pressure at the horizontal tail of a six-engine pusher-propelled airplane	Furlong, G Chester	19-Jul-48	19930085460	NACA-RM-L8F21
Wind-tunnel investigation of the effect of power and flaps on the static longitudinal stability characteristics of a single-engine low-wing airplane model	Wallace, Authur R; Rossi, Peter F; Wells, Evalyn G	1-Apr-47	19930081957	NACA-TN-1239
Effect of hull length-beam ratio on the hydrodynamic characteristics of flying boats in waves	Carter, Arthur W	1-Jan-49	19930082454	NACA-TN-1782
Contributions of wing, tail, and fuselage to the aerodynamic characteristics of a semispan model of a supersonic airplane configuration at transonic speeds from tests by the NACA wing-flow method	Silsby, Norman S; Mckay, James M	11-Jul-51	19930086674	NACA-RM-L51E01
Poisson's ratios and volume changes for plastically orthotropic material	Stowell, Elbridge Z; Pride, Richard A	1-Aug-56	19930084509	NACA-TN-3736
Effect of pressure on the smoking tendency of diffusion flames	Schalla, Rose L; Mcdonald, Glen E	17-Sep-53	19930087566	NACA-RM-E53E05
Free-flight-tunnel tests of a target-seeking glide-bomb model with flicker lateral control	Mckinney, Marion O , Jr; Drake, Hubert M	28-Jul-48	19930085340	NACA-RM-L8B20
A small-scale investigation of 'M' and 'W' wings at transonic speeds	Campbell, George S; Morrison, William D , Jr	2-Oct-50	19930086348	NACA-RM-L50H25a
Preliminary investigation to determine propeller section characteristics by measuring the pressure distribution on an NACA 10-(3)(08)-03 propeller under operating conditions	Evans, Albert J; Liner, George	14-Jul-48	19930085368	NACA-RM-L8E11
Free-flight investigation of the rolling effectiveness of several delta wing : aileron configurations at transonic and supersonic speeds	Sandahl, Carl A	27-Aug-48	19930085426	NACA-RM-L8D16
Effect of pressure ratio and inlet pressure on performance of experimental gas turbine at inlet temperature of 800 R	Kohl, Robert C; Larkin, Robert G	22-Nov-48	19930085524	NACA-RM-E8I03
Investigation of mechanisms of blade failure of forged hastalloy B and cast Stellite 21 turbine blades in turbojet engine	Yaker, C; Robards, C F; Garrett, F B	22-Aug-51	19930086629	NACA-RM-E51D16
Effect of heat-capacity lag on the flow through oblique shock waves	Ivey, H Reese; Cline, Charles W	1-Oct-50	19930082845	NACA-TN-2196
Flight-determined pressure distributions over the wing of the Bell X-1 research airplane (10-percent-thick wing) at subsonic and transonic speeds	Knapp, Ronald J; Jordan, Gareth H	29-Jun-53	19930087577	NACA-RM-L53D20
Chordwise and spanwise loadings measured at low speed on a triangular wing having an aspect ratio of two and an NACA 0012 airfoil section	Wick, Bradford H	1-Jan-48	19930082267	NACA-TN-1650
Aerodynamic loads on an external store adjacent to an unswept wing at Mach numbers between 0.75 and 1.96	Hadaway, William M	17-Feb-56	19930089072	NACA-RM-L55L07

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Effect of boundary solidity of planing lift obtained in a high-speed water jet with a single longitudinal slot in each rigid boundary	Weinflash, Bernard	23-Oct-57	19930089812	NACA-RM-L57I06
Design and calibration of a total-temperature probe for use at supersonic speeds	Goldstein, David L; Scherrer, Richard	1-May-49	19930082563	NACA-TN-1885
A restricted list of aircraft materials research projects		4-May-48	19930085352	NACA-RM-8C29
Tests with hydrogen fuel in a simulated afterburner	Kerslake, W R; Dangle, E E	2-Jul-56	19930089334	NACA-RM-E56D13a
Static and dynamic creep properties of laminated plastics for various types of stress	Marin, Joseph	1-Feb-47	19930081728	NACA-TN-1105
Performance Characteristics of a 24 Degree Straight-Outer-Wall Annular-Diffuser-Tailpipe Combination Utilizing Rectangular Vortex Generators for Flow Control	Wood, Charles C; Higginbotham, James T	6-Oct-53	19930087718	NACA-RM-L53H17a
Preliminary drag and heat-transfer data obtained from air-launched cone-cylinder test vehicle over Mach number range from 1.5 to 5.18	Messing, Wesley E; Rabb, Leonard; Disher, John H	16-Nov-53	19930088050	NACA-RM-E53I04
Preliminary investigation at low speed of downwash characteristics of small-scale sweptback wings	Purser, Paul E; Spearman, M Leroy; Bates, William R	1-Jul-47	19930082014	NACA-TN-1378
Bursting strength of unstiffened pressure cylinders with slits	Peters, Roger W; Kuhn, Paul	1-Apr-57	19930084814	NACA-TN-3993
Experimental evaluation of 'swirl-can' elements for hydrogen-fuel combustor	Rayle, Warren, D; Jones, Robert E; Friedman, Robert	13-May-57	19930089667	NACA-RM-E57C18
Wind-Tunnel investigation of NACA 65,3-418 airfoil section with boundary-layer control through a single suction slot applied to a plain flap	Horton, Elmer A; Von Doenhoff, Albert E	23-Feb-49	19930085891	NACA-RM-L9A20
Formulas for the elastic constants of plates with integral waffle-like stiffening.	Libove, Charles; Dow, Norris F; Hubka, Ralph E	10-Aug-53	19930087706	NACA-RM-L53E13a
Wind pressure distributions at low lift for the XF-92A delta-wing airplane at transonic speeds	Keener, Earl R	20-Oct-54	19930088346	NACA-RM-H54H06
Summary of rocket-model tests at zero lift of an arrow-wing missile configuration from Mach numbers of 0.9 to 1.8	Arbic, Richard G; Gillespie, Warren, Jr	14-Jan-54	19930088280	NACA-RM-L53J02
Bodies of revolution having minimum drag at high supersonic airspeeds	Dennis, David H; Resnikoff, Meyer M; Eggers, A J	1-Feb-56	19930084917	NACA-TN-3666
Flight measurement s of section efficiency, thrust, and power of a supersonic-type propeller at Mach numbers to 0.9	Hammack, Jerome B; O'Bryan, Thomas C	11-Jan-56	19930088942	NACA-RM-L55I21
Aerodynamic characteristics at transonic speeds of a tapered 45 degree sweptback wing of aspect ratio 3 having a full-span flap-type control	Lockwood, Vernard E; Fikes, Joseph E	20-Aug-51	19930086869	NACA-RM-L51F06a
Correlation of experimental and calculated effects of product of inertia on lateral stability	Mckinney, Marion O , Jr; Drake, Hubert M	1-Jul-47	19930082008	NACA-TN-1370
Basic pressure measurements on a fuselage and a 45 degrees sweptback wing-fuselage combination at transonic speeds in the slotted test section of the Langley 8-foot high-speed tunnel	Loving, Donald L; Williams, Claude V	14-Sep-51	19930086859	NACA-RM-L51F05
Method for analyzing indeterminate structures stressed above proportional limit	Steinbacher, F R; Gaylord, C N; Rey, W K	1-Jun-51	19930083107	NACA-TN-2376
Effectiveness of molybdenum disulfide as a fretting-corrosion inhibitor	Godfrey, Douglas; Bisson, Edmond E	1-Sep-50	19930082831	NACA-TN-2180

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Prediction of losses induced by angle of attack in cascades of sharp-nosed blades for incompressible and subsonic compressible flow	Kramer, James J; Stanitz, John D	1-Jan-55	19930083853	NACA-TN-3149
Two-dimensional cascade investigation at Mach numbers up to 1.0 of NACA 65-series blade sections at conditions typical of compressor tips	Dunavant, James C; Emery, James C	17-Mar-58	19930089942	NACA-RM-L58A02
Effect of fuel additives on carbon deposition in a J33 single combustor : I - three metallic organic additives	Jonash, Edmund R; Wear, Jerrold D; Cook, William P	10-Oct-52	19930087256	NACA-RM-E52H21
The effects of Reynolds number at Mach numbers up to 0.94 on the loading on a 35 degree swept-back wing having NACA 65(1)A012 streamwise sections	Tinling, Bruce E; Lopez, Armando E	16-Jun-52	19930087051	NACA-RM-A52B20
Correlation of vibratory root failures and stress distribution in J65 compressor blades	Meyer, Andre J , Jr; Kaufman, Albert	8-Sep-55	19930088799	NACA-RM-E54L24
Critical stress of thin-walled cylinders in axial compression	Batdorf, S B; Shildcrout, Murry; Stein, Manuel	1-Jan-47	19930082161	NACA-TN-1343
Accuracy of airspeed measurements and flight calibration procedures	Huston, Wilber, B	1-Jun-48	19930082253	NACA-TN-1605
Performance of wedge-type boundary layer diverters for side inlets at supersonic speeds	Campbell, Robert C; Kremzier, Emil J	13-May-54	19930090494	NACA-RM-E54C23
Some considerations of the lateral stability of high-speed aircraft	Sternfield, Leonard	1-May-47	19930081898	NACA-TN-1282
General consideration of problems in compressible flow using the hodograph method	Chang, Chieh-Chien	1-Jan-52	19930083404	NACA-TN-2582
Experimental investigation at low speed of effects of fuselage cross section on static longitudinal and lateral stability characteristics of models having 0 and 45 degrees sweptback surfaces	Letko, William; Williams, James L	1-Dec-55	19930084316	NACA-TN-3551
Tests of lifting surfaces on conical and cylindrical portions of a body at subsonic Mach numbers and at a Mach number of 1.2	Osborne, Robert S; Wright, John B	2-Sep-49	19930085923	NACA-RM-L9F29
An analysis of a piston-type gas-generator engine	Tauschek, Max J; Biermann, Arnold E	18-Feb-48	19930085742	NACA-RM-E7110
Ice protection of turbojet engines by inertia separation of water II : single-offset-duct system	Von Glahn, Uwe	8-Jun-48	19930085336	NACA-RM-E8A28
Investigation of turbines for driving supersonic compressors III : first configuration with four nozzle settings and one nozzle modification	Monroe, Daniel E; Stewart, Warner L; Whitney, Warren J	10-Mar-53	19930087573	NACA-RM-E53A20
Comparison of pitching moments obtained during seaplane landings with values predicted by hydrodynamic impact theory	Haines, Gilbert A	1-May-49	19930082559	NACA-TN-1881
Carbon deposition obtained with MIL-F-5624A fuels in a single combustor and in three full-scale engines	Wear, Jerrold D	10-Jun-54	19930087714	NACA-RM-E53D15
The influence of a change in body shape on the effects of twist and camber as determined by a transonic wind-tunnel investigation of a 45 degree sweptback wing-fuselage configuration	Harrison, Daniel E	14-Aug-53	19930087702	NACA-RM-L53B03
Lift, drag, and pitching moment of low-aspect-ratio wings at subsonic and supersonic speeds : body of revolution	Heitmeyer, John C	4-Oct-51	19930086865	NACA-RM-A51H22

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Hinge-moment characteristics of balanced elevator and rudder for a specific tail configuration on a fuselage in spinning attitudes	Stone, Ralph W; Burk, Sanger M , Jr	1-Aug-47	19930082004	NACA-TN-1400
Experimental determination of the damping in roll and aileron rolling effectiveness of three wings having 2 degree, 42 degree and 62 degree sweepback	Bennett, Charles V; Johnson, Joseph L	1-May-47	19930081894	NACA-TN-1278
Some considerations on an airfoil in an oscillating stream	Greenberg, J Mayo	1-Aug-47	19930082000	NACA-TN-1372
Effect of thickness, camber, and thickness distribution on airfoil characteristics at Mach numbers up to 1.0	Daley, Bernard N; Dick, Richard S	1-Mar-56	19930084305	NACA-TN-3607
Wind-tunnel investigation of effect of propeller slipstreams on aerodynamic characteristics of a wing equipped with a 50-percent-chord sliding flap and a 30-percent-chord slotted flap	Kuhn, Richard E; Hayes, William C , Jr	1-Feb-57	19930084851	NACA-TN-3918
Comparison with experiment of several methods of predicting the lift of wings in subsonic compressible flow	Murray, Harry E	1-Oct-48	19930082355	NACA-TN-1739
Effects of a fuselage and various high-lift and stall-control flaps on aerodynamic characteristics in pitch of an NACA 64-series 40 degree swept-back wing	Conner, D William; Neely, Robert H	26-May-47	19930085812	NACA-RM-L6L27
Summary of the flight conditions and maneuvers in which maximum wing and tail loads were experienced on a swept-wing fighter airplane	Sadoff, Melvin	30-Mar-55	19930088593	NACA-RM-A55A06
Subsonic flow over thin oblique airfoils at zero lift	Jones, Robert T	1-Jun-47	19930082172	NACA-TN-1340
Heat transfer to bodies traveling at high speed in the upper atmosphere	Stalder, Jackson, R; Jukoff, David	1-Aug-48	19930082320	NACA-TN-1682
A numerical procedure for designing cascade blades with prescribed velocity distribution in incompressible potential flow	Hansen, Arthur G; Yohner, Peggy L	1-Jun-50	19930082806	NACA-TN-2101
Compressible laminar boundary layer over a yawed infinite cylinder with heat transfer and arbitrary Prandtl number	Reshotko, Eli; Beckwith, Ivan E	1-Jun-57	19930084715	NACA-TN-3986
Foaming of mixtures of pure hydrocarbons	Robinson, J V; Woods, W W	1-Feb-50	19930082689	NACA-TN-2032
The effect of boundary-layer control by suction and several high-lift devices on the longitudinal aerodynamic characteristics of a 47.5 degree sweptback wing-fuselage combination	Pasamanick, Jerome; Proterra, Anthony J	4-Nov-48	19930085410	NACA-RM-L8E18
Aerodynamic characteristics of three planing-tail flying-boat hulls.	Yates, Campbell C; Riebe, John M	1-Jun-47	19930081944	NACA-TN-1306
Theoretical investigation of the performance of proportional navigation guidance systems : effect of missile configuration on the speed of response	Abramovitz, Marvin	19-Jan-53	19930090424	NACA-RM-A52J22
Wind-tunnel investigation at low speed of effects of sideslip on static longitudinal trim and static lateral stability characteristics of three fighter-type airplane models	Jaquet, Byron M; Fletcher, H S	11-Sep-56	19930089327	NACA-RM-L56F19
A study of normal accelerations and operating conditions experienced by helicopters in commercial and military operations	Hazen, Marlin E	1-Apr-55	19930084309	NACA-TN-3434
Thermal decomposition of ethylpentaborane in gas phase	Mcdonald, Glen E	13-Jul-56	19930089320	NACA-RM-E56D26

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Stability characteristics at low speed of a variable-sweep airplane model having a partially cambered wing with several chord-extension configurations	Becht, Robert E	12-Feb-54	19930088087	NACA-RM-L53L14
Experimental investigation of air-cooled turbine rotor blade temperatures in a turbojet engine operating at turbine-inlet temperatures up to 2580 R and altitudes of 50,000 and 60,000 feet	Slone, Henry O; Cochran, Reeves P; Dengler, Robert P	20-Aug-56	19930089160	NACA-RM-E56C26
Preliminary investigation of self-excited vibrations of single planing surfaces	Mottard, Elmo J	20-Jan-56	19930093816	NACA-RM-L55J27
Spin and recovery characteristics of a model of a fighter type of airplane without a horizontal tail having either a single vertical tail or twin vertical tails	Gale, Lawrence J; Pumphrey, Norman E	25-Jul-50	19930086221	NACA-RM-L50F19a
Preliminary study of circulation in an apparatus suitable for determining corrosive effects of hot flowing liquids	Desmon, Leland G; Mosher, Don R	29-Jun-51	19930086613	NACA-RM-E51D12
Theoretical investigation of the longitudinal response characteristics of a swept-wing fighter airplane having a pitch-attitude control system	Stokes, Fred H; Matthews, J T	1-Jan-53	19930083778	NACA-TN-2882
Identification of foreign objects damaging compressor blades in turbojet engines	Spakowski, A E; Graab, J	7-Jan-57	19930089483	NACA-RM-E56J12
Flight measurements of buffeting tail loads	Stokke, Allen R; Aiken, William S , Jr	1-Oct-48	19930082412	NACA-TN-1719
Force and pressure-distribution measurements at a Mach number of 3.12 of slender bodies having circular, elliptical, and triangular cross sections and the same longitudinal distribution of cross-sectional area	Lange, Roy H; Wittliff, Charles E	13-Jul-56	19930089276	NACA-RM-L56D17
General algebraic method applied to control analysis of complex engine types	Boksenbom, Aaron S; Hood, Richard	1-Jul-49	19930082586	NACA-TN-1908
Reduction of profile drag at supersonic velocities by the use of airfoil sections having a blunt trailing edge	Chapman, Dean R	1-Nov-49	19930086097	NACA-RM-A9H11
Elevated-temperature fatigue properties of two titanium alloys	Rey, William K	24-Apr-56	19930090205	NACA-RM-56B07
Altitude-wind-tunnel investigation of operational characteristics of Westinghouse X24C-4B axial flow turbojet engine	Hawkins, W Kent; Meyer, Carl L	23-Nov-48	19930093770	NACA-RM-E8J25
Effects of diffuser and center-body length on performance of annular diffusers with constant-diameter outer walls and with vortex-generator flow controls	Wood, Charles C; Higginbotham, James T	14-Sep-54	19930088378	NACA-RM-L54G21
Wind-tunnel investigation of the effects of ventral fins at two positions on lateral-stability derivatives of 45 degree swept high-wing models oscillating in yaw	Jaquet, Byron M	26-Dec-56	19930089579	NACA-RM-L56J31a
Comparison of crystal structures of 10 wrought heat resisting alloys at elevated temperatures with their crystal structures at room temperatures	Kittel, J Howard	1-Nov-47	19930082145	NACA-TN-1488
Effect of target-type thrust reverser on transonic aerodynamic characteristics of a single-engine fighter model	Swihert, John M	13-Jan-58	19930093726	NACA-RM-L57J16
A study of the flow over a 45 degree sweptback wing-fuselage combination at transonic Mach numbers	Whitcomb, Richard T; Kelly, Homas C	25-Jun-52	19930087286	NACA-RM-L52D01
Measurements in the boundary layer of a yawed wing	Kuethe, A M; Mckee, P B; Curry, W H	1-Sep-49	19930082619	NACA-TN-1946

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Aerodynamic characteristics of two-plane, unswept tapered wings of aspect ratio 3 and 3-percent thickness from tests on a transonic bump	Emerson, Horace F; Gale, Bernard M	2-May-52	19930087035	NACA-RM-A52C07
An experimental investigation at supersonic speeds of annular duct inlets situated in a region of appreciable boundary layer	Davis, Wallace F; Brajnikoff, George B; Goldstein, David L; Speigel, Joseph M	1-Sep-48	19930085786	NACA-RM-A7G15
Longitudinal stability and control characteristics of a semispan wind-tunnel model of a tailless airplane and a comparison with complete-model wind-tunnel tests and semispan-model wing-flow tests	Goodson, Kenneth W; King, Thomas J , Jr	10-Oct-49	19930085843	NACA-RM-L9C31
A correlation of two-dimensional data on lift coefficient available with blowing-, suction-, slotted-, and plain-flap high -lift devices	Riebe, John M	3-Oct-55	19930088714	NACA-RM-L55D29a
Performance of 4600-pound-thrust centrifugal-flow-type turbojet engine with water-alcohol injection at inlet	Glasser, Philip W	9-Oct-50	19930086255	NACA-RM-E50H07
Theoretical lift and damping in roll of thin wings with arbitrary sweep and taper at supersonic speeds : supersonic leading and trailing edges	Harmon, Sidney M; Jeffreys, Isabella	1-May-50	19930082815	NACA-TN-2114
Lift, drag, and static longitudinal stability characteristics of four airplane-like configurations at Mach numbers from 3.00 to 6.28	Neice, Stanford E; Wong, Thomas J; Hermach, Charles A	25-Apr-55	19930088774	NACA-RM-A55C24
Investigation of the effect of indentation on an M-plan-form-wing--body combination at transonic speeds	Loving, Donald L	4-Aug-54	19930088255	NACA-RM-L54F14
Investigation of a high-pressure-ratio eight-stage axial-flow research compressor with two transonic inlet stages I : aerodynamic design	Voit, Charles H	4-Dec-53	19930087928	NACA-RM-E53I24
Theoretical performance of diborane as a rocket fuel	Huff, Vearl N; Calvert, Clyde S; Erdmann, Virginia C	10-Jan-49	19930085587	NACA-RM-E8I17a
Approximate formulas for the computation of turbulent boundary-layer momentum thicknesses in compressible flows	Tetervin, Neal	1-Mar-46	19930093616	NACA-WR-L-119, NACA-ACR-L6A22
The pressure-recovery and propeller-force characteristics of a propeller-spinner-cowling combination employing NACA 4-(5) (05)-037 six- and eight-blade dual-rotation propellers with an NACA 1 series D-type cowl	Sammonds, Robert I; Reynolds, Robert M	27-Jan-55	19930088466	NACA-RM-A54J22
Drag investigation of some fin configurations for booster rockets at Mach numbers between 0.5 and 1.4	Mcfall, John C , Jr	21-Nov-50	19930086591	NACA-RM-L50J12
Effect of spoiler-type lateral-control devices on the twisting moments of NACA 230-Series airfoil sections	Fitzpatrick, James E; Furlong, G Chester	1-May-47	19930081922	NACA-TN-1298
Effect of intense sound waves on a stationary gas flame	Hahnemann, H; Ehret, L	1-Jul-50	19930093954	NACA-TM-1271
An investigation of a supersonic aircraft configuration having a tapered wing with circular-arc sections and 40 degree sweepback : force characteristics of the complete configuration and its various components at Mach numbers of 1.40 and 1.59	Smith, Norman F; Marte, Jack E	22-Jan-51	19930086531	NACA-RM-L50K14
A unified theory of plastic buckling of columns and plates	Stowell, Elbridge Z	1-Apr-48	19930082359	NACA-TN-1556

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Two-dimensional wind-tunnel investigation at high Reynolds numbers of an NACA 65A006 airfoil with high-lift devices	Nuber, Robert J; Gottlieb, Stanley M	4-Feb-48	19930085774	NACA-RM-L7K06
An investigation of mechanical properties of honeycomb structures made of resin-impregnated paper	Norris, C B; Mackin, G E	1-May-48	19930082211	NACA-TN-1529
An investigation of effects of flame-holder gutter shape on afterburner performance	Nakanishi, S; Velie, W W; Bryant, L	10-Feb-54	19930088008	NACA-RM-E53J14
Dynamic characteristics of a single-spool turbojet engine	Craig, R T; Vasu, George; Schmidt, R D	7-Aug-53	19930087774	NACA-RM-E53C17
Failure of materials under combined repeated stresses with superimposed static stresses	George, Sines	1-Nov-55	19930087814	NACA-TN-3495
Performance of isentropic nose inlets at Mach number of 5.6	Haefeli, Rudolph C; Bernstein, Harry	6-May-54	19930088151	NACA-RM-E54B24
Flutter tests of a 1/25-scale model of the B-36J/RF-84F tip-coupled airplane configuration in the Langley 19-foot pressure tunnel	Neely, Robert H	15-Mar-56	19930089199	NACA-RM-SL56A25b
Experimental investigation of control signals and the nature of stall and surge behavior in a turbojet engine	Delio, G J; Stiglic, P M	20-Dec-54	19930088488	NACA-RM-E54I15
Some experiments on the flutter of wings with sweepback in the transonic speed range utilizing rocket-propelled vehicles	Lauten, William T , Jr; Teitelbaum, J M	18-May-50	19930086158	NACA-RM-L50C03a
Investigation of static pressures and boundary-layer characteristics of the forward parts of nine fuselages of various cross-sectional shapes at M (sub infinity) equals 2.01	Hasel, Lowell E; Kouyoumjian, Walter L	21-Jan-57	19930089536	NACA-RM-L56I13
Effect of modifications to induction system on altitude performance of V-1710-93 engine III : use of parabolic rotating guide vanes and NACA designed auxiliary-stage inlet elbow and interstage duct	Standahar, Ray M; Mccarty, James S	16-Jan-47	19930093780	NACA-RM-E6L27
The effect of fluid injection on the compressible turbulent boundary layer : the effect of skin friction of air injected into the boundary layer of a cone at M = 2.7	Tendeland, Thorval; Okuno, Arthur F	19-Jun-56	19930089447	NACA-RM-A56D05
Method of controlling stiffness properties of a solid-construction model wing	Land, Norman S; Abbott, Frank T , Jr	1-Apr-55	19930084245	NACA-TN-3423
The static and dynamic longitudinal stability characteristics of some supersonic aircraft configurations	Mitchell, Jesse L	29-Jan-52	19930087854	NACA-RM-L52A10a
Stability and control characteristics of a complete airplane model having a wing with quarter-chord line swept back 40 degrees, aspect ratio 2.50, and taper ratio 0.42	Schulderfrei, Marvin; Comisarow, Paul; Goodson, Kenneth W	1-Dec-51	19930083056	NACA-TN-2482
Aerodynamic characteristics of various configurations of a model of a 45 degree swept-wing airplane at a Mach number of 2.01	Spearman, Leroy M; Driver, Cornelius; Robinson, Ross B	26-May-55	19930090584	NACA-RM-L54J08
Comparison of static strengths of machine countersunk riveted joints in 24S-T, X75S-T, and Alclad 75S-T sheet	Hartmann, E C; Zamboky, A N	1-May-46	19930081974	NACA-TN-1036
Preliminary investigation of a supersonic scoop inlet derived from a conical-spike nose inlet	Wittliff, Charles E; Byrne, Robert W	11-Sep-51	19930086825	NACA-RM-L51G11

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Investigation of a 1/4-scale model of the Republic F-105 airplane in the Langley 19-foot pressure tunnel : influence of trailing-edge flap span and deflection on the longitudinal characteristics	Cancro, Patrick A; Kelly, H Neale	3-Sep-54	19930088426	NACA-RM-SL54H27
A summary of preliminary investigations into the characteristics of combustion screech in ducted burners		7-Apr-54	19930088219	NACA-RM-E54B02
An investigation of string support interference on base pressure and forebody chord force at Mach numbers from 0.60 to 1.30	Tunnell, Phillips J	28-Jan-55	19930088478	NACA-RM-A54K16a
Investigation of effectiveness of large-chord slotted flaps in deflecting propeller slipstreams downward for vertical take-off and low-speed flight	Kuhn, Richard E; Draper, John W	1-Jan-55	19930084526	NACA-TN-3364
Some experiments relating to the problem of simulation of hot jet engines in studies of jet effects on adjacent surfaces at a free-stream Mach number of 1.80	Bressette, Walter E	11-Jul-56	19930089417	NACA-RM-L56E07
Drag of conical and circular-arc boattail afterbodies at Mach numbers from 0.6 to 1.3	Silhan, Frank V; Cubbage, James M , Jr	22-Jan-57	19930089650	NACA-RM-L56K22
Effects of thermal relaxation and specific-heat changes on measurements with a pneumatic-probe pyrometer	Kuhns, P W	1-Jul-57	19930085246	NACA-TN-4026
Method of determining initial tangents of contours of flow variables behind a curved, axially symmetric shock wave	Wood, George P; Gooderum, Paul B	1-Jul-51	19930082977	NACA-TN-2411
Effects of canopy, revised vertical tail, and a yaw-damper vane on the aerodynamic characteristics of a 1/16-scale model of the Douglas D-558-II research airplane at a Mach number of 2.01	Robinson, Ross B	30-Aug-54	19930088329	NACA-RM-L54F25
Measurement of static pressure on aircraft	Gracey, William	1-Apr-57	19930089735	NACA-RM-L57A09
Standard nomenclature for airspeeds with tables and charts for use in calculation of airspeed	Aiken, William S	1-Sep-46	19930081759	NACA-TN-1120
Flight determination of the buffeting characteristics of the Bell X-5 research airplane at 58.7 degrees sweepback	Briggs, Donald W	24-May-54	19930088191	NACA-RM-L54C17
Investigation of the use of area suction to increase the effectiveness of trailing-edge flaps of various spans on a wing of 45 degree sweepback and aspect ratio 6	Griffin, Roy N , Jr; Hickey, David H	22-Jun-56	19930089173	NACA-RM-A56B27
Effects of some metal additions on properties of molybdenum disilicide	Russell, W E; Devinentis, H A	4-May-54	19930088094	NACA-RM-E54B15
Use of shadowgraph technique in the analysis of the performance of two supersonic axial-flow compressor rotors operating over a mean radius relative inlet Mach number range of 0.85 to 1.7	Goldberg, Theodore J; Serrett, James R	4-Apr-56	19930089267	NACA-RM-L56A05
Analytical investigation of factors affecting the performance of single-stage turbines having rotor-tip discharge of cooling air	Smith, Gordon T; Hickel, Robert O	25-Apr-56	19930089230	NACA-RM-E56B20
Determination of aromatics and olefins in wide-boiling petroleum fractions	Spakowski, A E; Evans, A; Hibbard, R R	26-Jun-50	19930086135	NACA-RM-E50D03
Analysis of accelerations, gust velocities, and airspeeds from operations of a twin-engine transport airplane on a transcontinental route from 1950 to 1952	Coleman, Thomas L; Walker, Walter G	1-Feb-55	19930084582	NACA-TN-3371

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Effect of design compressor pressure ratio on performance of hypothetical two-spool nuclear-powered turbojet engines	Dugan, James F , Jr	10-Apr-55	19930088906	NACA-RM-E55K04
Transonic wind-tunnel investigation of the aerodynamic loading characteristics of a highly tapered upswept wing in the presence of a body with and without indentation	Brooks, Joseph D	1-Feb-56	19930089017	NACA-RM-L55J20
Analytical comparison of turbine-blade cooling systems designed for a turbojet engine operating at supersonic speed and high altitude II : air-cooling systems	Schramm, Wilson B; Arne, Vernon L; Nachtigall, Alfred J	19-Feb-53	19930087360	NACA-RM-E52J30
Theoretical investigation of the effects of configuration changes on the center-of-pressure shift of a body-wing-tail combination due to angle of attack and mach number at transonic speeds	Spahr, J Richard	1-May-57	19930084778	NACA-TN-3966
An analytical estimation of the effect of transpiration cooling on the heat-transfer and skin-friction characteristics of a compressible, turbulent boundary layer	Rubesin, Morris W	1-Dec-54	19930084158	NACA-TN-3341
Influence of automatic control of roll coupling and pitch-up on tail loads	Stone, Ralph W , Jr	17-Jun-57	19930089764	NACA-RM-L57D18a
Ditching investigation of a 1/25-scale model of a 255,000-pound transport airplane	Windham, John O	13-Jul-55	19930088830	NACA-RM-SL55G07a
Effects of tip dihedral on lateral stability and control characteristics as determined by tests of a dynamic wind model in the Langley Free-Flight Tunnel	Ankenbruck, Herman O	1-Jul-46	19930081702	NACA-TN-1059
Effect of fiber orientation in races and balls under rolling-contact fatigue conditions	Carter, Thomas L	1-Feb-58	19930085126	NACA-TN-4216
Performance investigation of a Jumo 004 combustor	Miller, Robert C	16-Jul-47	19930085630	NACA-RM-E7F03
Investigation of a NACA high-speed strain-gage torque-meter	Rebeske, John J , Jr	1-Jan-50	19930083121	NACA-TN-2003
Effects of leading-edge radius and maximum thickness-chord ratio on the variation with Mach number of the aerodynamic characteristics of several thin NACA airfoil sections	Berggren, Robert E; Graham, Donald J	3-Jul-50	19930086147	NACA-RM-A50D04
A study of conical camber for triangular and sweptback wings	Boyd, John W; Migotsky, Eugene; Wetzel, Benton E	18-Nov-55	19930090334	NACA-RM-A55G19
Low-speed longitudinal stability and lateral-control characteristics of a model of a 40 degree swept-wing fighter-type airplane at a Reynolds number of 9×10^6	Kelly, H Neale; Bollech, Thomas V	3-Feb-54	19930088126	NACA-RM-L54B17
Low-speed investigation of the effects of wing dihedral angle and fin length on the static stability characteristics of a model having an 82 degree delta wing	Spreeman, Kenneth P	2-Apr-56	19930089239	NACA-RM-L55L30a
An investigation of several supersonic missile configurations directed toward minimizing center-of-pressure travel	Rainey, Robert W	23-Sep-52	19930087231	NACA-RM-L52G01
Calculation of the effect of thrust-axis inclination on propeller disk loading and comparison with flight measurements	Vogeley, A W	1-Oct-48	19930082714	NACA-TN-1721

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Theoretical investigation based on experimental frequency-response measurements of an automatic altitude control in combination with supersonic missile configuration	Seaberg, Ernest C; Willoughby, William W; Geller, Edward S	3-Aug-54	19930088206	NACA-RM-L54F04
Shock-turbulence interaction and the generation of noise	Ribner, H S	1-Jul-54	19930083977	NACA-TN-3255
Preliminary results from a limited investigation of the use of controls during service operational training with fighter airplanes	Mayer, John, P; Huss, Carl R; Hamer, Harold A	16-Jun-53	19930087504	NACA-RM-L53D22
Study of secondary-flow patterns in an annular cascade of turbine nozzle blades with vortex design	Rohlik, Harold E; Allen, Hubert W; Herzig, Howard Z	1-Feb-53	19930083614	NACA-TN-2909
Efficiency of radial-flow turbine of Turbo Engineering Corporation TT13-18 turbosupercharger	Coulter, Earl E; Galloway, William R	1-Jan-48	19930085816	NACA-RM-SE7K24
Tests of a triangular wing of aspect ratio 2 in the Ames 12-foot pressure wind tunnel II : the effectiveness and hinge moments of a constant-chord plain flap	Stephenson, Jack D; Amuedo, Arthur R	21-Sep-48	19930085443	NACA-RM-A8E03
Flight investigation of the effect of transient wing response on wing strains of a twin-engine transport airplane in rough air	Mickleboro, Harry C; Shufflebarger, Charles C	1-Jul-51	19930083021	NACA-TN-2424
Interaction of oblique shock waves with regions of variable pressure, entropy, and energy	Moeckel, W E	1-Jun-52	19930083362	NACA-TN-2725
Investigation of the NACA 4-(4)(06)-04 two-blade propeller at forward Mach numbers to 0.925	Delano, James B; Harrison, Daniel E	28-Oct-49	19930090382	NACA-RM-L9I07
A fuel-distribution control for continuous-flow manifold injection on reciprocating engines	Gold, Harold; Straight, David M	6-Jun-47	19930085640	NACA-RM-E7D22
Analytical investigation of flow and heat transfer in coolant passages of free-convection liquid-cooled turbines	Eckert, E R G; Jackson, Thomas W	18-Jul-50	19930086331	NACA-RM-E50D25
Influence of exposed area on stress-corrosion cracking of 24S aluminum alloy	Colner, William H; Francis, Howard T	1-Nov-54	19930084123	NACA-TN-3292
Engine performance of precision-forged, electropolished and machined blades of Nimonic 80 and 80A alloys	Sikora, Paul F; Johnston, James R	5-Apr-55	19930090319	NACA-RM-E55A21
Heat-transfer and pressure measurements on flat-faced cylinders at a Mach number of 2	Stoney, William E , Jr; Markley, J Thomas	1-Jul-58	19930085034	NACA-TN-4300
Two-dimensional steady nonviscous and viscous compressible flow through a system of equidistant blades	Reissner, Hans J; Meyerhoff, Leonard; Bloom, Martin	1-Jun-52	19930083317	NACA-TN-2718
Free-flight investigation of the rolling effectiveness of a wing-spoiler arrangement at high subsonic, transonic, and supersonic speeds	Sandahl, Carl A	17-May-48	19930085323	NACA-RM-L8A07
Analysis of elastic thermal stresses in thin plate with spanwise and chordwise variations of temperature and thickness	Mendelson, Alexander; Hirschberg, Marvin	1-Nov-56	19930084492	NACA-TN-3778
Formation of a vortex at the edge of a plate	Anton, Leo	1-Mar-56	19930093833	NACA-TM-1398
Calculations of upwash in the region above or below the wing-chord planes of swept-back wing-fuselage-nacelle combinations	Rogallo, Vernon L; Mccloud, John L , III	1-Feb-53	19930083824	NACA-TN-2894

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Sound from a two-blade propeller at supersonic tip speeds	Hubbard, Harvey H; Lassiter, Leslie W	8-May-51	19930086581	NACA-RM-L51C27
A comparison of two methods for computing the wave of wing-body combinations	Alksne, Alberta	7-Apr-55	19930088597	NACA-RM-A55A06a
Free-flight aerodynamic-heating data to Mach number 10.4 for a modified Von Karman nose shape	Bland, William M , Jr; Collie, Katherine A	10-Jul-56	19930089366	NACA-RM-L56D25
An Investigation of the Release Characteristics of a 1/30 Dynamically Scaled AVCO Booster Vehicle from the Simulated Bomb Bay of the B-52 Airplane : COORD. No. AF-AM-59	Lee, John B	8-Oct-56	19930089567	NACA-RM-SL56I18a
Analytical determination of local surface heat-transfer coefficients for cooled turbine blades from measured metal temperatures	Brown, W Byron; Esgar, Jack B	11-Aug-50	19930086238	NACA-RM-E50F09
Summary of locations, extents, and intensities of turbulent areas encountered during flight investigations of the jet stream from January 7, 1957 to April 28, 1957	Copp, Martin R	3-Mar-58	19930090304	NACA-RM-L57L12
Some investigations of the general instability of stiffened metal cylinders VIII : stiffened metal cylinders subjected to pure torsion	Dunn, Louis G	1-May-47	19930082176	NACA-TN-1197
Knocking combustion observed in a spark-ignition engine with simultaneous direct and Schlieren high-speed motion pictures and pressure records	Osterstrom, Gordon E	1-Jun-48	19930082324	NACA-TN-1614
Investigation of adjustable supersonic inlet in combination with J34 engine up to Mach 2.0	Nettles, J C; Leissler, L A	15-Oct-54	19930088361	NACA-RM-E54H11
Application of variational methods to transonic flows with shock waves	Wang, Chi-Teh; Chou, Pei-Chi	1-Nov-51	19930083428	NACA-TN-2539
Pressure distributions at Mach numbers from 0.6 to 1.9 measured in free flight on a parabolic body of revolution with sharply convergent afterbody	Stoney, William E , Jr	1-Apr-52	19930087950	NACA-RM-L51L03
Some effects of changing solidity by varying the number of blades on performance of an axial flow compressor stage	Standahar, Raymond M; Serovy, George K	14-Apr-52	19930086962	NACA-RM-E52A31
Analysis of the ultimate strength and optimum proportions of multiweb wing structures	Rosen, B Walter	1-Mar-56	19930084383	NACA-TN-3633
Altitude performance of a full-scale turbojet engine using pentaborane fuels	Useller, James W; Kaufman, Warner B; Jones, William L	28-Feb-57	19930088414	NACA-RM-E54K09
Effect of aspect ratio on undamped torsional oscillations of a thin rectangular wing in supersonic flow	Watkins, Charles E	1-Jun-49	19930082576	NACA-TN-1895
Correlation of isothermal contours formed by penetration of jet of liquid ammonia directed normal to an airstream	Fenn, David B	3-Feb-54	19930087494	NACA-RM-E53J08
Effect of free-stream Mach number on gross-force and pumping characteristics of several ejectors	Stitt, Leonard E; Valerino, Alfred S	15-Mar-55	19930088528	NACA-RM-E54K23a
Cyclic engine test of cast vitallium turbine buckets I	Farmer, J Elmo; Darmara, F N; Poulson, Francis D	19-Feb-48	19930085757	NACA-RM-E7J23

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Two factors influencing temperature distributions and thermal stresses in structures	Brooks, William A , Jr; Griffith, George E; Strass, H Kurt	1-Jun-57	19930084868	NACA-TN-4052
Effect of dissolved oxygen on the filterability of jet fuels for temperatures between 300 degrees and 400 degrees F	Mckeown, Anderson B; Hibbard, Robert R	28-Dec-55	19930088933	NACA-RM-E55I28
On the Development of Turbulent Wakes from Vortex Streets	Roshko, Anatol	1-Mar-53	19930083620	NACA-TN-2913
Design of two-dimensional channels with prescribed velocity distribution along the channel walls I : relaxation solutions	Stanitz, John D	1-Jan-52	19930083421	NACA-TN-2593
Altitude-wind-tunnel investigation of performance and windmilling drag characteristics of Westinghouse X24C-4B axial-flow turbojet engine	Meyer, Carl L; Bloomer, Harry E	23-Nov-48	19930093741	NACA-RM-E8J25a
The use of perforated inlets for efficient supersonic diffusion	Evvard, John C; Blakey, John W	25-Jun-47	19930085570	NACA-RM-E7C26
Effectiveness of ceramic coatings in reducing corrosion of five heat-resistant alloys by lead-bromide vapors	Moore, Dwight G; Mason, Mary A	1-Jun-51	19930083302	NACA-TN-2380
Propeller-loudness charts for light airplanes	Hubbard, Harvey H; Regier, Arthur A	1-Jul-47	19930081983	NACA-TN-1358
Preliminary experiments with pilot burners for ram-jet combustors	Farley, John M; Smith, Robert E; Povolny, John H	2-Jan-53	19930087552	NACA-RM-E52J23
Investigation of Pressure Distribution over an Extended Leading-Edge Flap on a 42 Degrees Sweptback Wing	Conner, D. William; Foster, Gerald V.	19-Dec-47	19930085822	NACA-RM-L7J03
Bench and engine operation of a fuel-distribution control	Gold, Harold; Koenig, Robert J	14-Jun-48	19930085347	NACA-RM-E8A28a
Considerations in the adaptation of low-cost fuels to gas-turbine-powered commercial aircraft	Barnett, Henry C; Mccafferty, Richard J	1-Oct-53	19930087697	NACA-RM-E53H05
Pressure-sensitive system for gas-temperature control	Matz, Norman; Cesaro, Richard S	1-Jun-48	19930085405	NACA-RM-E8C04
Aerodynamic characteristics of four bodies of revolution showing some effects of afterbody shape and fineness ratio at free-stream Mach numbers from 1.50 to 1.99	Cohen, Robert J	22-May-51	19930086608	NACA-RM-E51C06
Pressure-distribution measurements on the rotating blades of a single-stage axial-flow compressor	Runckel, Jack F; Davey, Richard S	1-Feb-47	19930082140	NACA-TN-1189
Investigation of spoiler ailerons for use as speed brakes or glide-path controls on two NACA 65-Series wings equipped with full-span slotted flaps	Fischel, Jack; Watson, James M	1-Aug-49	19930082810	NACA-TN-1933
Free-spinning-tunnel investigation of a 1/30-scale model of the Grumman XS2F-1 airplane : TED No. NACA DE 366	Healy, Frederick M	17-Sep-52	19930087355	NACA-RM-SL52I17
Experimental and theoretical study of the interference at low speed between slender bodies and triangular wings	Hopkins, Edward J; Carel, Hubert C	6-May-53	19930087489	NACA-RM-A53A14
Drag near zero lift of a 1/7-scale model of the Convair B-58 external store as measured in free flight between Mach numbers of 0.8 and 2.45	Hopko, Russell N	3-Aug-55	19930088880	NACA-RM-SL55G22a
Recurrence formulas and differential equations for stress analysis of cambered box beams	Kempner, Joseph	1-Oct-47	19930082104	NACA-TN-1466

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Experimental determination of the lateral stability of a glider towed by a single towline and correlation with an approximate theory	Maggin, Bernard; Shanks, Robert E	12-Nov-48	19930085449	NACA-RM-L8H23
Effect of radiant energy on vaporization and combustion of liquid fuels	Berlad, A L; Hibbard, R R	13-Nov-52	19930087314	NACA-RM-E52I09
Wind-tunnel investigation of a number of total-pressure tubes at high angles of attack : subsonic speeds	Gracey, William; Letko, William; Russell, Walter R	1-Apr-51	19930082936	NACA-TN-2331
Rupture strength of several nickel-base alloys in sheet form	Dance, James H; Clauss, Francis J	1-Apr-57	19930084719	NACA-TN-3976
Analysis of the effects of design pressure ratio per stage and off-design efficiency on the operating range of multistage axial-flow compressors	Savage, Melvyn; Westphal, Willard R	1-Dec-50	19930082888	NACA-TN-2248
Flight measurements of the horizontal-tail loads on a swept-wing fighter airplane at transonic speeds	Sadoff, Melvin	6-Nov-53	19930087620	NACA-RM-A53G10
Experimental investigation of the effect of entrance width-to-height ratio on the performance of an auxiliary scoop-type inlet at Mach numbers from 0 to 1.3	Brajnikoff, George B; Stroud, John F	30-Jul-53	19930087644	NACA-RM-A53E28
Effects of certain flow nonuniformities on lift, drag, and pitching moment for a transonic-airplane model investigated at a Mach number of 1.2 in a nozzle of circular cross section	Ritchie, Virgil S	31-Aug-49	19930086011	NACA-RM-L9E20a
Transition caused by the laminar flow separation	Maekawa, T; Atsumi, Shoichi	1-Sep-52	19930093878	NACA-TM-1352
Preliminary investigation of combustion in flowing gas with various turbulence promoters	Haddock, Gordon W; Childs, J Howard	7-Jun-48	19930085393	NACA-RM-E8C02
An Analysis of the Stability and Ultimate Compressive Strength of Short Sheet-Stringer Panels with Special Reference to the Influence of Riveted Connection Between Sheet and Stringer	Semonian, Joseph W; Peterson, James P	1-Mar-55	19930084292	NACA-TN-3431
Aerodynamic mixing downstream from line source of heat in high-intensity sound field	Mickelson, William R; Baldwin, Lionel V	1-Aug-56	19930084698	NACA-TN-3760
Investigation of turbojet engine performance at speeds and gas temperatures above rated using turbine-blade external water-spray cooling from stationary injection orifices	Freche, John; Mckinnon, Roy A	11-Oct-54	19930089375	NACA-RM-E54G30
Approximate methods for calculating the flow about nonlifting bodies of revolution at high supersonic airspeeds	Eggers, A J , Jr; Savin, Raymond C	1-Dec-51	19930083341	NACA-TN-2579
Preliminary investigation of reflections of oblique waves from a porous wall	Davis, Don D , Jr; Wood, George P	9-Nov-50	19930086310	NACA-RM-L50G19a
Charts of airplane acceleration ratio for gusts of arbitrary shape	Mazelsky, Bernard	1-Feb-50	19930082693	NACA-TN-2036
Pressure-distribution measurements on a full-scale horizontal tail surface for a Mach number range of 0.20 to 0.70	Schueller, Carl F	25-Jun-47	19930085609	NACA-RM-L7D08
Wind-tunnel investigation of the static longitudinal and lateral stability of the Bell X-1A at supersonic speeds	Henderson, Arthur, Jr	27-Oct-55	19930088885	NACA-RM-L55I23
Analysis of Multiengine Transport Airplane Fire Records	Pesman, Gerard J.	1-May-50	19930086114	NACA-RM-E9J19

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A theoretical analysis of the effect of engine angular momentum on longitudinal and directional stability in steady rolling maneuvers	Gates, Ordway B , Jr; Woodling, C H	1-Apr-58	19930085225	NACA-TN-4249
Aluminum borohydride as an ignition source for turbojet combustors	Straight, David M; Fletcher, Edward A; Foster, Hampton H	3-Sep-53	19930087668	NACA-RM-E53G15
Propagation of sound into a wind-created shadow zone	Pridmore-Brown, David C	22-Apr-57	19930089629	NACA-RM-57B25
Wind-tunnel investigation of the effects of wing thickness on the static longitudinal and lateral stability of unswept wings of aspect ratio 3 at high subsonic speeds	Hayes, William C , Jr; Polhamus, Edward C	23-Aug-56	19930089396	NACA-RM-L56E30a
Preliminary correlation of the effect of compressibility on the location of the section aerodynamic center at subcritical speeds	Polhamus, Edward C	3-Nov-48	19930085414	NACA-RM-L8D14
Aerodynamic characteristics of a 45 degree swept-wing fighter-airplane model and aerodynamic loads on adjacent stores and missiles at Mach numbers of 1.57, 1.87, 2.16, and 2.53	Oehman, Waldo I; Turner, Kenneth L	24-Jun-58	19930090064	NACA-RM-L58C17
Lift and pitching-moment interference between a pointed cylindrical body and triangular wings of various aspect ratios at Mach numbers of 1.50 and 2.02	Nielsen, Jack N; Katzen, Elliott D; Tang, Kenneth K	12-Sep-50	19930086198	NACA-RM-A50F06
Wind-tunnel investigation of the stability of the jettisonable nose section of the XS-2 airplane	Scher, Stanley H; Goodwin, Roscoe H	14-Oct-48	19930085547	NACA-RM-L8I14
A multiple bridge for elimination of contact-resistance errors in resistance strain-gauge measurements	Warshawsky, Isidoro	1-Mar-46	19930081948	NACA-TN-1031
Relation between spark-ignition engine knock, detonation waves, and autoignition as shown by high-speed photography	Miller, Cearcy D	1-Apr-46	19930093249	NACA-WR-E-238, NACA-ARR-E6C22
Further investigation of preheating and postheating in spot-welding 0.040-inch Alclad 24S-T	Hess, W F; Winsor, F J	1-Dec-47	19930082072	NACA-TN-1440
Wind-tunnel investigation at subsonic and supersonic speeds of a model of a tailless fighter airplane employing a low-aspect-ratio swept-back wing : effects of external fuel tanks and rocket packets on the drag characteristics	Smith, Willard G	12-Jan-53	19930090428	NACA-RM-A52J31
The boundary-layer and stalling characteristics of the NACA 64A010 airfoil section	Peterson, Robert F	1-Nov-50	19930082878	NACA-TN-2235
Hinge-moment and control-effectiveness characteristics of an outboard flap with an overhang nose balance on a tapered 35 degree sweptback wing of aspect ratio 4 : transonic-bump method	Thompson, Robert F; Moseley, William C , Jr	28-Aug-52	19930087327	NACA-RM-L52G08
Investigations of the boundary-layer control on a full scale swept wing with air bled off from the turbojet	Rebuffet, Pierre; Poisson-Quinton, PH	1-Apr-52	19930093899	NACA-TM-1331
Free-spinning-tunnel investigation to determine the effect of spin-recovery rockets and thrust simulation on the recovery characteristics of a 1/25-scale model of the Chance Vought XF8U-1 airplane : TED No. NACA DE 392	Burk, Sanger M , Jr; Lee, Henry A	7-Feb-55	19930088622	NACA-RM-SL55B09

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High-speed wind-tunnel tests of an NACA 0009-64 airfoil having a 33.4-percent-chord flap with an overhang 20.1 percent of the flap chord	Stevenson, David B; Adler, Alfred A	1-Sep-47	19930082109	NACA-TN-1417
Mechanism of Start and Development of Aircraft Crash Fires	Pinkel, I. Irving; Preston, G. Merritt; Pesman, Gerard J.	28-Aug-52	19930087103	NACA-RM-E52F06
Free-Spinning-Tunnel Investigation of a 1/25-Scale Model of the Mcdonnell F3H-2N Airplane	Lee, Henry A.	29-Apr-57	19930089778	NACA-RM-SL57D18
An experimental investigation of the effect of wheel prerotation on landing-gear drag loads	Potter, Dexter M	1-Oct-54	19930083950	NACA-TN-3250
On subsonic flow past a paraboloid of revolution	Kaplan, Carl	1-Feb-57	19930084455	NACA-TN-3700
The effect of rate of change of angle of attack on the maximum lift coefficient of a pursuit airplane	Gadeberg, Burnett L	20-Jan-49	19930085457	NACA-RM-A8130
Effects of antispin fillets and dorsal fins on the spin and recovery characteristics of airplanes as determined from free-spinning-tunnel tests	Gale, Lawrence J; Jones, Ira P	1-Dec-48	19930082451	NACA-TN-1779
Sound-level measurements of a light airplane modified to reduce noise reaching the ground	Vogeley, A W	1-Jul-48	19930082264	NACA-TN-1647
Transonic Wind-Tunnel Investigation of Static Longitudinal Stability and Control Characteristics and Drag of a 0.05-Scale Model of the Chance Vought XF8U-3 Airplane : TED No. NACA AD 3133	Pierpont, P Kenneth	20-Sep-57	19930089809	NACA-RM-SL57I09, NACA-AD-3133
Theoretical performance of JP-4 fuel and liquid oxygen as a rocket propellant II : equilibrium composition	Huff, Vearl N; Fortini, Anthony; Gordon, Sanford	7-Sep-56	19930089331	NACA-RM-E56D23
Preparation and properties of concentrated boronhydrocarbon slurry fuels	Goodman, Irving A; Fenn, Virginia O	6-Aug-54	19930088277	NACA-RM-E54F18a
Development of a new flutter testing technique using a towed dynamic airplane model equipped with an automatic stabilizing system	Schneider, William C	25-Mar-55	19930088796	NACA-RM-L54L23
Hydrodynamic impact loads in smooth water for a prismatic float having an angle of dead rise of 10 degrees	Edge, Philip M , Jr	1-Jan-56	19930084313	NACA-TN-3608
The interpretation of biaxial-tension experiments involving constant stress ratios	Batdorf, S B	1-Feb-50	19930082686	NACA-TN-2029
Low-speed investigation of the lateral-control characteristics of a flap-type spoiler and a spoiler-slot deflector on a 30 degree sweptback wing-fuselage model having an aspect ratio of 3, a taper ratio of 0.5, and NACA 65A004 airfoil section	Hammond, Alexander D	23-Aug-56	19930089324	NACA-RM-L56F18
A study of injection processes for 15-percent fluorine - 85-percent oxygen and heptane in a 200-pound-thrust rocket engine	Heidmann, M F	15-Jan-57	19930089480	NACA-RM-E56J11
Heat transfer from high-temperature surfaces to fluids II : correlation of heat-transfer and friction data for air flowing in inconel tube with rounded entrance	Lowdermilk, Warren H; Grele, Milton D	10-Mar-49	19930093767	NACA-RM-E8L03

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Limited investigation of effects of differential horizontal-tail deflection on lateral control characteristics of two swept-wing airplane models at Mach numbers from 1.4 to 2.0	Spearman, M Leroy	13-Dec-56	19930089576	NACA-RM-L56I20
Aerodynamic heating of rocket-powered research vehicles at hypersonic speeds	Piland, Robert O; Collie, Katherine A	19-Jul-55	19930088771	NACA-RM-L55E10c
Applications of auxiliary air injectors to supersonic wind tunnels	Spiegel, Joseph M; Kuehn, Donald M; Hofstetter, Robert U	25-Nov-53	19930088252	NACA-RM-A53I01
Drag of external stores and nacelles at transonic and supersonic speeds	Smith, Norman F; Bielat, Ralph P; Guy, Lawrence D	29-Oct-53	19930087925	NACA-RM-L53I23b
Free-flight tests of 0.11-scale Chance Vought XF8U-1 airplane wings to investigate the possibility of flutter in the transonic and low supersonic speed ranges : TED No. NACA DE 392	O'Kelly, Burke R	19-Oct-54	19930088463	NACA-RM-SL54J21
Take-off performance of light twin-float sea- planes	Parkinson, John B	1-Feb-48	19930082208	NACA-TN-1524
The effect of control-surface-servo natural frequency on the dynamic performance characteristics of an acceleration control system applied to a supersonic missile	Passera, Anthony L; Nason, Martin L	29-Sep-53	19930087771	NACA-RM-L53G23a
Fabrication techniques and heat-transfer results for cast-cored air-cooled turbine blades	Freche, John C; Oldrieve, Robert E	22-Jun-56	19930089196	NACA-RM-E56C06
Performance of supersonic axial-flow compressors based on one-dimensional analysis	Wright, Linwood C; Klapproth, John F	25-Mar-49	19930090569	NACA-RM-E8L10
Friction and surface damage of several corrosion-resistant materials	Peterson, Marshall B; Johnson, Robert L	20-Feb-52	19930087851	NACA-RM-E51L20
Critical shear stress of long plates with transverse curvature	Batdorf, S B; Schildcrout, Murry; Stein, Manuel	1-Jun-47	19930081971	NACA-TN-1346
Effective modulus in plastic buckling of high-strength aluminum-alloy sheet	Miller, James A; Jacobs, Pearl V	20-Sep-51	19930086822	NACA-RM-51G11
Approximate design method for high-solidity blade elements in compressors and turbines	Stanitz, John D	1-Jul-51	19930082974	NACA-TN-2408
Recent control studies	Lowry, John G	16-Feb-56	19930089170	NACA-RM-L55L22a
Experimental investigation at Mach numbers 1.88, 3.16, and 3.83 of pressure drag of wedge diverters simulating boundary-layer-removal systems for side inlets	Piercy, Thomas G; Johnson, Harry W	15-Feb-54	19930088091	NACA-RM-E53L14b
Cooling characteristics of a transpiration-cooled afterburner with a porous wall of brazed and rolled wire cloth	Koffel, William K	19-Aug-54	19930089264	NACA-RM-E54E25
A simplified method for calculating aeroelastic effects on the roll of aircraft	Hedgepeth, John M; Waner, Paul G , Jr; Kell, Robert J	1-Mar-55	19930084579	NACA-TN-3370
Aerodynamic characteristics and flying qualities of a tailless triangular-wing airplane configuration as obtained from flights of rocket-propelled models at transonic and low supersonic speeds	Mitcham, Grady L; Stevens, Joseph E; Norris, Harry P	9-Feb-50	19930086144	NACA-RM-L9L07
Flight test of an end-burning solid-fuel ram jet	Bartlett, Walter A , Jr	25-Mar-54	19930088123	NACA-RM-L54B08a
A survey and evaluation of flutter research and engineering		5-Oct-56	19930089522	NACA-RM-56I12

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Full-scale investigation of cooling shroud and ejector nozzle for a turbojet engine : afterburner installation	Wallner, Lewis E; Jansen, Emmert T	17-Dec-51	19930086959	NACA-RM-E51J04
Relation of turbine-engine combustion efficiency to second-order reaction kinetics and fundamental flame speed	Childs, J Howard; Graves, Charles C	24-Aug-54	19930088411	NACA-RM-E54G23
Effect of compression-inlet area blockage on performance of an experimental compressor and a hypothetical noise	Filippi, Richard E; Lucas, James G	5-Apr-55	19930088525	NACA-RM-E54L01
Low-speed investigation of a small triangular wing of aspect ratio 2.0 III : static stability with twin vertical fins	Rose, Leonard	24-Aug-48	19930085402	NACA-RM-A8C03
Experimental influence coefficients for the deflection of the wing of a full-scale, swept-wing bomber	Mayo, Alton P; Ward, John F	22-Apr-54	19930090481	NACA-RM-L53L23
A structural-efficiency evaluation of titanium at normal and elevated temperatures	Heimerl, George J; Barrett, Paul F	1-Jan-51	19930082933	NACA-TN-2269
Low-temperature ignition-delay characteristics of several rocket fuels with mixed acid in modified open-cup-type apparatus	Miller, Riley O	17-Oct-50	19930086307	NACA-RM-E50H16
Ignition-delay determinations of furfuryl alcohol and mixed butyl mercaptans with various white fuming nitric acids using modified open-cup and small-scale rocket engine apparatus	Ladanyi, Dezso J; Miller, Riley O; Hennings, Glen	18-Feb-55	19930087665	NACA-RM-E53E29
Lateral-control investigation of flap-type controls on a wing with quarter-chord line swept back 35 degrees, aspect ratio 4, taper ratio 0.6, and NACA 65A006 airfoil section : transonic-bump method	Thompson, Robert F	25-Jan-50	19930086195	NACA-RM-L9L12a
Influence of hot-working conditions on high-temperature properties of a heat-resistant alloy	Ewing, John F; Freeman, J W	1-Aug-56	19930084466	NACA-TN-3727
Fatigue tests at stresses producing failure in 2 to 10,000 cycles	Hardrath, Herbert F; Illg, Walter	1-Jan-54	19930083947	NACA-TN-3132
Effect of high-lift devices on the low-speed static lateral and yawing stability characteristics of an untapered 45 degrees sweptback wing	Lichtenstein, Jacob H	30-Sep-48	19930085454	NACA-RM-L8G20
Hydrodynamic impact loads in rough water for a prismatic float having an angle of dead rise of 30 degrees	Miller, Robert W	1-Dec-48	19930082448	NACA-TN-1776
Downwash behind a triangular wing of aspect ratio 3 - : transonic bump method	Axelson, John A	1-Dec-53	19930087922	NACA-RM-A53I23
Transonic aerodynamic characteristics of an NACA 64A006 airfoil section with a 15-percent-chord leading-edge flap.	Humphreys, Milton D	1-Sep-53	19930087768	NACA-RM-L53G23
An investigation of high-frequency combustion oscillations in liquid-propellant rocket engines	Mantler, Raymond L; Tischler, Adelbert O; Massa, Rudolph V	26-Jun-53	19930087848	NACA-RM-E53B27
Experimental transonic flutter characteristics of an untapered, 45 degree sweptback, aspect ratio 4 wing	Ruhlin, Charles L	26-Mar-56	19930089167	NACA-RM-L55L22
Wind-tunnel investigation of the aerodynamic characteristics in pitch of wing-fuselage combinations at high subsonic speeds : aspect-ratio series	Kuhn, Richard E; Wiggins, James W	1-Apr-52	19930086956	NACA-RM-L52A29

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Longitudinal stability characteristics at transonic speeds of a rocket-propelled model of an airplane configuration having a 45 degree swept wing of aspect ratio 6.0	Mcfall, John C , Jr	4-Jan-54	19930087765	NACA-RM-L53G22a
Temperature-control study of turbine region of turbojet engine, including turbine-blade time constants and starting characteristics	Phillips, W E , Jr	25-Apr-56	19930089164	NACA-RM-E55L22
Aerodynamic characteristics of a cruciform-wing missile with canard control surfaces and of some very small span wing-body missiles at a Mach number of 1.41	Spearman, M Leroy; Robinson, Ross B	12-Apr-54	19930088117	NACA-RM-L54B11
Investigation of a supersonic-compressor rotor with turning to axial direction I : rotor design and performance	Tysl, Edward R; Klapproth, John, F; Hartmann, Melvin J	19-Aug-53	19930087762	NACA-RM-E53F23
Investigation of the effect of spanwise positioning of a vertically symmetric ogive-cylinder nacelle on the high-speed aerodynamic characteristics of a 45 degree sweptback tapered-in-thickness wing of aspect ratio 6 with and without a fuselage	Silvers, H Norman; King, Thomas J , Jr	7-Oct-53	19930087759	NACA-RM-L53H17
A tabulation of wind-tunnel pressure data at Mach numbers of 1.61 and 2.01 for five swept wings of the same plan form but different surface shapes	Grant, Frederick C	27-Jun-58	19930090101	NACA-RM-L58D23
The Knock-Limited Performance of Fuel Blends Containing Aromatics V : N-Propylbenzene, N-Butylbenzene, Isobutylbenzene, M-Xylene, and 1-Isopropyl-4-Methylbenzene	Meyer, Carl L.; Branstetter, J. Robert	1-Mar-46	19930093465	NACA-WR-E-237, NACA-ARR-E6C05
Method for calculation of compressible laminar boundary-layer characteristics in axial pressure gradient with zero heat transfer	Morduchow, Morris; Clarke, Joseph H	1-Sep-52	19930083454	NACA-TN-2784
Wing loads and load distributions throughout the lift range of the Douglas X-3 research airplane at transonic speeds	Keener, Earl R; Jordan, Gareth H	9-Nov-56	19930090104	NACA-RM-H56G13
Progress report on strength and creep of special ceramic bodies in tension at elevated temperatures	Burdick, M D	1-Jun-46	19930093361	NACA-WR-W-48, NACA-ARR-6D24
Investigation of two bluff shapes in axial free flight over a Mach number range from 0.35 and 2.15	Coltrane, Lucille C	18-Mar-58	19930089869	NACA-RM-L58A16
The effect of the inlet Mach number and inlet-boundary-layer thickness on the performance of a 23 degree conical-diffuser-tail-pipe combination	Persh, Jerome	21-Mar-50	19930093820	NACA-RM-L9K10
Introduction to electrical-circuit analogies for beam analysis	Benscoter, Stanley U; Macneal, Richard H	1-Sep-52	19930083457	NACA-TN-2785
An analysis of the normal accelerations and airspeeds of several Lockheed Constellation L-649 airplanes in postwar commercial transport operations over the eastern part of the United States	Coleman, Thomas L	11-Apr-50	19930086032	NACA-RM-L9E18a
Transonic flutter investigation of arrowhead wing with tip ailerons and trailing-edge flaps	Jones, George W; Boswinkle, Robert W , Jr	4-Nov-57	19930089821	NACA-RM-L57H22

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Normal-force and hinge-moment characteristics at transonic speeds of flap-type ailerons at three spanwise locations on a 4-percent-thick sweptback-wing-body model and pressure distribution measurements on an inboard aileron	Runckel, Jack F; Hieser, Gerald	5-Dec-57	19930089975	NACA-RM-L57I23
Experimental investigation of the flow field behind an aspect-ratio-10 hydrofoil near the water surface	Carter, Arthur W; Butler, Roger V	24-Feb-53	19930087415	NACA-RM-L52L11
Fuselage side inlets : a study of some factors affecting their performance and a comparison with nose inlets	Mossman, Emmet A; Pfyl, Frank A; Lazzeroni, Frank A	2-Apr-56	19930088968	NACA-RM-A55F29
Analysis of performance of jet engine from characteristics of components I : aerodynamic and matching characteristics of turbine component determined with cold air	Goldstein, Arthur W	1-Oct-47	19930082095	NACA-TN-1459
Tables for the numerical determination of the Fourier transform of a function of time and the inverse Fourier transform of a function of frequency, with some applications to operational calculus methods	Huss, Carl R; Donegan, James J	1-Oct-57	19930085058	NACA-TN-4073
Penetration of liquid jets into a high-velocity air stream	Chelko, Louis J	14-Aug-50	19930086225	NACA-RM-E50F21
Performance of a two-dimensional cascade inlet at a free-stream Mach number of 3.05 and at angles of attack of -3 degrees, 0 degrees, 3 degrees, and 6 degrees	Woolett, Richard R; Ferguson, Harold M	5-Mar-58	19930090011	NACA-RM-E57L06
Investigation of turbines suitable for use in a turbojet engine with high compressor pressure ratio and low compressor tip-speed II : velocity-diagram study of turbine for engine operation with constant exhaust-nozzle area	Davison, Elmer H; English, Robert E	19-Jun-52	19930087133	NACA-RM-E52D14
Flight measurements of horizontal-tail loads on the Douglas X-3 research airplane	Stephenson, Harriet J	18-Apr-56	19930090107	NACA-RM-H56A23
Analysis of turbulent free-convection boundary layer on flat plate	Eckert, E R G; Jackson, Thomas W	1-Oct-50	19930083113	NACA-TN-2207
Sonic-flow-orifice temperature probe for high-gas-temperature measurements	Blackshear, Perry L , Jr	1-Sep-50	19930082780	NACA-TN-2167
Engine performance of alloy 73J turbine blades cast to predetermined grain sizes	Johnston, James R; Gyorgak, Charles A; Weeton, John W	2-Jul-54	19930088307	NACA-RM-E54E05
Effect of camber on the drag of a body of revolution	Dickey, Robert R	19-Oct-56	19930089425	NACA-RM-A56E23
An estimate of the fluctuating surface pressures encountered in the reentry of a ballistic missile	Callaghan, Edmund E	1-Jul-58	19930085104	NACA-TN-4315
Comparison of calculated and experimental load distributions on thin wings at high subsonic and sonic speeds	Crigler, John L	1-Jan-57	19930085012	NACA-TN-3941
Approximate solutions of a class of similarity equations for three-dimensional, laminar, incompressible boundary-layer flows	Hansen, Arthur G; Herzig, Howard Z	1-Sep-58	19930085301	NACA-TN-4375
Sidewash in the vicinity of lifting swept wings at supersonic speeds	Bobbitt, Percy J; Maxie, Peter J , Jr	1-Feb-57	19930084984	NACA-TN-3938
Preliminary investigation in J33 turbojet engine of several root designs for ceramal turbine blades	Deutsch, George C; Meyer, Andre J , Jr; Morgan, William C	26-Jan-53	19930087393	NACA-RM-E52K13

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Theoretical and analog studies of the effects of nonlinear stability derivatives on the longitudinal motions of an aircraft in response to step control deflections and to the influence of proportional automatic control	Curfman, Howard J , Jr	23-Feb-51	19930086800	NACA-RM-L50L11
Observations on Bauschinger effect in copper and brass	Schwartzbart, H; Jones, M H; Brown, W F , Jr	19-Jun-51	19930086617	NACA-RM-E51D13
Relationship of metal surfaces to heat-aging properties of adhesive bonds	Black, J M; Blomquist, R F	1-Sep-58	19930085114	NACA-TN-4287
Two-dimensional wind-tunnel investigation of an approximately 14-percent-thick NACA 66-series-type airfoil section with a double slotted flap	Braslow, Albert L; Loftin, Laurence K , Jr	1-Aug-46	19930081769	NACA-TN-1110
Calculation and measurement of normal modes of vibration of an aluminum-alloy box beam with and without large discontinuities	Smith, Frank C; Howard, Darnley M	1-Jan-53	19930083782	NACA-TN-2884
Shocks in helical flows through annular cascades of stator blades	Wasserman, Robert; Goldstein, Arthur W	1-Dec-54	19930084116	NACA-TN-3329
On the problem of gas flow over an infinite cascade using Chaplygin's approximation	Bugaenko, G A	1-May-51	19930093932	NACA-TM-1298
Maximum-lift characteristics of a wing with the leading-edge sweepback decreasing from 45 degrees at the root to 20 degrees at the tip at Reynolds numbers from 2.4×10^6 to 6.0×10^6	Lange, Roy H	6-Jul-50	19930086085	NACA-RM-L50A04a
Investigation of a nonlinear control system	Flugge-Lotz, I; Taylor, C F	1-Apr-57	19930084536	NACA-TN-3826
Experimental investigation of transition of a model helicopter rotor from hovering to vertical autorotation	Slaymaker, S E; Lynn, Robert R; Gray, Robin B	1-Mar-52	19930083584	NACA-TN-2648
The static and dynamic-rotary stability derivatives at subsonic speeds of an airplane model with an unswept wing and a high horizontal tail	Buell, Donald A; Reed, Verlin D; Lopez, Armando E	14-Jan-57	19930089487	NACA-RM-A56I04
The interference effects of a body on the spanwise load distributions of two 45 degrees sweptback wings of aspect ratio 8 from low-speed tests at a Reynolds number of 4×10^6	Martina, Albert P	26-Feb-52	19930087984	NACA-RM-L51K23
Preliminary flight survey of aerodynamic noise on an airplane wing	Mull, Harold R; Algranti, Joseph S	2-Mar-56	19930089048	NACA-RM-E55K07
Pressure losses of titanium and magnesium slurries in pipes and pipeline transitions	Weltmann, Ruth N; Keller, Thomas A	1-Jan-57	19930084740	NACA-TN-3889
Applicability of the hypersonic similarity rule to pressure distributions which include the effects of rotation for bodies of revolution at zero angle of attack	Rossow, Vernon J	1-Jun-51	19930090560	NACA-TN-2399
Flight measurements of the dynamic lateral and longitudinal stability of the Bell X-5 research airplane at 58.7 degrees sweepback	Videan, Edward N	6-Oct-55	19930089024	NACA-RM-H55H10
General method for computation of equilibrium composition and temperature of chemical reactions	Huff, Vearl N; Morrell, Virginia E	1-Jun-50	19930082909	NACA-TN-2113
An investigation of a thermal ice-prevention system for a C-46 cargo airplane I : analysis of the thermal design for wings, empennage, and windshield	Neel, Carr, Jr	1-Jan-46	19930093076	NACA-WR-A-52, NACA-ARR-5A03
Effect of distributed granular-type roughness on boundary-layer transition at supersonic speeds with and without surface cooling	Braslow, Albert L	10-Mar-58	19930089872	NACA-RM-L58A17

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Rotating-stall and rotor-blade-vibration survey of a 13-stage axial-flow compressor in a turbojet engine	Calvert, Howard F; Braithwaite, Willis M; Medeiros, Arthur A	29-Apr-55	19930090522	NACA-RM-E54J18
Measurements of aerodynamic characteristics of a 35 degree sweptback NACA 65-009 airfoil model with 1/4-chord plain flap by the NACA wing-flow method	Johnson, Harold I	5-Aug-47	19930085682	NACA-RM-L7F13
A simple approximate method for obtaining spanwise lift distributions over swept wings	Diederich, Franklin W	10-May-48	19930093823	NACA-RM-L7I07
Theoretical investigation of the effects of configuration changes on the center of pressure shift of a body-wing-tail combination due to angle of attack and Mach number at transonic and supersonic speeds	Spahr, J Richard	2-Sep-55	19930088745	NACA-RM-A55F02
Experimental investigation of stiffened circular cylinders subjected to combined torsion and compression	Peterson, James P	1-Sep-50	19930082837	NACA-TN-2188
Investigation of effect of notches on elevated-temperature fatigue strength of N-155 alloy	Hoffman, C A	26-Apr-54	19930088079	NACA-RM-E53L31a
Stability and control flight tests of a 0.13-scale model of the consolidated-Vultee XFY-1 airplane in take-offs, landings, and hovering flight : TED No. NACA DE 368	Lovell, Powell M , Jr; Smith, Charles C , Jr; Kirby, Robert H	1-Oct-52	19930087319	NACA-RM-SL52I26
Exact solutions of laminar-boundary-layer equations with constant property values for porous wall with variable temperature	Donoughe, Patrick L; Livingood, John N B	1-Sep-54	19930083859	NACA-TN-3151
Experimental investigation of the zero-lift wave drag of seven pairs of delta wings with constant and varying thickness ratios at Mach numbers of 1.62, 1.93, and 2.41	Henderson, Arthur JR	3-Jun-55	19930088651	NACA-RM-L55D13
Measurement of the longitudinal moment of inertia of a flexible airplane	Cole, Henry A , Jr; Bennion, Frances L	1-Nov-56	19930084639	NACA-TN-3870
Elastic buckling under combined stresses of flat plates with integral waffle-like stiffening	Dow, Norris F; Levin, L Ross; Troutman, John L	1-Jan-54	19930083753	NACA-TN-3059
Lateral elastic instability of hat-section stringers under compressive load	Goodman, Stanley	1-Jan-51	19930082941	NACA-TN-2272
Analytical study of the equilibrium thickness of boric oxide deposits on jet-engine surfaces	Setze, Paul C	8-Oct-57	19930089720	NACA-RM-E57F13b
The drag of finite-length cylinders determined from flight tests at high Reynolds numbers for a Mach number range from 0.5 to 1.3	Welsch, Clement J	1-Jun-53	19930083676	NACA-TN-2941
Investigation of symmetric body indentations designed to reduce the transonic zero-lift wave drag of a 45 degree swept wing with an NACA 64A006 section and with a thickened leading-edge section	Holdaway, George H; Hatfield, Elaine W	19-Mar-57	19930089658	NACA-RM-A56K26
Friction studies of graphite and mixtures of graphite with several metallic oxides and salts at temperatures to 1000 F	Peterson, Marshall B; Johnson, Robert L	1-Feb-56	19930084859	NACA-TN-3657
Wind-tunnel investigation of the effect of sweep and taper ratio on effectiveness of spoiler-slot-deflector controls on aspect-ratio-4 wings at transonic speeds	Hammond, Alexander D; Mckinney, Linwood W	14-Aug-58	19930090177	NACA-RM-L58E29
Development of turbulence-measuring equipment	Kovaszny, Leslie S G	1-Jan-53	19930083572	NACA-TN-2839

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The synthesis and purification of aromatic hydrocarbons II : 1, 2, 4-trimethylbenzene	Ebersole, Earl R	1-Jan-46	19930081848	NACA-TN-1020
Plastic stress-strain relations for combined tension and compression	Marin, Joseph; Wiseman, H A B	1-Jul-52	19930083460	NACA-TN-2737
A theoretical investigation of the effect of yawing moment due to rolling on lateral oscillatory stability	Johnson, Joseph L; Sternfield, Leonard	1-Oct-48	19930082416	NACA-TN-1723
Altitude-wind-tunnel investigation of turbine performance in J47 turbojet engine	Thorman, H Carl; Mcaulay, John E	21-Sep-50	19930086035	NACA-RM-E9K10
Lift and moment responses to penetration of sharp-edged traveling gusts, with application to penetration of weak blast waves	Drishler, Joseph A; Diederich, Franklin W	1-May-57	19930084684	NACA-TN-3956
Investigation of effects of surface temperature and single roughness elements on boundary-layer transition	Liepmann, Hans W; Fila, Gertrude H	1-Apr-47	19930082463	NACA-TN-1196
Crash injury	Pesman, Gerard J; Eiband, Martin A	1-Nov-56	19930084482	NACA-TN-3775
Investigation of a two-step nozzle in an 11-inch hypersonic tunnel	McLellan, Charles H; Williams, Thomas W; Bertram, Mitchel H	25-Oct-49	19930086048	NACA-RM-L9G26
Exploratory investigation at Mach number 4.06 of an airplane configuration having a wing of trapezoidal form : effects of various tail arrangements on wing-on and wing-off static longitudinal and lateral stability characteristics	Dunning, Robert W; Ulmann, Edward F	28-Apr-55	19930088636	NACA-RM-L55D08
A flight investigation to increase the safety of a light airplane	Hunter, P A; Vensel, J R	1-Mar-47	19930081862	NACA-TN-1203
Experimental investigation of base pressure on blunt-trailing-edge wings at supersonic velocities	Chapman, Dean R; Wimbrow, William R; Kester, Robert H	1-Jan-52	19930083368	NACA-TN-2611
Behavior of a cantilever plate under rapid-heating conditions	Vosteen, Louis F; Fuller, Kenneth E	25-Jul-55	19930088759	NACA-RM-L55E20c
Bearing strengths of some aluminum-alloy permanent-mold castings	Finley, E M	1-Feb-51	19930082990	NACA-TN-2312
Some examples of the applications of the transonic and supersonic area rules to the prediction of wave drag	Nelson, Robert L; Welsh, Clement J	20-Mar-57	19930089280	NACA-RM-L56D11
On traveling waves in beams	Leonard, Robert W; Budiansky, Bernard	1-Jan-53	19930083738	NACA-TN-2874
A free-flight investigation of the effects of simulated sonic turbojet exhaust on the drag of a boattail body with various jet sizes from Mach number 0.87 to 1.50	Falanga, Ralph A	18-Aug-55	19930088786	NACA-RM-L55F09a
Investigation of boundary-layer transition on flat-faced bodies of revolution at high supersonic speeds	Canning, Thomas N; Sommer, Simon C	7-Jun-57	19930089695	NACA-RM-A57C25
Effect of design over-all compressor pressure ratio division on two-spool turbojet-engine performance and geometry	Dugan, James F , Jr	7-Sep-54	19930088321	NACA-RM-E54F24a
Instability of outstanding flanges simply supported at one edge and reinforced by bulbs at other edge	Goodman, Stanley; Boyd, Evelyn	1-Dec-47	19930082064	NACA-TN-1433
On a source-sink method for the solution of the Prandtl-Busemann iteration equations in two-dimensional compressible flow	Harder, Keith C; Klunker, E B	1-Dec-50	19930082893	NACA-TN-2253

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A flight investigation of the effect of steady rolling on the natural frequencies of a body-tail combination	Bergrun, Norman R; Nickel, Paul A	1-Aug-53	19930083713	NACA-TN-2985
Experimental investigation of the effects of support interference on the drag of bodies of revolution at a Mach number of 1.5	Perkins, Edward W	7-May-48	19930085558	NACA-RM-A8B05
Comparison of two methods of modulating the throat area of convergent plug nozzles	Krull, H George; Beale, William T	11-May-55	19930088566	NACA-RM-E54L08
Experimental investigation of lift, drag, and pitching moment of five annular airfoils	Fletcher, Herman S	1-Oct-57	19930084906	NACA-TN-4117
Lift, drag, and pitching moment of low-aspect-ratio wings at subsonic and supersonic speeds : triangular wing of aspect ratio 2 with NACA 0005-63 thickness distribution, cambered and twisted for a trapezoidal span load distribution	Smith, Willard G; Phelps, E Ray	5-Feb-51	19930086478	NACA-RM-L50K27a
Effect of section thickness and trailing-edge radius on the performance of NACA 65-series compressor blades in cascade at low speeds	Herrig, L Joseph; Emery, James C; Erwin, John R	13-Dec-51	19930086925	NACA-RM-L51J16
Correlation of physical properties with molecular structure for dicyclic hydrocarbons II : 2-alkylbiphenyl and the two isomeric 2-alkylbicyclohexyl series	Goodman, Irving A; Wise, Paul H	1-Jul-51	19930083232	NACA-TN-2419
Analytical investigation of single-stage-turbine efficiency characteristics in terms of work and speed requirements	Stewart, Warner L	15-Oct-56	19930089592	NACA-RM-E56G31
Rough-water impact-load investigation of a chine-immersed V-bottom model having a dead-rise angle of 10 degrees	Markey, Melvin F; Carpini, Thomas D	1-Oct-57	19930084844	NACA-TN-4123
Experimental investigation of a 0.4 hub-tip diameter ratio axial-flow compressor inlet stage at transonic inlet relative Mach numbers IV : performance of tapered-tip rotor configuration with reset blade angles	Montgomery, John C; Glaser, Frederick	28-Feb-57	19930089643	NACA-RM-E56L06
Jet effects on pressure loading of all-movable horizontal stabilizer	Valerino, Alfred S	10-Oct-54	19930088354	NACA-RM-E54C24
Altitude operational characteristics of a prototype model of the J47D (RX1-1 and RX1-3) turbojet engines with integrated electronic control	Bloomer, Harry E; Conrad, E William; Sobolewski, Adam E	8-Jan-52	19930086683	NACA-RM-E51E08
An investigation of aircraft heaters XXXII : measurement of thermal conductivity of air and of exhaust gases between 50 and 900 F	Boelter, L M K; Sharp, W H	1-Jul-49	19930082590	NACA-TN-1912
Investigation at low speeds of the effect of aspect ratio and sweep on rolling stability derivatives of untapered wings	Goodman, Alex; Fisher, Lewis R	1-Mar-49	19930082522	NACA-TN-1835
Transonic investigation of yawed wings of aspect ratios 3 and 6 with a Sears-Haack body and with symmetrical and asymmetrical bodies indented for a Mach number of 1.20	Holdaway, George H; Hatfield, Elaine W	30-Jun-58	19930090023	NACA-RM-A58C03
Time histories of horizontal-tail loads and deformations on a jet-powered bomber airplane during wind-up turns at 15,000 feet and 22,500 feet	Mcgowan, William A; Wiener, Bernard	12-May-50	19930086296	NACA-RM-L50C21a

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Theoretical investigation of longitudinal response characteristics of a swept-wing fighter airplane having a normal acceleration control system and a comparison with other types of systems	Stokes, Fred H; Mathews, Charles W	1-Jul-54	19930084051	NACA-TN-3191
Comparison of theoretical stresses and deflections of multicell wings with experimental results obtained from plastic models	Zender, George W	1-Nov-56	19930084614	NACA-TN-3813
On stability and turbulence of fluid flows	Heisenberg, Werner	1-Jun-51	19930093939	NACA-TM-1291
Results of the flight test of a 0.13-scale rocket-boosted model of the McDonnell F4H-1 airplane between Mach numbers of 0.20 and 1.90 : TED No. NACA AD 3115	Hastings, Earl C , Jr; Dickens, Waldo L	8-Nov-57	19930089978	NACA-RM-SL57K20
Strength of thin-web beams with transverse load applied at an intermediate upright	Levin, L Ross	1-Feb-48	19930082345	NACA-TN-1544
The low-speed lift and pitching moment characteristics of a 45 degree sweptback wing of aspect ratio 8 with and without high-lift and stall-control devices as determined from pressure distribution at a Reynolds number of 4.0×10^6	Bollech, Thomas V; Hadaway, William M	20-Jan-53	19930087418	NACA-RM-L52K26
Effects of chord discontinuities and chordwise fences on low-speed static longitudinal stability of an airplane model having a 35 degree sweptback wing	Jaquet, Byron M	24-Jun-52	19930087196	NACA-RM-L52C25
Investigation of a simple device for preventing separation due to shock and boundary-layer interaction	Donaldson, Coleman Dup	29-Nov-50	19930086247	NACA-RM-L50B02a
Synthesis and purification of some alkylbiphenyls and alkylbicyclohexyls	Goodman, Irving A; Wise, Paul H	1-Jan-51	19930082925	NACA-TN-2260
Flight measurements of the low-speed characteristics of a 35 degree swept-wing airplane with area suction boundary-layer control on the flaps	Anderson, Seth B; Quigley, Hervey C	3-Feb-56	19930089040	NACA-RM-A55K29
Tests of a model horizontal tail of aspect ratio 4.5 in the Ames 12-foot pressure wing tunnel II : elevator hinge line normal to the plane of symmetry	Tinling, Bruce E; Dickson, Jerald K	17-Oct-49	19930086101	NACA-RM-A9H11a
Supplementary investigation in the Langley 20-foot free-spinning tunnel of a 1/20-scale model of the Douglas F4D-1 airplane with external wing fuel tanks : TED No. NACA AD 3116	Bowman, James S , Jr	27-Dec-57	19930089948	NACA-RM-SL57L19
Airfoil section characteristics at high angles of attack	Loftin, Laurence K , Jr	1-Aug-54	19930083920	NACA-TN-3241
Effects of sweepback on boundary layer and separation	Jones, Robert T	1-Jul-47	19930080788	NACA-TN-1402
Flight investigation of pentaborane fuel in rocket boosted 9.75-inch-diameter ramjet engine with convergent-divergent exhaust nozzle	Disher, John H	17-Sep-57	19930089905	NACA-RM-E57F27
Preliminary experimental investigation of a variable-area, variable-internal-contraction air inlet at Mach numbers between 1.42 and 2.44	Scherrer, Richard; Gowen, Forrest E	7-Sep-55	19930088971	NACA-RM-A55F23
Experimental investigation of a high subsonic Mach number turbine having high rotor blade suction-surface diffusion	Nusbaum, William J; Hauser, Cavour H	20-Nov-56	19930090209	NACA-RM-E56I18

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Measurements of aileron effectiveness of Bell X-1 airplane up to a Mach number of 0.82	Drake, Hubert M	20-Jun-49	19930085865	NACA-RM-L9D13
Performance of J33 turbojet engine with shaft-power extraction III : turbine performance	Huppert, M C; Nettles, J C	6-Jun-49	19930093774	NACA-RM-E9B01
Bending of rectangular plates with large deflections	Wang, Chi-Teh	1-Apr-48	19930082098	NACA-TN-1462
Lift, drag, and pitching moment of low-aspect-ratio wings at subsonic and supersonic speeds : plane triangular wing of aspect ratio 2 with NACA 0008-63 section	Smith, Donald W; Heitmeyer, John C	1-Feb-51	19930086427	NACA-RM-A50K20
Characteristics of a wedge with various holder configurations for static-pressure measurements in subsonic gas streams	Gettelman, Clarence C; Krause, Lloyd N	5-Sep-51	19930086790	NACA-RM-E51G09
Investigation of ice formation in the induction system of an aircraft engine II : flight tests	Zlotowski, Edward D	1-Jun-46	19930093066	NACA-WR-E-177, NACA-MR-E6E16
Measurements of Static and Total Pressure Throughout the Transonic Speed Range as Obtained from an Airspeed Head Mounted on a Freely Falling Body	Mathews, C. W.; Thompson, J. R.	24-Apr-47	19930085713	NACA-RM-L7C04a
Analytical method of determining transmission of particles and radiation through great thickness of matter	Bobrowsky, A R	1-Sep-48	19930082401	NACA-TN-1712
Investigation of temperature limitation of various lubricants for high-temperature 20-millimeter-bore ball bearings	Nemeth, Z N; Anderson, W J	1-Jan-55	19930084147	NACA-TN-3337
Stress-strain and elongation graphs for Alclad aluminum-alloy 24S-T sheet	Miller, James A	1-May-48	19930082197	NACA-TN-1512
Qualitative simulator study of longitudinal stick forces and displacements desirable during tracking	Faber, Stanley	1-Feb-58	19930085061	NACA-TN-4202
A theoretical investigation of the influence of autopilot natural frequency upon the dynamic performance characteristics of a supersonic canard missile configuration with a pitch-attitude control system	Passera, Anthony L	9-Oct-51	19930086730	NACA-RM-L51H02
Effect of design variables on performance of Mach 4.0 hydrogen expansion engines	Dugan, James F , Jr	22-Jul-58	19930090033	NACA-RM-E58D28
Effect of various compounds in use with airplane engines upon foaming of aircraft lubricating oil	Mcbain, J W; Woods, W W	1-Apr-49	19930082503	NACA-TN-1843
NACA research on slurry fuels through 1954	Olson, Walter T; Breitwieser, Roland	21-Apr-55	19930088662	NACA-RM-E55B14
Effect of inlet temperature and humidity on thrust augmentation of turbojet engine by compressor-inlet injection	Shillito, Thomas B; Harp, James L , Jr	3-Jul-50	19930086277	NACA-RM-E50D19
Investigation of the NACA 4-(0)(03)-045 two-blade propeller at forward Mach numbers to 0.925	Carmel, Melvin M; Milillo, Joseph R	14-Mar-50	19930086228	NACA-RM-L50A31a
The calculation of drag for airfoil sections and bodies of revolution at subcritical speeds	Heaslet, Max A; Nitzberg, Gerald E	23-Apr-47	19930085646	NACA-RM-A7B06
Simulator investigation of command reaction controls	Holleman, Euclid C; Stillwell, Wendell H	17-Jul-58	19930090190	NACA-RM-H58D22

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Theory and design of a pneumatic temperature probe and experimental results obtained in a high-temperature gas stream	Simmons, Frederick S; Glawe, George E	1-Jan-57	19930084753	NACA-TN-3893
Aerodynamic study of a wing-fuselage combination employing a wing swept back 63 degrees : characteristics throughout the subsonic speed range with the wing cambered and twisted for a uniform load at a lift coefficient of 0.25	Jones, J Lloyd; Demele, Fred A	15-Aug-49	19930085914	NACA-RM-A9D25
Aerodynamic and inlet-flow-field characteristics at a free-stream Mach number of 3.0 for airplanes with circular fuselage cross sections and for two engine locations	Dryer, Murray; Luidens, Roger W	18-Mar-58	19930090014	NACA-RM-E57K26
Investigation of nickel-aluminum alloys containing from 14 to 34 percent aluminum	Maxwell, W A; Grala, E M	1-Aug-54	19930083993	NACA-TN-3259
Flutter analysis of rectangular wings of very low aspect ratio	Fralich, Robert W; Hedgepeth, John M	1-Jun-58	19930085215	NACA-TN-4245
Effect of pressure level on afterburner-wall temperatures	Shillito, Thomas B; Smolak, George R	11-Jun-58	19930090129	NACA-RM-E58D01
Flight measurements of the lateral stability and control characteristics of a high-speed fighter airplane	Crane, H L; Beckhardt, A R; Matheny, C E	23-Sep-52	19930087000	NACA-RM-L52B14
Effect of downwash on the estimated elevator deflection required for trim of the XS-1 airplane at supersonic speeds	Matthews, James T , Jr	1-Nov-48	19930085539	NACA-RM-L8H06a
Wind-tunnel investigation of effects of spoiler location, spoiler size, and fuselage nose shape on directional characteristics of a model of a tandem-rotor helicopter fuselage	Williams, James L	1-Jul-58	19930085050	NACA-TN-4305
Low-speed experimental investigation of the magnus effect on various sections of a body of revolution with and without a propeller	Queijo, M J; Fletcher, Herman S	1-Aug-57	19930084976	NACA-TN-4013
Performance at low speeds of compressor rotors having low-cambered NACA 65-series blades with high inlet angles and low solities	Emery, James C; Howard, Paul W	1-Aug-58	19930085254	NACA-TN-4344
Combustion-efficiency investigation of special fuels in single tubular-type combustor at simulated altitude conditions	Dittrich, Ralph T	15-Aug-47	19930085656	NACA-RM-E7F11
One-dimensional flows of an imperfect diatomic gas	Eggers, A J , Jr	1-Apr-49	19930082533	NACA-TN-1861
The zero-lift wave drag of a particular family of unswept, tapered wings with linearly varying thickness ratio	Henderson, Arthur, Jr; Goodwin, Julia M	1-May-55	19930084221	NACA-TN-3418
Preliminary flight measurements of the total-pressure recovery of a split-wing ram-jet inlet at Mach numbers from 1.4 to 3.16	Hinners, Arthur H , Jr	4-Mar-54	19930088167	NACA-RM-SL54C03
Investigation of shock diffusers at Mach number 1.85 l : projecting single-shock cones	Moeckel, W E; Connors, J F; Schroeder, A H	17-Jun-47	19930090343	NACA-RM-E6K27
Static longitudinal and lateral stability parameters of three flared-skirt two-stage missile configurations at a Mach number of 6.86	Penland, Jim A; Carroll, C Maria	5-Jun-57	19930090533	NACA-RM-L57D15

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Wind-tunnel investigation at subsonic and supersonic speeds of a fighter model employing a low-aspect-ratio unswept wing and a horizontal tail mounted well above the wing plane - longitudinal stability and control	Smith, Willard G	15-Nov-54	19930088387	NACA-RM-A54D05
Transonic wind-tunnel investigation of the aerodynamic loading characteristics of a 60 degree delta wing in the presence of a body with and without indentation	Mugler, John P , Jr	15-Sep-55	19930088841	NACA-RM-L55G11
Influence of fuselage and canard-type control surface on the flow field adjacent to a rearward fuselage station at a Mach number of 2.0 : data presentation	Obery, Leonard J; Fradenburgh, Evan A; Mello, John F	21-Jan-52	19930087136	NACA-RM-E51K05
An investigation of some factors affecting the drag of relatively large nonlifting bodies of revolution in a slotted transonic wind tunnel	Pendley, Robert E; Bryan, Carroll R	15-Jan-53	19930087262	NACA-RM-L52H22
Maximum altitude and maximum Mach number obtained with the modified Douglas D-558-II research airplane during demonstration flights	Dahlen, Theodore E	20-Apr-53	19930089125	NACA-RM-L53B24
Some measurements of aerodynamic forces and moments at subsonic speeds on a rectangular wing of aspect ratio 2 oscillating about the midchord	Widmayer, Edward, Jr; Clevenson, Sherman A; Leadbetter, Sumner A	25-Aug-53	19930087729	NACA-RM-L53F19
Collection and analysis of wind-tunnel data on the characteristics of isolated tail surfaces with and without end plates	Bates, William R	1-May-47	19930081909	NACA-TN-1291
Methods of constructing charts for adjusting test results for the compressive strength of plates for differences in material properties	Heimerl, George J	1-Apr-48	19930082370	NACA-TN-1564
Ground reflection of jet noise	Howes, Walton L	1-Apr-58	19930085262	NACA-TN-4260
Free-flight experience of the lateral stability characteristics at low lift of a 45 degree swept-wing rocket-propelled model equipped with a nonlinear yaw-rate damper system at Mach numbers from 0.76 to 1.73	D'Aiutolo, Charles T; Willoughby, William W; Coltrane, Lucille C	8-Feb-57	19930090110	NACA-RM-L56L18
Preliminary free-flight study of the drag and stability of a series of short-span missiles at Mach numbers from 0.9 to 1.3	Hall, James Rudyard	8-Feb-56	19930089033	NACA-RM-L55J13
A comparison of the measured and predicted lateral oscillatory-characteristics of a 35 degree swept-wing fighter airplane	Mcneill, Walter E; Cooper, George E	1-Aug-55	19930084202	NACA-TN-3521
Data presentation of force characteristics of several engine-strut-body configurations at Mach numbers of 1.8 and 2.0 / Robert T. Madden and Emil J. Kremzier	Madden, Robert T; Kremzier, Emil J	14-Aug-51	19930086834	NACA-RM-E51E29
Effect of pressure and duct geometry on bluff-body flame stabilization	Potter, Andrew E , Jr; Wong, Edgar L	1-Sep-58	19930085311	NACA-TN-4381
Low-subsonic investigation to determine the chordwise pressure distribution and effectiveness of spoilers on a thin, low-aspect-ratio, unswept, untapered, semispan wing and on the wing with leading and trailing-edge flaps	Croom, Delwin R	23-Apr-58	19930090076	NACA-RM-L58B05
Tests of bonded and riveted sheet-stringer panels	Mordfin, Leonard; Wilks, I E	1-Jun-54	19930084082	NACA-TN-3215
Comparison of Wind-Tunnel and Flight Measurements of Stability and Control Characteristics of a Douglas A-26 Airplane	Koven, William; Kayten, Gerald G.	1-Mar-46	19930092590	NACA-WR-L-99, NACA-ARR-L5H11a

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Flight evaluation of the effects of leading-edge-slat span on the stability and control characteristics of a swept-wing fighter-type airplane during accelerated longitudinal maneuvers at transonic speeds	Matranga, Gene J; Armistead, Katharine H	6-Mar-58	19930089937	NACA-RM-H58A03a
Longitudinal stability and drag characteristics at Mach numbers from 0.75 to 1.5 of an airplane configuration having a 60 degree swept wing of aspect ratio 2.24 as obtained from rocket-propelled models	Mcfall, John C , Jr; Vitale, A James; Morrow, John D	11-Apr-52	19930087155	NACA-RM-L51K06
Pressure drop in coolant passages of two air-cooled turbine-blade configurations	Brown, W Byron; Slone, Henry O	17-Jun-52	19930087281	NACA-RM-E52D01
The effects of aerodynamic brakes upon the speed characteristics of airplanes	Stephenson, Jack D	1-Sep-49	19930082614	NACA-TN-1939
Effect of plastic viscosity and yield value on spray characteristics of magnesium-slurry fuel	Prok, George M	7-Jan-57	19930089531	NACA-RM-E56J19a
Low-speed static lateral and rolling stability characteristics of a series of configuration composed of intersecting triangular plan-form surfaces	Thomas, David F , Jr	1-Oct-55	19930084240	NACA-TN-3532
Effects of obstructions in compressor inlet on blade vibration in 10-stage axial-flow compressor	Meyer, Andre' J; Calvert, Howard F; Morse, C Robert	13-Feb-50	19930086109	NACA-RM-E9L05
Preliminary results from free-jet tests of a 48-inch-diameter ram-jet combustor with an annular can-type flame holder	Wentworth, Carl B; Dobson, Wilbur F; Rayle, Warren D	11-May-55	19930089391	NACA-RM-E54L07
Linearized supersonic theory of conical wings	Lagerstrom, P A	1-Jan-50	19930082681	NACA-TN-1685
Development of a supersonic area rule and an application to the design of a wing-body combination having high lift-to-drag ratios	Whitcomb, Richard T; Fiscetti, Thomas L	2-Oct-53	19930087914	NACA-RM-L53H31a
An analysis of the errors in curve-fitting problems with an application to the calculation of stability parameters from flight data	Shinbrot, Marvin	1-Nov-52	19930083449	NACA-TN-2820
Internal performance of two-dimensional wedge exhaust nozzles	Beale, William T; Povolny, John H	28-Feb-57	19930089690	NACA-RM-E56K29b
A design study of leading-edge inlets for unswept wings	Dannenberg, Robert E	1-Mar-54	19930083915	NACA-TN-3126
Determination of Aircraft Antenna Loads Produced by Natural Icing Conditions	Kepple, William L	18-Feb-48	19930085708	NACA-RM-E7H26a
Experimental investigation of an axial-flow supersonic compressor having sharp leading-edge blades with an 8-percent mean thickness chord ratio	Goldberg, Theodore J	4-Feb-55	19930088382	NACA-RM-L54K16
Approximate indicial lift functions for several wings of finite span in incompressible flow as obtained from oscillatory lift coefficients	Drischler, Joseph A	1-May-56	19930084394	NACA-TN-3639
Preliminary aerodynamic data pertinent to manned satellite reentry configurations	Penland, Jim A; Armstrong, William O	21-Jul-58	19930090163	NACA-RM-L58E13a
Static longitudinal and lateral stability and control characteristics of an 0.065-scale model of the Chance Vought Regulus II missile at Mach numbers of 1.41, 1.61, and 2.01 : TED No. NACA AD 398	Robinson, Ross B; Driver, Cornelius; Spearman, M Leroy	6-Jun-55	19930088736	NACA-RM-SL55E31
Collection and analysis of hinge-moment data on control-surface tabs	Purser, Paul E; Cook, Charles B	1-Apr-47	19930081802	NACA-TN-1113
Experimental evaluation of methods for improving diffuser-exit total-pressure profiles for a side-inlet model at Mach number 1.91	Klann, John L	22-Jan-57	19930089583	NACA-RM-E56K05a

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Loads on external stores at transonic and supersonic speeds	Guy, Lawrence D	15-Aug-55	19930088722	NACA-RM-L55E13b
A preliminary study of a propeller powered by gas jets issuing from the blade tips	Sanders, J C; Sanders, N D	1-Nov-46	19930081825	NACA-TN-1155
An investigation of a source of short-round behavior of mortar shells	Bird, John D; Lichtenstein, Jacob H	26-Oct-56	19930089457	NACA-RM-L56G20a
A limited flight investigation of the effect of dynamic vibration absorbers on the response of an airplane structure during buffeting	Thompson, Jim Rogers; Yeates, John E , Jr	25-Jan-55	19930088452	NACA-RM-L54K02
Design and experimental investigation of a single-stage turbine with a downstream stator	Plohr, Henry W; Holeski, Donald E; Forrette, Robert E	25-Jan-57	19930089606	NACA-RM-E56K10
Low-speed investigation of the stalling of a thin, faired, double-wedge airfoil with nose flap	Rose, Leonard M; Altman, John M	1-Aug-50	19930082783	NACA-TN-2172
An investigation of fretting corrosion under several conditions of oxidation	Sakmann, B W; Rightmire, B G	1-Jun-48	19930082149	NACA-TN-1492
Simulated-altitude investigations of performance of tubular aircraft oil coolers	Manson, S V	1-Apr-48	19930082389	NACA-TN-1567
Static lateral stability characteristics of a 1/16 scale model of the Douglas D-558-II research airplane at Mach numbers of 1.61 and 2.01	Grant, Frederick C; Robinson, Ross B	4-Nov-53	19930089137	NACA-RM-L53I29a
Experimental investigation of the heat-transfer characteristics of an air-cooled sintered porous turbine blade	Schafer, Louis J , Jr; Bartoo, Edward R; Richards, Hadley T	5-Feb-52	19930087166	NACA-RM-E51K08
Heat transfer by free convection from horizontal cylinders in diatomic gases	Hermann, R	1-Nov-54	19930093864	NACA-TM-1366
Preliminary investigation of effectiveness of base bleed in reducing drag of blunt-base bodies in supersonic stream	Cortright, Edgar M , Jr; Schroeder, Albert H	9-Mar-51	19930086690	NACA-RM-E51A26
Critical shear stress of a curved rectangular panel with a central stiffener	Stein, Manuel; Yaeger, David J	1-Oct-49	19930082641	NACA-TN-1972
Some notes on the probable damage to an intercontinental-ballistic-missile warhead following puncture of the heat shield	Strass, H K; Goodman, V M	29-Sep-58	19930090242	NACA-RM-L58G31
Internal performance of several types of jet-exit configurations for supersonic turbojet aircraft	Fleming, William A	13-Jan-53	19930087367	NACA-RM-E52K04
Langley 9-inch supersonic tunnel tests of several modifications of a supersonic missile having tandem cruciform lifting surfaces : three-component data results of models having ratios of wing span to tail span equal to and less than 1 and some static	Rainey, Robert W	7-Mar-51	19930086355	NACA-RM-L50G07
Correlation of forced-convection heat-transfer data for air flowing in smooth platinum tube with long-approach entrance at high surface and inlet-air temperatures	Desmon, Leland G; Sams, Eldon W	2-Nov-50	19930086364	NACA-RM-E50H23
Systematic Two-Dimensional Cascade Tests of NACA 65-Series Compressor Blades at Low Speeds	Herrig, L Joseph; Emery, James C; Erwin, John R	14-Sep-51	19930093730	NACA-RM-L51G31
Experiments on a tail-wheel shimmy	Harling, R; Dietz, O	1-Oct-54	19930093854	NACA-TM-1376
An analysis of the effect of a curved ramp on the take-off performance of catapult-launched airplanes	Reed, Wilmer H , III	5-Nov-52	19930087290	NACA-RM-L52I05

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Preliminary results of supersonic-jet tests of simplified wing structures	Heldenfels, Richard R; Rosecrans, Richard	8-Jul-53	19930087625	NACA-RM-L53E26a
Horizontal tail loads in maneuvering flight	Pearson, Henry A; McGowna, William A; Donegan, James J	1-Apr-50	19930082901	NACA-TN-2078
Longitudinal flight characteristics of the Bell X-5 research airplane at 59 degree sweepback with modified wing roots	Martin, James A	10-Aug-53	19930087649	NACA-RM-L53E28
Detailed computational procedure for design of cascade blades with prescribed velocity distributions in compressible potential flows	Costello, George R; Cummings, Robert L; Sinnette, John T , Jr	1-Feb-51	19930083135	NACA-TN-2281
Longitudinal stability and control characteristics as determined by the rocket-model technique for an inline, cruciform, canard missile configuration with a low-aspect-ratio wing having trailing-edge flap controls for a Mach number range of 0.7 to 1.	Baber, Hal T , Jr; Moul, Martin T	28-Sep-55	19930086337	NACA-RM-L54B12
An investigation at high subsonic speeds of the pressure distributions on a 45 degree sweptback vertical tail in sideslip with and without a 45 degree sweptback horizontal tail located on the fuselage center line	Wiley, Harleth G; Moseley, William C , Jr	2-Nov-54	19930088310	NACA-RM-L54H23
Experimental investigation of Marquardt shock-positioning control unit on a 28-inch ram-jet engine	Crowl, R; Dunbar, W R; Wentworth, C	1-Jan-56	19930089428	NACA-RM-E56E09
A Comparison of Wing Loads Measured in Flight on a Fighter-Type Airplane by Strain-Gage and Pressure Distribution Methods	Aiken, William S; Howard, Donald A	1-Nov-49	19930082623	NACA-TN-1967
An investigation of the subsonic speed range of a full-span and a semispan model of a plane wing and of a cambered and twisted wing, all having 45 degrees of sweepback	Shibata, Harry H; Bandettini, Angelo; Cleary, Joseph	26-Jun-52	19930087272	NACA-RM-A52D01
Lift-curve slopes determined in flight on a flexible swept-wing jet bomber	Aiken, William S , Jr; Fisher, Raymond A	19-Dec-56	19930089410	NACA-RM-L56E21a
Theoretical investigation of the dynamic lateral stability characteristics of the Douglas X-3 research airplane : study 41-B	Bennett, Charles V	27-Apr-50	19930086128	NACA-RM-L50B28
Turbojet engine noise reduction with mixing nozzle-ejector combinations	Coles, Willard D; Mihaloew, John A; Callaghan, Edmund E	1-Aug-58	19930085107	NACA-TN-4317
Investigation of variation in base pressure over the Reynolds number range in which wake transition occurs for nonlifting bodies of revolution at Mach numbers from 1.62 to 2.62	Van Hise, Vernon	1-Jan-57	19930085015	NACA-TN-3942
Accelerations in transport-airplane crashes	Preston, G Merritt; Pesman, Gerard J	1-Feb-58	19930084969	NACA-TN-4158
Analytical and experimental investigation of temperature recovery factors for fully developed flow of air in a tube	Weiland, W F; Lowdermilk, W H; Deissler, R G	1-Sep-58	19930085304	NACA-TN-4376
Flight measurements of boundary-layer temperature profiles on a body of revolution (NACA RM-10) at Mach numbers from 1.2 to 3.5	Swanson, Andrew G; Buglia, James J; Chauvin, Leo T	1-Jul-57	19930084933	NACA-TN-4061
The formation and stability of normal shock waves in channel flows	Kantrowitz, Arthur	1-Mar-47	19930081837	NACA-TN-1225

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Experimental evaluation of low-band-pass landing-gear shock absorber for pulse loadings	Schnitzer, Emanuel	1-Sep-58	19930085286	NACA-TN-4387
Experimentally determined natural vibration modes of some cantilever-wing flutter models by using an acceleration method	Hanson, Perry W; Tuovila, W J	1-Apr-57	19930084951	NACA-TN-4010
The useful heat capacity of several materials for ballistic nose-cone construction	Stalder, Jackson R	1-Nov-57	19930084987	NACA-TN-4141
Measurements of the motions of a large swept-wing airplane in rough air	Rhyne, Richard H	1-Sep-58	19930085089	NACA-TN-4310
Influence of static longitudinal stability on the behavior of airplanes in gusts	Hoene, H	1-Nov-51	19930093907	NACA-TM-1323
Some properties of high-purity sintered wrought molybdenum metal at temperatures up to 2400 F	Long, Roger A; Dike, K C; Bear, H R	1-Mar-51	19930083002	NACA-TN-2319
Effects of multiaxial stretching on crazing and other properties of transparent plastics	Wolock, Irvin; George, Desmond A	20-Oct-54	19930088288	NACA-RM-54F22
Some control considerations for ram-jet engines / c Seymour Himmel	Himmel, Seymour C	11-Aug-52	19930090440	NACA-RM-E52F10
Performance characteristics of canard-type missile with wing-mounted nacelle engines at Mach numbers 1.5 to 2.0	Kremzier, Emil J; Davids, Joseph	24-Nov-52	19930087396	NACA-RM-E52J08
Experimental investigation of several afterburner configurations on a J79 turbojet engine	Bloomer, Harry E; Campbell, Carl E	1-Jan-57	19930089956	NACA-RM-E57I18
An investigation of the effect of target temperature on projectile penetration and cratering	Kinard, William H; Lambert, C H , Jr	28-Jul-58	19930090168	NACA-RM-L58E14
Description and analysis of a rocket-vehicle experiment on flutter involving wing deformation and body motions	Cunningham, H J; Lundstrom, R R	1-Jan-55	19930084060	NACA-TN-3311
Effect of sweep on performance of compressor blade sections as indicated by swept-blade rotor, unswept-blade rotor, and cascade tests	Godwin, William R	1-Jul-57	19930084940	NACA-TN-4062
Effects of boundary-layer control on the longitudinal characteristics of a 45 degrees swept-forward wing-fuselage combination	Mccormack, Gerald M; Cook, Woodrow L	2-Feb-50	19930086016	NACA-RM-A9K02a
Low-speed aerodynamic characteristics of a large-scale 60 degree swept-back wing with high lift devices	Kelly, Mark W	3-Mar-52	19930087039	NACA-RM-A52A14a
Experimental study of the equivalence of transonic flow about slender cone-cylinders of circular and elliptic cross section	Page, William A	1-Apr-58	19930085182	NACA-TN-4233
Abnormal grain growth in S-816 alloy	Rush, A I; Freeman, J W; White, A E	1-Apr-52	19930083845	NACA-TN-2678
Equilibrium operating performance of axial-flow turbojet engines by means of idealized analysis	Sanders, John C; Chapin, Edward C	1-Oct-49	19930082633	NACA-TN-1956
Some low-speed studies of the effects of wing location on wing-deformation-body-freedom flutter	Widmayer, E , Jr	5-Nov-52	19930087300	NACA-RM-L52I24
Fundamental flame velocities of pure hydrocarbons II : alkadienes	Levine, Oscar; Wong, Edgar L; Gerstein, Melvin	3-Nov-50	19930086373	NACA-RM-E50H25
Turbojet combustion efficiency at high altitudes	Olson, Walter T; Childs, J Howard; Jonash, Edmund R	27-Oct-50	19930086433	NACA-RM-E50I07

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Analysis of the dynamic lateral stability characteristics of the Bell X-2 airplane as affected by variations in mass, aerodynamic, and dimensional parameters	Michael, W H , Jr; Queijo, M J	10-Aug-49	19930085939	NACA-RM-L9G13
General treatment of compressible flow in ejectors and example of its application to problem of effect of ejector addition on thrust of jet-propulsion units	Ellerbrock, Herman H , Jr	16-Jun-47	19930085790	NACA-RM-L6L23
Cooling of gas turbines IX : cooling effects from use of ceramic coatings on water-cooled turbine blades	Brown, W Byron; Livingood, John N B	13-Oct-48	19930093970	NACA-RM-E8H03
Preliminary evaluation of the air and fuel specific-impulse characteristics of several potential ram-jet fuels II : magnesium and magnesium - octene-1 slurries	Gammon, Benson E	2-May-51	19930086602	NACA-RM-E51C23
Performance characteristics at Mach numbers to 2.0 of various types of side inlets mounted on fuselage of proposed supersonic airplane II : inlets utilizing half of a conical spike	Allen, J L; Simon, P C	4-Sep-52	19930087308	NACA-RM-E52G08
Calculated subsonic span loads and resulting stability derivatives of unswept and 45 degrees sweptback tail surfaces in sideslip and in steady roll	Queijo, M J; Riley, Donald R	1-Oct-54	19930083928	NACA-TN-3245
Two miniature temperature recorders for flight use	Foster, John V	1-Apr-55	19930084101	NACA-TN-3392
Effects of simulated skin wrinkles on the wing surface on the aerodynamic characteristics of two wing-body combinations employing wings of low aspect ratio at subsonic and supersonic speeds	Heitmeyer, John C; Smith, Willard G	5-Aug-52	19930087209	NACA-RM-A52E23
Supersonic flow past nonlifting bumped and indented bodies of revolution	McLean, F Edward; Renneman, Conrad, Jr	1-Sep-56	19930084560	NACA-TN-3744
:Investigation of a 24-inch shock-in-rotor type supersonic compressor designed for simple radial equilibrium behind normal shock	Lown, Harold; Hartmann, Melvin J	12-Dec-51	19930086803	NACA-RM-E51H08
Flight investigation of the effect of boundary-layer suction on profile-drag coefficient at supercritical Mach numbers	Skoog, Richard B	20-Sep-49	19930085847	NACA-RM-A9D04
Steady-state engine windmilling and engine speed decay characteristics of an axial-flow turbojet engine	Sobolewski, A E; Farley, J M	5-Dec-51	19930086989	NACA-RM-E51I06
Wind-tunnel development of optimum double-slotted-flap configurations for seven thin NACA airfoil sections	Cahill, Jones F; Racisz, Stanley F	28-Apr-47	19930085695	NACA-RM-L7B17
Report on the special field "Interference" to the wind-tunnel committee in February 1945	Schlichting, Hermann; Moller, Egon	1-May-53	19930093883	NACA-TM-1347
Experimental investigation of the effect of forebody bluntness on the pressure recovery and drag of a twin-scoop inlet-body combination at Mach numbers of 1.4 and 1.7	Stroud, John F	14-Feb-52	19930087185	NACA-RM-A51K14
Analysis of fully developed turbulent heat transfer and flow in an annulus with various eccentricities	Deissler, Robert G; Taylor, Maynard F	1-May-55	19930084129	NACA-TN-3451

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Large-scale flight measurements of zero-lift drag at Mach numbers from 0.8 to 1.6 of a wing-body combination having an unswept 4.5 percent thick wing with modified hexagonal sections	Schult, Eugene D	23-Mar-51	19930086620	NACA-RM-L51A15
Boundary-layer transition on an open-nose cone	Brinich, Paul F	1-Feb-58	19930085117	NACA-TN-4214
Initial flutter tests in the Langley transonic blowdown tunnel and comparison with free-flight flutter results	Bursnall, William J	7-Jan-53	19930087443	NACA-RM-L52K14
Force and pressure recovery characteristics at supersonic speeds of a conical spike inlet with bypasses discharging in an axial direction	Allen, J L; Beke, Andrew	30-Jan-53	19930087428	NACA-RM-E52K14
Analytic determination of the discharge coefficients of flow nozzles	Simmons, Frederick S	1-Apr-55	19930084355	NACA-TN-3447
Sideslip angles and vertical-tail loads in rolling pull-out maneuvers.	White, Maurice D; Lomax, Harvard; Turner, Howard L	1-Apr-47	19930081772	NACA-TN-1122
Tabulation of the $f(\text{sub } \lambda)$ functions which occur in the aerodynamic theory of oscillating wings in supersonic flow	Huckel, Vera	1-Feb-56	19930084301	NACA-TN-3606
Comparison of hovering performance of helicopters powered by jet-propulsion and reciprocating engines	Brightwell, Virginia L; Peters, Max D; Sanders, J C	11-Jun-48	19930085808	NACA-RM-E7K21
Application of the wire-mesh plotting device to incompressible cascade flows	Westphal, Willard R; Dunavant, James C	1-May-50	19930082802	NACA-TN-2095
Investigation of a high-pressure-ratio eight-stage axial-flow research compressor with two transonic inlet stages IV : modification of aerodynamic design and prediction of performance	Geye, Richard P; Voit, Charles H	1-Jun-55	19930088710	NACA-RM-E55B28
Handbook of structural stability part IV : failure of plates and composite elements	Gerard, George	1-Aug-57	19930084522	NACA-TN-3784
Theoretical augmentation of turbine-propeller engine by compressor-inlet water injection, tail-pipe burning, and their combination	Hensley, Reece V	1-Mar-52	19930083785	NACA-TN-2672
Preliminary investigation of effects of combustion in ram jet on performance of supersonic diffusers I : shock diffuser with triple-shock projecting cone	Connors, J F; Schroeder, A H	15-Sep-48	19930090378	NACA-RM-E8F15
Study of the subsonic forces and moments on an inclined plate of infinite span	Wick, Bradford H	1-Jun-54	19930084119	NACA-TN-3221
Cooling requirements for stability of laminar boundary layer with small pressure gradient at supersonic speeds	Low, George M	1-Mar-54	19930083820	NACA-TN-3103
The rate of decomposition of liquid pentaborane	Mcdonald, Glen E	21-Oct-55	19930088929	NACA-RM-E55H01
Thermal decomposition of some group I, II, and III metal alkyls	Rosenblum, Louis	15-Feb-57	19930089625	NACA-RM-E56L18
A transonic wind-tunnel investigation of the longitudinal force and moment characteristics of two delta wings and one clipped-tip delta wing of 4 percent thickness on a slender body	Palmer, William E; Burrows, Dale L	4-Apr-55	19930088618	NACA-RM-L55A07a
Flight measurement of the stability characteristics of the Douglas D-558-1 airplane (BuAero No. 37971) in sideslips	Williams, Walter C	18-Apr-48	19930085398	NACA-RM-L8E14a
Investigation of properties of AISI type 310B alloy sheet at high temperatures	Reynolds, E E; Freeman, James W; White, Albert Easton	1-Aug-50	19930082776	NACA-TN-2162

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Two-dimensional low-speed cascade investigation of NACA compressor blade sections having a systematic variation in mean-line loading	Erwin, John R; Emery, James C; Savage, Melvyn	25-Nov-53	19930088303	NACA-RM-L53I30b
An investigation of supersonic turbulent boundary layers on slender bodies of revolution in free flight by use of a Mach-Zehnder interferometer and shadowgraphs	Seiff, Alvin; Short, Barbara J	1-Sep-58	19930085297	NACA-TN-4364
Two-dimensional chord-wise load distributions at transonic speeds	Lindsey, Walter F; Dick, Richard S	18-Feb-52	19930086796	NACA-RM-L51I07
Flight experience of inertia coupling in rolling maneuvers	Weil, Joseph; Gates, Ordway B , Jr; Banner, Richard D; Kuhl, Albert E	21-Jul-55	19930088741	NACA-RM-H55E17b
Effect of 40 degree sweepback on the spin and recovery characteristics of a 1/25-scale model of a typical fighter-type airplane as determined by free-spinning-tunnel tests	Scher, Stanley H	1-Apr-47	19930081844	NACA-TN-1256
Flutter characteristics of swept wings at transonic speeds	Loftin, Laurence K , Jr	6-Jul-55	19930088755	NACA-RM-L55E19a
Coking of JP-4 fuels in electrically heated metal tubes	Smith, Arthur L; Cook, William P; Hlavin, Vincent F	20-Nov-56	19930089588	NACA-RM-E56H21
Gas flow with straight transition line	Ovsiannikov, L V	1-May-51	19930093935	NACA-TM-1295
Laboratory investigation of icing in the carburetor and supercharger inlet elbow of an aircraft engine VI : effect of modifications to fuel-spray nozzle on icing characteristics	Chapman, Gilbert E	1-Jan-46	19930093062	NACA-WR-E-175, NACA-MR-E6A23
Canard hinge moments and longitudinal stability of a 1/7-scale model of the Convair B-58 external store in a free-flight investigation at Mach numbers from 0.94 to 2.58 : COORD No. AF-204	Hollinger, James A	20-Jun-58	19930090186	NACA-RM-SL58F10
Fundamental study of erosion caused by steep pressure waves	Rightmire, B G; Bonneville, J M	1-Jun-54	19930084078	NACA-TN-3214
Investigation of unsteady flow past four NACA 6-percent-thick airfoil sections	Lindsey, Walter F; Ladson, Charles L	26-Jul-56	19930089387	NACA-RM-L56E14
Correlation of Wright Aeronautical Corporation cooling data on the R-3350-14 intermediate engine and comparison with data from the Langley 16-foot high-speed tunnel	Pinkel, Benjamin; Rubert, Kennedy F	1-Jul-46	19930093707	NACA-WR-E-60, NACA-ACR-E5A18
Drag investigation of a swept-wing fighter-airplane model incorporating two drag-rise-reducing fuselage revisions	Whitcomb, Charles F; Lee, Edwin E , Jr	19-Jul-55	19930088718	NACA-RM-L55E24
Correlation between strength properties in standard test specimens and molded phenolic parts	Turner, P S; Thomason, R H	1-May-46	19930080796	NACA-TN-1005
Circumferential distribution of propeller-slipstream total-pressure rise at one radial station of a twin-engine transport airplane	Vogeley, A W; Hart, H A	1-Apr-55	19930084297	NACA-TN-3432
Calculated engine performance and airplane range for variety of turbine-propeller engines	Nagey, Tibor F; Martin, Cecil G	1-Aug-50	19930082772	NACA-TN-2155
Effect of precipitate particles on creep of aluminum-copper alloys during age hardening	Underwood, E E; Marsh, L L; Manning, G K	1-Sep-58	19930085293	NACA-TN-4372

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Effects of nitrogen tetroxide and water concentration on freezing point and ignition delay of fuming nitric acid	Miller, Riley O	24-Sep-53	19930090451	NACA-RM-E53G31
Two-dimensional wind-tunnel investigation at high Reynolds numbers of two symmetrical circular-arc airfoil sections with high-lift devices	Underwood, William J; Nuber, Robert J	12-Mar-47	19930085719	NACA-RM-L6K22
An investigation at low speed of a large-scale triangular wing of aspect ratio two II : the effect of airfoil section modifications and the determination of the wake downwash	Anderson, Adrien E	10-Dec-47	19930085723	NACA-RM-A7H28
Influence of airfoil trailing-edge angle and trailing-edge-thickness variation on the effectiveness of a plain flap at high subsonic Mach numbers	Hemenover, Albert D; Graham, Donald J	22-May-51	19930086493	NACA-RM-A51C12a
Rolling performance of the Republic YF-84F airplane as measured in flight	Mckay, John B	25-Jan-55	19930088369	NACA-RM-H54G20a
Investigation at high subsonic speeds of the effects of various underwing external-store arrangements on the aerodynamic characteristics of a 1/16-scale model of the Douglas D-558-II Research Airplane	Silvers, H Norman; King, Thomas J , Jr	18-Jul-55	19930090325	NACA-RM-L55D11
Some aspects of fail-safe design of pressurized fuselages	Kuhn, Paul; Peters, Roger W	1-Jun-57	19930084958	NACA-TN-4011
A correlation of experimental zero-lift drag of rectangular wings with symmetrical NACA 65-series airfoil sections by means of the transonic similarity law for wings of finite aspect ratio	Danforth, Edward C B	17-Sep-51	19930086655	NACA-RM-L51G20
Reflection and transmission of sound by a slotted wall separating two moving fluid streams	Barger, Raymond L	1-Jun-58	19930085152	NACA-TN-4295
Experimental and calculated temperature and mass histories of vaporizing fuel drops	El Wakil, M M; Priem, R J; Brikowski, H J; Myers, P S; Uyehara, O A	1-Jan-56	19930084340	NACA-TN-3490
Electrical analogies for stiffened shells with flexible rings	Macneal, R H	1-Dec-54	19930083934	NACA-TN-3280
Planing characteristics of three surfaces representative of hydro-ski forms	Wadlin, Kenneth L; Mcgehee, John R	29-Mar-49	19930085880	NACA-RM-L9C03
Effects of spanwise thickness variation on the transonic aerodynamic characteristics of wings having 35 degrees of sweepback, aspect ratio 4, and taper ratio 0.60	Morrison, William D , Jr; Fournier, Paul G	18-Sep-51	19930086745	NACA-RM-L51F28
Study of compressor systems for a gas-generator engine	Sather, Bernard I; Tauschek, Max J	16-Oct-50	19930086259	NACA-RM-E50H08
On slender-body theory and the area rule at transonic speeds	Harder, Keith C; Klunker, E B	1-Nov-56	19930084626	NACA-TN-3815
Theoretical and experimental investigation of random gust loads Part II : theoretical formulation of atmospheric gust response problem	Richardson, A S , Jr	1-May-57	19930084703	NACA-TN-3879
Two-dimensional cascade investigation of the maximum exit tangential velocity component and other flow conditions at the exit of several turbine blade designs at supercritical pressure ratios	Hauser, Cavour H; Plohr, Henry W	23-Aug-51	19930086904	NACA-RM-E51F12
Some properties of wing and half-body arrangements at supersonic speeds	Migotsky, Eugene; Adams, Gaynor, J	22-Jul-57	19930089884	NACA-RM-A57E15
Maximum theoretical tangential velocity component possible from straight-back converging and converging-diverging stators at supercritical pressure ratios	Moffitt, Thomas P	1-Apr-58	19930085040	NACA-TN-4271

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Study of the momentum distribution of turbulent boundary layers in adverse pressure gradients	Sandborn, Virgil A; Slogar, Raymond J	1-Jan-55	19930084011	NACA-TN-3264
Determination of plate compressive strengths at elevated temperatures	Heimerl, George J; Roberts, William M	1-Feb-49	19930082482	NACA-TN-1806
The effects of various parameters, including mach number, on propeller-blade flutter with emphasis on stall flutter	Baker, John E	1-Jan-55	19930084181	NACA-TN-3357
Experimental performance of fluorine-oxygen with JP4 fuel in a rocket engine	Douglass, Howard W	7-Jul-55	19930088701	NACA-RM-E55D27
Effect of angle of attack and thickness on aerodynamic coefficients of a rigid wing oscillating at very low frequencies in two-dimensional supersonic flow	Malvestuto, Frank S , Jr; Goodwin, Julia M	1-Jan-58	19930084994	NACA-TN-4069
An analysis of accelerations, airspeeds, and gust velocities from three commercial operations of one type of medium-altitude transport airplane	Coleman, Thomas L; Copp, Martin R; Engel, Jerome N; Walker, Walter G	1-Mar-55	19930084539	NACA-TN-3365
Free-flight investigation of the stability characteristics of 1/6-scale rocket-propelled models of the Bell MX-776	Stevens, Joseph E; Parks, James H	20-Apr-54	19930088267	NACA-RM-SL54D24
Investigation of separation of the turbulent boundary layer	Schubauer, G B; Klebanoff, P S	1-Aug-50	19930082755	NACA-TN-2133
Forced-convection heat-transfer characteristics of molten sodium hydroxide	Grele, Milton D; Gedeon, Louis	17-Feb-53	19930087407	NACA-RM-E52L09
Stability of propane-air flames in vortex flow	Potter, A E , Jr; Wong, E L; Berlad, A L	1-Feb-58	19930085096	NACA-TN-4210
Resistance of a plate in parallel flow at low Reynolds numbers	Janour, Zbynek	1-Nov-51	19930093914	NACA-TM-1316
Water-pressure distribution during landings of a prismatic model having an angle of dead rise of 22 1/2 degrees and beam-loading coefficients of 0.48 and 0.97	Smiley, Robert F	1-Nov-52	19930083587	NACA-TN-2816
Visual study of free convection in a narrow vertical enclosure	Sparrow, Ephraim M; Kaufman, Samuel J	16-Feb-56	19930089006	NACA-RM-E55L14a
Investigation of the dynamic lateral stability and control characteristics of a model of a fighter airplane without a horizontal tail and equipped with either single or twin vertical tails	Draper, John W; Rose, Robert W	15-Nov-49	19930086067	NACA-RM-L9J07a
Investigation of a NACA high-speed optical torquemeter	Rebeske, John J , Jr	1-Jun-50	19930082819	NACA-TN-2118
Speed-brake investigation at low speed of a 1/10-scale model of the MX-1554A airplane with a circular jet nozzle	Solomon, Martin	7-Jan-54	19930088061	NACA-RM-SL53L24
Some effects of configuration variables on store loads at supersonic speeds	Smith, Norman F; Carlson, Harry W	6-Jul-55	19930088727	NACA-RM-L55E05
Theoretical and experimental investigation of condensation of air in hypersonic wind tunnels	Stever, Guyford H; Rathbun, Kenneth C	1-Nov-51	19930083265	NACA-TN-2559
Longitudinal stability and control of high-speed airplanes with particular reference to dive recovery	Axelson, John A	4-Sep-47	19930085664	NACA-RM-A7C24
The similarity law for hypersonic flow about slender three-dimensional shapes	Hamaker, Frank M; Neice, Stanford E; Eggers, A J , Jr	1-Aug-51	19930083274	NACA-TN-2443
Torsion and transverse bending of cantilever plates	Reissner, Eric; Stein, Manuel	1-Jun-51	19930090894	NACA-TN-2369
Principle and application of complementary energy method for thin homogeneous and sandwich plates and shells with finite deflections	Wang, Chi-Teh	1-Feb-52	19930083442	NACA-TN-2620

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An investigation of the aerodynamic characteristics of a rotating axial-flow blade grid	Weske, John R	1-Feb-47	19930081830	NACA-TN-1128
Reynolds number effect on axial-flow compressor performance	Wallner, Lewis E; Fleming, William A	15-Sep-49	19930085932	NACA-RM-E9G11
Force test results for body-mounted lateral controls and speed brakes on a 45 degree swept-wing model at Mach numbers from 0.80 to 0.98	West, F E , Jr; Critzos, Chris C	5-Dec-56	19930089490	NACA-RM-L56I05
Experimental investigation of the effect of rear-fuselage shape on ditching behavior	Mcbride, Ellis E; Fisher, Lloyd J	1-Apr-53	19930083664	NACA-TN-2929
Local instability of the elements of a truss-core sandwich plate	Anderson, Melvin S	1-Jul-58	19930085141	NACA-TN-4292
Investigation of a high-flow transonic-compressor inlet stage having a hub-tip radius of 0.35	Felix, A Richard	6-Mar-58	19930089843	NACA-RM-L58A08
Analysis of sweptback wings on Cal-Tech analog computer	Macneal, Richard H; Benscoter, Stanley U	1-Jan-54	19930083867	NACA-TN-3115
Drag minimization for wings in supersonic flow, with various constraints	Heaslet, Max A; Fuller, Franklyn B	1-Feb-58	19930085169	NACA-TN-4227
Flight measurements of the lateral response characteristics of the Convair XF-92A delta-wing airplane	Holleman, Euclid C	5-Aug-55	19930088805	NACA-RM-H55E26
A theoretical investigation of the effect on the lateral oscillations of an airplane of an automatic control sensitive to yawing accelerations	Beckhardt, Arnold R	1-Jan-50	19930082668	NACA-TN-2006
Large-scale wind-tunnel tests of an airplane model with a 45 degree sweptback wing of aspect ratio 2.8 with area suction applied to trailing-edge flaps and with several wing leading-edge modifications	Koenig, David G; Aoyagi, Kiyoshi	2-Nov-56	19930089462	NACA-RM-A56H08
Effect of exhaust pressure on knock-limited performance of an air-cooled aircraft-engine cylinder	Lord, Albert M; Heinicke, Orville H; Stricker, Edward G	1-Jun-48	19930082334	NACA-TN-1617
Experimental evidence of sustained coupled longitudinal and lateral oscillations from a rocket-propelled model of a 35 degree swept wing airplane configuration	Parks, James H	28-May-54	19930088234	NACA-RM-L54D15
Preliminary investigation of the flow in an annular-diffuser-tailpipe combination with an abrupt area expansion and suction, injection, and vortex-generator flow controls	Henry, John R; Wilbur, Stafford W	10-Feb-54	19930087987	NACA-RM-L53K30
Performance of Inconel 550 turbine blades in a turbojet engine and effects of different forging temperatures and heat treatments	Gyorgak, C A; Johnston, J R; Weeton, J W	16-Aug-55	19930088778	NACA-RM-E55F08
Development of magnesium-cerium forged alloys for elevated-temperature service	Grube, K; Kaiser, R; Eastwood, L W; Schwartz, C M; Cross, H C	1-Mar-51	19930083009	NACA-TN-2325
Wind-tunnel investigation of the damping in roll of the Bell X-1A research airplane and its components at supersonic speeds	Mcdearmon, Russell W; Clark, Frank L	10-Jan-56	19930088921	NACA-RM-L55I19
Wind-tunnel experiments concerning the dynamic behavior of a low-speed slowly spinning fin-stabilized rocket	Bird, John D; Lichtenstein, Jacob B	6-Jul-54	19930088259	NACA-RM-L54D22
Performance of pure fuels in a single J33 combustor III : five hydrocarbon gaseous fuels and one oxygenated hydrocarbon gaseous fuel	Smith, Arthur L; Wear, Jerrold D	29-Feb-56	19930089051	NACA-RM-E55K04a

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Study of hydrogen embrittlement of iron by internal-friction methods	Maringer, R E; Swetnam, E B; Marsh, L L; Manning, G K	1-Sep-58	19930085204	NACA-TN-4328
Ground effects on the longitudinal characteristics of two models with wings having low aspect ratio and pointed tips	Buell, Donald A; Tinling, Bruce E	1-Jul-57	19930084743	NACA-TN-4044
The aerodynamic characteristics of two series of lifting bodies at Mach number 6.86	Ridyard, Herbert W	24-May-54	19930088185	NACA-RM-L54C15
Supersonic wave drag of nonlifting delta wings with linearly varying thickness ratio	Henderson, Arthur, Jr	1-Dec-52	19930083608	NACA-TN-2858
Preliminary investigation of shield to improve angle-of-attack performance of nacelle-type inlet	Beheim, Milton A; Piercy, Thomas G	2-Oct-57	19930090313	NACA-RM-E57G25a
Investigation of conditions for spontaneous ignition and combustion efficiency of pentaborane in a small-scale combustor	Lord, Albert M; Morris, James F	30-Apr-57	19930088457	NACA-RM-E54K05
Summary of Methods for Calculating Dynamic Lateral Stability and Response and for Estimating Lateral Stability Derivatives	Campbell, John P; Mckinney, Marion O	1-Jul-51	19930090563	NACA-TN-2409
Aluminum borohydride - hydrocarbon mixtures as a source of ignition for a turbojet combustor	Foster, Hampton H; Fletcher, Edward A; Straight, David M	23-Feb-55	19930088405	NACA-RM-E54K12
Pressure distributions on three bodies of revolution to determine the effect of Reynolds number up to and including the transonic speed range	Swihart, John M; Whitcomb, Charles F	15-Oct-53	19930087753	NACA-RM-L53H04
Wind-Tunnel Investigation of the Interference Effects during Separation of a 1/40-Scale Model Convair B-58 Airplane and Store at Mach Numbers of 1.41, 1.61, and 2.01	Driver, Cornelius	28-Dec-56	19930090551	NACA-RM-SL56L14
Effects of additives on corrosion and mass transfer in sodium hydroxide - nickel systems under free-convection conditions	Forestieri, Americo F	2-Aug-54	19930088073	NACA-RM-E54E19
Full-scale performance study of a prototype crash-fire protection system for reciprocating-engine-powered airplanes	Black, Dugald O; Moser, Jacob C	15-Nov-55	19930088630	NACA-RM-E55B11
Application of a characteristic blade-to-blade solution to flow in a supersonic rotor with varying stream-filament thickness	Costilow, Eleanor L	1-Aug-53	19930083732	NACA-TN-2992
Some effects of roll rate on the longitudinal stability characteristics of a cruciform missile configuration as determined from flight test for a Mach number range of 1.1. to 1.8	Lundstrom, Reginald R; Baber, Hal T , Jr	19-Jun-56	19930089027	NACA-RM-L55L16
Measurements of the effects of wall outflow and porosity on wave attenuation in a transonic wind tunnel with perforated walls	Spiegel, Joseph M; Tunnell, Phillips J; Wilson, Warren S	1-Aug-58	19930085280	NACA-TN-4360
Survey of the chromium-cobalt-nickel phase diagram at 1200 C	Manly, W D; Beck, Paul A	1-Feb-52	19930083436	NACA-TN-2602
A preliminary investigation of aerodynamic characteristics of small inclined air outlets at transonic Mach numbers	Dewey, Paul E	28-Apr-53	19930087747	NACA-RM-L53C10

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A preliminary study by means of electrical frequency-analysis techniques of the response of an airplane structure during buffeting	Yeates, John E , Jr; Thompson, Jim Rogers	8-Dec-53	19930087741	NACA-RM-L53G31
Preliminary investigation at transonic speeds of the effect of balancing tabs on the hinge-moment and other aerodynamic characteristics of a full-span flap on a tapered 45 degree sweptback wing of aspect ratio 3	Lockwood, Vernard E; Fikes, Joseph E	8-Apr-52	19930086938	NACA-RM-L52A23
Spectrums and diffusion in a round turbulent jet	Corrsin, Stanley; Uberoi, Mahinder S	1-Jul-50	19930082912	NACA-TN-2124
A review of recent information on boundary-layer transition at supersonic speeds	Seiff, Alvin	5-Mar-56	19930089149	NACA-RM-A55L21
Altitude performance characteristics of the J73-GE-1A turbojet engine	Campbell, Carl E; Conrad, E William	9-Dec-54	19930087932	NACA-RM-E53I25
Experimental investigation of internal flow characteristics of forward underslung fuselage scoops with unswept entrances at Mach numbers of 1.41 to 1.96	Boswinkle, Robert W , Jr; Mitchell, Meade H , Jr	6-Mar-52	19930086944	NACA-RM-L52A24
A comparison of the experimental and theoretical loading over triangular wings in sideslip at supersonic speeds	Boyd, John W	18-May-51	19930086497	NACA-RM-A51C13
Vibration of loosely mounted turbine blades during service operation of a turbojet engine with centrifugal compressor and straight-flow combustion chambers	Morgan, W C; Kemp, R H; Manson, S S	3-Nov-49	19930085999	NACA-RM-E9I07
Span load distributions resulting from constant angle of attack, steady rolling velocity, steady pitching velocity, and constant vertical acceleration for tapered sweptback wings with streamwise tips subsonic leading edges and supersonic trailing edg	Hannah, Margery E; Margolis, Kenneth	1-Dec-52	19930083507	NACA-TN-2831
Investigation at Low Speeds of the Effect of Aspect Ratio and Sweep on Static and Yawing Stability Derivatives of Untapered Wings	Goodman, Alex; Brewer, Jack D	1-Aug-48	19930082295	NACA-TN-1669
Span loadings due to wing twist at transonic and supersonic speeds	Grant, Frederick C; Mugler, John P , Jr	12-Jul-57	19930089875	NACA-RM-L57D24a
Aerodynamic characteristics of a delta wing with leading edge swept back 45 degrees, aspect ratio 4, and NACA 65A006 airfoil section : transonic-bump method	Sleeman, William C , Jr; Becht, Robert E	6-Sep-49	19930085961	NACA-RM-L9G22a
Investigation at high subsonic speeds of the effects of various horizontal fuselage forebody fins on the directional and longitudinal stability of a complete model having a 45 degree sweptback wing	Sleeman, William C , Jr	16-Jan-57	19930089549	NACA-RM-L56J25
Summary of derived gust velocities obtained from measurements within thunderstorms	Tolefson, H B	1-Oct-55	19930084258	NACA-TN-3538
A preliminary theoretical study of aerodynamic instability of a two-blade helicopter rotor	Coleman, Robert P; Stempin, Carl W	18-Mar-47	19930085577	NACA-RM-L6H23
Comparison of airspeed calibrations evaluated by the accelerometer and radar methods	Lina, Lindsay J; Trant, James P , Jr	1-Jan-52	19930083309	NACA-TN-2570
Turbulent-heat-transfer measurements at a Mach number of 3.03	Brevoort, Maurice J; Rashis, Bernard	1-Sep-54	19930084043	NACA-TN-3303

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An evaluation of two cooling-air ejectors in flight at transonic speeds	Rolls, L Stewart; Havill, C Dewey	15-Mar-54	19930090525	NACA-RM-A54A05
Wing-body combinations with certain geometric restraints having low zero-lift wave drag at low supersonic Mach numbers	Lomax, Harvard	1-Feb-56	19930084925	NACA-TN-3667
Longitudinal stability characteristics of a 42 degree sweptback wing and tail combination at a Reynolds number of 6.8 x 10(exp 6)	Spooner, Stanley H; Martina, Albert P	22-Jul-48	19930085375	NACA-RM-L8E12
Correlation of crippling strength of plate structures with material properties	Anderson, Roger A; Anderson, Melvin S	1-Jan-56	19930084274	NACA-TN-3600
Interpretation of boundary-layer pressure-rake data in flow with a detached shock	Luidens, Roger W; Madden, Robert T	22-Dec-50	19930086455	NACA-RM-E50I29a
Investigation of the performance of a 20-inch ram jet using preheated fuel	Perchonok, Eugene; Wilcox, Fred A; Sterbentz, William H	28-Oct-46	19930085685	NACA-RM-E6I23
Investigation of the characteristics of a high-aspect-ratio wing in the Langley 8-foot high-speed tunnel	Whitcomb, Richard T	28-Aug-46	19930085591	NACA-RM-L6H28a
Ceramic coatings for prevention of carbon absorption in four heat-resistant alloys	Pitts, Joseph W; MOORE DWIGHT G	1-Dec-51	19930083323	NACA-TN-2572
Methods for measuring temperatures of thin-walled gas-turbine blades	Stepka, Francis S; Hickel, Robert O	2-Nov-56	19930089611	NACA-RM-E56G17
Transonic-wind-tunnel investigation of the effects of lip bluntness and shape on the drag and pressure recovery of a normal-shock nose inlet in a body of revolution	Olstad, Walter B	13-Jul-56	19930089357	NACA-RM-L56C28
Wind-tunnel investigation at Mach numbers from 0.50 to 1.29 of an unswept tapered wing of aspect ratio 2.67 with leading- and trailing-edge flaps - trailing-edge flaps deflected	Stivers, Louis S , Jr; Malick, Alexander W	13-Dec-50	19930086395	NACA-RM-A50J09b
Force and pressure characteristics for a series of nose inlets at Mach numbers from 1.59 to 1.99 I : conical spike all-external compression inlet with subsonic cowl lip	Esenwein, Fred T; Valerino, Alfred S	19-Jan-51	19930086381	NACA-RM-E50J26
Investigation of influence of chemical composition on forged modified low-carbon N-155 alloys in solution-treated and aged condition as related to rupture properties at 1200 F	Reynolds, E E; Freeman, J W; White, A E	1-Sep-51	19930083286	NACA-TN-2449
Analysis of variation of piston temperature with piston dimensions and undercrown cooling	Sanders, J C; Schramm, W B	2-Jun-48	19930085329	NACA-RM-E8A12
Effect of crystal orientation on fatigue-crack initiation in polycrystalline aluminum alloys	Weinberg, J G; Bennett, J A	1-Aug-57	19930084801	NACA-TN-3990
Measurements of the buffeting loads on the wing and horizontal tail of a 1/4-scale model of the X-1E airplane	Rainey, A Gerald; Igoe, William B	17-Sep-58	19930093826	NACA-RM-L58F25
Fundamental effects of aging on creep properties of solution-treated low-carbon N-155 alloy	Frey, D N; Freeman, J W; White, A E	1-Aug-49	19930082918	NACA-TN-1940
Performance characteristics of hemispherical target-type thrust reversers	Steffen, Fred W; Mcardle, Jack G; Coats, James W	27-Sep-55	19930088748	NACA-RM-E55E18

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Investigation of the propulsive characteristics of a helicopter-type pulse-jet engine over a range of Mach numbers and angle of yaw	Carpenter, Paul J; Shivers, James P; Lee, Edwin E , Jr	1-Jan-56	19930084369	NACA-TN-3625
Preparation of dipentaborylmethane by Friedel-Crafts reaction	Antoine, Albert C	1-Apr-58	19930089859	NACA-RM-E58A14a
Cloud-droplet ingestion in engine inlets with inlet velocity ratios of 1.0 and 0.7	Brun, Rinaldo J	1-Jan-56	19930084417	NACA-TN-3593
Theoretical investigation and application of transonic similarity law for two dimensional flow	Perl, William; Klein, Milton M	1-Oct-50	19930082840	NACA-TN-2191
Performance of a double-row radial aircraft engine with three methods of safety-fuel injection	Michel, Donald J; Hickel, Robert O; Voit, Charles H	1-Aug-47	19930082167	NACA-TN-1413
Free-flight measurements of the rolling effectiveness and drag of trailing-edge spoilers on a tapered sweptback wing at Mach numbers 0.6 and 1.4	Schult, Eugene, D; Fields, E M	18-Feb-54	19930088082	NACA-RM-L53L14a
Wind-tunnel investigation of the damping in roll of the Bell X-1E research airplane and its components at supersonic speeds	Mcdearmon, Russell W; Clark, Frank L	26-Apr-56	19930089155	NACA-RM-L56B15
The design of low-turbulence wind tunnels	Dryden, Hugh L; Abbott, Ira H	1-Nov-49	19930082407	NACA-TN-1755
Performance of a vaporizing annular turbojet combustor at simulated high altitudes	Norgren, Carl T	16-Sep-54	19930088373	NACA-RM-E54G21
Experiments on turbulent flow through channels having porous rough surfaces with or without air injection	Eckert, E R G; Diaguila, Anthony J; Donoughe, Patrick L	1-Feb-55	19930084153	NACA-TN-3339
Preparation of 50 percent boron-hydrocarbon slurries using combinations of glycerol sorbitan laurate with various thickeners	Goodman, Irving A; Fenn, Virginia O	25-Jul-55	19930090329	NACA-RM-E55E17
Lateral control characteristics of two structural similar flexible wings with 45 degrees sweep: a sweptback wing and a wing with M plan form	Naeseth, Rodger L; Croom, Delwin R; Mckee, John W	26-Apr-54	19930088201	NACA-RM-L54C19
Performance of pure fuels in a single J33 combustor I : five liquid hydrocarbon fuels	Wear, Jerrold D; Dittrich, Ralph T	21-Nov-52	19930087350	NACA-RM-E52J03
Flight determination of the longitudinal stability of a 1/10-scale rocket-powered model of the Northrop MX-775A missile at low lift coefficients and Mach numbers from 0.89 to 1.34	Gillespie, Warren, Jr; Arbic, Richard G	17-Sep-52	19930087322	NACA-RM-SL52I12
Velocity distribution on symmetrical airfoils in closed tunnels by conformal mapping	Perl, W; Moses, H E	1-Jun-48	19930082259	NACA-TN-1642
Extended operation of turbojet engine with pentaborane	Useller, James W; Jones, William L	22-May-57	19930093762	NACA-RM-E55L29
The buckling of a column on equally spaced deflectional and rotational springs	Budiansky, Bernard; Seide, Paul; Weinberger, Robert A	1-Mar-48	19930082203	NACA-TN-1519
Investigation at high subsonic speeds of the pressure distributions on a 45 degree sweptback horizontal tail mounted at 50-percent and 100-percent vertical-tail span	Wiley, Harleth G; Moseley, William C , Jr	24-Nov-54	19930088470	NACA-RM-L54I08
Vibratory stresses in propellers operating in the flow field of a wing-nacelle-fuselage combination	Rogallo, Vernon L; Roberts, John C; Oldaker, Merritt R	1-Mar-51	19930082985	NACA-TN-2308

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Effects of wing-tip droop on the longitudinal characteristics of two highly swept wing-body combinations at Mach numbers from 0.6 to 1.4	Knechtel, Earl D; Lee, George	30-Aug-57	19930089900	NACA-RM-A57F06b
Stress rupture of heat resisting alloys as a rate process	Machlin, E S; Nowick, A S	1-Sep-46	19930081820	NACA-TN-1126
A flight investigation of area-suction and blowing boundary-layer control on the trailing-edge flaps of a 35 degree swept-wing-carrier-type airplane	Quigley, Hervey C; Hom, Francis W K; Innis, Robert C	22-Apr-57	19930089601	NACA-RM-A57B14
Maneuver accelerations experienced by five types of commercial transport airplanes during routine operations	Coleman, Thomas L; Copp, Martin R	1-Apr-54	19930083815	NACA-TN-3086
Transverse oscillations in a cylindrical combustion chamber	Moore, Franklin K; Maslen, Stephen H	1-Oct-54	19930083862	NACA-TN-3152
Experimental aerodynamic forces and moments at low speed of a missile model during simulated launching from the midsemispan location of a 45 degree sweptback wing-fuselage combination	Alford, William J; Silvers, H Norman; King, Thomas, J , jr	4-Feb-55	19930088400	NACA-RM-L54K11a
Calculated performance of a mercury-compressor-jet powered airplane using a nuclear reactor as an energy source	Doyle, R B	26-Sep-51	19930086702	NACA-RM-E51F14
Preliminary flight investigation of the dynamic longitudinal-stability characteristics of a 35 degree swept-wing airplane	Triplett, William C; Van Dyke, Rudolph D , Jr	11-Dec-50	19930086390	NACA-RM-A50J09a
Aerodynamic characteristics of a spoiler-slot-deflector control on a 45 degree sweptback wing at Mach numbers of 1.61 and 2.01	Lord, Douglas R; Moring, Robert	17-Jul-57	19930089708	NACA-RM-L57E16a
Wind-tunnel investigation at low speed of a wing swept back 63 degrees and twisted and cambered for uniform load at a lift coefficient of 0.5 and with a thickened tip section	Weiberg, James A; Carel, Hubert C	21-Nov-50	19930086441	NACA-RM-A50I14
Simplified method for calculation of compressible laminar boundary with arbitrary free-stream pressure gradient	Low, George M	1-Oct-51	19930083346	NACA-TN-2531
Method of characteristics for three-dimensional axially symmetrical supersonic flows.	Sauer, R	1-Jan-47	19930090915	NACA-TM-1133
External-stream effects on gross thrust and pumping characteristics of ejectors operating at off-design Mach numbers	Valerino, Alfred S; Yeager, Richard A	26-Jun-56	19930089115	NACA-RM-E56C14
Hydrodynamic force characteristics of a streamline fuselage modified by either breaker strips or rows of air jets simulating chines	Weinflash, Bernard; Shuford, Charles L , Jr; Christopher, Kenneth W	21-Feb-50	19930086315	NACA-RM-L9L21a
Compilation of information on the transonic attachment of flows at the leading edges of airfoils	Lindsey, Walter F; Landrum, Emma Jean	1-Feb-58	19930085067	NACA-TN-4204
Exploratory performance investigation of co-burner-type combustors	Metzler, Allen J; Butze, Helmut F	14-Aug-58	19930090146	NACA-RM-E58E20a
Investigation of a 10-stage subsonic axial-flow research compressor II : preliminary analysis of overall performance	Budinger, Ray E; Thomson, Arthur R	16-May-52	19930087017	NACA-RM-E52C04
Subsonic two-dimensional-flow conditions near an airfoil determined by static pressures measured at the tunnel wall	Daley, Bernard N; Hanna, Lillian E	1-Apr-49	19930082550	NACA-TN-1873

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Approximate effect of leading-edge thickness, incidence angle, and inlet mach number on inlet losses for high-solidity cascades of low cambered blades	Wright, Linwood C	1-Dec-54	19930084107	NACA-TN-3327
Investigation of intake ducts for a high-speed subsonic jet-propelled airplane	Cohen, Herbert N	23-Apr-47	19930085673	NACA-RM-L7C24a
Analysis of turbulent flow and heat transfer on a flat plate at high Mach numbers with variable fluid properties	Deissler, R G; Loeffler, A L , Jr	1-Apr-58	19930085271	NACA-TN-4262
A pressure-distribution investigation of the aerodynamic characteristics of a body of revolution in the vicinity of a reflection plane at Mach numbers of 1.41 and 2.01	Gapcynski, John P; Carlson, Harry W	20-Jan-55	19930088435	NACA-RM-L54J29
General considerations of Mach number effects on compressor-blade design	Klapproth, John F	7-Apr-54	19930088039	NACA-RM-E53L23a
A preliminary investigation of wall effects on pressure-inflammability limits of propane-air mixtures	Belles, Frank E	18-Dec-50	19930086573	NACA-RM-E50J10a
Calculation of compressible flows past aerodynamic shapes by use of the streamline curvature	Perl, W	1-Jun-47	19930082132	NACA-TN-1328
Investigation of the aerodynamic characteristics in pitch and sideslip of a 45 degree sweptback-wing airplane model with various vertical locations of the wing and horizontal tail : effect of wing location and geometric dihedral for the wing-body com	Spearman, M Leroy	6-Apr-55	19930088654	NACA-RM-L55B18
Turbulent-heat-transfer measurements at a Mach number of 2.06	Brevoort, Maurice J; Rashis, Bernard	1-Mar-55	19930084642	NACA-TN-3374
Drag Measurements at Zero Lift on a 1/10-Scale Model of the MX-1626 Supersonic Bomber at Transonic Speeds	Swihart, John M; O'Neal, Robert L	22-Apr-53	19930087515	NACA-RM-SL53D27a
Meteorological conditions associated with flight measurements of atmospheric turbulence	Helfand, B B	1-Jun-47	19930081880	NACA-TN-1273
Achievement of continuous wall curvature in design of two-dimensional symmetrical supersonic nozzles	Evvard, J C; Marcus, Lawrence R	1-Jan-52	19930083386	NACA-TN-2616
Some effects of a sonic jet exhaust on the loading over a yawed fin at a Mach number of 3.03	Hatch, John E , Jr; Savelle, William M	27-Jan-53	19930087452	NACA-RM-L52L02a
The effects upon body drag of jets exhausting from wing-mounted nacelles	Rainey, Robert W	20-Apr-56	19930089298	NACA-RM-L56A09
Approximate method for predicting form and location of detached shock waves ahead of plane or axially symmetric bodies	Moeckel, W E	1-Jul-49	19930082597	NACA-TN-1921
Longitudinal-control effectiveness and downwash characteristics at a Mach number of 1.24 of a 1/30-scale semispan model of the Bell X-5 airplane as determined by the NACA wing-flow method	Sawyer, Richard H; Kennedy, Robert M; Morris, Garland J	8-Jan-51	19930086544	NACA-RM-L50K15
Differential equations of motion for combined flapwise bending, chordwise bending, and torsion of twisted nonuniform rotor blades	Houbolt, John C; Brooks, George W	1-Feb-57	19930084792	NACA-TN-3905
Spin-tunnel investigation to determine the effectiveness of a rocket for spin recovery	Neihouse, Anshal I	1-Apr-49	19930082541	NACA-TN-1866

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Design procedure and limited test results for a high solidity, 12-inch transonic impeller with axial discharge	Wright, Linwood C; Kovach, Karl	9-Apr-53	19930087530	NACA-RM-E53B09
Low-speed characteristics of four cambered, 10-percent-thick NACA airfoil sections	Mccullough, George B; Haire, William M	1-Aug-50	19930082788	NACA-TN-2177
Longitudinal aerodynamic characteristics at transonic speeds of a complete model with an unswept wing and a sweptback horizontal tail at two vertical locations	Hieser, Gerald; Kudlacik, Louis	1-Sep-55	19930088858	NACA-RM-L55F30
Longitudinal stability, control effectiveness, and drag characteristics at transonic speeds of a rocket-propelled model of an airplane configuration having an unswept tapered wing of aspect ratio 3.0 and NACA 65A004.5 airfoil sections	Mcfall, John C , Jr; Hollinger, James A	20-Jan-53	19930087467	NACA-RM-L52L04
A method for estimating heat requirements for ice prevention on gas-heated hollow propeller blades	Gray, V H; Campbell, R G	1-Dec-47	19930082154	NACA-TN-1494
Analytical study of blockage- and lift-interference corrections for slotted tunnels obtained by the substitution of an equivalent homogeneous boundary for the discrete slots	Davis, Don D , Jr; Moore, Dewey	29-Jun-54	19930093719	NACA-RM-L53E07b
An investigation of the drag characteristics of speed brakes for Mach numbers from 0.20 to 1.30	Vick, Allen R	13-Jan-58	19930090297	NACA-RM-L57J23a
The aerodynamic design of high Mach number nozzles utilizing axisymmetric flow with application to a nozzle of square test section	Beckwith, Ivan E; Ridyard, Herbert W; Cromer, Nancy	1-Jun-52	19930083295	NACA-TN-2711
Aerodynamic characteristics of two delta wings at Mach number 4.04 and correlations of lift and minimum-drag data for delta wings at Mach numbers from 1.62 to 6.9	Ulmann, Edward F; Dunning, Robert W	23-Dec-52	19930087482	NACA-RM-L52K19
Wind-tunnel tests of the static longitudinal characteristics at low speed of a swept-wing airplane with blowing flaps and leading-edge slats	James, Harry A; Maki, Ralph L	5-Jul-57	19930089713	NACA-RM-A57D11
Velocity and friction characteristics of laminar viscous boundary-layer and channel flow over surfaces with ejection or suction	Eckert, E R G; Donoughe, Patrick L; Moore, Betty JO	1-Dec-57	19930084837	NACA-TN-4102
Experimental investigation of the effects of plastic flow in a tension panel with a circular hole	Griffith, George E	1-Sep-48	19930082394	NACA-TN-1705
Creep deformation patterns of joints under bearing and tensile loads	Bodine, E G; Carlson, R L; Manning, G K	1-Dec-57	19930084962	NACA-TN-4138
The transonic characteristics of 17 rectangular, symmetrical wing models of varying aspect ratio and thickness	Nelson, Warren H; Mcdevitt, John B	10-May-51	19930086595	NACA-RM-A51A12
Correlation of creep-buckling tests with theory	Patel, Sharad A; Kempner, Joseph; Erickson, Burton; Mobassery, Abol H	23-May-56	19930089142	NACA-RM-56C20
On subsonic compressible flows by a method of correspondence II : application of methods to studies of flow with circulation about a circular cylinder	GELBART ABE; Bartnoff, Shepard	1-Apr-47	19930081926	NACA-TN-1171

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Estimation of low-speed lift and hinge-moment parameters for full-span trailing-edge flaps on lifting surfaces with and without sweepback	Dods, Jules B , Jr	1-Feb-51	19930082944	NACA-TN-2288
Time-dependent downwash at the tail and the pitching moment due to normal acceleration at supersonic speeds	Ribner, Herbert S	1-Feb-50	19930082698	NACA-TN-2042
A simulation study of a wingless missile	Lessing, Henry C; Reese, David E , Jr	8-Feb-56	19930089059	NACA-RM-A55L06
Effects of external store mounting on the buffet, trim, and drag characteristics of rocket-powered fuselage and store combinations between Mach numbers of 0.7 and 1.4	Mason, Homer P	10-Dec-53	19930087971	NACA-RM-L53J22
Investigation of the effect of velocity diagram on inlet total-pressure distortions through single-stage subsonic axial-flow compressors	Ashby, George C , Jr	17-Apr-57	19930089723	NACA-RM-L57A03
The vertical-tail loads measured during a flight investigation on a jet-powered bomber airplane	Cooney, T V	1-May-52	19930087215	NACA-RM-L52G21
Experimental investigation of air-cooled turbine blades in turbojet engine IV : effects of special modifications on blade temperature	Ellerbrock, Herman H , Jr; Zalabak, Charles F; Smith, Gordon T	13-Apr-51	19930086659	NACA-RM-E51A19
Static stability and control of canard configurations at Mach numbers from 0.70 to 2.22longitudinal characteristics of a triangular wing and unswept canard	Peterson, Victor L; Menees, Gene P	17-Feb-58	19930089924	NACA-RM-A57K26
Experimental investigation of a high subsonic Mach number turbine having a 40-blade rotor with zero suction-surface diffusion	Nusbaum, William J; Wasserbauer, Charles A; Hauser, Cavour H	16-Jan-58	19930089913	NACA-RM-E57J22
Experimental investigation of the jet-boundary constriction correction for a model spanning a closed circular tunnel	Tucker, M; Rousso, M D	1-Jun-48	19930082310	NACA-TN-1638
A study of the use of Freon-12 as a wind-tunnel testing medium at low supersonic Mach numbers	Schwartzberg, Milton A	19-Nov-52	19930087383	NACA-RM-L52J07
Preliminary investigation of cooling-air ejector performance at pressure ratios from 1 to 10	Ellis, C W; Hollister, D P; Sargent, A F , Jr	17-Oct-51	19930086851	NACA-RM-E51H21
Investigation of aerodynamic characteristics of an airplane configuration having tail surfaces outboard of the wing tips at Mach numbers of 2.30, 2.97, and 3.51	Church, James D; Hayes, William C , Jr; Sleeman, William C , R	23-Jun-58	19930090093	NACA-RM-L58C25
Feasibility of nose-cone cooling by the upstream ejection of solid coolants at the stagnation point	Kinard, William H	24-Mar-58	19930089967	NACA-RM-L57K22
An investigation of the spin and recovery characteristics of a 1/25-scale model of the Douglas D-558-II airplane	Gale, Lawrence J; Scher, Stanley H	18-Jan-49	19930085614	NACA-RM-L8K19a
Theory of flame propagation	Zeldovich, Y B	1-Jun-51	19930093958	NACA-TM-1282
Investigation of fixed-geometry supersonic inlets with bypass ducts for matching turbojet-engine air-flow requirements over a range of transonic and supersonic speeds	Leiss, Abraham; Kouyoumjian, Walter L	3-Feb-58	19930089997	NACA-RM-L57K14

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A nonlinear theory for predicting the effects of unsteady laminar, turbulent, or transitional boundary layers on the attenuation of shock waves in a shock tube with experimental comparison	Trimpi, Robert L; Cohen, Nathaniel B	1-Sep-58	19930085156	NACA-TN-4347
Flight investigation of a small side-located control stick used with electronic control systems in a fighter airplane	Sjoberg, S A; Russell, Walter R; Alford, William L	11-Mar-57	19930089661	NACA-RM-L56L28a
Effect of spanwise variations in gust intensity on the lift due to atmospheric turbulence	Diederich, Franklin W; Drischler, Joseph A	1-Apr-57	19930084862	NACA-TN-3920
Exploratory materials and missile-nose-shape tests in a 4,000 F supersonic air jet	Purser, Paul E; Hoppho, Russell N	13-Dec-56	19930089474	NACA-RM-L56J09
Flight measurements of wing loads on the Convair XF-92A delta-wing airplane	Kuhl, Albert E; Johnson, Clinton T	25-May-55	19930088645	NACA-RM-H55D12
Tension properties of aluminum alloys in the presence of stress-raisers II : comparison of notch strength properties of 24S-T, 75S-T, and 24S-T86 aluminum alloys	Aul, E L; Dana, A W; Sachs, G	1-Mar-49	19930082516	NACA-TN-1831
Design method for two-dimensional channels for compressible flow with application to high-solidity cascades	Alpert, Sumner	1-Aug-49	19930082608	NACA-TN-1931
Investigation of performance of several double-shroud ejectors and effect of variable-area exhaust nozzle on single ejector performance	Ellis, C W; Hollister, D P; Wilsted, H D	15-Jul-52	19930086983	NACA-RM-E52D25
Influence of end plates on lift and flow field of a canard-type control surface at a Mach number of 2.00	Wise, George A	23-Mar-53	19930087437	NACA-RM-E53A02
Wind-tunnel investigation of the low-speed stability and performance characteristics of a jet-powered low-aspect-ratio vertical-take-off-and-landing configuration with engines buried in tiltable wings	Scallion, William I; Cone, Clarence D , Jr	6-Aug-58	19930090180	NACA-RM-L58F02
Lightning hazards to aircraft fuel tanks	Robb, J D; Hill, E L; Newman, M M; Stahmann, J R	1-Sep-58	19930085198	NACA-TN-4326
Lift and moment coefficients for an oscillating rectangular wing-aileron configuration in supersonic flow	Berman, Julian H	1-Jul-56	19930084404	NACA-TN-3644
Analysis of measured pressures on airfoils at Mach numbers near 1	Habel, Louis W; Miller, Mason F	19-Sep-49	19930085947	NACA-RM-L9G19
Effect of prestraining of recrystallization temperature and mechanical properties of commercial, sintered, wrought molybdenum	Dike, Kenneth C; Long, Roger A	1-Jul-53	19930083641	NACA-TN-2973
A nonlinear theory of bending and buckling of thin elastic shallow spherical shells	Kaplan, A; Fung, Y C	1-Aug-54	19930084069	NACA-TN-3212
Some effects of blade trailing-edge thickness on performance of a single-stage axial-flow compressor	Moses, J J; Serovy, G K	26-Oct-51	19930086736	NACA-RM-E51F28
The effects of centrally mounted wing-tip tanks on the subsonic aerodynamic characteristics of a wing of aspect ratio 10 with 35 degrees of sweepback	Tinling, Bruce E; Kolk, W Richard	21-Feb-51	19930086535	NACA-RM-A50K15
Experimental studies of flutter of buckled rectangular panels at Mach numbers from 1.2 to 3.0 including effects of pressure differential and of panel width-length ratio	Sylvester, Maurice A	21-Dec-55	19930088954	NACA-RM-L55I30

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Investigation of impulse-type supersonic compressor with hub-tip ratio of 0.6 and turning to axial direction II : stage performance with three different sets of stators	Wilcox, Ward W	16-Aug-55	19930088890	NACA-RM-E55F28
Effect of variation in diameter and pitch of rivets on compressive strength of panels with Z section stiffeners : panels of various lengths with close stiffener spacing	Dow, Norris F; Hickman, William A	1-Sep-47	19930082117	NACA-TN-1421
Theoretical supersonic wave drag of untapered sweptback and rectangular wings at zero lift	Harmon, Sidney M	1-Oct-47	19930082081	NACA-TN-1449
Lateral stability characteristics at low lift between Mach numbers of 0.85 and 1.15 of a rocket-propelled model of a supersonic airplane configuration having a tapered wing with circular-arc sections and 40 degrees sweepback	D'Aiutolo, Charles T; Henning, Allen B	28-Apr-55	19930088583	NACA-RM-L55A31
On motion of fluid in boundary layer near line of intersection of two planes	Loitsianskii, L G; Bolshakov, V P	1-Nov-51	19930093922	NACA-TM-1308
Low-speed static longitudinal stability and control characteristics of 60 degree triangular-wing and modified 60 degree triangular-wing models having half-delta and half-diamond tip controls.	Lichtenstein, Jacob H; Jaquet, Byron, M	7-Feb-52	19930087171	NACA-RM-L51K08
Investigation of the effects of leading-edge chord-extensions and fences in combination with leading-edge flaps on the aerodynamic characteristics at Mach numbers from 0.40 to 0.93 of a 45 degree sweptback wing of aspect ratio 4	Spreemann, Kenneth P; Alford, William J , Jr	1-Apr-57	19930084566	NACA-TN-3845
Effect of various parameters including Mach number on the single-degree-of-freedom flutter of a control surface in potential flow	Runyan, Harry, L	1-Dec-51	19930083249	NACA-TN-2551
Shearing effectiveness of integral stiffening	Crawford, Robert F; Libove, Charles	1-Jun-55	19930084344	NACA-TN-3443
Concerning the flow on ring-shaped cowlings XIII : the influence of a projecting hub	Kuchemann, Dietrich	1-Oct-53	19930093869	NACA-TM-1361
Intergranular corrosion of high-purity aluminum in hydrochloric acid II : grain-boundary segregation of impurity atoms	Metzger, M; Intrater, J	1-Apr-55	19930083938	NACA-TN-3282
Stress and strain at onset of crazing of polymethyl methacrylate at various temperatures	Sherman, M A; Axilrod, B M	1-Sep-52	19930083575	NACA-TN-2778
Pressure distributions on the blade sections of the NACA 10-(5)(066)-03 propeller under operating conditions	Evans, Albert J; Luchuk, Wallace	18-Apr-50	19930086119	NACA-RM-L50B21
Aerodynamics of bodies, wings, and wing-body combinations at high angles of attack and supersonic speeds	Nielsen, Jack N; Spahr, J Richard; Centolanzi, Frank	13-Feb-56	19930088990	NACA-RM-A55L13c
Summary of the availability and performance problems of high octane number fuels		15-Apr-49	19930085884	NACA-RM-9D13
Experimental investigation of free-convection heat transfer in vertical tube at large Grashof numbers / E. R. G. Eckert, A. J. Diaguila	Eckert, E R G; Diaguila, A J	29-Aug-52	19930087224	NACA-RM-E52F30

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Experimental investigation at high subsonic speeds of the rolling stability derivatives of a complete model with an aspect-ratio-2.52 wing having an unswept 72-percent-chord line and a high horizontal tail	Sleeman, William C; Wiggins, James W	26-May-55	19930088518	NACA-RM-L54I20
Buckling stresses of clamped rectangular flat plates in shear	Budiansky, Bernard; Connor, Robert W	1-May-48	19930082363	NACA-TN-1559
Investigation of far noise field of jets II : comparison of air jets and jet engines	Coles, Willard, D; Callaghan, Edmund E	1-Jan-56	19930084410	NACA-TN-3591
Effect of the proximity of the wing first-bending frequency and the short-period frequency on the airplane dynamic-response factor	Huss, Carl R; Donegan, James J	1-Jun-58	19930085230	NACA-TN-4250
Analysis of wind-tunnel tests to a Mach number of 0.90 of a four-engine propeller-driven airplane configuration having a wing with 40 degrees of sweepback and an aspect ratio of 10	Edwards, George G; Buell, Donald A; Demele, Fred A; Sutton, Fred B	1-Sep-56	19930084498	NACA-TN-3790
Division of load among the wing, fuselage, and tail of aircraft	Mayer, John P; Gillis, Clarence L	29-May-51	19930086749	NACA-RM-L51E14a
Theoretical effect of inlet hub-tip-radius ratio and design specific mass flow on design performance of axial-flow compressors	Wu, Chung-Hua; Sinnette, John T; Forrette, Robert E	1-Apr-50	19930082739	NACA-TN-2068
Combustion of smoke in diffusion and bunsen flames	Clark, Thomas P	13-Aug-51	19930086759	NACA-RM-E51E15
Accuracy of approximate methods for predicting pressures on pointed nonlifting bodies of revolution in supersonic flow	Ehret, Dorris M	1-Aug-52	19930083543	NACA-TN-2764
Investigation of axial-flow fan and compressor rotors designed for three-dimensional flow	Kahane, A	2-May-47	19930093792	NACA-RM-L7D02a
Effect of slipstream rotation in producing asymmetric forces on a fuselage	Maclachlan, Robert; Ribner, Herbert	1-Mar-47	19930081933	NACA-TN-1210
Some notes on the effects of jet-exit design on static longitudinal stability	Weil, Joseph	1-May-46	19930092524	NACA-WR-L-589, NACA-MR-L6D30a
A study of the aerodynamic loads on sweptback wings at transonic speeds	Williams, Claude V; Kuhn, Richard E	25-Jun-53	19930087673	NACA-RM-L53E08b
Comparison of shock-absorber installations on the panto-base Chase C-123 airplane in rough-water landings	Thompson, William C; Fisher, Lloyd J	27-Jul-54	19930088337	NACA-RM-SI54G30
Theoretical performance of liquid hydrogen and liquid fluorine as a rocket propellant for a chamber pressure of 600 pounds per square inch absolute	Fortini, Anthony; Huff, Vearl N	25-Jan-57	19930089634	NACA-RM-E56L10a
A semiempirical procedure for estimating wing buffet loads in the transonic region	Skopinski, T H; Huston, Wilber B	14-Sep-56	19930089401	NACA-RM-L56E01
Full-scale wind-tunnel tests of a 35 degree sweptback-wing airplane with blowing from the shroud ahead of the trailing-edge flaps	Tolhurst, William H , Jr	1-Jul-58	19930085080	NACA-TN-4283
An accurate and rapid method for the design of supersonic nozzles	Beckwith, Ivan E; Moore, John A	1-Feb-55	19930084092	NACA-TN-3322
Investigations of free turbulent mixing	Liepmann, Hans Wolfgang; Laufer, John	1-Aug-47	19930081851	NACA-TN-1257
Effect of high-lift devices on the low-speed static lateral and yawing stability characteristics of an untapered 45 degrees sweptback wing	Lichtenstein, Jacob H	1-May-52	19930083215	NACA-TN-2689
Loads implications of gust-alleviation systems	Phillips, William H	1-Jun-57	19930084889	NACA-TN-4056
Flight determination of the lateral handling qualities of the Bell X-5 research airplane at 58.7 degrees sweepback	Finch, Thomas W; Walker, Joseph A	31-May-56	19930090227	NACA-RM-H56C29

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An analysis of the transonic and supersonic performance of several fixed-geometry air inlets	Pendly, Robert E; Howell, Robert R	8-Mar-55	19930088549	NACA-RM-L54L29
Wind-tunnel investigation of the stability of jettisoned nose sections of the D-558 airplane : phases I and II	Scher, Stanley H	14-Jan-48	19930085778	NACA-RM-L7K10
Two-dimensional wind-tunnel investigation of a 6-percent-thick symmetrical circular-arc airfoil section with leading-edge and trailing-edge high-lift devices deflected in combination	Nuber, Robert J; Cheesman, Gail A	6-Sep-49	19930085953	NACA-RM-L9G20
Investigation of distribution of losses in a conservatively designed turbine	Whitney, Rose L; Heller, Jack A; Hauser, Cavour H	16-Mar-53	19930089100	NACA-RM-E53A16
Observations of unsteady flow phenomena for an inclined body fitted with stabilizing fins	Mead, Merrill H	17-Jan-52	19930086809	NACA-RM-A51K05
The wave drag of arbitrary configurations in linearized flow as determined by areas and forces in oblique planes	Lomax, Harvard	24-Mar-55	19930088676	NACA-RM-A55A18
Effects of propeller-shank geometry and propeller-spinner-juncture configuration on characteristics of an NACA 1-series cowling-spinner combination with an eight-blade dual-rotation propeller	Keith, Arvid L , Jr; Bingham, Gene J; Rubin, Arnold J	25-Sep-51	19930087061	NACA-RM-L51F26
Performance of a 28-inch ramjet utilizing gaseous hydrogen at a Mach number of 3.6, angles of attack up to 12 degree, and pressure altitudes up to 110,000 feet	Musial, Norman T; Ward, James J; Wasserbauer, Joseph F	19-May-58	19930090039	NACA-RM-E58A23
An investigation of bending-moment distribution on a model helicopter rotor blade and a comparison with theory	Meyer, John R , Jr	1-Feb-52	19930083463	NACA-TN-2626
A metallurgical investigation of two turbosupercharger discs of 19-9DL alloy	Reynolds, E E; Freeman, J W; White, A E	1-Nov-48	19930082215	NACA-TN-1535
Investigation of the use of a rubber analog in the study of stress distribution in riveted and cemented joints	Demarkles, Louis R	1-Nov-55	19930084165	NACA-TN-3413
Properties of 19-9DL alloy bar stock at 1200 F	Freeman, J W; Reynolds, E E; Frey, D N	1-Nov-48	19930082419	NACA-TN-1758
An investigation of a supersonic aircraft configuration having a tapered wing with circular-arc sections and 40 degree sweepback : static lateral stability characteristics at Mach numbers of 1.40 and 1.59	Spearman, M Leroy	14-Jun-50	19930086263	NACA-RM-L50C17
A summary of information on support interference at transonic and supersonic speeds	Love, Eugene S	12-Jan-54	19930088012	NACA-RM-L53K12
A theoretical investigation of the aerodynamics of wing-tail combinations performing time-dependent motions at supersonic speeds	Martin, John C; Diederich, Margaret S; Bobbitt, Percy J	1-May-54	19930083721	NACA-TN-3072
The effect of forward-flight speed on the propulsive characteristics of a pulse-jet engine mounted on a helicopter rotor	Powell, Robert D , Jr	1-Jan-57	19930084630	NACA-TN-3855
Investigation of the downwash and wake behind a triangular wing of aspect ratio 4 at subsonic and supersonic Mach numbers	Walker, Harold J; Stivers, Louis S , Jr	12-Dec-50	19930086446	NACA-RM-A50I14a

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Correlation of wind-tunnel and flight determinations of the buffet speed of an airplane equipped with external stores	Silvers, H Norman; Spreemann, Kenneth P	2-Mar-48	19930086038	NACA-RM-L7E20
Flight investigation on a fighter-type airplane of factors which affect the loads and load distributions on the vertical tail surfaces during rudder kicks and fishtails	Boshar, John	1-Aug-47	19930082037	NACA-TN-1394
Investigation of an underslung half-cone inlet with compression surface mounted outboard from fuselage at Mach numbers of 1.5, 1.8, and 2.0	Yeager, Richard A; Gertsma, Laurence W	12-May-58	19930090049	NACA-RM-E58A27b
A low-density wind-tunnel study of shock-wave structure and relaxation phenomena in gases	Sherman, F S	1-Jul-55	19930084209	NACA-TN-3298
Two axial-symmetry solutions for incompressible flow through a centrifugal compressor with and without inducer vanes	Ellis, Gaylord O; Stanitz, John D; Sheldrake, Leonard J	1-Sep-51	19930083186	NACA-TN-2464
A design and performance study of the nuclear direct-air-cycle supersonic airplane, including the effects of operating temperatures and fuel plate material and thickness	Manson, S V; Wachtl, William W	26-Jun-53	19930087778	NACA-RM-E53C18
Investigation of effects of grain size upon engine life of cast AMS 5385 gas turbine blades	Hoffman, C A; Gyorgak, C A	6-Jul-53	19930087798	NACA-RM-E53D06
Experimental sea-level static investigation of a short afterburner	Harp, James L; Shillito, Thomas B; Mallett, William E	11-May-54	19930088135	NACA-RM-E54B18
Low-speed, large-scale investigation of aerodynamic characteristics of a semispan 49 degree sweptback wing with a Fowler flap in combination with a plain flap, slats, and fences	Whittle, Edward F , Jr; Lipson, Stanley	5-Jun-53	19930087818	NACA-RM-L53D09
Use of effective momentum thickness in describing turbine rotor-blade losses	Stewart, Warner L; Whitney, Warren J; Miser, James W	14-May-56	19930089183	NACA-RM-E56B29
Some effects of tail height and wing plan form on the static longitudinal stability characteristics of a small-scale model at high subsonic speeds	Few, Albert G , Jr; King, Thomas J , Jr	1-May-57	19930084687	NACA-TN-3957
Some considerations concerning inlets and ducted bodies at Mach numbers from 0.8 to 2.0	Sears, Richard I	24-Nov-53	19930087938	NACA-RM-L53I25b
Effects of independent variations of mach number and reynolds number on the maximum lift coefficients of four NACA 6-series airfoil sections	Racisz, Stanley F	1-Nov-52	19930083473	NACA-TN-2824
Aerodynamic characteristics at transonic and supersonic speeds of a rocket-propelled airplane configuration having a 52.5 degree delta wing and a low, swept horizontal tail	Kehlet, Alan B	29-Mar-54	19930088155	NACA-RM-L54A20
Further experimental studies of area suction for the control of the laminar boundary layer on a porous bronze NACA 64A010 airfoil	Braslow, Albert L; Visconti, Fioravante	1-May-50	19930087866	NACA-TN-2112
Investigation of fretting corrosion by microscopic observation	Godfrey, Douglas	1-Feb-50	19930083206	NACA-TN-2039
Investigation of wing characteristics at a Mach number of 1.53 II : swept wings of taper ratio 0.5	Vincenti, Walter G; Van Dyke, Milton D; Matteson, Frederick H	28-Jun-48	19930085472	NACA-RM-A8E05

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Corrosion tests of a heated wing utilizing an exhaust-gas-air mixture for ice prevention	Holdaway, George H	1-Jan-49	19930082466	NACA-TN-1791
Application of transonic similarity	Busemann, Adolf	1-Apr-52	19930083965	NACA-TN-2687
Single-degree-of-freedom-flutter calculations for a wing in subsonic potential flow and comparison with an experiment	Runyan, Harry L	1-Jul-51	19930083351	NACA-TN-2396
A theoretical study of the aerodynamics of slender cruciform-wing arrangements and their wakes	Spreiter, John R; Sacks, Alvin H	1-Mar-56	19930084229	NACA-TN-3528
Flight investigation of the effect of vertical-tail size on the rolling behavior of a swept-wing airplane having lateral-longitudinal coupling	Finch, Thomas W; Peele, James R; Day, Richard E	10-Apr-56	19930089203	NACA-RM-H55L28a
Use of flame-immersed blades to improve combustion limits and efficiency of a 5-inch diameter connected-pipe, ram-jet combustor	Male, Donald W	9-Apr-53	19930087539	NACA-RM-E53B16
Analytical investigation of distribution of centrifugal stresses and their relation to limiting operating temperatures in gas-turbine blades	Kemp, Richard H; Morgan, William C	12-Apr-48	19930085853	NACA-RM-E7L05
Preliminary investigation of the effect of fences and balancing tabs on the hinge-moment characteristics of a tip control on a 60 degree delta wing at Mach number 1.61	Czarnecki, K R; Lord, Douglas R	29-May-53	19930087838	NACA-RM-L53D14
An analysis of the compressive strength of honeycomb cores for sandwich construction	Norris, Charles B	1-Jan-47	19930082047	NACA-TN-1251
Investigation of 75-millimeter-bore deep-groove ball bearing under radial load at high speeds II : oil inlet temperature, viscosity, and generalized cooling correlation	Nemeth, Zolton N; Macks, E Fred; Anderson, William J	1-Sep-53	19930083651	NACA-TN-3003
A correlation of low-speed, airfoil-section stalling characteristics with Reynolds number and airfoil geometry	Gault, Donald E	1-Mar-57	19930084707	NACA-TN-3963
An approximation to the effect of geometric dihedral on the rolling moment due to sideslip for wings at transonic and supersonic speeds	Purser, Paul E	1-Apr-52	19930086975	NACA-RM-L52B01
Ignition delay experiments with small-scale rocket engine at simulated altitude conditions using various fuels with nitric acid oxidants / Dezso J. Ladanyi	Ladanyi, Dezso J	9-Jan-52	19930086908	NACA-RM-E51J01
An air-borne target simulator for use in optical sight tracking studies	Doolin, Brian F; Smith, G Allan; Drinkwater, Fred J , III	1-Sep-55	19930088979	NACA-RM-A55F20
Tail-design requirements for satisfactory spin recovery	Neihouse, Jacob H; Lichtenstein, Jacob H; Pepoon, Philip W	1-Apr-46	19930081653	NACA-TN-1045
Wind-tunnel investigation at transonic speeds of a spoiler-slot-deflector combination on an unswept NACA 65A006 wing	Vogler, Raymond D	8-Dec-53	19930087958	NACA-RM-L53J21
Investigation of a transonic turbine designed for a maximum rotor-blade suction-surface relative Mach number of 1.57	Whitney, Warren J; Wong, Robert Y; Monroe, Daniel E	11-Oct-54	19930088492	NACA-RM-E54G27

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Bonding of molybdenum disulfide to various materials to form a solid lubricating film II : friction and endurance characteristics of films bonded by practical methods	Godfrey, Douglas; Bisson, Edmond E	1-Oct-52	19930083517	NACA-TN-2802
Investigation of performance of single-stage axial-flow compressor using NACA 5509-34 blade section	Guentert, Donald C; Mankuta, Harry	30-Sep-48	19930085481	NACA-RM-E8F30
Investigation of the I-40 jet-propulsion engine in the Cleveland altitude wind tunnel III : analysis of turbine performance and effect of tail-pipe design on engine performance	Krebs, Richard P; Foshag, Frederick C	26-Aug-48	19930085419	NACA-RM-E8G02b
Low-speed aerodynamic characteristics of a series of swept wings having NACA 65A006 airfoil sections	Cahill, Jones F; Gottlieb, Stanley M	17-Oct-50	19930086214	NACA-RM-L50F16
Selection of optimum configurations for heat exchanger with one dominating film resistance	Eckert, E R G; Irvine, T F , Jr	1-Jun-56	19930084485	NACA-TN-3713
An Improved Continuous-Indicating Dew-Point Meter	Friswold, Frank A; Lewis, Ralph D; Wheeler, JR; Clyde, R	1-Feb-47	19930082057	NACA-TN-1215
Effects of vertical location of the wing and horizontal tail on the static lateral and directional stability of a trapezoidal-wing airplane model at Mach numbers of 1.41 and 2.01	Robinson, Ross B	9-Jul-58	19930090069	NACA-RM-L58C18
Dynamic longitudinal stability characteristics of a swept-wing fighter-type airplane at Mach numbers between 0.36 and 1.45	Wolowicz, Chester H	1-Apr-57	19930090139	NACA-RM-H56H03
A generalized theoretical investigation of the hydrodynamic pitching moments experienced by V-Bottom seaplanes during step-landing impacts and comparisons with experiment	Milwitzky, Benjamin	1-Jun-48	19930082509	NACA-TN-1630
Transonic wind-tunnel investigation of the effects of taper ratio and body indentation on the aerodynamic loading characteristics of a 45 degree sweptback wing in the presence of a body	Delano, James B; Mugler, John P , Jr	4-Apr-55	19930088542	NACA-RM-L54L28
Aerodynamic characteristics of a wing with unswept quarter-chord line, aspect ratio 2, taper ratio 0.78, and NACA 65A004 airfoil section : transonic-bump method	Polhamus, Edward C; Campbell, George S	8-Mar-50	19930086162	NACA-RM-L50A18
Study of flow conditions and deflection angle at exit of two-dimensional cascade of turbine rotor blades at critical and supercritical pressure ratios	Hauser, Cavour H; Plohr, Henry W; Sonder, Gerhard	10-Mar-50	19930086051	NACA-RM-E9K25
Preliminary analysis of effects of air cooling turbine blades on turbojet-engine performance	Schramm, Wilson B; Nachtigall, Alfred J; Arne, Vernon L	2-Aug-50	19930086169	NACA-RM-E50E22
Moments of cambered round bodies	Kempf, Gunther	1-Aug-49	19930080717	NACA-TM-1227
Aerodynamics of slender bodies at Mach number of 3.12 and Reynolds numbers from 2 x 10(exp 6) to 15 x 10(exp 6) V : aerodynamic load distributions for a series of four boattailed bodies	Moskowitz, Barry; Jack, John R	6-May-54	19930088175	NACA-RM-E54B11

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An analytic determination of the flow behind a symmetrical curved shock	Lin, C C; Shen, S F	1-Oct-51	19930083493	NACA-TN-2506
Method of analysis for compressible flow through mixed-flow centrifugal impellers of arbitrary design	Hamrick, Joseph T; Ginsburg, Ambrose; Osborn, Walter M	1-Aug-50	19930083068	NACA-TN-2165
A method for determining the aerodynamic characteristics of two-and three-dimensional shapes at hypersonic speeds	Ivey, H Reese; Klunker, E Bernard; Bowen, Edward N	1-Jul-48	19930082281	NACA-TN-1613
Investigation to determine contraction ratio for supersonic-compressor rotor	Wright, Linwood C	30-Apr-48	19930086058	NACA-RM-E7L23
Experimental determination of the effects of frequency and amplitude on the lateral stability derivatives for a delta, a swept, and an unswept wing oscillating in yaw	Fisher, Lewis R	4-Apr-56	19930089214	NACA-RM-L56A19
Application of a windshield-display system to the low-altitude bombing problem	Barnett, Robert M; Kaufman, William M; Fulcher, Elmer C	4-Jan-57	19930089497	NACA-RM-A56I10
Heat transfer to blunt nose shapes with laminar boundary layers at high supersonic speeds	Reller, John O , Jr	16-Aug-57	19930089888	NACA-RM-A57F03a
Reduction of the shimmy tendency of tail and nose-wheel landing gears by installation of specially designed tires	Schrode, H	1-Jul-55	19930093839	NACA-TM-1391
Measurement of static forces on externally carried bombs of fineness ratios 7.1 and 10.5 in the flow field of a swept-wing fight-bomber configuration at a Mach number of 1.6	Geier, Douglas J; Carlson, Harry W	31-Jan-57	19930090217	NACA-RM-L56K30
A general small-deflection theory for flat sandwich plates	Libove, Charles; Batdorf, S B	1-Apr-48	19930082225	NACA-TN-1526
Free-flight measurements of some effects of aileron span, chord, and deflection and of wing flexibility on the rolling effectiveness of ailerons on sweptback wings at Mach numbers between 0.8 and 1.6	Strass, H Kurt; Fields, E M; Schult, Eugene D	24-Jan-52	19930087886	NACA-RM-L51K16
Altitude performance of a turbojet engine using pentaborane fuel	Sivo, Joseph N	20-May-57	19930090576	NACA-RM-E57C20
Analytical determination of the natural coupled frequencies and mode shapes and the response to oscillating forcing functions of tandem helicopters	Brooks, George W; Houbolt, John C	1-Dec-56	19930084597	NACA-TN-3849
Spark ignition of flowing gases I : energies to ignite propane-air mixtures in pressure range of 2 to 4 inches mercury absolute	Swett, Clyde C , Jr	4-Aug-49	19930093784	NACA-RM-E9E17
A survey of stability analysis techniques for automatically controlled aircraft	Jones, Arthur L; Briggs, Benjamin R	1-Jan-51	19930082951	NACA-TN-2275
An evaluation of four experimental methods for measuring mean properties of a supersonic turbulent boundary layer	Nothwang, George J	1-Jun-56	19930084443	NACA-TN-3721
A technique utilizing rocket-propelled test vehicles for the measurement of the damping in roll of sting-mounted models and some initial results of delta and unswept tapered wings	Bland, William M , Jr; Sandahl, Carl A	13-Jun-50	19930086325	NACA-RM-L50D24
A study of skin temperatures of conical bodies in supersonic flight	Huston, Wilber B; Warfield, Calvin N; Stone, Anna Z	29-Jan-48	19930085751	NACA-RM-L7J21
Low speed stability characteristics of a complete model with a wing of W plan form	Polhamus, Edward C; Becht, Robert E	23-Apr-52	19930086950	NACA-RM-L52A25

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Theoretical force and moments due to sideslip of a number of vertical tail configurations at supersonic speeds	Martin, John C; Malvestuto, Frank S , Jr	1-Sep-51	19930083226	NACA-TN-2412
Use of the Coanda effect for obtaining jet deflection and lift with a single flat-plate deflection surface	Von Glahn, Uwe H	1-Jun-58	19930085044	NACA-TN-4272
Static stability characteristics of a cambered-delta-wing model at high subsonic speeds	Moseley, William C , Jr	31-Oct-56	19930089451	NACA-RM-L56H13
Free-flight-tunnel investigation of dynamic longitudinal stability as influenced by the static stability measured in wind-tunnel force tests under conditions of constant thrust and constant power	Schade, Robert O	1-Apr-50	19930082749	NACA-TN-2075
Measurements of thermal distortion of the submarine intermediate reactor "mark a" moderator tube	Kemp, R H; Morgan, W C	1-Dec-52	19930087344	NACA-RM-E52J02
Pressure distributions for representative airfoils and related profiles	Theodorsen, Theodore; Naiman, Irven	1-Feb-46	19930081814	NACA-TN-1016
Investigation of the effects of an airfoil section modification on the aerodynamic characteristics at subsonic and supersonic speeds of a thin swept wing of aspect ratio 3 in combination with a body	Graham, David; Evans, William T	28-Jun-55	19930088639	NACA-RM-A55D11
Flight investigation of the acceptability of a small side-located controller used with an irreversible hydraulic control system	Kuehnel, Helmut A; Sommer, Robert W	1-Jul-58	19930085192	NACA-TN-4297
Preliminary data at a Mach number of 2.40 of the characteristics of flap-type controls equipped with plain overhang balances	Mueller, James N; Czarnecki, K R	1-Mar-57	19930084650	NACA-TN-3948
Effect of centrifugal force on the elastic curve of a vibrating cantilever beam	Simpkinson, Scott H; Millenson, Morton B; Eatherton, Laurel J	1-Feb-47	19930081865	NACA-TN-1204
Experiments to determine neighborhood reactions to light airplanes with and without external noise reduction	Elwell, Fred S	1-May-52	19930083371	NACA-TN-2728
Thermodynamic study of a Roots compressor as a source of high-temperature air	Cohen, Clarence B; Woollett, Richard R; Weston, Kenneth C	1-Jun-57	19930085237	NACA-TN-4025
Heat capacity lag of gaseous mixtures	Rossing, Thomas D; Amme, Robert C; Legvold, Sam	1-Mar-56	19930084249	NACA-TN-3558
Stability and control characteristics of a free-flying model with an unswept wing of aspect ratio 3 (XS-3)	Bennett, Charles V; Hassell, James L , Jr	15-Nov-48	19930085492	NACA-RM-L8J04
An experimental cascade study of the effects of a solidity reduction on the two-dimensional aerodynamic characteristics of a turbine-rotor blade suitable for air cooling	Plohr, Henry W; Nusbaum, William J	8-May-52	19930087088	NACA-RM-E52B27
Theoretical investigation of the supersonic lift and drag of thin, sweptback wings with increased sweep near the root	Cohen, Doris; Friedman, Morris D	1-Jun-53	19930084015	NACA-TN-2959
The application of airfoil studies to helicopter rotor design	Gustafson, F B	1-Feb-49	19930082486	NACA-TN-1812
Simplified procedures for estimating flap-control loads at supersonic speeds	Czarnecki, K R; Lord, Douglas R	27-May-55	19930088814	NACA-RM-L55E12

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Calculated performance of a direct-air nuclear turbojet-powered airplane using a split-flow reactor and a separated-type shield	Doyle, R B	1-Feb-51	19930086466	NACA-RM-E50K06
Comparison of flight and wind-tunnel measurements of high-speed-airplane stability and control characteristics	Williams, Walter C; Drake, Hubert M; Fischel, Jack	1-Aug-56	19930084656	NACA-TN-3859
Generalized indicial forces on deforming rectangular wings in supersonic flight	Lomax, Harvard; Fuller, Franklyn B; Sluder, Loma	1-Nov-54	19930083985	NACA-TN-3286
Effect of high pressure on smoking tendency of diffusion flames	Mcdonald, Glen E; Schalla, Rose L	28-Jun-54	19930088295	NACA-RM-E54E03
Experimental static aerodynamic forces and moments at low speed on a missile model during simulated launching from the 25-percent-semispan and wing-tip location of a 45 degree sweptback wing-fuselage combination	Alford, William J , Jr; Silvers, H Norman; King, Thomas J , Jr	25-May-55	19930088668	NACA-RM-L55D20
Performance of supersonic scoop inlets	Weinstein, Maynard I	18-Feb-52	19930087858	NACA-RM-E52A22
Experimental investigation of the effect of vertical-tail size and length of fuselage shape and length on the static lateral stability characteristics of a model with 45 degree sweptback wing and tail surfaces	Queijo, M J; Wolhart, Walter D	1-Aug-50	19930083060	NACA-TN-2168
Aerodynamic characteristics of a canard-balanced free-floating, all-movable stabilizer as obtained from rocket-powered-model flight tests and low-speed wind-tunnel tests	Gardner, William N	4-Dec-53	19930090588	NACA-RM-L53I28a
Combustion efficiencies in hydrocarbon-air systems at reduced pressures	Hibbard, Robert R; Drell, Isadore L; Metzler, Allen J; Spakowski, Adolph E	13-Sep-50	19930086283	NACA-RM-E50G14
Strength analysis of stiffened beam webs	Kuhn, Paul; Peterson, James P	1-Jul-47	19930081990	NACA-TN-1364
Static lateral stability characteristics of a 1/10-scale model of the X-1 airplane at high subsonic Mach numbers	Kuhn, Richard E; Wiggins, James W	8-Aug-51	19930086841	NACA-RM-L51F01a
A solution of the Navier-Stokes equation for source and sink flows of a viscous heat-conducting compressible fluid	Hess, Robert V	1-Feb-52	19930083483	NACA-TN-2630
An evaluation of some approximate methods of computing landing stresses in aircraft	Stowell, Elbridge Z; Houbolt, John C; Batdord, S B	1-May-48	19930082235	NACA-TN-1584
Laminar free convection on a vertical plate with prescribed nonuniform wall heat flux or prescribed nonuniform wall temperature	Sparrow, E M	1-Jul-55	19930084185	NACA-TN-3508
Effect of three flame-holder configurations on subsonic flight performance of rectangular ram jet over range of altitudes	Black, Dugald O; Messing, Wesley E	24-Nov-48	19930085515	NACA-RM-E8I01
Effect of wing size and amount of indentation on applicability of transonic area rule to swept-wing configurations	Hall, James Rudyard	20-Jul-56	19930088762	NACA-RM-L55F03
Wind-tunnel investigation of effects of tail length on the longitudinal and lateral stability characteristics of a single-propeller airplane model	Johnson, Harold S	1-Dec-48	19930082439	NACA-TN-1766
Supersonic lift and pitching moment of thin sweptback tapered wings produced by constant vertical acceleration.Subsonic leading edges and supersonic trailing edges	Malvestuto, Frank S , Jr; Hoover, Dorothy M	1-Mar-51	19930082993	NACA-TN-2315

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Some torsional-damping measurements of laminated beams as applied to the propeller stall-flutter problem	Heath, Atwood R , Jr	29-Apr-53	19930087559	NACA-RM-L53A19
Effects of rocket-armament exhaust gas on the performance of a supersonic-inlet J34-turbojet-engine installation at Mach 2.0	Beheim, Milton, A; Evans, Phillip J	20-Feb-56	19930089223	NACA-RM-E55K22
Some internal-flow characteristics of several axisymmetrical NACA 1-series nose air inlets at zero flight speed	Bryan, Carroll R; Fleming, Frank F	15-Jul-54	19930089283	NACA-RM-L54E19a
Static-Thrust Investigation of Full-Scale PV-2 Helicopter Rotors Having NACA 0012.6 and 23012.6 Airfoil Sections	Lipson, Stanley	1-May-46	19930093093	NACA-WR-L-749, NACA-MR-L6D24
Experimental investigation of a transonic compressor rotor with a 1.5-inch chord length and an aspect ratio of 3.0 II : blade-element performance	Schwenk, Francis C; Tysl, Edward R	18-Aug-55	19930088789	NACA-RM-E55F10
Transonic wind-tunnel investigation of the effect of body indentation for boattail and cylindrical afterbody shapes on the aerodynamic characteristics of an unswept-wing-body combination	Kelly, Thomas, C	15-Mar-54	19930088110	NACA-RM-L54A08
A flight investigation of the effect of flap deflection on high-speed longitudinal-control characteristics	White, Maurice D; Sadoff, Melvin; Clousing, Lawrence A; Cooper, George E	30-Jun-49	19930085873	NACA-RM-A9D08
Laminar mixing of a compressible fluid	Chapman, Dean R	1-Feb-49	19930082475	NACA-TN-1800
Free-flight investigation of the longitudinal stability and control of a rocket-propelled missile model having cruciform, triangular, interdigitated wings and tails	Sandahl, Carl A; Hall, James R	10-Jul-51	19930086503	NACA-RM-L51B15
Investigation at low speed of the effectiveness and hinge moments of a constant-chord elevator on a large-scale triangular wing with section modification	Hawes, John G; May, Ralph W , Jr	24-Apr-51	19930086695	NACA-RM-L51A26
On the statistical theory of turbulence	Heisenberg, W	1-Jan-58	19930090908	NACA-TM-1431
Analytical and experimental investigation of a temperature-schedule acceleration control for a turbojet engine	Heppler, Herbert; Stiglic, Paul M; Novik, David	22-Jun-58	19930089108	NACA-RM-E56C08
Experimental investigation of the effect of fuel-injection-system design variables on afterburner performance	Jansen, Emmert T; Velie, Wallace W; Wilsted, H Dean	5-Feb-54	19930088032	NACA-RM-E53K16
Time-history data of maneuvers performed by McDonnell F2H-2 airplane during squadron operational training	Huss, Carl R; Andrews, William H; Hamer, Harold A	27-May-52	19930087081	NACA-RM-L52B29
Analytical investigation of turbines with adjustable stator blades and effect of these turbines on jet-engine performance	Silvern, David H; Slivka, William R	17-Jul-50	19930086203	NACA-RM-E50E05
Small scale transonic investigation of the effects of partial-span leading-edge camber on the aerodynamic characteristics of a 50 degree 38 foot sweptback wing of aspect ratio 2.98	Alford, William J , Jr; Byrnes, Andrew L , Jr	23-Jun-52	19930087111	NACA-RM-L52D08a
Altitude investigation of can-type flame holder in 20-inch-diameter ram-jet combustor	Smolak, George R; Wentworth, Carl B	3-Jun-54	19930090500	NACA-RM-E54D08

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Analysis of flight-determined and predicted effects of flexibility on the steady-state wing loads of the B-52 airplane	Kuhl, Albert E; Rogers, John T; Little, Mary V	23-Apr-58	19930089698	NACA-RM-H57C25
Aerodynamic study of a wing-fuselage combination employing a wing swept back 63 degrees : aerodynamic characteristics in sideslip of a large-scale model having a 63 degree swept-back vertical tail	Mccormack, Gerald M	7-Oct-49	19930086092	NACA-RM-A9F14
A flight investigation of the transonic area rule for a 52.5 degree sweptback wing-body configuration at Mach numbers between 0.8 and 1.6	Hoffman, Sherwood	19-Nov-54	19930088324	NACA-RM-L54H13a
Ice protection of turbojet engines by inertia separation of water I : alternate-duct system	Von Glahn, Uwe	28-May-48	19930085318	NACA-RM-E8A27
Creep of aluminum-copper alloys during age hardening	Underwood, E E; Marsh, L L; Manning, G K	1-Feb-58	19930084727	NACA-TN-4036
Effect of distance on airplane noise	Regier, Arthur A	1-Jun-47	19930081978	NACA-TN-1353
Analysis of stresses in the plastic range around a circular hole in a plate subjected to uniaxial tension	Budiansky, Bernard; Vidensek, Robert J	1-Oct-55	19930084287	NACA-TN-3542
Heat transfer and pressure measurement on a 5-inch hemispherical concave nose at a Mach number of 2.0	Markley, J Thomas	17-Jul-58	19930090059	NACA-RM-L58C14a
Impact theory for seaplane landings	Benscoter, S U	1-Oct-47	19930082067	NACA-TN-1437
An investigation of the longitudinal characteristics of the X-3 configuration with wing and horizontal tail surfaces of aspect ratio 3.0 by means of rocket-propelled models : results at high lift coefficients	Peck, Robert F; Mitchell, Jesse L	27-Aug-51	19930086817	NACA-RM-L51G10
Investigation of conical subsonic diffusers for ram-jet engines	Farley, John M; Welna, Henry J	15-Mar-54	19930090476	NACA-RM-E53L15
Correlation of calculation and flight studies of the effect of wing flexibility on structural response due to gusts	Houbolt, John C	1-Aug-53	19930083671	NACA-TN-3006
Performance of air inlets at transonic and low supersonic speeds	Nichols, Mark R; Pendley, Robert E	15-Feb-52	19930086995	NACA-RM-L52A07
Investigation of two-stage counterrotating compressor I : design and over-all performance of transonic first compressor stage	Wilcox, Ward W; Wright, Linwood C	22-May-56	19930089120	NACA-RM-E56C15
Flight tests of an airplane model with a 62 degree swept-back wing in the Langley free-flight tunnel	Maggin, Bernard; Bennett, Charles V	1-May-47	19930081904	NACA-TN-1288
Low-speed characteristics of a 45 degree swept wing with leading-edge inlets	Dannenberg, Robert E	13-Aug-51	19930086829	NACA-RM-A51E29
Theoretical loading at supersonic speeds of flat swept-back wings with interacting trailing and leading edges	Cohen, Doris	1-Dec-49	19930082896	NACA-TN-1991
Performance and load-range characteristics of turbojet engine in transonic speed range	Lubarsky, Bernard	1-May-50	19930082797	NACA-TN-2088
Preliminary results of an investigation at transonic speeds to determine the effects of a heated propulsive jet on the drag characteristics of a related series of afterbodies	Henry, Beverly Z , Jr; Cahn, Maurice S	25-Mar-55	19930088705	NACA-RM-L55A24a

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Effect of forebody warp and increase in afterbody length on the hydrodynamic qualities of a flying-boat hull of high length-beam ratio	Kapryan, Walter J	1-Nov-49	19930082646	NACA-TN-1980
Analysis of factors affecting selection and design of air-cooled single-stage turbines for turbojet engines IV : coolant-flow requirements and performance of engines using air-cooled corrugated-insert blades	Slone, Henry O; Hubbartt, James E	11-May-55	19930088696	NACA-RM-E55C09
Investigation of lift, drag, and pitching moment of a 60 degrees delta-wind-body combination (AGARD calibration model B) in the Langley 9-inch supersonic tunnel	Bromm, August F , Jr	1-Sep-54	19930084038	NACA-TN-3300
Theoretical pressure distributions for some slender wing-body combinations at zero lift	Byrd, Paul F	13-Jan-55	19930088430	NACA-RM-A54J07
Wind-tunnel investigation of effects of unsymmetrical horizontal-tail arrangements on power-on static longitudinal stability of a single-engine airplane model	Purser, Paul E; Spear, Margaret F	1-Oct-47	19930082127	NACA-TN-1474
Comparison of effectiveness of convection-, transpiration-, and film-cooling methods with air as coolant	Eckert, E R G; Livingood, John N B	1-Oct-53	19930083716	NACA-TN-3010
Altitude-chamber performance of British Rolls-Royce Nene II engine III : 18.00-inch-diameter jet nozzle	Grey, Ralph E; Brightwell, Virginia L; Barson, Zelmar; NACA	10-Jul-50	19930086320	NACA-RM-E50A31
Determination of average heat-transfer coefficients for a cascade of symmetrical impulse turbine blades I : heat transfer from blades to cold air	Meyer, Gene L	10-Nov-48	19930090351	NACA-RM-E8H12
Effect of centrifugal force on critical flutter speed on a uniform cantilever beam	Mendelson, Alexander	18-Jun-48	19930085561	NACA-RM-E8B05
Internal performance of a series of circular auxiliary-air inlets immersed in a turbulent boundary layer : Mach number range: 1.5 to 2.0	Simon, Paul C	3-Mar-55	19930088569	NACA-RM-E54L03
Photographic study of rotary screaming and other oscillations in a rocket engine	Male, Theodore; Kerslake, William R; Tischler, Adelbert O	1-Jan-54	19930088223	NACA-RM-E54A29
Component performance investigation of L71 experimental turbine X : effect of first-stator adjustment; internal flow conditions of J71-97 turbine with 132-percent-design stator area	Petrash, Donald A; Schum, Harold J; Davison, Elmer H	16-Jan-58	19930089797	NACA-RM-E57E29
Determination of transient skin temperature of conical bodies during short-time, high-speed flight	Lo, Hsu	6-Apr-48	19930085798	NACA-RM-L7K17a
An experimental investigation of the effect of various parameters including tip Mach number on the flutter of some model helicopter rotor blades	Brooks, George W; Baker, John E	1-Sep-58	19930084909	NACA-TN-4005
Matched performance characteristics of a 16-stage axial-flow compressor and a 3-stage turbine	Rebeske, John J , Jr; Dugan, James F , Jr	28-Apr-53	19930087248	NACA-RM-E52H18
Experimental investigation of the effects of viscosity on the drag of bodies of revolution at a Mach number 1.5	Chapman, Dean R; Perkins, Edward W	3-Apr-47	19930085622	NACA-RM-A7A31a
Mechanical tests on specimens from large aluminum-alloy forgings	Miller, James A; Albert, Alfred L	1-Aug-56	19930084474	NACA-TN-3729

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Preliminary investigation of a conical spike inlet in combination with a vertical-wedge auxiliary inlet at Mach number 1.9	Beke, Andrew; Allen, John L; Williams, Thomas	27-Sep-55	19930090247	NACA-RM-E55H04
Wind-tunnel investigation of the static longitudinal stability and trim characteristics of a sweptback-wing jet-transport model equipped with an external-flow jet augmented flap	Johnson, Joseph L , Jr	1-Jan-58	19930085072	NACA-TN-4177
Wind-tunnel investigation at Mach numbers from 0.50 to 1.29 of an unswept, tapered wing of aspect ratio 2.67 with leading- and trailing-edge flaps : flaps deflected in combination	Stivers, Louis S , Jr; Malick, Alexander W	26-Feb-51	19930086481	NACA-RM-A50K27b
Low-speed tests of a free-to-yaw model in two wind tunnels of different turbulence	Cahill, Jones F; Bird, John D	26-Feb-52	19930086928	NACA-RM-L51L14
Analysis and experimental observation of pressure losses in ram-jet combustion chambers	Sterbentz, William H	4-Nov-49	19930085973	NACA-RM-E9H19
Analytical and experimental investigation of effect of twist on vibrations of cantilever beams	Mendelson, Alexander; Gendler, Selwyn	1-Mar-51	19930082959	NACA-TN-2300
Performance of J33 turbojet engine with shaft power extraction II : compressor	Ross, Albert O; Nettles, J Cary; Esterly, John R	24-Aug-48	19930085361	NACA-RM-E8B27b
Experimental investigation of a 90 degree cascade diffusing bend with an area ratio of 1.45:1 and with several inlet boundary layers	Friedman, Daniel; Westphal, Willard R	1-Apr-52	19930083771	NACA-TN-2668
Preliminary results from a free-flight investigation of boundary-layer transition and heat transfer on a highly polished 8-inch-diameter hemisphere-cylinder at Mach numbers up to 3 and Reynolds numbers based on a length of 1 foot up to 17.7 x 10(exp	Hall, James R; Speegle, Katherine C; Piland, Robert O	16-May-57	19930089771	NACA-RM-L57D18c
An analysis of shock-wave cancellation and reflection for porous walls which obey an exponential mass-flow pressure-difference relation	Spiegel, Joseph M; Tunnell, Phillips J	1-Aug-54	19930084140	NACA-TN-3223
Aerodynamic characteristics of two rectangular-plan-form, all moveable controls in combination with a slender body of revolution at Mach numbers from 3.00 to 6.25	Wong, Thomas J; Gloria, Hermilo R	28-Dec-55	19930088999	NACA-RM-A55J07
Transonic wind-tunnel investigation of static longitudinal force and moment characteristics of two wing-body combinations with clipped-tip and full delta wings of aspect ratio 1.73	Burrows, Dale L	14-Sep-56	19930089350	NACA-RM-L56F21
Investigation of the aerodynamic effects of an external store in combination with 60 degree delta and low-aspect-ratio tapered wings at a Mach number of 1.9	May, Ellery B , Jr	9-Jan-51	19930090399	NACA-RM-L50K03
Theoretical performance of liquid ammonia, hydrazine and mixture of liquid ammonia and hydrazine as fuels with liquid oxygen bifluoride as oxidant for rocket engines II : hydrazine	Huff, Vearl N; Gordon, Sanford	8-Sep-52	19930087337	NACA-RM-E52G09

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Component performance investigation of J71 experimental turbine VII: effect of first-stator adjustment; over-all performance of J71 turbine with 87-percent-design stator area	Schum, Harold J; Petrash, Donald A; Davison, Elmer H	14-Jan-57	19930089343	NACA-RM-E56F20
Exploratory investigation of aerodynamic effects of external combustion of aluminum borohydride in airstream adjacent to flat plate in Mach 2.46 tunnel	Dorsch, Robert G; Serafini, John S; Fletcher, Edward A	29-Jul-57	19930089786	NACA-RM-E57E16
Analysis of shear strength of honeycomb cores for sandwich constructions	Werren, Fred; Norris, Charles Brazer	1-Oct-50	19930082855	NACA-TN-2208
A substitute-stringer approach for including shear-lag effects in box-beam vibrations	Davenport, William W; Kruszewski, Edwin T	1-Jan-54	19930083877	NACA-TN-3158
Summary of stall-warning devices	Zalovcik, John A	1-May-52	19930083830	NACA-TN-2676
Ditching tests of a 1/15-scale model of the Fairchild C-82 airplane	Fisher, Lloyd J; Hoffman, Edward L	7-Oct-48	19930085501	NACA-RM-SL8J08
Elastic buckling of outstanding flanges clamped at one edge and reinforced by bulbs at other edge	Goodman, Stanley	1-Oct-49	19930082705	NACA-TN-1985
Experimental and calculated characteristics of several NACA 44-series wings with aspect ratios of 8, 10, and 12 and taper ratios of 2.5 and 3.5	Neely, Robert H; Bollech, Thomas V; Westrick, Gertrude C	1-May-47	19930081871	NACA-TN-1270
Investigation of the NiAl phase of nickel-aluminum alloys	Grala, Edward M	1-Jan-57	19930084543	NACA-TN-3828
The use of area suction for the purpose of improving trailing-edge flap effectiveness on a 35 degree sweptback wing	Holzhauser, Curt A; Cook, Woodrow L; Kelly, Mark W	2-Jul-53	19930087587	NACA-RM-A53E06
Flight Determination of the Longitudinal Stability and Control Characteristics of a 0.125-Scale Rocket-Boosted Model of the McDonnell F-101 Airplane at Mach Numbers from 0.82 to 1.84	Hastings, Earl C , Jr; Mitcham, Grady L	5-Jul-55	19930088867	NACA-RM-SL55F24
Synthesis and purification of alkylldiphenylmethane hydrocarbons I : 2-methyldiphenylmethane, 3-methyldiphenylmethane, 2-ethyldiphenylmethane, 4-ethyldiphenylmethane and 4-isopropyldiphenylmethane	Lamneck, John H; Wise, Paul H	1-Dec-50	19930082870	NACA-TN-2230
Some measurements of flow in a rectangular cutout	Roshko, Anatol	1-Aug-55	19930084332	NACA-TN-3488
Burning rates of single fuel drops and their application to turbojet combustion process	Graves, Charles C	16-Jul-53	19930087602	NACA-RM-E53E22
Hydrodynamic characteristics of missiles launched under water	Dawson, John R	27-Jun-58	19930090151	NACA-RM-L58E09a
Experimental investigation of the low-speed static and yawing stability characteristics of a 45 degrees sweptback high-wing configuration with various twin vertical wing fins	Goodman, Alex; Wolhart, Walter D	1-Nov-51	19930083410	NACA-TN-2534
An investigation of the adaptation of a transonic slotted tunnel to supersonic operation by enclosing the slots with fairings	Mathews, Clarence W	6-Oct-55	19930089066	NACA-RM-L55H15
Tracking performance of a swept-wing fighter with a disturbed reticle lead-computing sight	Gadeberg, Burnett L; Rathert, George A , Jr	15-Feb-55	19930088482	NACA-RM-A54K16
Altitude-wind-tunnel investigation of tail-pipe burner with converging conical burner section on J35-A-5 turbojet engine	Thorman, H Carl; Campbell, Carl E	10-Feb-50	19930086005	NACA-RM-E9I16

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Note on performance of aircraft ejector nozzles at high secondary flows	Kochendorfer, Fred D	27-Aug-54	19930088271	NACA-RM-E54F17a
Effect of an interface on transient temperature distribution in composite aircraft joints	Barzelay, Martin E; Holloway, George F	1-Apr-57	19930084530	NACA-TN-3824
Investigation at transonic speeds of aerodynamic characteristics of a semielliptical air inlet in the root of a 45 degree sweptback wing	Howell, Robert R; Trescot, Charles D , Jr	11-Dec-53	19930087978	NACA-RM-L53J22a
Results of edge-compression on stiffened flat-sheet panels of alclad and nonclad 14S-T6, 24S-T3, and 75S-T6 aluminum alloys	Holt, Marshall	1-Apr-54	19930083806	NACA-TN-3023
Aerodynamic characteristics at subsonic and supersonic Mach numbers of a thin triangular wing of aspect ratio 2 l : maximum thickness at 20 percent of the chord	Berggren, Robert E; Summers, James L	19-Nov-48	19930085552	NACA-RM-A8I16
A self-synchronizing stroboscopic Schlieren system for the study of unsteady air flows	Lawrence, Leslie F; Schmidt, Stanley F; Looschen, Floyd W	1-Oct-51	19930083235	NACA-TN-2509
An optimum switching criterion for a third-order contactor acceleration control system	Passera, Anthony L; Willoh, Ross G , R	1-Aug-56	19930084554	NACA-TN-3743
Practical considerations in specific applications of gas-flow interferometry	Howes, Walton L; Buchele, Donald R	1-Jul-55	19930084175	NACA-TN-3507
A comparison of the hydrodynamic forces on 1/25-, 1/10-, and 8/10-size models of a Convair XF2Y-1 hydro-ski	Mcbride, Ellis E	7-Oct-55	19930088915	NACA-RM-L55G29a
Effect of high-lift devices on the static-lateral-stability derivatives of a 45 degree sweptback wing of aspect ratio 4.0 and taper ratio 0.6 in combination with a body	Lichtenstein, Jacob H; Williams, James L	1-Nov-52	19930083602	NACA-TN-2819
Design and test of mixed-flow impellers I : aerodynamic design procedure	Osborn, Walter M; Hamrick, Joseph T	19-Sep-52	19930087022	NACA-RM-E52E05
The appearance of a boric oxide exhaust cloud from a turbojet engine operating on trimethylborate fuel	Lord, Albert M; Kaufman, Warner B	10-Aug-56	19930089595	NACA-RM-E56G30
Transonic wind-tunnel investigation of the effects of external stores and store position on the aerodynamic characteristics of a 1/16-scale model of the Douglas D-558-II research airplane	Kelly, Thomas C	8-Nov-55	19930088852	NACA-RM-L55I07
Preliminary Results of Stability and Control Investigation of the Bell X-5 Research Airplane	Finch, Thomas W; Briggs, Donald W	11-Feb-53	19930087476	NACA-RM-L52K18b
Effects of secondary-air flow on annular base force of a supersonic airplane	Vargo, Donald J	11-Oct-54	19930088512	NACA-RM-E54G28
Measurements of temperature variations in the atmosphere near the tropopause with reference to airspeed calibration by the temperature method	Lina, Lindsay J; Ricker, Harry H , Jr	1-Oct-52	19930083537	NACA-TN-2807
A fuel-distribution control for gas-turbine engines	Gold, Harold; Straight, David M	14-Jun-48	19930085433	NACA-RM-E8C08
Heat-transfer and pressure measurements from a flight test of the second 1/18-scale model on the Titan intercontinental ballistic missile up to a Mach number of 3.91 and Reynolds number per foot of 23.4×10^6 : COORD. No. AF-AM-70	Graham, John B JR	29-Jan-58	19930090083	NACA-RM-SL58B10

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Analytical and experimental investigation of adiabatic turbulent flow in smooth tubes	Deissler, Robert G	1-Jul-50	19930082759	NACA-TN-2138
Analysis of V-g records from the Grumman F8F-2 airplane	Thornton, James O	1-Jul-52	19930086779	NACA-RM-L51J25
Effect of longitudinal wing position on the pressure characteristics at transonic speeds of a 45 degree sweptback wing-fuselage model	Solomon, William; Schmeer, James W	4-Mar-53	19930087372	NACA-RM-L52K05a
Experimental investigation of an NACA 64A010 airfoil section with 41 suction slots on each surface for control of laminar boundary layer	Burrows, Dale L; Schwartzberg, Milton A	1-Apr-52	19930083563	NACA-TN-2644
Bending-torsion flutter calculations modified by subsonic compressibility corrections	Garrick, I E	1-May-46	19930081953	NACA-TN-1034
Handbook of Structural Stability Part I: Buckling of Flat Plates	Gerard, George; Becker, Herbert	1-Jul-57	19930084505	NACA-TN-3781
Two-dimensional wind-tunnel investigation of sealed 0.22-airfoil-chord internally balanced ailerons of different contour on an NACA 65(112)- 213 airfoil	Braslow, Albert L	1-Jul-46	19930081724	NACA-TN-1099
Study of unsteady flow disturbances of large and small amplitudes moving through supersonic or subsonic steady flows	Hess, Robert V	1-May-49	19930082555	NACA-TN-1878
Effect of propeller location and flap deflection on the aerodynamic characteristics of a wing-propeller combination for angles of attack from 0 degrees to 80 degrees	Newsom, William A , Jr	1-Jan-57	19930084847	NACA-TN-3917
Boundary-layer and stalling characteristics of two symmetrical NACA low-drag airfoil sections	Mccullough, George B; Gault, Donald E	6-Jan-47	19930093812	NACA-RM-A6L13
Limits of flammability of pure hydrocarbon-air mixtures at reduced pressures and room temperature	Dipiazza, James T	25-May-51	19930086587	NACA-RM-E51C28
Investigation of high-angle-of attack performance of a 14 degree ramp-type inlet in various circumferential body locations : Mach number range 1.5 to 2.0	Mitchell, Glenn A; Chiccine, Bruce G	26-Jun-57	19930089646	NACA-RM-E57C12a
Wind-tunnel investigation of the effect of aspect ratio and chordwise location on effectiveness of spoiler-slot-deflector controls on thin untapered wings at transonic speeds	Hammond, Alexander D; Huffman, Jarrett K	19-Sep-57	19930089760	NACA-RM-L57G08a
Strain measurements and strength tests of 25-inch diagonal-tension beams of 75S-T aluminum alloy	Peterson, James P	1-May-46	19930081698	NACA-TN-1058
Wind-tunnel investigation at low speeds of the pitching derivatives of untapered swept wings	Fisher, Lewis R; Maclachlan, Robert	29-Sep-48	19930085439	NACA-RM-L8G19
Aerodynamic study of a wing-fuselage combination employing a wing swept back 63 degrees : effect of sideslip on aerodynamic characteristics at a Mach number of 1.4 with the wing twisted and cambered	Lessing, Henry C	29-Sep-50	19930086234	NACA-RM-A50F09
Effect of immersed surfaces in combustion zone on efficiency and stability of 5-inch diameter ram-jet combustor	Reynolds, Thaine W; Male, Donald W	21-Jun-54	19930088357	NACA-RM-E54C25

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: The linear perturbation theory of axially symmetric compressible flow with application to the effect of compressibility on the pressure coefficient at the surface of a body of revolution	Herriot, John G	18-Jul-47	19930085566	NACA-RM-A6H19
Charts for estimation of the profile drag-lift ratio of a helicopter rotor having rectangular blades with -8 degree twist	Gustafson, F B	14-Oct-53	19930087693	NACA-RM-L53G20a
Effect of engine coolant variables on cylinder-head temperatures and coolant heat rejection of a multicylinder liquid-cooled engine of 1650-cubic-inch displacement	Povolny, John J; Bogdan, Louis J; Chelko, Louis J	20-Sep-48	19930085389	NACA-RM-E8C01
Steady- and intermittent-flow coefficients of poppet intake valves	Stanitz, John D; Lucia, Robert E; Masselle, Francis L	1-Mar-46	19930081967	NACA-TN-1035
Altitude investigation of several afterburner configurations for the J40-WE-8 turbojet engine	Conrad, E William; Campbell, Carl E	16-Jul-53	19930087411	NACA-RM-E52L10
Investigation of thrust losses due to shanks of a flared-shank two-blade propeller on a slender-nose airplane	Hammack, Jerome B	1-Aug-47	19930082091	NACA-TN-1414
Longitudinal aerodynamic characteristics of various configurations of a revised 1/22-scale model of the Republic F-105 airplane at Mach numbers of 1.41 and 2.01 : COORD. No. AF-163	Foster, Gerald V	4-May-56	19930089421	NACA-RM-SL56E07a
Friction studies of various materials in liquid nitrogen	Wisander, D W; Hady, W F; Johnson, R L	1-Feb-58	19930085100	NACA-TN-4211
Some linear dynamics of two-spool turbojet engines	Novik, David	1-Jun-56	19930084112	NACA-TN-3274
Aerodynamic measurements made during Navy investigation of human tolerance to wind blasts	Loving, Donald L	11-Mar-47	19930085678	NACA-RM-L7C25
Investigation of a high-performance axial-flow compressor transonic inlet rotor designed for 37.5 pounds per second per square foot of frontal area : detailed blade-element performance	Felix, A Richard; Savage, Melvyn	12-Apr-57	19930089654	NACA-RM-L56K23
Flight-determined pressure distributions over a section of the 35 degree swept wing of the Douglas D-558-II research airplane at Mach numbers up to 2	Jordan, Gareth H; Keener, Earl R	25-Mar-55	19930088562	NACA-RM-H55A03
Wind-tunnel investigation at low speeds of flight characteristics of a sweptback-wing jet-transport airplane model equipped with an external-flow jet-augmented slotted flap	Johnson, Joseph L , Jr	1-Jul-58	19930085250	NACA-TN-4255
Location of Detached Shock Wave in Front of a Body Moving at Supersonic Speeds	Laitone, Edmund V.; Pardee, Otway O'm.	6-May-47	19930085652	NACA-RM-A7B10
Theoretical study of the diffusion constant for self-diffusion in metals	Leichter, M	1-Apr-49	19930082529	NACA-TN-1856
Some interference effects that influence vertical-tail loads at supersonic speeds	Edwards, S Sherman	17-Feb-56	19930088837	NACA-RM-A55H30
Low-speed investigation of a thin, faired, double-wedge airfoil section with nose flaps of various chords	Rose, Leonard M; Altman, John M	1-Feb-50	19930082677	NACA-TN-2018

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Aerodynamic characteristics at Mach numbers 2.36 and 2.87 of an airplane configuration having a cambered arrow wing with a 75 degree swept leading edge	Hallissy, Joseph M , Jr; Hasson, Dennis F	4-Aug-58	19930090159	NACA-RM-L58E21
Some effects of fuselage interference, wing interference, and sweepback on the damping in roll of untapered wings as determined by techniques employing rocket-propelled vehicles	Bland, William M , Jr; Dietz, Albert E	8-Oct-51	19930086686	NACA-RM-L51D25
Wind-tunnel investigation of the effects of a jet engine nacelle on the aerodynamic characteristics of a 37.25 degree swept back wing at high subsonic speeds	Boltz, Federick W; Buell, Donald A	24-Oct-50	19930086360	NACA-RM-A50H23
A comparison of theory and experiment for high-speed free-molecule flow	Stalder, Jackson R; Goodwin, Glen; Creager, Marcus O	1-Dec-50	19930083131	NACA-TN-2244
Evaluation of gust response characteristics of some existing aircraft with wing bending flexibility included	Kordes, Eldon E; Houbolt, John C	1-Feb-53	19930083841	NACA-TN-2897
Tabulated pressure coefficients and aerodynamic characteristics measured on the wing of the Bell X-1 airplane in pull-ups at Mach numbers from 0.53 to 0.99	Knapp, Ronald J; Wilken, Gertrude V	1-Nov-50	19930086369	NACA-RM-L50H28
Calculation of the lateral-dynamic stability of aircraft	Raikh, A	1-Feb-52	19930093966	NACA-TM-1264
Drag interference between a pointed cylindrical body and triangular wings of various aspect ratios at Mach numbers of 1.50 and 2.02	Katzen, Elliott D; Kaattari, George E	1-Nov-56	19930084518	NACA-TN-3794
Aeronautical interference effects on normal and axial force coefficients of several engine-strut-body configurations at Mach numbers of 1.8 and 2.0	Kremzier, Emil J; Dryer, Murray	28-Apr-52	19930090447	NACA-RM-E52B21
Aerodynamic characteristics at transonic speeds of a 69 degree delta wing with a triangular plan-form control having a skewed hinge axis and an overhang balance : transonic-bump method	Wiley, Harleth G	6-Feb-51	19930086489	NACA-RM-L50L01
Analysis of horizontal-tail loads in pitching maneuvers on a flexible swept-wing jet bomber	Aiken, William S , Jr	1-Dec-57	19930085148	NACA-TN-4191
A cooled-gas pyrometer for use in high-temperature gas streams	Krause, Lloyd N; Johnson, Robert C; Glawe, George E	1-Sep-58	19930085276	NACA-TN-4383
Effects of various outboard and central fins on low-speed static-stability and rolling characteristics of a triangular-wing model	Jaquet, Byron M; Brewer, Jack D	29-Jun-49	19930085995	NACA-RM-L9E18
Evaluation of packed distillation columns : atmospheric pressure	Walsh, T J; Sugimura, George H; Reynolds, Thaine W	1-Apr-51	19930082981	NACA-TN-2342
Elevated-temperature properties of several titanium carbide base ceramals	Deutsch, George C; Repko, Andrew J; Lidman, William G	1-Jul-49	19930082593	NACA-TN-1915
The static longitudinal characteristics of a twisted and cambered 45 degree sweptback wing at Mach numbers up to 0.96	Sammonds, Robert I; Reynolds, Robert M	11-Aug-58	19930090089	NACA-RM-A58C21
Heat transfer for Mach numbers up to 2.2 and pressure distributions for Mach numbers up to 4.7 from flight investigations of a flat-face-cone and a hemisphere-cone	Speegle, Katherine C; Chauvin, Leo T; Heberlig, Jack C	8-May-58	19930089993	NACA-RM-L58B18

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An investigation of four wings of square plan form at a Mach number of 6.86 in the Langley 11-inch hypersonic tunnel	McLellan, Charles H; Bertram, Mitchel H; Moore, John A	29-Jun-51	19930086769	NACA-RM-L51D17
Investigation of a continuous normal-shock positioning control on the bypass of a supersonic inlet in combination with the J34 turbojet engine	Wilcox, Fred A	4-Jan-56	19930088950	NACA-RM-E55J10
Two-dimensional irrotational transonic flows of a compressible fluid	Kuo, Yung-Huai	1-Jun-48	19930082077	NACA-TN-1445
Calculation of the bending stresses in helicopter rotor blades	De Guillenchmidt, P	1-Mar-51	19930093918	NACA-TM-1312
Longitudinal stability characteristics in accelerated maneuvers at subsonic and transonic speeds of the Douglas D-558-II research airplane equipped with a leading-edge wing chord-extension	Fischel, Jack; Brunn, Cyril D	27-Oct-54	19930088333	NACA-RM-H54H16
Self shielding in rectangular and cylindrical geometries	Schneider, Harold; Saper, Paul G; Kadow, Charles F	1-Apr-56	19930084885	NACA-TN-3661
Combustion instability in an acid-heptane rocket with a pressurized-gas propellant pumping system	Tischler, Adelbert O; Bellman, Donald R	1-May-53	19930083647	NACA-TN-2936
Effects of Mach number variation between 0.07 and 0.34 and Reynolds number variation between 0.97×10^6 and 8.10×10^6 power on the maximum lift coefficient of a wing of NACA 64-210 airfoil sections	Fitzpatrick, James E; Schneider, William C	1-Aug-52	19930083513	NACA-TN-2753
Effect of surface-active additives on physical behavior of 50-percent slurries of 1.5-micron magnesium in n-decane	Pinns, Murray L	18-Feb-55	19930088538	NACA-RM-E54K22a
Some effects of bluntness on boundary-layer transition and heat transfer at supersonic speeds	Moeckel, W E	1-Mar-56	19930084439	NACA-TN-3653
Wind-tunnel investigation at low speed of the lateral control characteristics of ailerons having three spans and three trailing-edge angles on a semispan wing model	Schneider, Leslie E; Naeseth, Rodger L	1-Nov-48	19930082435	NACA-TN-1738
Preliminary investigation of effect of angle of attack on pressure recovery and stability characteristics for a vertical-wedge-nose inlet at Mach number of 1.90	Leissler, L Abbott; Hearsh, Donald P	12-Aug-52	19930087118	NACA-RM-E52E14
Theoretical rocket performance of JP-4 fuel with several fluorine-oxygen mixtures assuming frozen composition	Gordon, Sanford; Drellishak, Kenneth S	13-Nov-57	19930089793	NACA-RM-E57G16a
Altitude investigation of three flame-holder and fuel-systems configurations in a short converging afterburner on a turbojet engine	Renas, Paul E; Braithwaite, Willis M; Jansen, Emmert T	10-Sep-52	19930087244	NACA-RM-E52G29
The Lagrangian multiplier method of finding upper and lower limits to critical stresses of clamped plates	Budiansky, Bernard; Hu, Pai C	1-Jul-46	19930081709	NACA-TN-1103
Charts and tables for use in calculations of downwash of wings of arbitrary plan form	Diederich, Franklin W	1-May-51	19930083088	NACA-TN-2353
Reinforced Circular Cutouts in Plane Sheets	Reissner, H; Morduchow, M	1-Apr-49	19930082525	NACA-TN-1852
Control during starting of gas-turbine engines	Koenig, Robert J; Dandois, Marcel	17-Jun-48	19930085904	NACA-RM-E7L17
Preliminary results from free jet tests of a 48-inch-diameter ram-jet combustor with an annular-piloted baffle-type flameholder	Rayle, Warren D; Smith, Ivan D; Wentworth, Carl B	11-May-55	19930087896	NACA-RM-E54K15

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Effects of an inset tab on the hinge-moment and effectiveness characteristics of an unswept trailing-edge control on a 60 degree delta wing at Mach numbers form 0.75 to 1.96	Guy, Lawrence D; Brown, Hoyt V	15-Feb-55	19930089308	NACA-RM-L54K16a
Longitudinal stability characteristics at transonic speeds of a canard configuration having a 45 degree sweptback wing of aspect ratio 6.0 and NACA 65A009 airfoil section	Vitale, A James; Mcfall, John C , Jr	15-Nov-54	19930088440	NACA-RM-L54I01
Average skin-friction drag coefficients from tank tests of a parabolic body of revolution (NACA RM-10)	Loposer, J Dan; Mottard, Elmo J	1-Jan-53	19930083591	NACA-TN-2854
Torsional strength of stiffened D-tubes	Kavanaugh, E S; Drinkwater, William Dale	1-May-51	19930083098	NACA-TN-2362
Problem of slip flow in aerodynamics	Street, Robert E	4-Mar-57	19930089513	NACA-RM-57A30
Gust-tunnel tests to determine influence of airfoil section characteristics on gust-load factors	Pierce, Harold B; Trauring, Mitchell	1-Jul-48	19930082301	NACA-TN-1632
Stabilization techniques for ramp-type side inlets at supersonic speeds	Obery, L J; Cubbison, R W; Mercer, T G	11-Apr-55	19930088574	NACA-RM-E55A26
Low-speed investigation of a small triangular wing of aspect ratio 2.0 I : the effect of combination with a body revolution and height above a ground plane	Rose, Leonard M	27-Aug-48	19930085767	NACA-RM-A7K03
Thermal analysis of sodium hydroxide containing the reaction products of sodium hydroxide and chromium metal	Wagner, G D	1-Oct-55	19930089010	NACA-RM-E55H08
A transonic investigation of the mass-flow and pressure recovery characteristics of several types of auxiliary air inlets	Dennard, John S	10-Apr-57	19930089560	NACA-RM-L57B07
Investigation of the effects of ground proximity and propeller position on the effectiveness of a wing with large-chord slotted flaps in redirecting propeller slipstreams downward for vertical take-off	Kuhn, Richard E	1-Mar-56	19930084376	NACA-TN-3629
Analysis of turbojet-engine controls for afterburning starting	Phillips, W E , Jr	8-Oct-56	19930089257	NACA-RM-E56F29
Investigation of extensible wing-tip ailerons on an untapered semispan wing at 0 degree and 45 degrees sweepback	Hagerman, John R; O'Hare, William M	20-Sep-49	19930086078	NACA-RM-L9H04
Analysis of transonic rotor-blade passage loss with hot-wire anemometers	Lewis, George W; Tysl, Edward R; Fessler, Theodore E	5-Jun-58	19930090026	NACA-RM-E58C04
Some conical and quasi-conical flows in linearized supersonic-wind theory	Ribner, Herbert Spencer	1-Aug-50	19930082765	NACA-TN-2147
Effects of fuel-vapor loss on knock-limited performance and inspection properties of aviation fuels	Marsh, Edred T	1-Mar-46	19930093424	NACA-WR-E-221, NACA-RB-E6C01
A variational theorem for creep with applications to plates and columns	Sanders, J Lyell, Jr; Mccomb, Harvey, Jr; Schlechte, Floyd R	1-May-57	19930084878	NACA-TN-4003
Aerodynamic characteristics of an airfoil-forebody swept flying-boat hull with a wing and tail swept back 51.3 degrees at the leading edge	Naeseth, Rodger L; Macleod, Richard G	9-Sep-49	19930086071	NACA-RM-L9F08
The effect of aileron span and spanwise location on the low-speed lateral control characteristics of an untapered wing of aspect ratio 2.09 and 45 degree sweepback	Naeseth, Rodger L; O'Hare, William M	10-Feb-50	19930086182	NACA-RM-L9L09a

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Combustor performance of a 16-inch ram jet using gaseous hydrogen as fuel at Mach number 3.0	Wasserbauer, Joseph F; Wilcox, Fred A	18-Jan-57	19930089677	NACA-RM-E56K28a
Aerodynamic characteristics of a 60 degree delta wing having a half-delta tip control at a Mach number of 4.04	Ulmann, Edward F; Smith, Fred M	25-Apr-55	19930088684	NACA-RM-L55A19
Determination of viscosity of exhaust-gas mixtures at elevated temperatures	Westmoreland, J C	1-Jun-54	19930083695	NACA-TN-3180
An analysis of the airspeeds and normal accelerations of Boeing S-307 airplanes in commercial transport operation	Peiser, A M; Walker, W G	1-Sep-46	19930081793	NACA-TN-1141
Choking of a subsonic induction tunnel by the flow from an induction nozzle	Lindsey, W F	1-Jul-52	19930083377	NACA-TN-2730
Design and investigation of a transonic axial-flow compressor rotor with an inlet hub-tip radius ratio of essentially zero	Westphal, Willard R; Maynard, John W , Jr	11-Mar-57	19930089739	NACA-RM-L57A10
Analysis and comparison with theory of flow-field measurements near a lifting rotor in the Langley full-scale tunnel	Heyson, Harry H	1-Apr-56	19930084430	NACA-TN-3691
Method of calculating core dimensions of crossflow heat exchanger with prescribed gas flows and inlet and exit states	Eckert, E R G; Diaguila, Anthony J	1-Apr-56	19930084826	NACA-TN-3655
Investigation of the loads on a typical bubble-type canopy	Cocke, Bennie W , Jr	10-Jul-47	19930085601	NACA-RM-L7D07
A theoretical investigation of the influence of auxiliary damping in pitch on the dynamic characteristics of a proportionally controlled supersonic canard missile configuration	Nelson, Walter C; Passera, Anthony L	25-Aug-50	19930086299	NACA-RM-L50F30
High-speed wind-tunnel tests of a 1/16-scale model of the D-558 research airplane-dynamic pressure and comparison of point and effective downwash at the tail of the D-558-1	Robinson, Harold L	4-Nov-48	19930085531	NACA-RM-L8H05
Compressibility correction for turning angles of axial-flow inlet guide vanes	Lieblein, Seymour; Sandercock, Donald M	1-Dec-50	19930082862	NACA-TN-2215
Downwash characteristics and vortex-sheet shape behind a 63 degree swept-back wing-fuselage combination at a Reynolds number of 6.1×10^6	Tolhurst, William H , Jr	1-May-54	19930083902	NACA-TN-3175
Experimental investigation of a 0.4 hub-tip diameter ratio axial-flow compressor inlet stage at transonic inlet relative Mach numbers I : rotor design and over-all performance at tip speeds from 60 to 100 percent of design	Serovy, George K; Robbins, William H; Glaser, Frederick W	7-Dec-53	19930088044	NACA-RM-E53I11
Hydrodynamic characteristics of a low-drag, planing-tail flying-boat hull	Suydam, Henry B	21-Oct-48	19930093735	NACA-RM-L7I10
Pressure distributions on the blade sections of the NACA 10-(3)(066)-033 propeller under operating conditions	Maynard, Julian D; Murphy, Maurice P	24-Jan-50	19930086189	NACA-RM-L9L12
Comparison of experimentally and analytically determined windmilling characteristics of a compressor with low over-all pressure ratio	Hatch, James E	25-Feb-58	19930090005	NACA-RM-E57L12a
Supplementary bibliography of NACA reports related to instrumentation and research techniques		19-Jun-52	19930087127	NACA-RM-52D11
Effect of brake forming on the strength of 24S-T aluminum-alloy sheet	Heimerl, George J; Woods, Walter	1-May-46	19930081763	NACA-TN-1072
Results obtained from second flight of X-4 airplane (A.F. no. 46-676)	Williams, Walter C	18-Jul-49	19930085908	NACA-RM-L9F21

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Free-flight performance of a rotating-vane-spoiler roll control system with low actuating forces	Schult, Eugene D	10-May-57	19930089684	NACA-RM-L57C21
Stability derivatives of triangular wings at supersonic speeds	Ribner, Herbert S; Malvestuto, Frank S , Jr	1-May-48	19930082383	NACA-TN-1572
An exploratory investigation of some types of aeroelastic instability of open and closed bodies of revolution mounted on slender struts	Clevenson, S A; Widmayer, E , Jr; Diederich, Franklin W	1-Nov-54	19930084054	NACA-TN-3308
A low-speed investigation of the aerodynamic, control, and hinge-moment characteristics of two types of controls and balancing tabs on a large-scale thin delta-wing-fuselage model	Fink, Marvin P; Cocke, Bennie W	24-Mar-54	19930088228	NACA-RM-L54B03
Exploratory investigation of external stores in the aerodynamic characteristics of a 1/16-scale model of the Douglas D-558-II research airplane at a Mach number of 2.01	Smith, Norman F	25-Aug-54	19930088195	NACA-RM-L54F02
Experimental investigation of acceleration characteristics of a turbojet engine including regions of surge and stall for control applications	Stiglic, Paul M; Schmidt, Ross D; Delio, Gene J	20-Dec-54	19930093756	NACA-RM-E54H24
Transonic investigation of the effectiveness and loading characteristics of a flap-type aileron with and without paddle balances of an unswept-wing-fuselage model	Hieser, Gerald	13-Apr-56	19930089177	NACA-RM-L56B02
A flight study of the effects on tracking performance of changes in the lateral-oscillatory characteristics of a fighter airplane	Van Dyke, Rudolph D , Jr; Mcneill, Walter E; Drinkwater, Fred J , III	9-Oct-53	19930087832	NACA-RM-A53H10
Free-flight investigation of the low-lift transonic aerodynamic characteristics of a 1/10-scale model of the Northrop MX-775A with an aluminum-alloy wing having leading-edge extensions and inboard trailing-edge flaps	Arbic, Richard G	19-May-54	19930088104	NACA-RM-SL54E10
Aerodynamic characteristics at transonic and supersonic speeds of a rocket-propelled airplane configuration having a diamond-plan-form wing of aspect ratio 3.08 and a low, swept horizontal tail	Kehlet, Alan B	10-Sep-54	19930088506	NACA-RM-L54G27a
The effectiveness at high speeds of a 10-percent-chord plain trailing-edge flap on the NACA 65-210 airfoil section	Ilk, Richard J	14-Jun-48	19930085383	NACA-RM-A8A21
Investigation of the variation of maximum lift for a pitching airplane model and comparison with flight results	Harper, Paul W; Flanigan, Roy E	1-Oct-48	19930082429	NACA-TN-1734
Effect of wing-tank location on the drag and trim of a swept-wing model as measured in flight at transonic speeds	Welsh, Clement J; Morrow, John D	4-Apr-50	19930086176	NACA-RM-L50A19
A transonic wind-tunnel investigation of the effects of twist and camber with and without incidence, twist and body indentation on the aerodynamic characteristics of a 45 degree sweptback wing-body configuration	Cooper, J Lawrence	1-Apr-54	19930088098	NACA-RM-L54B15
Experimental investigation of a transonic axial-flow-compressor rotor with double-circular-arc airfoil blade sections II : blade-element performance	Lewis, George W , Jr; Schwenk, Francis C	10-Jan-55	19930090596	NACA-RM-E54J08

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Measurement and calculation of blade torsional deflection of three supersonic-type propellers	Allis, Arthur E; Foss, Willard E , Jr	28-May-54	19930087900	NACA-RM-L53I16
Effects of nose and afterbody modifications on aerodynamic characteristics of a body with and without a vertical tail at a Mach number of 2.01	Foster, Gerald V	15-Apr-58	19930089850	NACA-RM-L58A10
The diffusion of a hot air jet in air in motion Part II : the flow field in the transition zone	Szablewski, W	1-Dec-50	19930093942	NACA-TM-1288
Additional results in a free-flight investigation of control effectiveness of full-span, 0.2-chord plain ailerons at high subsonic, transonic, and supersonic speeds to determine some effects of wing sweepback, aspect ratio, taper, and section thickne	Sandahl, Carl A; Strass, H Kurt	23-Apr-48	19930085829	NACA-RM-L7L01
Free-spinning-tunnel investigation of a 1/20-scale model of the Douglas A4D-1 airplane : TED No. NACA DE 389	Klinar, Walter J; Scher, Stanley H; Healy, Frederick M	19-Jan-55	19930088603	NACA-RM-SL55A06
Local isotropy in turbulent shear flow	Corrsin, Stanley	28-May-58	19930089981	NACA-RM-58B11
Thermal conductivity of 14 metals and alloys up to 1100 F	Evans, Jerry E , Jr	2-Mar-51	19930090602	NACA-RM-E50L07
Prandtl-Meyer flow for a diatomic gas of variable specific heat	Noyes, Robert N	1-Jun-50	19930082823	NACA-TN-2125
An investigation of the section characteristics of plain unsealed ailerons on an NACA 66,1-115 airfoil section in the Langley 8-foot high-speed tunnel	Luoma, Arvo A	1-Jan-49	19930082245	NACA-TN-1596
The inward bulge type buckling of monocoque cylinders V : revised strain energy theory which assumes a more general deflected shape at buckling	Hoff, N J; Klein, Bertram; Boley, Bruno A	1-Sep-48	19930082189	NACA-TN-1505
Longitudinal characteristics of wings	Toll, Thomas A	28-Oct-53	19930087906	NACA-RM-L53I21b
Vibratory-stress investigation of six- and eight-blade-dual-rotating propellers operating at zero advance	Heath, Atwood R , Jr; O'Neal, Robert L	4-Feb-55	19930088444	NACA-RM-L54J28
Preliminary wind tunnel investigation of two types of jet-exit configurations for control of aircraft	Englert, Gerald W; Leissler, L Abbott	6-Aug-54	19930088065	NACA-RM-E54E27
Abstracts pertaining to seaplanes	Bidwell, Jerold M; King, Douglas A	24-Jul-47	19930093804	NACA-RM-L6I13
The Ames 10- by 14-inch supersonic wind tunnel	Eggers, A J; Nothwang, George J	1-Jan-54	19930083793	NACA-TN-3095
Method of estimating the incompressible-flow pressure distribution of compressor blade sections at design angle of attack	Erwin, John R; Yacobi, Laura A	1-Jan-53	19930090541	NACA-RM-L53F17
Comparison of landing-impact velocities of first and second wheel to contact from statistical measurements of transport airplane landings	Harrin, Eziaslav N	1-Feb-56	19930084322	NACA-TN-3610
Study of the pressure rise across shock waves required to separate laminar and turbulent boundary layers	Donaldson, Coleman Dup; Lange, Roy H	1-Sep-52	19930083553	NACA-TN-2770
Stresses in and general instability of monocoque cylinders with cutouts VI : calculation of the buckling load of cylinders with side cutout subjected to pure bending	Hoff, N J; Klein, Bertram; Boley, Bruno A	1-Mar-48	19930082348	NACA-TN-1436

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Static lateral characteristics at high subsonic speeds of a complete airplane model with a highly tapered wing having the 0.80 chord line unswept and with several tail configurations	Goodson, Kenneth W	28-Oct-57	19930089802	NACA-RM-L57I13
Subsonic flight investigation of rectangular ram jet over range of altitudes	Messing, Wesley E; Black, Dugald O	19-Jan-48	19930085701	NACA-RM-E7H26
A transonic wind-tunnel investigation of the effects of longitudinal wing location and varying body size on the interference characteristics of a 45 degrees sweptback wing	Loving, Donald L	10-Mar-53	19930087421	NACA-RM-L52L16
Minimum-wave-drag airfoil section for arrow wings	Cooper, Morton; Grant, Frederick C	1-May-54	19930083958	NACA-TN-3183
Strength analysis of stiffened thick beam webs with ratios of web depth to web thickness of approximately 60	Levin, L Ross	1-May-53	19930083595	NACA-TN-2930
Supersonic aerodynamic characteristics of a low-drag aircraft configuration having an arrow wing of aspect ratio 1.86 and a body of fineness ratio 20	Gillespie, Warren JR	19-Mar-57	19930089506	NACA-RM-L57A25
Field of Flow About a Jet and Effect of Jets on Stability of Jet-Propelled Airplanes	Ribner, Herbert S.	1-Apr-46	19930093606	NACA-WR-L-213, NACA-ACR-L6C13
Approximate hydrodynamic design of a finite span hydrofoil	Vladimirov, A N	1-Jun-55	19930093889	NACA-TM-1341
The forces and pressure distribution at subsonic speeds on a cambered and twisted wing having 45 degrees of sweepback and aspect ratio of 3 and a taper ratio of 0.5	Boltz, Frederick W; Kolbe, Carl D	18-Jul-52	19930087199	NACA-RM-A52D22
On two-dimensional flow after a curved stationary shock (with special reference to the problem of detached shock waves)	Shu, S S	1-May-51	19930083102	NACA-TN-2364
Flight measurements of the pressure distribution on the wing of the X-1 airplane (10 percent thick wing) over a chordwise station near the midspan, in level flight at Mach numbers from 0.79 to 1.00 and in a pull up at a Mach number of 0.98	Carner, H Arthur; Knapp, Ronald J	12-Sep-50	19930086250	NACA-RM-L50H04
Analysis of a form of peak holding control	Delio, G J	30-Mar-56	19930089234	NACA-RM-E56B10
Thin oblique airfoils at supersonic speed	Jones, Robert T	1-Sep-46	19930081740	NACA-TN-1107
Analytical investigation of turbulent flow in smooth tubes with heat transfer with variable fluid properties for Prandtl number of 1	Deissler, Robert G	1-Dec-50	19930082883	NACA-TN-2242
Effect of compressor-outlet bleedoff on turbojet-engine performance	Fleming, William A; Wallner, Lewis E; Wintler, John T	7-Aug-50	19930086139	NACA-RM-E50E17
Low-speed pressure-distribution investigation of a thin-delta-wing-fuselage model with double slotted flap, extended double slotted flap, and canard	Croom, Delwin R; Huffman, Jarrett K	23-Nov-56	19930089517	NACA-RM-L56I11
The use of a luminescent lacquer for the visual indication of boundary-layer transition	Stalder, Jackson R; Slack, Ellis G	1-Jan-51	19930082928	NACA-TN-2263
A transonic investigation of changing indentation design Mach number on the aerodynamic characteristics of a 45 degree sweptback-wing-body combination designed for high performance	Loving, Donald L	10-Jan-56	19930089043	NACA-RM-L55J07
Thin airfoil theory based on approximate solution of the transonic flow equation	Spreiter, John R; Alksne, Alberta Y	1-May-57	19930084679	NACA-TN-3970
Linearized potential theory of propeller induction in a compressible flow	Davidson, Robert E	1-Sep-53	19930083708	NACA-TN-2983

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Static directional stability of a tandem-helicopter fuselage	Smith, Charles C , Jr	9-Aug-50	19930086291	NACA-RM-L50F29
Calibration of the slotted test section of the Langley 8-foot transonic tunnel and preliminary experimental investigation of boundary-reflected disturbances	Ritchie, Virgil S; Pearson, Albin O	7-Jul-52	19930087191	NACA-RM-L51K14
Analytical investigation of flow through high-speed mixed-flow turbine	Stewart, Warner L	3-Oct-51	19930086785	NACA-RM-E51H06
Altitude-wind-tunnel investigation of combustion-chamber performance on J47 turbojet engine	Campbell, Carl E	15-Dec-50	19930086104	NACA-RM-E9L02
A method for estimating the effect of turbulent velocity fluctuations in the boundary layer on diffuser total-pressure-loss measurements	Persh, Jerome; Bailey, Bruce M	1-Jan-54	19930083910	NACA-TN-3124
Exploratory investigation of the moments on oscillating control surfaces at transonic speeds	Martin, Dennis J; Martz, William C; Thompson, Robert F	15-Aug-55	19930088731	NACA-RM-L55E31b
Apparatus for measurements of time and space correlation	Favre, Alexandre; Gaviglio, J; Dumas, R	1-Apr-55	19930093859	NACA-TM-1371
Instrumentation and calibration technique for flight calibration of angle-of-attack systems on aircraft	Mcfadden, Norman M; Holden, George R; Ratcliff, Jack W	5-Dec-52	19930087295	NACA-RM-A52I23
Preliminary results from flow-field measurements around single and tandem rotors in the langley full-scale tunnel	Heyson, Harry H	1-Nov-54	19930083923	NACA-TN-3242
Wind-tunnel investigation of a wing-fuselage combination with external stores	Silvers, H Norman; Spreemann, Kenneth P	9-Jul-48	19930085803	NACA-RM-L7K20
Tank tests to determine the effect of varying design parameters of planing-tail hulls II : effect of varying depth of step, angle of after- body keel, length of afterbody chine, and gross load	Dawson, John R; Mckann, Robert; Hay, Elizabeth S	1-Jul-46	19930080791	NACA-TN-1101
Effect of changing passage configuration on internal-flow characteristics of a 48-inch centrifugal compressor	Michel, Donald J; Mizisin, John; Prian, Vasily	1-May-52	19930083269	NACA-TN-2706
Theoretical distribution of laminar-boundary-layer thickness, boundary-layer Reynolds number and stability limit, and roughness Reynolds number for a sphere and disk in incompressible flow	Tetervin, Neal	1-Sep-58	19930085164	NACA-TN-4350
Preliminary study of some factors which affect the stall-flutter characteristics of thin wings	Rainey, A Gerald	1-Mar-56	19930084364	NACA-TN-3622
Ground tests of the elevator power control system and feel device in a Boeing B-47A airplane	Brown, B Porter	18-Oct-54	19930088395	NACA-RM-L54G09
Velocity distributions on two-dimensional wing-duct inlets by conformal mapping	Perl, W; Moses, H E	24-Apr-47	19930085668	NACA-RM-E7C24
The use of a leading-edge area-suction flap and leading-edge modifications to improve the high-lift characteristics of an airplane model with a wing of 45 degree sweep and aspect ratio 2.8	Koenig, David G; Aoyagi, Kiyoshi	4-Nov-57	19930089908	NACA-RM-A57H21
Wind-tunnel tests and analysis of two 10-foot-diameter six-blade dual-rotating tractor propeller differing in pitch distribution	Gilman, Jean, Jr	1-Jun-48	19930082305	NACA-TN-1634

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The longitudinal characteristics at Mach numbers up to 0.9 of a wing-fuselage-tail combination having a wing with 40 degrees of sweepback and an aspect ratio of 10	Tinling, Bruce E	12-Dec-52	19930087378	NACA-RM-A52I19
Stresses in and general instability of monocoque cylinders with cutouts I : experimental investigation of cylinders with a symmetric cutout subjected to pure bending	Hoff, N J; Boley, Bruno A	1-Jan-46	19930084586	NACA-TN-1013
Investigation of a high-performance axial-flow compressor transonic inlet rotor designed for 37.5 pounds per second per square foot of frontal area I : aerodynamic design and overall performance	Savage, Melvyn; Felix, A Richard	24-Mar-55	19930088578	NACA-RM-L55A05
Aerodynamics of slender bodies at Mach number of 3.12 and Reynolds numbers from 2 x 10(exp 6) to 15 x 10(exp 6) IV : aerodynamic characteristics of series of four bodies having near-parabolic noses and cylindrical afterbodies	Jack, John R; MOSKOWITZ BARRY	25-Jan-54	19930086970	NACA-RM-E53J27
Transient and steady-state performance of a single turbojet combustor with four different fuel nozzles	Mccafferty, Richard J; Donlon, Richard H	21-Oct-55	19930088974	NACA-RM-E55H03a
Analysis of efficiency characteristics of a single-stage turbine with downstream stators in terms of work and speed requirements	Wintucky, William T; Stewart, Warner L	23-Jan-57	19930090212	NACA-RM-E56J19
Investigations of an annular diffuser-fan combination handling rotating flow	Schwartz, Ira R	25-Apr-49	19930085868	NACA-RM-L9B28
Theoretical study of the lateral frequency response to gusts of a fighter airplane, both with controls fixed and with several types of autopilots	Adams, James J; Mathews, Charles, W	1-Mar-56	19930084282	NACA-TN-3603
Experimental investigation at Mach numbers from 0 to 1.9 of trapezoidal and circular side inlets for a fighter-type airplane	Mossman, Emmett A; Pfyl, Frank A; Lazzeroni, Frank A	28-Jul-55	19930088691	NACA-RM-A55D27
A rapid approximate method for the design of hub shroud profiles of centrifugal impellers of given blade shape	Smith, Kenneth J; Hamrick, Joseph T	1-Mar-55	19930084135	NACA-TN-3399
Force and pressure-recovery characteristics of a conical-type nose inlet operating at Mach numbers of 1.6 to 2.0 and at angles of attack to 9 degrees	Beke, Andrew; Allen, J L	19-Nov-52	19930087332	NACA-RM-E52I30
Turbulent boundary-layer and skin-friction measurements in axial flow along cylinders at Mach numbers between 0.5 and 3.6	Chapman, Dean R; Kester, Robert H	1-Mar-54	19930083801	NACA-TN-3097
Evaporation of JP-5 fuel sprays in air streams	Foster, Hampton H; Ingebo, Robert D	21-Feb-56	19930088910	NACA-RM-E55K02
Device for measuring principal curvature and principal strains on a nearly plane surface	Mcpherson, A E	1-Feb-47	19930081788	NACA-TN-1137
High-speed hydrodynamic characteristics of a flat plate and 20 degrees dead-rise surface in unsymmetrical planing conditions	Savitsky, Daniel; Prowse, R E; Lueders, D H	1-Jun-58	19930085133	NACA-TN-4187
Altitude-test-chamber investigation of performance of a 28-inch ram-jet engine III : combustion and operational performance of three flame holders with a center pilot burner	Shillito, Thomas B; Younger, George G; Henzel, James G , Jr	6-Feb-51	19930086636	NACA-RM-E50J20

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Adhesive and protective characteristics of ceramic coating A-417 and its effect on engine life of forged Refractaloy-26 (AMS 5760) and cast stellite 21 (AMS 5385) turbine blades	Garrett, Floyd B; Gyorgak, Charles A	12-Feb-53	19930087630	NACA-RM-E52L30
Investigation of internal film cooling of 1000-pound-thrust liquid-ammonia - liquid-oxygen rocket-engine combustion chamber	Morrell, Gerald	17-Jul-51	19930086671	NACA-RM-E51E04
Flight investigation of a roll stabilized missile configuration at varying angles of attack at Mach numbers between 0.8 and 1.79	Zarovsky, Jacob; Gardiner, Robert A	6-Mar-51	19930086345	NACA-RM-L50H21
Investigation of the fatigue strength of full-scale airplane wing structures	Fearnow, Dwight O	13-Jul-51	19930086626	NACA-RM-L51D13a
An experimental transonic investigation of a 45 degree sweptback wing-body combination with several types of body indentation with theoretical comparisons included	Carmel, Melvin M	29-Nov-54	19930090507	NACA-RM-L54I07a
Preliminary investigation of the effect of surface treatment on the strength of a titanium carbide - 30 percent nickel base cermet	Robins, Leonard; Grala, Edward M	1-Feb-57	19930084914	NACA-TN-3927
Chordwise pressure distribution at high subsonic speeds near midsemispan of a tapered 35 degree sweptback wing of aspect ratio 4 having NACA 65A006 airfoil sections and equipped with various spoiler ailerons	Hammond, Alexander, D; McMullan, Barbara M	24-Jun-52	19930087253	NACA-RM-L52C28
A comparison of the experimental subsonic pressure distributions about several bodies of revolution with pressure distributions computed by means of the linearized theory	Matthews, Clarence W	12-Sep-49	19930085920	NACA-RM-L9F28
Experimental investigation of flow in an annular cascade of turbine nozzle blades of constant discharge angle	Kofskey, Milton G; Rohlik, Harold E; Monroe, Daniel E	3-Mar-52	19930087010	NACA-RM-E52A09
Behavior of fast moving flow of compressible gas in cylindrical pipe in presence of cooling	Varshavsky, G A	1-Sep-51	19930093951	NACA-TM-1274
Helicopter stability	Gustafson, F B; Reeder, J P	12-Apr-48	19930085771	NACA-RM-L7K04
Application of radial-equilibrium condition to axial-flow turbomachine design including consideration of change of entropy with radius downstream of blade row	Hatch, James E; Giamati, Charles C; Jackson, Robert J	14-Apr-54	19930088148	NACA-RM-E54A20
Full-scale-wind-tunnel tests of a 35 degree sweptback wing airplane with high-velocity blowing over the training-edge flaps	Kelley, Mark W; Tolhurst, William H JR	15-Nov-55	19930093777	NACA-RM-A55I09
A study of injection processes for liquid oxygen and gaseous hydrogen in a 200-pound-thrust rocket engine	Auble, Carmon M	9-Jan-57	19930089444	NACA-RM-E56I25a
Experimental heat-transfer and friction coefficients for air flowing through stacks of parallel flat plates	Sams, Eldon W; Weiland, Walter F , Jr	19-Sep-54	19930088216	NACA-RM-E54F11
Wind-tunnel investigation of the high-subsonic static longitudinal stability characteristics of several wing-body configurations designed for high lift-drag ratios at a Mach number of 1.4	Fournier, Paul G	1-Jul-58	19930085243	NACA-TN-4340

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The effect of leading-edge droop upon the pressure distribution and aerodynamic loading characteristics of a 45 degree sweptback wing at transonic speeds	Schmeer, James W	8-Nov-55	19930088903	NACA-RM-L55I16
Design and test of mixed-flow impellers VII : experimental results for parabolic-bladed impeller with alternate blades cut back to form splitter vanes	Osborn, Walter M	16-Mar-56	19930089014	NACA-RM-E55L15
Method of split rigidities and its application to various buckling problems	Bijlaard, P P	1-Jul-58	19930085123	NACA-TN-4085
Results of tests to determine the effect of a conical windshield on the drag of a bluff body at supersonic speeds	Alexander, Sidney R	14-Jan-47	19930085627	NACA-RM-L6K08a
Effect of oxygen recombination on one-dimensional flow at high Mach numbers	Heims, Steve P	1-Jan-58	19930085003	NACA-TN-4144
Results of flight test of an automatically stabilized model C (swept back) four-wing Tiamat	Seacord, Chharles L; Teitelbaum, J M	11-Jun-47	19930085637	NACA-RM-L7B03
Noise survey under static conditions of a turbine-driven full-scale modified supersonic propeller with an advance ratio of 3.2	Kurbjun, Max C	1-Jan-58	19930085031	NACA-TN-4172
Investigation of off-design performance of shock-in-rotor type supersonic blading	Graham, Robert C; Klapproth, John F; Barina, Frank J	7-May-51	19930086578	NACA-RM-E51C22
Investigation of drag and static longitudinal and lateral stability characteristics of a model of a 40.4 degree swept-wing airplane at Mach numbers of 1.56 and 2.06	Carmel, Melvin M; Turner, Kenneth L	18-Jan-57	19930089564	NACA-RM-L56I17a
Stall propagation in axial-flow compressors	Stenning, Alan H; Kriebel, Anthony R; Montgomery, Stephen R	1-Jun-56	19930084380	NACA-TN-3580
Orientation of orifices on bodies of revolution for determination of stream static pressure at supersonic speeds	Cooper, Morton; Hamilton, Clyde V	1-Jan-52	19930083418	NACA-TN-2592
Method of designing vaneless diffusers and experimental investigation of certain undetermined parameters	Brown, Byron; Bradshaw, Guy R	18-Sep-47	19930082137	NACA-TN-1426
Effect of compressibility at high subsonic velocities on the moment acting on an elliptic cylinder	Kaplan, Carl	1-Mar-47	19930082101	NACA-TN-1218
Flight Tests of Fifteen T-231 Gun-Launched Rocket Projectiles	Lanford, Wade E	26-Jun-56	19930089372	NACA-RM-SL56F27
Analogue-computer simulation of an autopilot servo system having nonlinear response characteristics	Jones, Arthur L; White, John S	1-Jun-52	19930083278	NACA-TN-2707
The effect of high viscosity on the flow around a cylinder and around a sphere	Homann, F	1-Jun-52	19930093896	NACA-TM-1334
Experimental and theoretical studies of interference effects on the damping in roll of the Bell X-1A research airplane at supersonic speeds (including canopy shape effects)	Mcdearmon, Russel W; Boatright, William B	15-Oct-56	19930089573	NACA-RM-L56G27
Investigation of several double-ramp side inlets	Stitt, Leonard E; Wise, George A	27-Aug-54	19930088249	NACA-RM-E54D20
Some theoretical characteristics of trapezoidal wings in supersonic flow and a comparison of several wing-flap combinations	Piland, Robert O	1-Apr-51	19930082971	NACA-TN-2336

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Flight test of a solid-fuel ram jet with the internal surface of the combustor air cooled	Bartlett, Walter A , Jr	3-Jul-56	19930089261	NACA-RM-L56D24
Test of an aerodynamically heated multiweb wing structure (MW-1) in a free jet at Mach number 2	Heldenfels, Richard R; Rosecrans, Richard; Griffith, George E	30-Jul-53	19930087638	NACA-RM-L53E27
Further investigation of the feasibility of the freeze-casting method for forming full-size infiltrated titanium carbide turbine blades	Grala, E M	1-Oct-56	19930084463	NACA-TN-3769
Flutter experiments with various control configurations	Boswinkle, Robert W; Morgan, Homer G	10-Jul-57	19930089866	NACA-RM-L57D23c
Aerodynamic characteristics of an 0.08-scale model of the Martin XB-51 Airplane at high subsonic speeds	Barnes, Robert H	7-Oct-49	19930086029	NACA-RM-SA9J07
A flight investigation and analysis of the lateral-oscillation characteristics of an airplane	Stough, Carl J; Kauffman, William M	3-Jun-48	19930086082	NACA-RM-A7L31
A study of a symmetrical, circular, internal, compression inlet	Mossman, Emmet A; Pfyl, Frank A	13-Feb-56	19930089021	NACA-RM-A55L16
Comparison between theory and experiment for wings at supersonic speeds	Vincenti, Walter G	1-Jun-50	19930082906	NACA-TN-2100
The effect of a simulated propeller slipstream on the aerodynamic characteristics of an unswept wing panel with and without nacelles at Mach numbers from 0.30 to 0.86	Cole, Richard I; Jordan, Gareth H	1-Sep-52	19930083569	NACA-TN-2776
Proposed initiating system for crash-fire prevention systems	Moser, Jacob C; Black, Dugald O	1-Dec-56	19930084479	NACA-TN-3774
Performance of a 16-inch ram-jet engine with a can-type combustor at Mach numbers of 1.5 to 2.16	Hearth, Donald P; Perchonok, Eugene	27-Aug-54	19930088318	NACA-RM-E54G13
Notes on damping in roll and load distributions in roll at high angles of attack and high subsonic speed		27-Aug-53	19930087654	NACA-RM-L53G13a
Calculation and compilation of the unsteady-lift functions for a rigid wing subjected to sinusoidal gusts and to sinusoidal sinking oscillations	Drischler, Joseph A	1-Oct-56	19930084611	NACA-TN-3748
An experimental investigation at large scale of an NACA submerged intake and deflector installation on the rearward portion of a fuselage	Holzhauser, Curt A	30-Aug-50	19930086244	NACA-RM-A50F13
Gust loads and operating airspeeds of one type of four-engine transport airplane on three routes from 1949 to 1953	Walker, Walter G	1-Nov-53	19930083702	NACA-TN-3051
Low-Speed Investigation of the Effects of Frequency and Amplitude of Oscillation in Sideslip on the Lateral Stability Derivatives of a 60 D Delta Wing, a 45 D Sweptback Wing, and an Unswept Wing	Lichtenstein, Jacob H; Williams, James L	5-Jun-58	19930090030	NACA-RM-L58B26
Effects of a detached tab on the hinge-moment and effectiveness characteristics of an unswept trailing-edge control on a 60 degree delta wing at Mach numbers from 0.75 to 1.96	Morris, Odell A; Westrick, Gertrude C	14-Apr-55	19930088659	NACA-RM-L55B15
An investigation of the effects of atmospheric corrosion on the fatigue life of aluminum alloys	Leybold, Herbert A; Hardrath, Herbert F; Moore, Robert L	1-Sep-58	19930085212	NACA-TN-4331

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The longitudinal characteristics at Mach numbers up to 0.92 of a cambered and twisted wing having 40 degrees of sweepback and an aspect ratio of 10	Edwards, George G; Tinling, Bruce E; Ackerman, Arthur C	15-Sep-52	19930087152	NACA-RM-A52F18
The effect on dynamic lateral stability and control of large artificial variations in the rotary stability derivatives	Schade, Robert O; Hassell, James L , Jr	1-Oct-52	19930083446	NACA-TN-2781
Free-convection effects on heat transfer for turbulent flow through a vertical tube	Eckert, E R G; Diaguila, Anthony J; Livingood, John N B	1-Dec-55	19930084391	NACA-TN-3584
Comparative drag measurements at transonic speeds of rectangular and sweptback NACA 65-009 airfoils mounted on a freely falling body	Mathews, Charles W; Thompson, Jim Rogers	1-Oct-49	19930083198	NACA-TN-1969
Performance of a swept leading edge rotor of the supersonic type with mixed flow	Goldstein, Arthur W; Schacht, Ralph L	30-Jan-53	19930087364	NACA-RM-E52K03
A method of quadrature for calculation of the laminar and turbulent boundary layer in case of plane and rotationally symmetrical flow	Truckenbrodt, E	1-May-55	19930093851	NACA-TM-1379
A relaxation procedure for the stress analysis of a continuous beam-column elastically restrained against deflection and rotation at the supports	Hu, Pai C; Libove, Charles	1-Oct-46	19930081834	NACA-TN-1150
Concerning the flow about ring-shaped cowlings Part II : annular bodies of infinite length with circulation for smooth entrance	Kuchemann, Dietrich; Weber, Johanna	1-Nov-51	19930093904	NACA-TM-1326
Skin-friction measurements in incompressible flow	Smith, Donald W; Walker, John H	1-Mar-58	19930085179	NACA-TN-4231
Determination of longitudinal stability of the BELL X-1 airplane from transient responses at Mach numbers up to 1.12 at lift coefficients of 0.3 and 0.6	Angle, Ellwyn, E; Holleman, Euclid C	7-Nov-50	19930086430	NACA-RM-L50I06a
Experimental pressure distribution on a asymmetrical nonconical body at Mach number 1.90	Wyatt, Demarquis D	24-Feb-49	19930085936	NACA-RM-E9B03
Aerodynamic Characteristics at Supersonic Speeds of a Series of Wing-Body Combinations having Cambered Wings with an Aspect Ratio Of 3.5 and d Taper Ratio of 0.2: Effect At M = 1.60 of Nacelle Shape and Position on the Aerodynamic Characteristics in Pitch of Two Wing-Body Combinations with 47 degree Sweptback Wings	Hasel, Lowell E; Sevier, John R , Jr	16-Jan-52	19930087206	NACA-RM-L51K14a
Use of nonlinearities to compensate for the effects of a rate-limited servo on the response of an automatically controlled aircraft	Schmidt, Stanley F; Triplett, William C	1-Jan-55	19930084075	NACA-TN-3387
An experimental evaluation of several design variations of hollow turbine blades for expendable engine application	Morgan, W C; Kemp, R H	23-Feb-55	19930089384	NACA-RM-E54K23
Estimation of the damping in roll of supersonic-leading-edge wing-body combinations	Tucker, Warren A; Piland, Robert O	1-Jul-50	19930082769	NACA-TN-2151
A suggested method of analyzing for transonic flutter of control surfaces based on available experimental evidence	Erickson, Albert L; Stephenson, Jack D	16-Dec-47	19930085716	NACA-RM-A7F30
Effect of spark repetition rate on the ignition limits of a single tubular combustor /Hampton H. Foster	Foster, Hampton H	6-Dec-51	19930086742	NACA-RM-E51J18

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Theory of Self-Excited Mechanical Oscillations of Helicopter Rotors with Hinged Blades	Coleman, Robert P; Feingold, Arnold M	1-Feb-57	19930084623	NACA-TN-3844
Effects of string-support interference on the drag of an olgive-cylinder body with and without a boatail at 0.6 to 1.4 Mach number	Lee, George; Summers, James L	3-Dec-57	19930089881	NACA-RM-A57I09
Lift and moment equations for oscillating airfoils in an infinite unstaggered cascade	Mendelson, Alexander; Carroll, Robert W	1-Oct-54	19930084008	NACA-TN-3263
Investigation of the NACA 4-(5)(08)-03 Two-Blade Propeller at Forward Mach Numbers to 0.925	Delano, James B; Carmel, Melvin M	15-Sep-49	19930085929	NACA-RM-L9G06a
Axial-load fatigue properties of 24S-T and 75S-T aluminum alloy as determined in several laboratories	Grover, H J; Hyler, W S; Kuhn, Paul; Landers, Charles B; Howell, F M	1-May-53	19930083661	NACA-TN-2928
Drop-size distribution for cross current breakup of liquid jets in airstreams	Ingebo, Robert D; Foster, Hampton H	1-Oct-57	19930085138	NACA-TN-4087
Tests of aerodynamically heated multiweb wing structures in a free jet at Mach number 2 : two aluminum-alloy models of 20-inch chord with 0.064-inch-thick skin at angles of attack of 0 degree and plus or minus 2 degrees	Miltonberger, Georgene H; Davidson, John R; Griffith, George E	28-Oct-57	19930089840	NACA-RM-L57H19
Measurements and predictions of flow conditions on a two-dimensional base separating a Mach number 3.36 jet and a Mach number 1.55 outer stream	Coletti, Donald E	7-May-54	19930088182	NACA-RM-L54C08
Gas-to-blade heat-transfer coefficients and turbine heat-rejection rates for a range of one-spool cooled-turbine engine designs	Slone, Henry O; Esgar, Jack B	14-May-56	19930090310	NACA-RM-E56A31
Lift, drag, and longitudinal stability at Mach numbers from 0.8 to 2.1 of a rocket-powered model having a tapered unswept wing of aspect ratio 3 and inline tail surfaces	Gillespie, Warren, Jr	25-Apr-55	19930088627	NACA-RM-L55B10
Effect of strength and ductility on burst characteristics of rotating disks	Holms, Arthur G; Jenkins, Joseph E	1-Jul-48	19930082292	NACA-TN-1667
Laminar separation over a transpiration-cooled surface in compressible flow	Morduchow, Morris	1-Dec-55	19930084255	NACA-TN-3559
Characteristics of four nose inlets as measured at Mach numbers between 1.4 and 2.0.	Brajnikoff, George B; Rogers, Arthur W	25-Jun-51	19930086641	NACA-RM-A51C12
Shear strength at 75 F to 500 F of fourteen adhesives used to bond a glass-fabric-reinforced phenolic resin laminate to steel	Davidson, John R	1-Dec-56	19930084782	NACA-TN-3901
Wind-tunnel data on the longitudinal and lateral-directional rotary derivatives of a straight-wing, research airplane configuration at Mach numbers from 2.5 to 3.5	Beam, Benjamin H; Endicott, Kenneth C	25-Mar-58	19930089856	NACA-RM-A58A14
Experimental study of effect of vaneless-diffuser diameter on diffuser performance	Bradshaw, Guy R; Laskin, Eugene B	1-Oct-48	19930082404	NACA-TN-1713
The use of source-sink and doublet distributions extended to the solution of boundary value problems in supersonic flow	Heaslet, Max A; Lomax, Harvard	1-Jan-48	19930082200	NACA-TN-1515
Effect of variation in rivet strength on the average stress at maximum load for aluminum-alloy, flat, z-stiffened compression panels that fail by local buckling	Dow, Norris F; Hickman, William A; Rosen, B Walter	1-Jun-53	19930084024	NACA-TN-2963

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Transonic flutter characteristics of a cambered A-plan-form wing with and without simulated nacelles	Kelly, H Neale	10-Jun-57	19930089705	NACA-RM-L57E09
Effect of flow incidence and Reynolds number on low-speed aerodynamic characteristics of several noncircular cylinders with applications to directional stability and spinning	Polhamus, Edward C	1-Jan-58	19930085064	NACA-TN-4176
A comparison of gust loads measured in flight on a swept-wing airplane and an unswept-wing airplane	Funk, Jack; Mickleboro, Harry C	29-Jun-53	19930087449	NACA-RM-L52L02
An experimental study at moderate and high subsonic speeds of the flow over an unswept wing in conjunction with a fuselage	Whitcomb, Richard T	18-Jun-51	19930086541	NACA-RM-L50L07
Buffeting of a vertical tail on an inclined body at supersonic Mach numbers	Gowen, Forrest E	24-Mar-53	19930087464	NACA-RM-A53A09
Effect of wing-mounted external stores on the lift and drag of the Douglas D-558-II Research Airplane at transonic speeds	Nugent, Jack	17-Jul-57	19930090294	NACA-RM-H57E15a
Combustion efficiency performance of a MIL-F-5624 type fuel and monomethylnaphthalene in a single vaporizing combustor	Jones, Anthony W; Cook, William P	14-Feb-52	19930087968	NACA-RM-E51K30
Effect of burner design variables on performance of 16-inch diameter ram-jet combustor using gaseous-hydrogen fuel	Krull, H George; Burley, Richard R	18-Jan-57	19930089471	NACA-RM-E56J08
Tests in the Ames 40- by 80-foot wind tunnel of two airplane models having aspect ratio 2 trapezoidal wings of taper ratios 0.33 and 0.20	Franks, Ralph W	16-Feb-53	19930087434	NACA-RM-A52L16
Compilation and review of effects of design parameters on ditching characteristics	Fisher, Lloyd J; Hoffman, Edward L	10-Jul-51	19930086733	NACA-RM-SL51F21
Charts for the analysis of one-dimensional steady compressible flow	Turner, L Richard; Addie, Albert N; Zimmerman, Richard H	1-Jan-48	19930082114	NACA-TN-1419
Calculation of higher approximations for two-dimensional compressible flow by a simplified iteration process	Braun, W H; Klein, M M	1-Oct-51	19930083246	NACA-TN-2511
Effect of leading-edge sweepback on lift, drag, and pitching-moment characteristics of thin wings of aspect ratio 3 and taper ratio 0.4 at subsonic and supersonic speeds	Wetzel, Benton E	18-Nov-55	19930088987	NACA-RM-A55H04a
Dynamic similitude between a model and a full-scale body for model investigation at full-scale Mach number	Neihouse, Anshal I; Pepoon, Philip W	1-Mar-50	19930082736	NACA-TN-2062
Altitude-wind-tunnel investigation of performance characteristics of a J47d prototype (RX1-1) turbojet engine with fixed-area exhaust nozzle	Saari, M J; Wintler, J T	4-Sep-51	19930086756	NACA-RM-E51B06
Static longitudinal and lateral stability characteristics at low speed of 45 degree sweptback-midwing models having wings with an aspect ratio of 2, 4, or 6	Thomas, David F , Jr; Wolhart, Walter D	1-Sep-57	19930085077	NACA-TN-4077
Second order subsonic airfoil-section theory and its practical application	Van Dyke, Milton D	1-Mar-55	19930084089	NACA-TN-3390
Tracking performance of a swept-wing fighter with a director-type radar fire-control system and scope presentation	Turner, Howard L; Rathert, George A , Jr; Heinle, Donovan R	20-Jan-58	19930090036	NACA-RM-A57J01

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An experimental investigation of regions of separated laminar flow	Gault, Donald E	1-Sep-55	19930084162	NACA-TN-3505
Altitude-ignition limit of a turbojet engine using a condenser-discharge ignition system / John C. Armstrong	Armstrong, John C	23-Oct-51	19930086893	NACA-RM-E51F11
Generalization of boundary-layer momentum-integral equations to three-dimensional flows including those of rotating system	Mager, Artur	1-Mar-51	19930083140	NACA-TN-2310
The buckling of parallel simply supported tension and compression members connected by elastic deflectional springs	Seide, Paul; Eppler, John F	1-Feb-49	19930082506	NACA-TN-1823
Effect of interstage bleed on rotating stall and blade vibration in a 13-stage axial-flow compressor in a turbojet engine	Calvert, Howard F; Johnson, D F; Lucas, J G	17-Jan-57	19930089494	NACA-RM-E56I06
Experimental investigation of thrust augmentation of 4000-pound-thrust centrifugal-flow-type turbojet engine by injection of water and alcohol at compressor inlets	Jones, William L; Engelman, Helmuth W	14-May-48	19930085748	NACA-RM-E7J19
Knock-limited performance of fuel blends containing aromatics VI : 10 alkylbenzenes	Drell, I L; Alquist, H E	1-Dec-49	19930082746	NACA-TN-1994
Experimental determination of the range of applicability of the transonic area rule for wings of triangular plan form	Page, William A	1-Dec-56	19930084647	NACA-TN-3872
The effects of boundary-layer control on the longitudinal characteristics of a swept-back wing using suction through streamwise slots in the outboard portion of the wing	Mccormack, Gerald M; Tolhurst, William H , Jr	5-Jan-51	19930086463	NACA-RM-A50K06
Aerodynamic characteristics with fixed and free transition of a modified delta wing in combination with fuselage at high subsonic speeds	Polhamus, Edward C; King, Thomas J , Jr	2-May-50	19930086280	NACA-RM-L50C21
Longitudinal stability and control characteristics of a semispan model of a supersonic airplane configuration at transonic speeds from tests by the NACA wing-flow method	Silsby, Norman S; Mckay, James M	8-Nov-48	19930085512	NACA-RM-L8G30
The effect of bluntness on the drag of spherical-tipped truncated cones of fineness ratio 3 at Mach numbers 1.2 to 7.4	Sommer, Simon C; Stark, James A	25-Apr-52	19930087078	NACA-RM-A52B13
Heat and momentum transfer between a spherical particle and air streams	Tang, Y S; Duncan, J M; Schweyer, H E	1-Mar-53	19930083668	NACA-TN-2867
Three-dimensional, unsteady-lift problems in high-speed flight : basic concepts	Lomax, Harvard; Heaslet, Max A; Fuller, Franklyn B	1-Dec-50	19930083043	NACA-TN-2256
Aerodynamic study of a wing-fuselage combination employing a wing swept back 63 degrees : characteristics for symmetrical wing sections at high subsonic and moderate supersonic Mach numbers	Mas, Newton A	7-Jul-49	19930085970	NACA-RM-A9E09
Flight investigation of the low-speed characteristics of a 35 degree swept-wing airplane equipped with an area-suction ejector flap and various wing leading-edge devices	Anderson, Seth B; Faye, Alan E , Jr	26-Sep-57	19930089768	NACA-RM-A57G10

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Effects of wing warp on the lift, drag, and static longitudinal stability characteristics of an aircraft configuration having an arrow wing of aspect ratio 1.86 at Mach numbers from 1.1 to 1.7	Gillespie, Warren, Jr	30-Aug-57	19930089783	NACA-RM-L57G12
Gust-tunnel investigation of a wing model with semichord line swept back 60 degrees	Pierce, Harold B	1-Oct-50	19930082852	NACA-TN-2204
Charts for estimating tail-rotor contribution to helicopter directional stability and control in low-speed flight	Amer, Kenneth B; Gessow, Alfred	1-May-54	19930083874	NACA-TN-3156
The effect of negative dihedral, tip droop, and wing-tip shape on the low-speed aerodynamic characteristics of a complete model having a 45 degrees sweptback wing	Spearman, M Leroy; Becht, Robert E	6-Dec-48	19930085498	NACA-RM-L8J07
Turbojet-engine thrust augmentation at altitude by combined ammonia injection into the compressor inlet and afterburning	Useller, James W; Fenn, David B; Harp, James L , Jr	12-Feb-53	19930087584	NACA-RM-E52L19
Comparative dispersion data from ground-launched 2.25-inch rockets equipped with cruciform and monoplane fins	Purser, Paul E	1-Nov-55	19930088849	NACA-RM-L55I06
Preview of behavior of grain boundaries in creep of aluminum bicrystals	Rhines, F N; Cochardt, A W	1-Jul-52	19930083534	NACA-TN-2746
Observations on the behavior of some noncircular aluminum alloy sections loaded to failure in torsion	Moore, R L	1-Feb-47	19930081721	NACA-TN-1097
The crystal structure at room temperature of eight forged heat-resisting alloys	Kittel, Howard	1-Jul-46	19930081695	NACA-TN-1102
Preliminary investigation of constant-geometry, variable Mach number, supersonic tunnel with porous walls	Nelson, William J; Klavatt, Paul L	3-May-50	19930086231	NACA-RM-L50B01
Some studies of axisymmetric free jets exhausting from sonic and supersonic nozzles into still air and into supersonic streams	Love, Eugene S; Grigsby, Carl E	10-May-55	19930088559	NACA-RM-L54L31
The effectiveness of a trailing-edge spoiler on a swept-back airfoil at transonic speeds from tests by the NACA wing-flow method	Silsby, Norman S; Daum, Fred L	20-Jan-47	19930085649	NACA-RM-L6K12a
An experimental investigation of the flow phenomena over bodies at high angles of attack at a Mach number of 2.01	Gapcynski, John P	27-Oct-55	19930088834	NACA-RM-L55H29
Some effects of nonlinear variation in the directional-stability and damping-in-yawing derivatives on the lateral stability of an airplane	Sternfield, Leonard	1-Nov-50	19930083128	NACA-TN-2233
Free-spinning and tumbling characteristics of a 1/20-scale model of the Douglas XF4D-1 airplane as determined in the Langley 20-foot free-spinning tunnel.TED No. NACA DE 346	Lee, Henry A	7-Dec-58	19930086486	NACA-RM-SL50K30a
Drop-size distributions for impinging-jet breakup in airstreams simulating the velocity conditions in rocket combustors	Ingebo, Robert D	1-Mar-58	19930085145	NACA-TN-4222
Correlation of analog solutions with experimental sea-level transient data for controlled turbine-propeller engine, including analog results at altitudes	Lazar, James; Derocher, Wilfred L , Jr	24-Aug-51	19930086766	NACA-RM-E51B08

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Effect of transient heating on vibration frequencies of some simple wing structures	Vosteen, Louis F; Mcwithey, Robert R; Thomson, Robert G	1-Jun-57	19930084882	NACA-TN-4054
Experimental investigation of rim cracking in disks subjected to high temperature gradients	Wilterdink, P I	1-Sep-49	19930085901	NACA-RM-E9F16
Development of NACA submerged inlets and a comparison with wing leading-edge inlets for a 1/4-scale model of a fighter airplane	Mossman, Emmet A; Gault, Donald E	7-Aug-47	19930092457	NACA-RM-A7A31
An investigation of the spin, recovery, and tumbling characteristics of a 1/20-scale model of the Northrop X-4 airplane	Gale, Lawrence J; Jones, Ira P , Jr; Wilson, Jack H	4-Jan-50	19930086075	NACA-RM-L9K28
Investigation by the transonic-bump method of a 35 degree sweptback semispan model equipped with a flap operated by a series of servovanes located ahead of and geared to the flap	Phillips, William H; Thompson, Robert F	1-Apr-56	19930084427	NACA-TN-3689
Calculation of internal pressures in the fuel tube of a nuclear reactor	Rosenbaum, B M; Allen, G	1-Jul-52	19930087094	NACA-RM-E52B28
Investigation of downwash and wake characteristics at a Mach number of 1.53 III : swept wings	Perkins, Edward W; Canning, Thomas N	23-Feb-50	19930086186	NACA-RM-A9K02
Investigation of transonic flutter characteristics of a thin 10 degree sweptback wing having an aspect ratio of 4 and a taper ratio of 0.6	Jones, George W , Jr	8-Feb-57	19930089681	NACA-RM-L56L14a
High-pressure blowing over flap and wing leading edge of a thin large-scale 49 degree swept wing-body-tail configuration in combination with a drooped nose and a nose with a radius increase	Fink, Marvin P; Mclemore, H Clyde	28-May-57	19930089847	NACA-RM-L57D23
Matrix and relaxation solutions that determine subsonic through flow in an axial-flow gas turbine	Wu, Chung-Hua	1-Jul-52	19930083550	NACA-TN-2750
A method for estimating variations in the roots of the lateral-stability quartic due to changes in mass and aerodynamic parameters of an airplane	Gates, Ordway B , Jr; Woodling, C H	1-Jan-54	19930083955	NACA-TN-3134
A limited correlation of atmospheric sounding data and turbulence experienced by rocket-powered models	Mason, Homer P; Gardner, William N	1-Apr-57	19930084676	NACA-TN-3953
The design of a miniature solid-propellant rocket	Heitkotter, Robert H	1-Mar-56	19930084361	NACA-TN-3620
Static longitudinal and lateral stability data from an exploratory investigation at Mach number 4.06 of an airplane configuration having a wing of trapezoidal plan form	Dunning, Robert W; Ulmann, Edward F	15-Feb-55	19930088688	NACA-RM-L55A21
JRM-1 landing impact characteristics from model tests	Pierson, J D	1-Feb-46	19930093050	NACA-WR-W-106, NACA-ARR-5L03
Effect of jet temperature on jet-noise generation	Rollin, Vern G	1-Mar-58	19930085130	NACA-TN-4217
Experimental study of the effect of sweepback on transonic aileron flutter	Levy, Lionel L , Jr; Knechtel, Earl D	10-Sep-51	19930086668	NACA-RM-A51E04
A comparison of the aerodynamic characteristics at transonic speeds of four wing-fuselage configurations as determined from different test techniques	Donlan, Charles J; Myers, Boyd C , II; Mattson, Axel T	4-Oct-50	19930086342	NACA-RM-L50H02
Pressure-distribution data for the NACA 64(sub 1)-012 and 64(sub 1) A012 airfoils at high subsonic Mach numbers	Humphreys, Milton D	6-May-49	19930085917	NACA-RM-L9C18

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Present state of development in nonsteady motion of a lifting surface	Cicala, Placido	1-Oct-51	19930093948	NACA-TM-1277
An analysis of airspeeds and Mach numbers attained by Lockheed Constellation airplanes in transcontinental operations during the early summer of 1946	Steiner, Roy	10-Oct-47	19930085634	NACA-RM-L7C06
Transonic free-flight investigation of the total drag and of the component drags (cowl pressure, additive, base, friction, and internal) encountered by a 16-inch-diameter ram-jet engine for Mach numbers from 0.80 to 1.43	Messing, Wesley E; Rabb, Leonard	13-Aug-52	19930087635	NACA-RM-E52F02
Aerodynamic interference of slender wing-tail combinations	Sacks, Alvin H	1-Jan-57	19930084460	NACA-TN-3725
Free-flight measurements of the rolling effectiveness and operating characteristics of a bellows-actuated split-flap aileron on a 60 degree delta wing at Mach numbers between 0.8 and 1.8	Schult, Eugene D	18-Oct-54	19930088315	NACA-RM-L54H17
Elevated-temperature combined stress-rupture plus fatigue strength of Waspaloy having different aging treatments and/or molybdenum contents	Hoffman, C A; Hornak, M B	25-Feb-58	19930090017	NACA-RM-E57K22a
A photographic method for determining vertical velocities of aircraft immediately prior to landing	Rind, Emanuel	1-Jan-54	19930083699	NACA-TN-3050
A fundamental study of the mechanism by which hydrogen enters metals during chemical and electrochemical processing	Mcgraw, L D; Snavely, C A; Moore, H L; Woodberry, P T; Faust, C L	1-Apr-52	19930084005	NACA-TN-2696
Investigations of a 1/22-scale model of the Republic F-105 airplane in the Langley 8-foot transonic tunnel : lateral, directional, and additional longitudinal static stability and control	Luoma, Arvo A	23-Aug-57	19930089837	NACA-RM-SL57H06
Shearing-stress measurements by use of a heated element	Liepmann, H W; Skinner, G T	1-Nov-54	19930084021	NACA-TN-3268
Design and test of mixed-flow impellers VIII : comparison of experimental results for three impellers with shroud redesigned by rapid approximate method	Osborn, Walter M; Smith, Kenneth J; Hamrick, Joseph T	27-Feb-57	19930090291	NACA-RM-E56L07
Method of experimentally determining radial distributions of velocity through axial-flow compressor	Finger, Harold B	1-Apr-50	19930082733	NACA-TN-2059
Pressure recovery, drag, and subcritical stability characteristics of three conical supersonic diffusers at stream Mach numbers from 1.7 to 2.0	Nussdorfer, Theodore J; Obery, Leonard J; Englert, Gerald W	27-Feb-52	19930086890	NACA-RM-E51H27
Stability and Control Data Obtained from Fourth and Fifth Flights of the Northrop X-4 Airplane (A.F. No. 46-676)	Valentine, George M	4-Aug-49	19930085967	NACA-RM-L9G25a
Some new drag data on the NACA RM-10 missile and a correlation of the existing drag measurements at M = 1.6 and 3.0	Carros, Robert J; James, Carlton S	1-Jun-54	19930083871	NACA-TN-3171
Analysis for control application of dynamic characteristics of turbojet engine with tail-pipe burning	Feder, Melvin S; Hood, Richard	1-Sep-50	19930083125	NACA-TN-2183
Static-thrust measurements of the aerodynamic loading on a helicopter rotor blade	Rabbott, John P , Jr	1-Jul-56	19930084424	NACA-TN-3688

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Effects of horizontal-tail position and a wing leading-edge modification consisting of a full-span flap and a partial-span chord-extension on the aerodynamic characteristics in pitch at high subsonic speeds of a model with a 45 degree sweptback wing	Morrison, William D , Jr; Alford, William J , Jr	1-Jun-57	19930084673	NACA-TN-3952
Shape of initial portion of boundary of supersonic axisymmetric free jets at large jet pressure ratios	Love, Eugene S; Lee, Louise P	1-Jan-58	19930085025	NACA-TN-4195
Effects of fixing boundary-layer transition for an unswept-wing model and an evaluation of porous tunnel-wall interference for Mach numbers from 0.60 to 1.40	Stivers, Louis S , Jr; Lippmann, Garth W	1-Apr-58	19930085173	NACA-TN-4228
An analysis of supersonic aerodynamic heating with continuous fluid injection	Klunker, E Bernard; Ivey, H Reese	1-Dec-49	19930082730	NACA-TN-1987
Investigation of the planing lift of a flat plate at speeds up to 170 feet per second	Christopher, Kenneth W	1-Mar-57	19930084670	NACA-TN-3951
Aerodynamic characteristics of a leading-edge slat on a 35 degree swept-back wing for Mach numbers from 0.30 to 0.88	Kelly, John A; Hayter, Nora-Lee F	21-Dec-51	19930086877	NACA-RM-A51H23
The effects of tip-mounted jet nacelles on the transonic characteristics of low-aspect-ratio wings	Coe, Charles F	23-Dec-52	19930087520	NACA-RM-A52J21
Measurements of the chordwise pressure distributions over the wing of the XS-1 research airplane in flight	Beeler, De E; Mclaughlin, Milton D; Clift, Dorothy C	4-Aug-48	19930085462	NACA-RM-L8G21
Notes on geared tabs at supersonic speeds	Tucker, Warren A	8-Jul-48	19930085835	NACA-RM-L7L04
A study of slip formation in polycrystalline aluminum	Johnson, Aldie E , Jr; Batdorf, S B	1-Dec-51	19930083333	NACA-TN-2576
Factors that affect operational reliability of turbojet engines		31-Jan-56	19930088960	NACA-RM-E55H02
The asymmetric adjustable supersonic nozzle for wind-tunnel application	Allen, H Julian	1-Mar-53	19930083633	NACA-TN-2919
Wake studies of eight model propellers	Reid, Elliott G	1-Jul-46	19930082029	NACA-TN-1040
Estimation of control forces of spring-tab ailerons from wind-tunnel data	Deters, Owen J	1-Jun-47	19930081959	NACA-TN-1333
Instrumentation of the Ames supersonic free-flight wind tunnel	Briggs, Robert O; Kerwin, William J; Schmidt, Stanley F	24-Apr-52	19930086880	NACA-RM-A52A18
Effect of automatic stabilization on the lateral oscillatory stability of a hypothetical airplane at supersonic speeds	Sternfield, Leonard	1-Mar-49	19930082492	NACA-TN-1818
Evaluation of liquefied hydrocarbon gases as turbojet fuels	Hibbard, Robert R	28-Dec-56	19930089433	NACA-RM-E56I21
Reactions with steel of compounds containing chemical groups used in lubricant additives	Powell, Allen S	1-Jan-47	19930081885	NACA-TN-1207
Ignition-delay characteristics in modified open-cup apparatus of several fuels with nitric acid oxidants within temperature range 70 to 105 degrees F	Miller, Riley O	20-Dec-51	19930087069	NACA-RM-E51J11
Heat transfer from a hemisphere-cylinder equipped with flow-separation spikes	Stalder, Jackson R; Nielsen, Helmer V	1-Sep-54	19930083996	NACA-TN-3287
Low-speed investigation of deflectable wing-tip ailerons on an untapered 45 degrees sweptback semispan wing with and without an end plate	Fischel, Jack; Watson, James M	14-Dec-49	19930086151	NACA-RM-L9J28

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Experimental determination of the effect of negative dihedral on lateral stability and control characteristics at high lift coefficients	Mckinney, Marion O , Jr	1-Jan-46	19930092558	NACA-WR-L-54, NACA-ARR-L5J02
Nonuniformities in shock-tube flow due to unsteady-boundary-layer action	Mirels, Harold; Braun, W H	1-May-57	19930085218	NACA-TN-4021
Investigation of the Aileron and tab of a spring-tab lateral-control system in the Langley 19-foot pressure tunnel	Deters, Owen J; Russell, Robert T	1-Sep-47	19930082456	NACA-TN-1431
Some effects of solidity on turning through constant-thickness circular-arc guide vanes in axial annular flow	Mankuta, Harry; Guentert, Donald C	24-Aug-51	19930086676	NACA-RM-E51E07
Several combination probes for surveying static and total pressure and flow direction	Schulze, William M; Ashby, George C , Jr; Erwin, John R	1-Nov-52	19930083500	NACA-TN-2830
A method for calculating the aerodynamic loading on wing-tip-tank combinations in subsonic flow	Robinson, Samuel W , Jr; Zlotnick, Martin	7-Apr-53	19930087523	NACA-RM-L53B18
Downwash, sidewash, and wake surveys behind a 42 degrees sweptback wing at a Reynolds number of 6.8 x 10(exp 6) with and without a simulated ground	Furlong, Chester G; Bollech, Thomas V	13-Dec-48	19930085465	NACA-RM-L8G22
Chemical and physical factors affecting combustion in fuel - nitric acid systems	Baker, Louis, Jr	28-Jul-58	19930090132	NACA-RM-E58D03
Pressure distributions on bodies of revolution at subsonic and transonic speeds	Cole, Richard I	21-Jul-52	19930087003	NACA-RM-L52D30
Investigation of interference lift, drag, and pitching moment of a series of triangular-wing and body combinations at a Mach number of 1.94	Coletti, Donald E	21-Dec-55	19930088896	NACA-RM-L55I14
A flight comparison of a submerged inlet and a scoop inlet at transonic speeds	Rolls, L Stewart	19-Mar-53	19930087457	NACA-RM-A53A06
Turbine design considerations for turbine-propeller engine operating over a range of flight conditions	Davison, Elmer H	26-Jun-53	19930087568	NACA-RM-E53D16
Some recent research on the handling qualities of airplanes	Williams, Walter C; Phillips, William H	21-Feb-56	19930090200	NACA-RM-H55L29a
Two-dimensional wind-tunnel investigation of two NACA 7-series type airfoils equipped with a slot-lip aileron, trailing-edge frise aileron, and a double slotted flap	Braslow, Albert L; Visconti, Fioravante	28-Mar-49	19930085838	NACA-RM-L9B23
Theoretical characteristics of two-dimensional supersonic control surfaces	Morrisette, Robert R; Oborny, Lester F	1-Oct-51	19930083051	NACA-TN-2486
Free-flight investigation at transonic speeds of the power-on characteristics including some effects of sonic propulsive jets of a four-engine delta-wing configuration	Judd, Joseph H; Falanga, Ralph A	16-Aug-57	19930089730	NACA-RM-L57E31
Investigation of a systematic group of NACA 1-series cowling with and without spinners	Nichols, Mark R; Keith, Arvid L , Jr	5-May-48	19930085342	NACA-RM-L8A15
Secondary stresses in thin-walled beams with closed cross sections	Benscoter, Stanley Urner	1-Oct-51	19930083336	NACA-TN-2529
Low-speed static-stability and rolling characteristics of low-aspect-ratio wings of triangular and modified triangular plan forms	Jaquet, Byron M; Brewer, Jack D	29-Mar-49	19930085542	NACA-RM-L8L29
A flight evaluation of a wing-shroud-blowing boundary-layer control system applied to the flaps of an F9F-4 airplane	Rolls, L Stewart; Innis, Robert C	14-Feb-56	19930088963	NACA-RM-A55K01

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Collection of zero-lift drag data on bodies of revolution from free-flight investigations	Stoney, William E , Jr	1-Jan-58	19930085053	NACA-TN-4201
A comparison of typical National Gas Turbine Establishment and NACA axial-flow compressor blade sections in cascade at low speed	Felix, A Richard; Emery, James C	1-Mar-57	19930084979	NACA-TN-3937
The effect of conical camber on the static longitudinal, lateral, and directional characteristics of a 45-degree sweptback wing at Mach numbers up to 0.96	Sammonds, Robert I; Reynolds, Robert M	3-Jul-56	19930090338	NACA-RM-A56D02
Preliminary investigation of propane combustion in a 3-inch-diameter duct of inlet-air temperatures of 1400 to 1600 F	Lezberg, Erwin A	1-Jul-57	19930085257	NACA-TN-4028
Charts for determining the characteristics of sharp-nose airfoils in two-dimensional flow at supersonic speeds	Ivey, H Reese; Stickle, George W; Schuettler, Alberta	1-Jan-47	19930081797	NACA-TN-1143
Aerodynamic investigation at Mach number 1.92 of a rectangular wing and tail and body configuration and it's components	Ellis, Macon C , Jr; Grigsby, Carl E	1-Mar-50	19930086350	NACA-RM-L9L28a
Method of determining conditions of maximum efficiency of an independent turbine-propeller combination	Heidmann, Marcus F	1-Sep-49	19930082628	NACA-TN-1951
Altitude-wind-tunnel investigation of thrust augmentation of a turbojet engine II : performance with water injection at compressor inlet	Dietz, Robert O; Fleming, William A	19-May-47	19930085659	NACA-RM-E7C12
Analysis of coolant-flow requirements for an improved, internal-strut-supported, air-cooled turbine-rotor blade	Schramm, Wilson B; Nachtigall, Alfred J	14-Feb-52	19930086933	NACA-RM-E51L13
Flight investigation of loads on a bubble-type canopy	Huston, Wilber B; Matheny, Cloyce E	29-Oct-48	19930085370	NACA-RM-L8C30
Flame propagation limits of propane and n-pentane in oxides of nitrogen	Miller, Riley O	1-Aug-55	19930084269	NACA-TN-3520
The effects of Mach number and Reynolds number on the aerodynamic characteristics of several 12-percent-thick wings having 35 degrees of sweepback and various amounts of camber	Tinling, Bruce E; Kolk, W Richard	23-Feb-51	19930086568	NACA-RM-A50K27
Influence of structure on properties of sintered chromium carbide	Hamjian, H J; Lidman, W G	1-Jun-52	19930083381	NACA-TN-2731
Extended applications of the hot-wire anemometer	Corrsin, Stanley	1-Apr-49	19930082536	NACA-TN-1864
Effects of external fuel tanks and bombs on critical speeds of aircraft	Finn, Robert S	1-Feb-46	19930092709	NACA-WR-L-726, NACA-CB-L5H27
Comparison of operating characteristics of four experimental and two conventional 75-millimeter-bore cylindrical-roller bearings at high speeds	Anderson, William J; Macks, E Fred; Nemeth, Zolton N	1-Sep-53	19930083636	NACA-TN-3001
An investigation of the high-temperature properties of chromium-base alloys at 1350 F	Freeman, J W; White, A E; Reynolds, E E	1-May-47	19930082032	NACA-TN-1314
A wind-tunnel investigation of the first-order vibratory stresses on a full-scale supersonic-type propeller operating in an asymmetric air flow	O'NEAL ROBERT L; Heath, Atwood R	2-Nov-54	19930088130	NACA-RM-L54B17a
Low speed yawed-rolling and some other elastic characteristics of two 56-inch-diameter, 24-ply-rating aircraft tires	Horne, Walter B; Stephenson, Bertrand H; Smiley, Robert F	1-Aug-54	19930084224	NACA-TN-3235

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Rocket-powered model investigation of lift, drag, and stability of a body-tail configuration at Mach numbers from 0.8 to 2.3 and angles of attack between plus or minus 6.5 degrees	Gillespie, Warren, Jr; Dietz, Albert E	15-Apr-54	19930088170	NACA-RM-L54C04
Effect of several wing modifications on the low-speed stalling characteristics of the Douglas D-558-II research airplane	Fischel, Jack; Reisert, Donald	18-Jul-55	19930088809	NACA-RM-H55E31a
Transonic flutter investigation of a cantilevered, aspect-ratio-4, 45 degree sweptback, untapered wing with three different pylon-mounted external store configurations	Ruhlin, Charle L; Bowwinkle, Robert W , Jr	5-Jul-57	19930089743	NACA-RM-L57E23
Effects of a Fuselage on the Aerodynamic Characteristics of a 42 Degree Sweptback Wing at Reynolds Numbers to 8,000,000	Salmi, Reino J.; Conner, D. William; Graham, Robert R.	10-Jun-47	19930090346	NACA-RM-L7E13
Investigation of the aerodynamic and icing characteristics of a recessed fuel cell vent assembly III : NACA flush-inlet-type vent	Ruggeri, Robert S	23-Apr-48	19930085428	NACA-RM-E8C05
The preparation and physical properties of several aliphatic hydrocarbons and intermediates	Howard, Frank L; Mears, Thomas W; Fookson, A; Pomerantz, Philip; Brooks, Donald B	1-May-47	19930081962	NACA-TN-1247
Effect of horizontal tail on low-speed static lateral stability characteristics of a model having 45 degree sweptback wing and tail surfaces	Brewer, Jack D; Lichtenstein, Jacob H	1-Jan-50	19930082672	NACA-TN-2010
Method and tables for determining the time response to a unit impulse from frequency-response data and for determining the fourier transform of a function of time	Huss, Carl R; Donegan, James J	1-Jan-56	19930084434	NACA-TN-3598
The interrelated effects of engine rotor momentum and flight regime on the dynamic stability of high-performance aircraft	North, Warren J	17-Apr-57	19930089555	NACA-RM-E57B05
The effects of friction in the control system on the handling qualities of a C-54D airplane	Talmage, Donald B; Reeder, John P	8-Nov-48	19930085526	NACA-RM-L8G30a
Free-Spinning-Tunnel tests of a 1/26th scale model of the Douglas XTB2D-1 airplane	Stone, Ralph W; Berman, Theodore	5-Dec-46	19930093799	NACA-RM-L6K18
Review of the maximum-lift characteristics of thin and swept wings	Lowry, John G; Cahill, Jones F	5-Jun-51	19930090536	NACA-RM-L51E03
Theoretical performance of JP-4 fuel and liquid oxygen as a rocket propellant I : frozen composition	Huff, Vearl N; Fortini, Anthony	17-Apr-56	19930089243	NACA-RM-E56A27
Aerodynamic loading characteristics in sideslip of a 45 degree sweptback wing with and without a fence at high subsonic speeds	Kuhn, Richard E; Byrnes, Andrew L , Jr	28-Jan-55	19930088390	NACA-RM-L54K15
A theoretical study of the effect of forward speed on the free-space sound-pressure field around propellers	Garrick, I E; Watkins, C E	1-Oct-53	19930083761	NACA-TN-3018
Effect of blade-surface finish on performance of a single-stage axial-flow compressor	Moses, Jason J; Serovy, George, K	16-Apr-51	19930086631	NACA-RM-E51C09
Some considerations of the influence of body cross-sectional shape on the lifting efficiency of wing-body combinations at supersonic speeds	Klunker, E B; Harder, Keith C	19-Oct-56	19930089466	NACA-RM-L56H30

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Sintering mechanism between zirconium carbide and columbium	Hamjian, H J; Lidman, William G	1-Oct-50	19930082847	NACA-TN-2198
Characteristics of flap-type spoiler ailerons at various locations on a 60 degree delta wing with a double slotted flap	Croom, Delwin R	18-Dec-52	19930087579	NACA-RM-L52J24
:A Free-flight investigation at high subsonic and low supersonic speeds of the rolling effectiveness and drag of three spoiler controls having potentially low actuating-force requirements	Schult, Eugene D	20-Sep-55	19930088844	NACA-RM-L55G11a
Some calculations of the lateral response of two airplanes to atmospheric turbulence with relation to the lateral snaking problem	Bird, John D	1-May-55	19930084264	NACA-TN-3425
Investigation of axial-flow fan and compressor rotors designed for three-dimensional flow	Kahane, A	1-Jul-48	19930082269	NACA-TN-1652
A theoretical study of the lifting efficiency at supersonic speeds of wings utilizing indirect lift induced by vertical surfaces	Rossow, Vernon J	26-Mar-56	19930089074	NACA-RM-A55L08
Fatigue strengths of aircraft materials : axial-load fatigue tests on notched sheet specimens of 24S-T3 and 75S-T6 aluminum alloys and of SAE 4130 steel with stress-concentration factor of 5.0	Grover, H J; Bishop, S M; Jackson, L R	1-Jun-51	19930083075	NACA-TN-2390
Experimental investigation of a two-dimensional split-wing ram-jet inlet at Mach number of 3.85	Connors, James F; Woollett, Richard R	11-Aug-52	19930087235	NACA-RM-E52F04
A preliminary gust-tunnel investigation of leading-edge separation on swept wings	Cahen, George L	6-Jun-52	19930087139	NACA-RM-L52C20
Transonic wind-tunnel investigation of the low-lift aerodynamic characteristics, including the effects of leading edge droop and thickness, of a thin trapezoidal wing in combination with basic and indented bodies	Kelly, Thomas C	16-Oct-57	19930089814	NACA-RM-L57I04
The effects of compressibility on the lift, pressure, and load characteristics of a tapered wing of NACA 66-series airfoil sections	Cooper, Morton; Korycinski, Peter F	1-Oct-48	19930082338	NACA-TN-1697
Influence of fuselage-mounted rocket boosters on flow field at inlet and on diffuser performance of strut-mounted engine at Mach numbers of 1.8 and 2.0	Wise, George A; Obery, Leonard J	29-Oct-52	19930087265	NACA-RM-E52I02
Response of a helicopter rotor to oscillatory pitch and throttle movements	Carpenter, Paul J; Peitzer, Herbert E	1-Jun-49	19930082565	NACA-TN-1888
Theoretical Calculations of Supersonic Wave Drag at Zero Lift for a Particular Store Arrangement	Margolis, Kenneth; Malvestuto, Frank S , Jr; Maxie, Peter J , Jr	1-Jan-58	19930084830	NACA-TN-4120
Altitude-wind-tunnel investigation of operational characteristics of J47 turbojet engine	Bloomer, Harry E	3-Aug-50	19930085978	NACA-RM-E9I26
Effects of compressibility on the flow past thick airfoil sections	Daley, Bernard N; Humphreys, Milton D	1-Jul-48	19930082274	NACA-TN-1657
Analysis of parameters for thrust control of a turbojet engine equipped with air-inlet throttle and variable-area exhaust nozzle	Boksenbom, Aaron S; Feder, Melvin S	10-Aug-48	19930085354	NACA-RM-E8B27
Performance of five low-temperature-ratio ram-jet combustors over range of simulated altitudes	Wentworth, Carl B	1-Nov-54	19930089336	NACA-RM-E54H13

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An application of statistical data in the development of gust-load criterions	Bland, Reginald B; Reisert, T D	1-Apr-47	19930082182	NACA-TN-1268
Correspondence flows for wings in linearized potential fields at subsonic and supersonic speeds	Harmon, Sidney M	1-Mar-51	19930082964	NACA-TN-2303
Small-scale transonic investigation of the effects of twist and camber on the aerodynamic characteristics of a 60 degrees 42' sweptback wing of aspect ratio 1.94	Spreemann, Kenneth P; Alford, William J , Jr	10-Jan-52	19930086883	NACA-RM-L51I21
Optimum lifting bodies at high supersonic airspeeds	Rosnikoff, Meyer M	7-May-54	19930088238	NACA-RM-A54B15
Free-flight longitudinal-stability investigation including some effects of wing elasticity from Mach numbers of 0.85 to 1.34 of a tailless missile configuration having a 45 degree sweptback wing of aspect ratio 5.5	Arbic, Richard G; Gillespie, Warren, Jr	10-Aug-53	19930087720	NACA-RM-L53F18
Wind-tunnel investigation of the behavior of parachutes in close proximity to one another	Scher, Stanley H	13-Aug-53	19930089128	NACA-RM-L53G07
The rolling moment due to sideslip of swept wings at subsonic and transonic speeds	Polhamus, Edward C; Sleeman, William C , Jr	8-Mar-55	19930088609	NACA-RM-L54L01
Investigation of a supersonic-compressor rotor with turning to axial direction II : rotor component off-design and stage performance	Tysl, Edward R; Hartmann, Melvin J	12-Mar-54	19930088052	NACA-RM-E53L24
Relationship of flow over a 45 degree sweptback wing with and without leading-edge chord-extensions to longitudinal stability characteristics at Mach numbers from 0.60 to 1.03	West, F E , Jr; Henderson, James H	21-Oct-53	19930087732	NACA-RM-L53H18b
Preliminary investigation of the control of a gas-turbine engine for a helicopter / Richard P. Krebs	Krebs, Richard P	11-Sep-51	19930086715	NACA-RM-E51F19
Explosion and combustion properties of alkylsilanes I : temperature-composition limits of explosion for methyl-,dimethyl-,trimethyl-,tetramethyl-,and vinylsilane at atmospheric pressure	Schalla, Rose L; Mcdonald, Glen E	5-Feb-54	19930087991	NACA-RM-E53L01
The origin and distribution of supersonic interference from measurement of individual forces on several wing-fuselage-store configurations VI : swept-wing heavy-bomber configuration with stores of different sizes and shapes	Smith, Norman F	8-Mar-56	19930089079	NACA-RM-L55L08
The 1350 F stress-rupture properties of two wrought alloys and three cast alloys	Reynolds, E E; Freeman, J W; White, A E	1-Nov-47	19930082016	NACA-TN-1380
A radar method of calibrating airspeed installations on airplanes in maneuvers at high altitudes and at transonic and supersonic speeds	Zalovcik, John A	1-Nov-49	19930082718	NACA-TN-1979
Tests of the NACA 64(SUB 1)A212 airfoil section with a slat, a double slotted flap, and boundary-layer control by suction	Quinn, John H	1-May-47	19930081912	NACA-TN-1293
Determination of coupled and uncoupled modes and frequencies of natural vibration of swept and unswept wings from uniform cantilever modes	Anderson, Roger A; Houbolt, John C	1-Nov-48	19930082373	NACA-TN-1747
A summary of design information for water-cooled turbines	Freche, John C	9-Mar-51	19930086523	NACA-RM-E51A03
Ambient pressure determination at high altitudes by use of free-molecule theory	Wiener, Bernard	1-Mar-49	19930082495	NACA-TN-1821

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Compressibility effects on the longitudinal stability and control of a pursuit-type airplane as measured in flight	Clousing, Lawrence A	1-Jan-46	19930092569	NACA-WR-A-60, NACA-ACR-5113
Heat-transfer and pressure distribution on six blunt noses at a Mach number of 2	Carter, Howard S; Bressette, Walter E	18-Apr-57	19930089669	NACA-RM-L57C18
Low-speed measurements of tail contribution to rolling stability derivatives and air-flow angularity at the tail for an x-tail model in steady roll including some effects of wing-tip stores	Riley, Donald R	23-Nov-56	19930089436	NACA-RM-L56I21
Damping-in-roll characteristics of a 42.7 degree sweptback wing as determined from a wind-tunnel investigation of a twisted semispan wing	Lockwood, Vernard E	8-Aug-49	19930085893	NACA-RM-L9F15
Effect of certain combinations of wall contouring and design exit velocity distribution on prediction of turbine-nozzle mass flow	Whitney, Warren J; Stewart, Warner L; Heaton, Thomas R	10-Jul-53	19930087708	NACA-RM-E53E14
An investigation of a thermal ice-prevention system for a cargo airplane VIII : metallurgical examination of the wing leading-edge structure after 225 hours of flight operation of the thermal system	Harris, Maxwell; Schlaff, Bernard A	1-Apr-47	19930081888	NACA-TN-1235
Loads associated with spoilers at supersonic speeds	Lord, Douglas, R; Czarnecki, K R	14-Jun-55	19930088820	NACA-RM-L55E12a
Comparison of low-speed rotor and cascade performance for medium-camber NACA 65-(C(sub lo)A(sub 10) 10 compressor-blade sections over a wide range of rotor blade-setting angles at solidities. of 1.0 and 0.5	Ashby, George C , Jr	27-Dec-54	19930090512	NACA-RM-L54I13
Preliminary investigation of the delay of turbulent flow separation by means of wedge-shaped bodies	Mccullough, George B; Nitzberg, Gerald E; Kelly, John A	1-Mar-51	19930086472	NACA-RM-A50L12
Effect of fuel additives on carbon deposition in a J33 single combustor II : seven commercial organo-metallic additives	Hlavin, Vincent F; Cook, William P	1-Nov-54	19930088348	NACA-RM-E54H23
Investigation at Mach number 1.91 of side and base pressure distributions over conical boattails without and with jet flow issuing from base	Cortright, Edgar M , Jr; Schroeder, Albert H	12-Sep-51	19930086724	NACA-RM-E51F26
An evaluation of turbojet engine thrust control by exhaust-nozzle-area modulation and compressor-inlet throttling	Harp, James L , Jr; Velie, Wallaace W; Mallett, William	2-Aug-54	19930088282	NACA-RM-E54F21
Noise survey of a full-scale supersonic turbine-driven propeller under static conditions	Kurbjun, Max C	1-Jul-57	19930084919	NACA-TN-4059
Effects of compressibility on rotor hovering performance and synthesized blade-section characteristics derived from measured rotor performance of blades having NACA 0015 airfoil tip sections	Shivers, James P; Carpenter, Paul J	1-Sep-58	19930085265	NACA-TN-4356
Estimation of the damping in roll of wings through the normal flight range of lift coefficient	Goodman, Alex; Adair, Glenn H	1-Jul-49	19930082602	NACA-TN-1924
On the spectrum of isotropic turbulence	Liepmann, H W; Laufer, J; Liepmann, Kate	1-Nov-51	19930083180	NACA-TN-2473
Preliminary transonic flutter investigation of models of T-tail of Blackburn NA-39 airplane	Jones, George W , Jr; Boswinkle, Robert W , Jr	15-Apr-58	19930090113	NACA-RM-SL58D10

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Effects of subsonic Mach number on the forces and pressure distributions on four NACA 64A-series airfoil sections at angles of attack as high as 28 degrees	Stivers, Louis S , Jr	1-Mar-54	19930083884	NACA-TN-3162
Investigation of a supersonic-inlet - turbojet-engine combination at Mach 2.0 and angles of attack up to 6 degrees	Hearth, Donald P; Musial, Norman T	1-Jul-57	19930089754	NACA-RM-E57D18
Preliminary flight survey of fuselage and boundary-layer sound-pressure levels	Mcleod, Norman J; Jordan, Gareth H	13-May-58	19930089987	NACA-RM-H58B11
Performance characteristics of cylindrical target-type thrust reversers	Steffen, Fred W; Mcardle, Jack G	11-Jan-56	19930088944	NACA-RM-E55I29
Analysis of deep rectangular shear web above buckling load	Levy, Samuel; Woolley, Ruth M; Corrick, Josephine N	1-Mar-46	19930081778	NACA-TN-1009
Characteristics of flow about axially symmetric isentropic spikes for nose inlets at Mach number 3.85	Connors, James F; Wollett, Richard R	19-Aug-54	19930088210	NACA-RM-E54F08
An investigation of the spray characteristics of a jet-powered dynamic model of the drag flying boat with a vee tail : TED No. NACA DE 328	Carter, Arthur W	28-Feb-51	19930086549	NACA-RM-SL51B21
Migration of cobalt during firing of ground-coat enamels on iron	Harrison, William N; Richmond, Joseph C; Pitts, Joseph W; Benner, Stanley G	1-Jun-52	19930083999	NACA-TN-2695
Flow separation ahead of a blunt axially symmetric body at Mach numbers 1.76 to 2.10	Moeckel, W E	12-Dec-51	19930086871	NACA-RM-E51I25
Experimental studies of the knock-limited blending characteristics of aviation fuels II : investigation of leaded paraffinic fuels in an air-cooled cylinder	Wear, Jerrold D; Sanders, Newell D	1-Jul-47	19930082010	NACA-TN-1374
Forced-convection heat transfer to water at high pressures and temperatures in the nonboiling region	Kaufman, S J; Henderson, R W	29-Nov-51	19930086861	NACA-RM-E51I18
Stresses around rectangular cut-outs with reinforced coaming stringers	Kuhn, Paul; Rafel, Norman; Griffith, George E	1-Jan-47	19930081940	NACA-TN-1176
Flight investigations at low supersonic speeds to determine the effectiveness of cones and a wedge in reducing the drag of round-nose bodies and airfoils	Alexander, Sidney R	3-Mar-49	19930085583	NACA-RM-L8L07a
Investigation of combustion in 16-inch ram jet under simulated conditions of high altitude and high Mach number	Nussdorfer, T J; Sederstrom, D C; Perchonok, E	27-Jun-57	19930086154	NACA-RM-E50D04
An experimental study of water-pressure distributions during landings and planing of a heavily loaded rectangular flat-plate model	Smiley, Robert F	1-Sep-51	19930087878	NACA-TN-2453
A study of flame-holder elements for use in high-velocity afterburners	Conrad, Earl William; Velie, Wallance W; Schulze, Frederick W	23-Feb-55	19930088422	NACA-RM-E54J01
Friction at high sliding velocities of oxide films on steel surfaces boundary-lubricated with stearic-acid solutions	Johnson, Robert L; Peterson, Marshall B; Swikert, Max A	1-May-51	19930083080	NACA-TN-2366
The calculated and experimental incremental loads and moments produced by split flaps of various spans and spanwise locations on a 45 degrees sweptback wing of aspect ratio 8	Kelly, H Neale	4-Sep-53	19930087616	NACA-RM-L53F12
Aerodynamic characteristics of three deep-step planing-tail flying-boat hulls	Riebe, John M; Naeseth, Rodger L	22-Oct-48	19930085605	NACA-RM-L8I27
Lag in pressure systems at extremely low pressures	Davis, William T	1-Sep-58	19930085221	NACA-TN-4334

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Starting of rocket engine at conditions of simulated altitude using crude monoethylaniline and other fuels with mixed acid	Ladanyi, Dezso J; Sloop, John L; Humphrey, Jack C; Morrell, Gerald	19-Jul-50	19930086303	NACA-RM-E50D20
Two dimensional wind-tunnel investigation of low drag vertical-tail, horizontal-tail, and wing sections equipped with sealed internally balanced control surfaces	Braslow, Albert L	1-Apr-46	19930090608	NACA-TN-1048
Further comparisons of theoretical and experimental lift and pressure distributions on airfoils in cascade at low-subsonic speed	Katzoff, Samuel; Hannah, Margery E	1-Aug-51	19930083109	NACA-TN-2391
Analysis of effect of variations in primary variables on time constant and turbine-inlet-temperature overshoot of turbojet engine	Heidmann, Marcus F	1-Sep-50	19930082833	NACA-TN-2182
Analog study of interacting and noninteracting multiple-loop control systems for turbojet engines	Pack, George J; Phillips, W E , Jr	1-Mar-54	19930083855	NACA-TN-3112
Recommendations for numerical solution of reinforced-panel and fuselage-ring problems	Hoff, N J; Libby, Paul A	1-Dec-48	19930082459	NACA-TN-1786
Flight Measurements to Determine Effect of a Spring-Loaded Tab on Longitudinal Stability of an Airplane	Hunter, Paul A.; Reeder, John P.	1-Feb-46	19930092531	NACA-WR-L-210, NACA-ARR-L5I20
Investigation of equilibrium temperatures and average laminar heat-transfer coefficients for the front half of swept circular cylinders at a Mach number of 6.9	Feller, William V	18-Aug-55	19930088782	NACA-RM-L55F08a
Preliminary evaluation of the air and fuel specific-impulse characteristics of several potential ram-jet fuels III : diborane, pentaborane, boron, and boron - octene-1 slurries	Gammon, Benson E	9-Jul-51	19930086679	NACA-RM-E51D25
A method for the design of porous-wall wind tunnels	Stokes, George M	20-Jan-56	19930089036	NACA-RM-L55J13a
Comparison of various heat exchangers for liquid-metal nuclear turbojet over range of flight and operating conditions	Ragsdale, Robert G	28-Apr-58	19930089944	NACA-RM-E57I16
Wing-flow measurements of longitudinal stability and control characteristics of a supersonic airplane configuration having a 42.8 degree sweptback circular arc wing with aspect ratio 4.0, taper ratio 0.50, and sweptback tail surfaces	Crane, Harold L; Adams, James J	3-Apr-50	19930086273	NACA-RM-L50B09
Pressure distributions over a wing-fuselage model at Mach numbers of 0.4 to 0.99 and at 1.2	Matthews, Clarence W	3-Nov-48	19930085535	NACA-RM-L8H06
Investigation of the variation with Reynolds number of the base, wave, and skin-friction drag of a parabolic body of revolution (NACA RM-10) at Mach numbers of 1.62, 1.93, and 2.41 in the Langley 9-inch supersonic tunnel	Love, Eugene S; Coletti, Donald E; Bromm, August F , Jr	17-Oct-52	19930087258	NACA-RM-L52H21
Measurements of aerodynamic heat transfer in turbulent separated regions at a Mach number of 1.8	Garland, Benjamine J; Hall, James R	20-Feb-58	19930089933	NACA-RM-L57L09
Aerodynamic characteristics of two 25-percent-area trailing-edge flaps on an aspect ratio 2 triangular wing at subsonic and supersonic speeds	Boyd, John W	22-Jul-52	19930087277	NACA-RM-A52D01c
Large-scale flight measurements of zero-lift drag of 10 wing-body configurations at Mach numbers from 0.8 to 1.6	Morrow, John D; Nelson, Robert L	15-Jan-53	19930087162	NACA-RM-L52D18a

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Development of metal-bonding adhesive FPL-710 with improved heat-resistant properties	Black, John M; Blomquist, R F	8-Jul-52	19930087181	NACA-RM-52F19
High-temperature protection of a titanium-carbide ceramal with a ceramic-metal coating having a high chromium content	Moore, Dwight G; Benner, Stanley G; Harrison, William N	1-Mar-51	19930083013	NACA-TN-2329
Experimental evaluation of gaseous hydrocarbon fuel in a 16-inch-diameter ram-jet engine	Dangle, E E; Kerslake, William R	6-Mar-55	19930088925	NACA-RM-E55J18
Miscellaneous directional-stability data for several airplane-like configurations from rocket-model tests at transonic speeds	Purser, Paul E; Mitchell, Jesse L	15-Sep-52	19930087053	NACA-RM-L52E06b
Analysis of factors affecting selection and design of air-cooled single-stage turbines for turbojet engines III : engine design-point performance	Rossbach, Richard J; Schramm, Wilson; Hubbartt, James E	16-Sep-54	19930088263	NACA-RM-E54F16a
Stability of bodies of revolution having fineness ratios smaller than 1.0 and having rounded fronts and blunt bases	Scher, Stanley H; Bowman, James S , Jr	29-Jan-53	19930087403	NACA-RM-L52L08
Recent stability and aerodynamic problems and their implications as to load estimation	Zimmerman, Charles H	28-Jun-55	19930088801	NACA-RM-L55E11a
Experimental investigation of oil film pressure distribution for misaligned plain bearings	Dubois, G B; Mabie, H H; Ocvirk, F W	1-Oct-51	19930083503	NACA-TN-2507
Effect of exhaust pressure on the performance of an 18-cylinder air-cooled radial engine with a valve overlap of 40 degrees	Boman, David S; Nagey, Tibor F; Doyle, Ronald B	1-Mar-47	19930082163	NACA-TN-1220
Effect of size and number of outlet pipes on design of collectors for rating and testing axial-flow compressors	Moses, Jason J; Kazberovich, Thomas I	1-Jun-48	19930082255	NACA-TN-1607
Free-space oscillating pressures near the tips of rotating propellers	Hubbard, Harvey H; Regier, Arthur A	1-Apr-49	19930082546	NACA-TN-1870
Effects of two leading-edge modifications on the aerodynamic characteristics of a thin low aspect-ratio delta wing at transonic speeds	Mugler, John P , Jr	12-Oct-56	19930089294	NACA-RM-L56G12a
Performance of a normal-shock scoop inlet with boundary-layer control	Frazer, Alson C; Anderson, Warren E	29-Jun-53	19930087526	NACA-RM-A53D29
Altitude performance evaluation of J71-A-11 turbojet engine	Useller, James W; Pappas, George E	30-Mar-56	19930089055	NACA-RM-E55J11
Experimental determination of the effects of frequency and amplitude of oscillation on the roll-stability derivatives for a 60 degree delta-wing airplane model	Fisher, Lewis R	24-Feb-58	19930089963	NACA-RM-L57L17
A review of planing theory and experiment with a theoretical study of pure-planing lift of rectangular flat plates	Shuford, Charles L , Jr	1-Aug-54	19930084205	NACA-TN-3233
Determination of surge and stall limits of an axial-flow turbojet engine for control applications	Schmidt, Ross D; McGraw, Edward W; Vasu, George	6-Aug-53	19930087535	NACA-RM-E53B10
Static longitudinal and lateral stability and control characteristics of a model of a swept-wing fighter-bomber-type airplane with a top inlet at Mach numbers from 1.6 to 2.35	Gnos, A Vernon; Kurkowski, Richard L	3-Mar-58	19930090135	NACA-RM-A57K20

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Evaluation of the accuracy of an aircraft radio altimeter for use in a method of airspeed calibration	Thompson, Jim Rogers; Kurbjun, Max C	1-May-54	19930083981	NACA-TN-3186
Calculated aerodynamic loadings of M, W, and delta wings in incompressible flow	Diederich, Franklin W; Latham, W Owen	30-Aug-51	19930086837	NACA-RM-L51E29
Experimental investigation of effect of high-aspect-ratio rotor blades on performance of conservatively designed turbine	Hauser, Cavour H; Nusbaum, William J	28-May-54	19930090496	NACA-RM-E54C18
Some information on the strength of thick-skin wings with multiweb and multipost stabilization	Anderson, Roger A; Pride, Richard A; Johnson, Aldie E , Jr	27-Aug-53	19930087680	NACA-RM-L53F16
A preliminary investigation at Mach number 1.91 of an inlet configuration designed for insensitivity to positive angle-of-attack operation	Beheim, Milton A	10-Jul-53	19930090472	NACA-RM-E53E20
Investigation at low speed of the longitudinal stability characteristics of a 60 degree swept-back tapered low-drag wing	Lowry, John G; Schneider, Leslie E	1-May-47	19930081900	NACA-TN-1284
Theoretical analysis of various thrust-augmentation cycles for turbojet engines	Lundin, Bruce T	1-May-50	19930082793	NACA-TN-2083
The effect of fuel composition, compression pressure, and fuel-air ratio on the compression-ignition characteristics of several fuels	Leary, W A; Taylor, E S; Taylor, C F	1-Mar-48	19930082123	NACA-TN-1470
Tests of air valves for intermittent-jet engines at speeds of 20 and 25 cycles per second	Mccready, Robert J	1-May-54	19930093182	NACA-WR-E-258, NACA-MR-E5E08
Longitudinal characteristics at transonic and supersonic speeds of a rocket-propelled airplane model having a 60-degree delta wing and low swept horizontal tail	Peck, Robert F; Coltrane, Lucille C	15-Sep-55	19930088863	NACA-RM-L55F27
Effects of modifications to the leading-edge region on the stalling characteristics of the NACA 63(sub 1)-012 airfoil section	Kelly, John A	1-Nov-50	19930082866	NACA-TN-2228
Air-flow and thrust characteristics of several cylindrical cooling-air ejectors with a primary to secondary temperature ratio of 1.0	Greathouse, W K; Hollister, D P	6-Mar-53	19930087598	NACA-RM-E52L24
An analysis of flow in rotating passage of large radial-inlet centrifugal compressor at tip speed of 700 feet per second	Prian, Vasily D; Michel, Donald J	1-Dec-51	19930083406	NACA-TN-2584
Preliminary comparison of 17- and 75-millimeter-bore cageless cylindrical roller bearings with conventional cylindrical roller bearings at high speeds	Macks, E Fred; Anderson, W J; Nemeth, Zolton N	5-Mar-53	19930087472	NACA-RM-E52L05
A flight-test study of total-pressure distortion in a thick-lipped nose inlet	Wingrove, Rodney C	30-Jun-58	19930090079	NACA-RM-A58B07
Review of an Investigation of Ceramic Coatings for Metallic Turbine Parts and Other High-Temperature Applications	Harrison, W N; Moore, D G; Richmond, J C	1-Mar-47	19930082087	NACA-TN-1186
Coefficient of friction and damage to contact area during the early stages of fretting II : steel, iron, iron oxide, and glass combinations	Bailey, John M; Godfrey, Douglas	1-Apr-54	19930083837	NACA-TN-3144
A theoretical analysis of heat transfer in regions of separated flow	Chapman, Dean R	1-Oct-56	19930084514	NACA-TN-3792
Experimental investigation of the effects of vortex generators on the maximum lift of a 6-percent-thick symmetrical circular-arc airfoil section	Bursneall, William J	6-Oct-52	19930087240	NACA-RM-L52G24

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An analysis of axial- and centrifugal-flow turbojet-engine performance with variable-area exhaust nozzle	Barson, Zelmar	19-Jun-52	19930087144	NACA-RM-E52D16
A small Pirani gage for measurements of nonsteady low pressures	Pilny, M John	1-Jun-53	19930083691	NACA-TN-2946
Flow over a slender body of revolution at supersonic velocities	Jones, Robert T; Margolis, Kenneth	8-Jul-46	19930084662	NACA-TN-1081
Linearized lifting-surface and lifting-line evaluations of sidewash behind rolling triangular wings at supersonic speeds	Bobbitt, Percy J	1-Mar-56	19930084318	NACA-TN-3609
A preliminary wind-tunnel investigation of flutter characteristics of delta wings	Herr, Robert W	17-Apr-52	19930087006	NACA-RM-L52B14a
A method for simulating the atmospheric entry of long-range ballistic missiles	Eggers, A J , Jr	28-Dec-55	19930088899	NACA-RM-A55I15
An experimental investigation of the flutter of several wings of varying aspect ratio, density, and thickness ratio at Mach numbers from 0.60 to 1.10	Herrera, Raymond; Barnes, Robert H	7-Apr-54	19930088245	NACA-RM-A54A29
Influence of heat treatment on microstructure and high-temperature properties of nickel-base precipitation-hardening alloy	Decker, R F; Rowe, John P; Bigelow, W C; Freeman, J W	1-Jul-58	19930085208	NACA-TN-4329
Lateral-control investigation of flap-type controls on a wing with quarter-chord line swept back 45 degrees, aspect ratio 4, taper ratio 0.6, and NACA 65A006 airfoil section	Vogler, Raymond D	15-Aug-49	19930085925	NACA-RM-L9F29a
Characteristics of low-aspect ratio wings at supercritical Mach numbers	Stack, John; Lindsey, W F	1-Aug-48	19930082288	NACA-TN-1665
An investigation at Mach numbers of 1.41 and 2.01 of the aerodynamic characteristics of a swept-wing supersonic bomber configuration	Smith, Norman F; Hasel, Lowell E	1-Feb-56	19930087508	NACA-RM-L52J17
Some measurements of flying qualities of a Douglas D-558-II research airplane during flights to supersonic speeds	Ankenbruck, Herman O; Dahlen, Theodore E	10-Mar-53	19930087460	NACA-RM-L53A06
Analysis of errors introduced by several methods of weighting nonuniform duct flows	Wyatt, Demarquis D	1-Mar-55	19930084085	NACA-TN-3400
Aerodynamic loadings associated with swept and unswept spoilers on a flat-plate at Mach numbers of 1.61 and 2.01	Lord, Douglas R; Czarnecki, K R	12-Mar-56	19930089093	NACA-RM-L55L12
An analysis of longitudinal-control problems encountered in flight at transonic speeds with a jet-propelled airplane	Brown, Harvey H; Rolls, L Stewart; Clousing, Lawrence A	25-Sep-47	19930085744	NACA-RM-A7G03
A note on the ability to predict transonic drag-rise changes due to model modifications	Pierpont, P Kenneth	3-Oct-57	19930089833	NACA-RM-L57H07
Surge-inception study in a two-spool turbojet engine	Wallner, Lewis E; Lubick, Robert J; Saari, Martin J	1-Jan-56	19930090287	NACA-RM-E56F11
Investigation of low-speed, power-off stability and control characteristics of a model with a 35 degree sweptback wing in the Langley free-flight tunnel	Schade, Robert O	28-Oct-48	19930085338	NACA-RM-L8A14
An investigation of submerged air inlets on a 1/4-scale model of a typical fighter-type airplane	Delany, Noel K	2-Jun-48	19930085366	NACA-RM-A8A20
Tabulated pressure coefficients and aerodynamic characteristics measured on the wing of the Bell X-1 airplane in an unaccelerated stall and in pull-ups at Mach numbers of 0.74, 0.75, 0.94, and 0.97	Smith, Lawrence A	19-Jun-51	19930086564	NACA-RM-L51B23

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Nonuniform burn-up and poisoning effects in a reactor and validity of uniform approximation	Spooner, Robert B	1-Jan-53	19930087575	NACA-RM-E53D20
Thermodynamic charts for internal-combustion-engine fluids	Mccann, W J	1-Jul-49	19930082561	NACA-TN-1883
The effect at high subsonic speeds of a flap-type aileron on the chordwise pressure distribution near midsemispan of a tapered 35 degree sweptback wing of aspect ratio 4 having NACA 65A006 airfoil section	Hammond, Alexander D; Keffer, Barbara M	6-May-53	19930087716	NACA-RM-L53C23
Altitude-chamber investigation of J73-GE-1A turbojet engine component performance	Campbell, Carl E; Sobolewski, Adam E	9-Dec-54	19930088048	NACA-RM-E53I08
Investigation of the effects of profile shape on the aerodynamic and structural characteristics of thin, two-dimensional airfoils at supersonic speeds	Katzen, Elliott, D; Kuehn, Donald M; Hill, William A , Jr	1-Sep-57	19930084812	NACA-TN-4039
A brief hydrodynamic investigation of a Navy seaplane design equipped with a hydro-ski	Fisher, Lloyd J; Hoffman, Edward L	1-Sep-53	19930087704	NACA-RM-L53F04
Investigation of the aerodynamic characteristics at high supersonic Mach numbers of a family of delta wings having double-wedge sections with the maximum thickness at 0.18 chord	Bertram, Mitchel H; Mccauley, William D	20-Oct-54	19930088344	NACA-RM-L54G28
Blade-to-coolant heat-transfer results and operating data from a natural-convection water-cooled single-stage turbine	Diaguila, Anthony J; Freche, John C	26-Nov-51	19930086867	NACA-RM-E51I17
Theoretical and experimental data for a number of NACA 6A-series airfoil sections	Loftin, Laurence K , Jr	1-Jul-47	19930082006	NACA-TN-1368
Method for determining optimum division of power between jet and propeller for maximum thrust power of a turbine-propeller engine	Trout, Arthur M; Hall, Eldon W	1-Sep-50	19930082829	NACA-TN-2178
Dilution of liquid oxygen when nitrogen is used for pressurization	Walsh, Thomas J; Hibbard, R R; Ordin, Paul M	1-Apr-58	19930089940	NACA-RM-E58A03a
Thrust augmentation of a turbojet engine by the introduction of liquid ammonia into the compressor inlet	Harp, James L , Jr; Useller, James W; Auble, Carmon M	13-Aug-52	19930087158	NACA-RM-E52F18
Charts showing relations among primary aerodynamic variables for helicopter-performance estimation	Talkin, Herbert W	1-Feb-47	19930082159	NACA-TN-1192
Application of statistical methods to study of gas-turbine blade failures	Hoffman, Charles A; Ault, G Mervin	1-Jun-48	19930082251	NACA-TN-1603
Distribution of bearing reactions on a rotating shaft supported on multiple journal bearings	Manson, S S; Morgan, W C	1-May-47	19930081896	NACA-TN-1280
Investigation of wing characteristics at a Mach number of 1.53 I : triangular wings of aspect ratio 2	Vincenti, Walter G; Nielsen, Jack N; Matteson, Frederick H	19-Dec-47	19930085740	NACA-RM-A7I10
Wind-tunnel investigation at high subsonic speeds of a spoiler-slot deflector combination on an NACA 65A006 wing with quarter-chord line swept back 32.6 degrees	Vogler, Raymond D	29-May-53	19930087571	NACA-RM-L53D17
The effect of changing the ratio of exhaust-valve flow capacity to inlet-valve flow capacity on volumetric efficiency and output of a single- cylinder engine	Eppes, James V D; Livengood, James C; Taylor, C Fayette	1-Oct-47	19930082002	NACA-TN-1365

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Quantitative treatment of the creep of metals by dislocation and rate-process theories	Nowick, A S; Machlin, E S	1-Apr-46	19930081998	NACA-TN-1039
Performance of pure fuels in single J33 combustors II : hydrocarbon and nonhydrocarbon fuels	Smith, Arthur L; Wear, Jerrold D	11-Apr-55	19930088591	NACA-RM-E55B02
Flight investigation at Mach numbers from 0.6 to 1.7 to determine drag and base pressures on a blunt trailing-edge airfoil and drag of diamond and circular-arc airfoils at zero lift	Morrow, John D; Katz, Ellis	1-Nov-55	19930084307	NACA-TN-3548
Fabrication and endurance of air-cooled strut-supported turbine blades with struts cast of X-40 alloy	Schum, Eugene F; Stepka, Francis F; Oldrieve, Robert E	11-Apr-56	19930089318	NACA-RM-E56A12
A digital automatic multiple pressure recorder	Coss, Bert A; Daykin, D R; Jaffe, Leonard; Sharp, Elmer M	1-Jan-53	19930083776	NACA-TN-2880
Effect of ground proximity on the aerodynamic characteristics of a four-engine vertical-take-off-and-landing transport-airplane model with tilting wing and propellers	Newsom, William A , Jr	1-Oct-57	19930084853	NACA-TN-4124
An analytical study of the steady vertical descent in autorotation of single-rotor helicopters	Nikolsky, A A; Seckel, Edward	1-Jun-49	19930082584	NACA-TN-1906
Lateral stability characteristics between Mach numbers of 0.80 and 1.57 and simulation of coupled motion at Mach number of 1.30 of a rocket-propelled model of an airplane configuration having thin highly tapered 45 degree sweptback surfaces	D'Aiutolo, Charles T; Henning, Allen B	10-Apr-56	19930090203	NACA-RM-L56A17
The flow past a straight and a swept-wing-body combination and their equivalent bodies of revolution at Mach numbers near 1.0	Lindsey, Walter F	9-Apr-54	19930093724	NACA-RM-L54A28a
Some observations of flow at the throat of a two-dimensional diffuser at a Mach number of 3.85	Connors, James F; Woollett, Richard R	13-Nov-52	19930087284	NACA-RM-E52I04
Stresses in and General Instability of Monocoque Cylinders with Cutouts VII : Experimental Investigation of Cylinders Having Either Long Bottom Cutouts or Series of Side Cutouts	Hoff, N J; Boley, Bruno A; Mele, Joseph J	1-Oct-49	19930082617	NACA-TN-1962
Aerodynamic characteristics of a flying-boat hull having a length-beam ratio of 15 and a warped forebody	Macleod, Richard G	11-Feb-49	19930085841	NACA-RM-L9A03
Application of the linearized theory of supersonic flow to the estimation of control-surface characteristics	Frick, Charles W	1-Mar-48	19930082357	NACA-TN-1554
Foreign-object retention and flow characteristics of retractable engine-inlet screens	Steffen, Fred W; Rodert, Lewis A	26-Jul-57	19930089534	NACA-RM-E57A15
Flow studies on flat-plate delta wings at supersonic speed	Michael, William H , Jr	1-Jul-55	19930084243	NACA-TN-3472
Effect of compressibility on the flow past a two-dimensional bump	Lindsey, W F; Daley, Bernard N	1-Apr-52	19930083054	NACA-TN-2484

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The Effects of the Addition of Small Fuselage-Mounted Fins on the Static Directional Stability Characteristics of a Model of a 45 Degree Swept-Wing Airplane at Angles of Attack up to 15.3 degrees at a Mach Number of 2.01	Spearman, M Leroy; Robinson, Ross B; Driver, Cornelius	12-Oct-56	19930089415	NACA-RM-L56D16a
Low-speed investigation of static longitudinal and lateral stability characteristics of an airplane configuration with a highly tapered wing and with several body and tail arrangements	Fournier, Paul G	22-May-57	19930089733	NACA-RM-L57A08
Altitude component performance of the YJ73-GE-3 turbojet engine	Mcaulay, John E; Campbell, Carl E	10-Jan-55	19930088189	NACA-RM-E54D09
Analytical determination of effect of water injection on power output of turbine-propeller engine	Ross, Albert O; Huppert, Merle C	3-Nov-49	19930086133	NACA-RM-E9H17
Transonic wind-tunnel investigation of the effects of indentation on the wing loads of a 45 degree sweptback wing-body combination	Platt, Robert J , Jr	11-Jan-56	19930088828	NACA-RM-L55H26
Analysis of plane-stress problems with axial symmetry in strain-hardening range	Wu, M H Lee	1-Dec-50	19930083119	NACA-TN-2217
Aerodynamic characteristics of the NACA 8-H-12 airfoil section at six Reynolds numbers from 1.8 x 10(exp 6) to 11.0 x 10(exp 6).	Schaefer, Raymond F; Smith, Hamilton A	1-Dec-49	19930082712	NACA-TN-1998
Altitude performance investigation of a high-temperature afterburner	Huntley, S C; Auble, Carmon M; Useller, James W	26-Jun-53	19930087502	NACA-RM-E53D22
Effect of horizontal-tail span and vertical location on the aerodynamic characteristics of an unswept tail assembly in sideslip	Riley, Donald R	1-Feb-53	19930083612	NACA-TN-2907
High-speed wind-tunnel tests of a 1/16-scale model of the D-558 research airplane basic longitudinal stability of the D-558-1	Wright, John B	12-May-48	19930085814	NACA-RM-L7K24
On a solution of the nonlinear differential equation for transonic flow past a wave-shaped wall	Kaplan, Carl	1-Jun-51	19930083315	NACA-TN-2383
Flight measurements of the transonic drag of models of several isolated external stores and nacelles	Stevens, Joseph E; Purser, Paul E	11-Mar-55	19930088595	NACA-RM-L54L07
Low-speed boundary-layer-control investigation on a thin rectangular semispan wing with leading-edge and trailing-edge flaps	Croom, Delwin R; TURNER THOMAS R	20-Jan-58	19930090302	NACA-RM-L57J15
The effects of yawing thin pointed wings at supersonic speeds	Evvard, John C	1-Sep-47	19930082174	NACA-TN-1429
A preliminary evaluation of the use of ground radar for the avoidance of turbulent clouds	Press, H; Binckley, E T	1-Sep-48	19930082322	NACA-TN-1684
The normal component of the induced velocity in the vicinity of a lifting rotor and some examples of its application	Castles, Walter, Jr; De Leeuw, Jacob Henri	1-Mar-53	19930083618	NACA-TN-2912
Altitude-wind-tunnel investigation of tail-pipe burning with a Westinghouse X24C-4B axial-flow turbojet engine	Fleming, William A; Wallner, Lewis E	13-Dec-48	19930093739	NACA-RM-E8J25e
A blade-element analysis for lifting rotors that is applicable for large inflow and blade angles and any reasonable blade geometry	Castles, Walter, Jr; New, Noah C	1-Jul-52	19930083300	NACA-TN-2656
Preliminary investigation of the combustion of pentaborane and diborane in a turbojet combustor at simulated altitude conditions	Gibbs, J B; Branstetter, J R; Kaufman, W B	27-Feb-57	19930087550	NACA-RM-E53B18

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Drag measurements of a swept-back wing having inverse taper as determined by flight tests at supersonic speeds	Alexander, Sidney R	8-Apr-47	19930085820	NACA-RM-L6L30
Some flight measurements of pressure-distribution and boundary-layer characteristics in the presence of shock	Luke, Ernest P; Zalovicik, John A	23-Jul-48	19930085345	NACA-RM-L8C22
Maximum pitching angular accelerations of airplanes measured in flight	Matheny, Cloyce E	1-May-50	19930082808	NACA-TN-2103
Performance of the components of the XJ34-WE-32 turbojet engine over a range of engine and flight conditions	Mcaulay, John E; Sobolewski, Adam E; Smith, Ivan D	9-Jun-52	19930087487	NACA-RM-E51L10
Flight measurements of the loads and moments on an external store mounted under the wing of a swept-wing fighter-type airplane during yawing and rolling maneuvers	Hamer, Harold A; O'Bryan, Thomas C	28-Sep-55	19930088878	NACA-RM-L55G22
Investigation of performance of Bumblebee 18-inch ram jet with a can-type flame holder	Sterbentz, W H; Nussdorfer, T J	24-Aug-48	19930085447	NACA-RM-E8E21
Measurements of the nonlinear variation with temperature of heat-transfer rate from hot wires in transonic and supersonic flow	Winovich, Warren; Stine, Howard A	1-Apr-57	19930084717	NACA-TN-3965
Wind-tunnel investigation of six shielded total-pressure tubes at high angles of attack subsonic speeds	Russell, Walter R; Gracey, William; Letko, William; Fournier, Paul G	1-Nov-51	19930083339	NACA-TN-2530
First-order theory for unsteady motion of thin wings at supersonic speeds	Moskowitz, Barry; Moeckel, W E	1-Feb-50	19930082691	NACA-TN-2034
Performance of high-pressure-ratio axial-flow compressor using highly cambered NACA 65-series blower blades at high Mach numbers	Voit, Charles H; Guentert, Donald C; Dugan, James F	28-Mar-50	19930086112	NACA-RM-E50A09
Exploratory investigation at a Mach number of 5.20 of the longitudinal aerodynamic characteristics of flat-bottom bodies	Lange, Roy H	27-Jul-56	19930089394	NACA-RM-L56E30
Gas-turbine-engine operation with variable-area fuel nozzles	Gold, Harold; Straight, David M	9-Jul-48	19930085412	NACA-RM-E8D14
Drag measurements in flight on the 10-percent-thick and 8-percent-thick wing X-1 airplanes	Gardner, John J	19-Nov-48	19930085545	NACA-RM-L8K05
A flight investigation of the thermal performance of an air-heated propeller	Darsow, John F; Selna, James	1-Apr-47	19930081946	NACA-TN-1178
Longitudinal stability, trim, and drag characteristics of a rocket-propelled model of an airplane configuration having a 45 degree sweptback wing and an unswept horizontal tail	Parks, James H; Kehlet, Alan B	12-Aug-52	19930087101	NACA-RM-L52F05
A brief analog investigation of inertia coupling in rolling maneuvers of an airplane configuration using a variable-incidence wing as the longitudinal control	Gillis, Clarence L	6-Aug-57	19930089776	NACA-RM-L57F18
Investigation of the air-flow regulation characteristics of a translating-spike inlet with two oblique shocks from Mach 1.6 to 2.0	Nettles, J C	24-Jul-56	19930089329	NACA-RM-E56D23b
Flight investigation at Mach numbers from 0.8 to 1.5 to determine the effects of nose bluntness on the total drag of two fin-stabilized bodies of revolution	Hart, Roger G	1-Dec-55	19930084311	NACA-TN-3549
Tables for determining reduction of energy and intensity of X-rays and gamma-rays at various scattering angles in small thickness of matter	Allen, G	1-Feb-50	19930082684	NACA-TN-2026

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A flight investigation of the handling characteristics of a fighter airplane controlled through an attitude type of automatic pilot	Sjoberg, S A; Russell, Walter R; Alford, William L	10-Apr-56	19930089322	NACA-RM-L56A12
Design and performance study of a nuclear direct-air turboprop cycle applied to a subsonic low-altitude airplane	Wachtl, William W	2-Mar-55	19930088461	NACA-RM-E54J21
Two-dimensional irrotational mixed subsonic and supersonic flow of a compressible fluid and the upper critical Mach number	Tsien, Hsue-Shen; Kuo, Yung-Huai	1-May-46	19930090567	NACA-TN-995
High-altitude performance of 9.5-inch-diameter tubular experimental combustor with fuel staging	Scull, Wilfred E	22-Mar-54	19930088089	NACA-RM-E54A06
Wind-tunnel investigation at subsonic and supersonic speeds of a fighter model employing a low-aspect-ratio unswept wing and a horizontal tail mounted well above the wing plane-lateral and directional stability	Wetzel, Benton E	28-Apr-55	19930088409	NACA-RM-A54H26b
Aerodynamic characteristics of a wing with unswept quarter-chord line, aspect ratio 4, taper ratio 0.6, and NACA 65A004 airfoil section : transonic-bump method	Myers, Boyd C , II; Wiggins, James W	8-May-50	19930086193	NACA-RM-L50C16
Several factors affecting roll control systems of interceptors	Sternfield, Leonard	6-Nov-53	19930087917	NACA-RM-L53I22a
Free-Flight Tests of 1/10-Scale Republic F-105 Airplane Wings in the Subsonic to Low Supersonic Speed Range to Investigate the Possibility of Flutter : COORD. No. AF-224	O'Kelly, Burke R	20-Feb-56	19930089162	NACA-RM-SL56B13
Wind-tunnel investigation of the effects of various dorsal-fin and vertical-tail configurations on the directional stability of a streamlined body at transonic speeds : transonic-bump method	Johnson, Harold S; Hayes, William C	8-Apr-53	19930087757	NACA-RM-L53B19
Comparison of supersonic minimum-drag airfoils determined by linear and nonlinear theory	Klunker, E B; Harder, Keith C	1-Feb-52	19930083452	NACA-TN-2623
Low-speed cascade investigation of loaded leading-edge compressor blades	Emery, James C	11-Jan-56	19930093818	NACA-RM-L55J05
Lateral stability investigation at Mach numbers from 0.8 to 1.7 of two rocket-boosted models of an airplane configuration with a 45 degree swept wing and a low horizontal tail	Mcfall, John C , Jr; Mitchell, Jesse L; Vitale, A James	30-Sep-57	19930089819	NACA-RM-L57G25
A discussion of methods for reducing aerodynamic heating in supersonic flight	Eggers, A J , Jr	1-Sep-55	19930088966	NACA-RM-A55F21a
Dynamic stability of vehicles traversing ascending or descending paths through the atmosphere	Tobak, Murray; Allen, H Julian	1-Jul-58	19930085056	NACA-TN-4275
Investigation of blade-row flow distributions in axial-flow-compressor stage consisting of guide vanes and rotor-blade row	Mahoney, John J; Dugan, Paul D; Budinger, Raymond E; Goelzer, H Fred	28-Nov-50	19930086223	NACA-RM-E50G12
Flight investigation of the aerodynamic forces on a wing-mounted external-store installation on the Douglas D-558-II research airplane	Johnson, Clinton T	13-May-58	19930090009	NACA-RM-H58B24
Investigation of heat-transfer coefficients in an afterburner	Koffel, William K; Kaufman, Harold R	27-Jun-52	19930087131	NACA-RM-E52D11

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Investigation of lateral control near the stall flight tests with high-wing and low-wing monoplanes of various configurations	Weick, Fred E; Abramson, H Norman	1-Jun-56	19930084982	NACA-TN-3676
An investigation of flow characteristics at Mach number 4.04 over 6- and 9-percent-thick symmetrical circular-arc airfoils having 30-percent-chord trailing-edge flaps	Ulmann, Edward F; Lord, Douglas R	19-Jul-51	19930086615	NACA-RM-L51D30
Recovery temperatures and heat transfer near two-dimensional roughness elements at Mach 3.1	Brinich, Paul F	1-Feb-58	19930085112	NACA-TN-4213
High-speed investigation of skin wrinkles on two NACA airfoils	Robinson, Harold L	1-Aug-46	19930081767	NACA-TN-1121
Bearing strengths of some 75S-T6 and 14S-T6 aluminum-alloy hand forgings	Finley, E M	1-Jan-53	19930083780	NACA-TN-2883
Wind-tunnel corrections at high subsonic speeds particularly for an enclosed circular tunnel	Gothert, Bernhard Hermann	1-Feb-52	19930093930	NACA-TM-1300
Determination of blade-to-coolant heat-transfer coefficients on a forced-convection, water-cooled, single-stage turbine	Freche, John C; Schum, Eugene F	13-Jul-51	19930086650	NACA-RM-E51E18
Analysis of limitations imposed on one-spool turboprop-engine designs by compressors and turbines at flight mach numbers of 0.06, and 0.8	Cavicchi, Richard H	6-Dec-56	19930089485	NACA-RM-E56I05
Perforated sheets as the porous material for a suction-flap application	Dannenberg, Robert E; Weiburg, James A; Gambucci, Bruno J	1-May-57	19930084738	NACA-TN-4038
The effects of horizontal-tail location and size on the subsonic longitudinal aerodynamic characteristics of an airplane model having a triangular wing of aspect ratio 3	Tinling, Bruce E; Lopez, Armando E	11-Mar-54	19930088077	NACA-RM-A53L15
An investigation of several NACA 1-series nose inlets with and without protruding central bodies at high-subsonic Mach numbers and at a Mach number of 1.2	Pendley, Robert E; Robinson, Harold L	21-Feb-50	19930093714	NACA-RM-L9L23a
Studies of structural failure due to acoustic loading	Hess, Robert W; Fralich, Robert W; Hubbard, Harvey H	1-Jul-57	19930084857	NACA-TN-4050
Analysis of effects of interceptor roll performance and maneuverability on success of collision-course attacks	Phillips, William H	6-Aug-58	19930090175	NACA-RM-L58E27
Prediction of the effects of propeller operation on the static longitudinal stability of single-engine tractor monoplanes with flaps retracted	Weil, Joseph; Sleeman, William C , Jr	1-Oct-48	19930082414	NACA-TN-1722
Experimental static aerodynamic forces and moments at low speed on a canard missile during simulated launching from the midsemispan and wing-tip locations of a 45 degree sweptback wing-fuselage combination	Alford, William J , Jr	6-Apr-55	19930088634	NACA-RM-L55A12
Flight investigation of the effects on airplane static longitudinal stability of a bungee and engine-tilt modifications	Rathert, George A , Jr	1-May-47	19930081860	NACA-TN-1260
Calibration of strain-gage installations in aircraft structures for the measurements of flight loads	Skopinski, T H; Aiken, William S , Jr; Huston, Wilber B	1-Aug-53	19930083736	NACA-TN-2993

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Flight-determined induction-system and surge characteristics of the YF-102 airplane with a two-spool turbojet engine	Saltzman, Edwin J	28-Jun-57	19930089693	NACA-RM-H57C22
The use of pure twist for drag reduction on arrow wings with subsonic leading edges	Grant, Frederick C	1-Aug-57	19930084842	NACA-TN-4104
An experimental study at high subsonic speeds of several tail configurations on a model having a 45 degree sweptback wing	Sleeman, William C , Jr	17-Apr-57	19930089641	NACA-RM-L57C08
Shear buckling of infinitely long simply supported metalite type sandwich plates	Seide, Paul	1-Jul-49	19930082588	NACA-TN-1910
Torsional vibrations of hollow thin-walled cylindrical beams	Kruszewski, Edwin T; Kordes, Eldon E	1-Aug-54	19930084049	NACA-TN-3206
Effect of combustor-inlet condition on performance of an annular turbojet combustor	Childs, Howard J; Mccafferty, Richard J; Surine, Oakley W	1-Jul-47	19930082343	NACA-TN-1357
Wind-tunnel investigation at low speed to determine aerodynamic properties of a jettisonable nose section with circular cross section	Goodwin, Roscoe H	19-May-50	19930086099	NACA-RM-L9J13
Comparison between theory and experiment for interference pressure field between wing and body at supersonic speeds	Pitts, William C; Nielsen, Jack N; Gionfriddo, Maurice P	1-Apr-54	19930083918	NACA-TN-3128
A semigraphical method for the determination of the rolling characteristics of rolleron-equipped missiles	Nason, Martin L	29-Nov-56	19930090207	NACA-RM-L56I12
Altitude performance and operational characteristics of 29-inch-diameter tail-pipe burner with several fuel systems and flame holders on J35 turbojet engine	Conrad, E William; Prince, William R	8-Nov-49	19930093772	NACA-RM-E9G08
Indirect methods for obtaining ram-jet exhaust-gas temperature applied to fuel-metering control	Perchonok, Eugene; Sterbentz, William H; Moore, Stanley H	14-Jan-48	19930085711	NACA-RM-E7H27
Minimum-weight design of simply supported transversely stiffened plates under compression	Gomza, Alexander; Seide, Paul	1-Sep-48	19930082399	NACA-TN-1710
Theoretical investigation of the effects upon lift of a gap between wing and body of a slender wing-body combination	Dugan, Duane W; Hikido, Katsumi	1-Aug-54	19930084145	NACA-TN-3224
Flight measurements of the lateral and directional stability and control characteristics of an airplane having a 35 degree sweptback wing 40-percent-span slots and a comparison with wind-tunnel data	Sjoberg, S A; Reeder, J P	1-Jan-48	19930082195	NACA-TN-1511
A systematic investigation of pressure distributions at high speeds over five representative NACA low-drag and conventional airfoil sections	Graham, Donald J; Nitzberg, Gerald E; Olsen, Robert N	15-May-47	19930085644	NACA-RM-A7B04
Performance of 110-millimeter-bore M-1 tool steel ball bearings at high speeds, loads, and temperatures	Anderson, William J	1-Jan-57	19930084751	NACA-TN-3892
Experimental investigation of hot-gas bleedback for ice protection of turbojet engines II : nacelle with long straight air inlet	Callaghan, Edmund E; Ruggeri, Robert S	26-May-49	19930085912	NACA-RM-E9C16
A rapid method for predicting attached-shock shape	Love, Eugene S; Long, Ronald H	1-Oct-57	19930085020	NACA-TN-4167
Investigation of Mach number changes obtained by discharging high-pressure pulse through wind tunnel operating supersonically	Haefeli, Rudolph C; Bernstein, Harry	1-Aug-54	19930083991	NACA-TN-3258

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Experimental investigation of temperature feedback control systems applicable to turbojet-engine control	Hart, C E; Wenzel, L M; Craig, R T	1-Mar-57	19930084974	NACA-TN-3936
Performance of a pair of tubular combustors with an external pilot chamber	Friedman, Robert; Zettle, Eugene V	7-Sep-54	19930088165	NACA-RM-E54E11
Aerodynamic design of axial-flow compressors Volume 1		1-Aug-56	19930090341	NACA-RM-E56B03
Experimental investigation of the effect of a shrouded rotor on the performance of a conservatively designed turbine	Hauser, Cavour H; Plohr, Henry W	25-May-54	19930090531	NACA-RM-E54C11
Combined compressor coolant injection and afterburning for turbojet thrust augmentation	Useller, James W; Huntley, S C; Fenn, David B	16-Sep-54	19930088385	NACA-RM-E54G08
Investigation at low speed of the flow field behind the lifting surfaces of a model equipped with a 60 degree triangular wing and a 60 degree triangular canard tail	Newman, Ernest E; Cahill, Jones F	29-Jun-53	19930087727	NACA-RM-L53C30
Temperature-pressure-time relations in a closed cryogenic container	Huntley, Sidney C	1-Feb-58	19930085260	NACA-TN-4259
Flight investigation of a roll-stabilized ram-jet test vehicle over a mach number range of 2.3 to 2.7	Kennedy, Thomas L; Trout, Otto F , Jr	7-Oct-55	19930089031	NACA-RM-L55H11
Torque-speed characteristics for high-specific-work turbines	Stewart, Warner L	1-Sep-58	19930085309	NACA-TN-4379
Some design and operational considerations of a liquid-hydrogen fuel and heat-sink system for turbojet-engine tests	Corrington, Lester C; Thornbury, Kenneth L; Hennings, Glen	18-Dec-56	19930089529	NACA-RM-E56J18a
Grain-boundary behavior in creep of aluminum bicrystals	Rhines, F N; Bond, W E; Kissel, M A	1-Dec-55	19930084238	NACA-TN-3556
The interpretation of nonlinear pitching moments in relation to the pitch-up problem	Campbell, George S; Weil, Joseph	28-Oct-53	19930087912	NACA-RM-L53I02
Comparison of results of experimental and theoretical studies of blade-outlet boundary-layer characteristics of stator blade for a high subsonic Mach number turbine	Hauser, Cavour H; Nusbaum, William J	15-Feb-57	19930089688	NACA-RM-E56K29a
A wind-tunnel investigation at high subsonic speeds of the lateral control characteristics of various plain spoiler configurations on a 3-percent-thick 60 degree delta wing	Wiley, Harleth G	26-May-54	19930088380	NACA-RM-L54D01
Effect of ratio of rivet pitch to rivet diameter on the fatigue strength of riveted joints of 24S-T aluminum alloy sheet	Crate, Harold; Ochiltree, David W; Graves, Walter T	1-Sep-46	19930081800	NACA-TN-1125
Flight performance of a 2.8 KS 8100 Cajun solid-propellant rocket motor	Lee, Dorothy B	21-Jan-57	19930089581	NACA-RM-L56K01
Wind-tunnel investigation at low speed of the yawing stability derivatives of a 1/10-scale model of the Douglas A4D-1 airplane : TED No. NACA DE 389	Wolhart, Walter D; Fletcher, H S	13-Sep-54	19930088450	NACA-RM-SL54I07
Comparative performance of two vaneless diffusers designed with different rates of passage curvature for mixed-flow impellers	Barina, Frank J	1-Nov-47	19930082147	NACA-TN-1490
Wind-tunnel investigation of the boundary layer on an NACA 0009 airfoil having 0.25- and 0.50- airfoil chord plain sealed flaps	Brewer, Jack D; Polhamus, Josephine F	1-Apr-48	19930082387	NACA-TN-1574

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Investigation of a 1/4-scale model of the Republic F-105 airplane in the Langley 19-foot pressure tunnel : longitudinal stability and control and horizontal-tail hinge-moment and normal-force characteristics of the model equipped with a drooped super	Cancro, Patrick A; Kelly, H Neale	30-Nov-55	19930089135	NACA-RM-SL55K07
Exploratory investigation of an airfoil with area suction applied to a porous, round trailing edge fitted with a lift-control vane	Dannenberg, Robert E; Weiberg, James A	1-Apr-55	19930084397	NACA-TN-3498
Maximum-lift investigation of a 1/40-scale X-1 airplane wing at Mach numbers from 0.60 to 1.15	Turner, Thomas R	21-Apr-50	19930086353	NACA-RM-L50C28
The frequency content of the control input and airplane response obtained during service operations of fighter airplanes	Mayer, John P; Hamer, Harold A	12-Jul-57	19930093728	NACA-RM-L57E21
Analysis of a liquid-metal turbine-propeller cycle for propulsion of low-speed nuclear-powered aircraft	Wachtl, William W; Rom, Frank E	27-May-52	19930087288	NACA-RM-E52D02
Effect of dihedral change on the theoretical dynamic lateral response characteristics of a low-aspect-ratio straight-wing supersonic airplane	Heinle, Donovan R	7-Dec-50	19930086335	NACA-RM-A50H02
Two matrix methods for calculating forcing functions from known responses	Mazelsky, Bernard; Diederich, Franklin W	1-Oct-49	19930082621	NACA-TN-1965
Investigation of ram-jet afterburning as a means of varying effective exhaust nozzle area	Perchonok, Eugene; Wilcox, Fred A	17-Nov-52	19930087270	NACA-RM-E52H27
Low-speed roll effectiveness of a differentially deflected horizontal-tail surface on a 42 degree swept-wing model	Boisseau, Peter C	19-Jun-56	19930089408	NACA-RM-L56E03
Corrosion resistance of nickel alloys in molten sodium hydroxide	Probst, H B; May, C E; Mchenry, Howard T	1-Jan-58	19930084967	NACA-TN-4157
Stall propagation in a cascade of airfoils	Kriebel, Anthony R; Seidel, Barry S; Schwind, Richard G	1-Jun-58	19930084931	NACA-TN-4134
Slip-flow heat transfer from cylinders in subsonic airstreams	Baldwin, Lionel V	1-Sep-58	19930085284	NACA-TN-4369
Laminar boundary layer with heat transfer on a cone at angle of attack in a supersonic stream	Reshotko, Eli	1-Dec-57	19930084949	NACA-TN-4152
Wind-tunnel investigation of external-flow jet-augmented double slotted flaps on a rectangular wing at an angle of attack of 0 degree to high momentum coefficients	Davenport, Edwin E	1-Sep-57	19930085087	NACA-TN-4079
Longitudinal and lateral aerodynamic characteristics at combined angles of attack and sideslip of a generalized missile model having a rectangular wing at a Mach number of 4.08	Smith, Fred M; Ulmann, Edwards F; Dunning, Robert W	14-Aug-58	19930090166	NACA-RM-L58E26
Investigation of static strength and creep behavior of an aluminum-alloy multiweb box beam at elevated temperatures	Mathauser, Eldon, E	1-Nov-54	19930084058	NACA-TN-3310
Perforated sheets as a porous material for distributed suction and injection	Dannenberg, Robert E; Gambucci, Bruno J; Weiberg, James A	1-Apr-56	19930084938	NACA-TN-3669

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Investigation by the transonic-bump method of a 35 degree sweptback semispan model equipped with a flap operated by a series of servovanes located ahead of and geared to the flap	Phillips, William H; Thompson, Robert F	5-Dec-51	19930087037	NACA-RM-L51J10
Experimental and theoretical distribution of flow produced by inlet guide vanes of an axial-flow compressor	Finger, Harold B; Schum, Harold J; Buckner, Howard A , Jr	1-Oct-49	19930082631	NACA-TN-1954
An analysis of control requirements and control parameters for direct-coupled turbojet engines	Novik, David; Otto, Edward W	18-Feb-48	19930085788	NACA-RM-E7I25a
Free-flight-tunnel investigation of the dynamic lateral stability and control characteristics of a tip-to-tip bomber-fighter coupled airplane configuration	Bennett, Charles V; Cadman, Robert B	4-Apr-51	19930086600	NACA-RM-L51A12
Flight determination of the drag and pressure recovery of an NACA 1-40-250 nose inlet at Mach numbers from 0.9 to 1.8	Sears, R I; Merlet, C F	1-Jul-55	19930084099	NACA-TN-3218
Evaluation of piston-type gas-generator engine for subsonic transport operation.	Lietzke, A F; Henneberry, Hugh M	15-Jul-49	19930085845	NACA-RM-E9D01
Langley full-scale-tunnel investigation of the maximum lift and stalling characteristics of a trapezoidal wing of aspect ratio 4 with circular-arc airfoil sections	Lange, Roy H	17-Oct-47	19930085693	NACA-RM-L7H19
Corrosion of metals of construction by alternate exposure to liquid and gaseous fluorine	Gundzik, Richard M; Feiler, Charles E	1-Dec-54	19930084127	NACA-TN-3333
Preliminary investigations of the use of afterglow for visualizing low-density compressible flows	Williams, Thomas W; Benson, James M	1-Jun-49	19930082570	NACA-TN-1900
Compilation and analysis of U.S. turbojet and ram-jet engine characteristics	Cesaro, Richard S; Walker, Curtis L	27-Nov-56	19930089623	NACA-RM-S56K19
Calculated effects of the lateral acceleration derivatives on the dynamic lateral stability of a delta-wing airplane	Campbell, John P; Woodling, Carroll H	25-Jan-55	19930088616	NACA-RM-L54K26
Considerations affecting hydro-ski airplane design	Wadlin, Kenneth L	17-Nov-53	19930088301	NACA-RM-L53I28b
The Effect of Compressibility on the Growth of the Laminar Boundary Layer on Low-Drag Wings and Bodies	Allen, Julian; Nitzberg, Gerald E	1-Jul-47	19930081842	NACA-TN-1255
The problem of noise reduction with reference to light airplanes	Theodorsen, Theodore; Regier, Arthur A	1-Aug-46	19930081805	NACA-TN-1145
Performance of variable two-dimensional inlet designed for engine-inlet matching I : performance at design Mach number of 3.07	Beheim, M A; Gertsma, L W	20-Oct-56	19930089586	NACA-RM-E56H23
Theoretical and experimental investigation of the effect of yaw on heat transfer to circular cylinders in hypersonic flow	Eggers, A J , Jr; Hansen, Frederick; Cunningham, Bernard E	25-Jul-55	19930088716	NACA-RM-A55E02
Internal characteristics and performance of several jet deflectors at primary-nozzle pressure ratios up to 3.0	Mcardle, Jack G	1-Jun-58	19930085291	NACA-TN-4264
Analysis of V-G Records from the SNB-1 Airplane	Meadows, May T.; Walker, Walter G.	1-Jul-46	19930093672	NACA-WR-L-759, NACA-MR-L6F27a
Drag data for 16-inch-diameter ram-jet engine with double-cone inlet in free flight at Mach numbers from 0.7 to 1.8	Jones, Merle L; Rabb, Leonard; Simpkins, Scott H	25-Oct-54	19930088367	NACA-RM-E54H02

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Some experiments at high supersonic speeds on the aerodynamic and boundary-layer transition characteristics of high-drag bodies of revolution	Seiff, Alvin; Sommer, Simon C; Canning, Thomas N	14-Jan-57	19930090323	NACA-RM-A56I05
Fatigue behavior of aircraft structural beams	Hylar, W S; Popp, H G; Gordon, S A; Grover, H J; Gideon, D N	1-Jan-58	19930084956	NACA-TN-4137
Longitudinal stability and control characteristics at high subsonic speeds of two models of a transonic research airplane with wings and horizontal tails of aspect ratios 4.2 and 2	Luoma, Arvo A; Wright, John B	29-Sep-50	19930086257	NACA-RM-L50H07
Effects of boundary-layer displacement and leading-edge bluntness on pressure distribution, skin friction, and heat transfer of bodies at hypersonic speeds	Bertram, Mitchel H; Henderson, Arthur, Jr	1-Jul-58	19930085038	NACA-TN-4301
Two-dimensional diffusion theory analysis of reactivity effects of a fuel-plate-removal experiment	Gotsky, Edward R; Cusick, James P; Bogart, Donald	1-Jan-58	19930084992	NACA-TN-4164
Internal characteristics and performance of an aerodynamically controlled, variable-discharge convergent nozzle	Mcardle, Jack G	1-Jul-58	19930085094	NACA-TN-4312
Friction and wear	Pomey, Jacques	1-Mar-52	19930093912	NACA-TM-1318
Aerodynamic control of supersonic inlets for optimum performance	Wilcox, Fred A; Perchonok, Eugene	20-Feb-56	19930089004	NACA-RM-E55L14
Bibliography of unclassified aircraft-fire literature	Weiss, Solomon; Pesman, Gerard J	10-Nov-49	19930086065	NACA-RM-E9H03
Linearized supersonic axially symmetric flow about open-nosed bodies obtained by use of stream function	Moore, Franklin	1-Jun-50	19930082817	NACA-TN-2116
Performance of a supersonic mixed-flow rotor with a swept leading edge and 0.52 inlet radius ratio	Goldstein, Author W; Schacht, Ralph L	20-Nov-53	19930088059	NACA-RM-E53H27
A study of the response of panels to random acoustic excitation	Hess, Robert W; Lassiter, Leslie W; Hubbard, Harvey H	15-Jul-55	19930088725	NACA-RM-L55E13c
Cooling of gas turbine III : analysis of rotor and blade temperature in liquid-cooled gas turbine	Brown, W Byron; Livingood, John N	11-Feb-47	19930085662	NACA-RM-E7B11c
Studies of von Karman's similarity theory and its extension to compressible flows : a similarity theory for turbulent boundary layer over a flat plate in compressible flow	Lin, C C; Shen, S F	1-Nov-51	19930083440	NACA-TN-2542
Column and plate compressive strengths of aircraft structural martials extruded 0-1HTA magnesium alloy	Heimerl, George J; Niles, Donald E	1-Jan-47	19930081828	NACA-TN-1156
Application of the Laplace transformation to the solution of the lateral and longitudinal stability equations	Mokrzycki, G A	1-Jan-50	19930082666	NACA-TN-2002
Flight measurements of the low-speed characteristics of a 35 degree swept-wing airplane with blowing-type boundary-layer control in the trailing-edge flaps	Anderson, Seth B; Quigley, Hervey C; Innis, Robert C	25-Oct-56	19930089460	NACA-RM-A56G30
A preliminary investigation of the pressure recovery of several two-dimensional supersonic inlets at Mach number of 2.01	Comenzo, Raymond J	23-Jun-54	19930088232	NACA-RM-L54D14

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Application of statistical theory to beam-rider guidance in the presence of noise I : Wiener filter theory	Stewart, Elwood C	23-Aug-55	19930088776	NACA-RM-A55E11
Fatigue strengths of aircraft materials : axial load fatigue tests on unnotched sheet specimens of 24S-T3 and 75S-T6 aluminum alloys and of SAE 4130 steel	Grover, H J; Bishop, S M; Jackson, L R	1-Mar-51	19930083007	NACA-TN-2324
Performance of a supersonic rotor having high mass flow	Schacht, Ralph L; Goldstein, Arthur W; Neumann, Harvey E	19-Jul-54	19930088257	NACA-RM-E54D22
Investigation at high subsonic speeds of the lateral and longitudinal stability characteristics of A 0.042-scale model of the Chance Vought XF8U-1 airplane : TED No. NACA DE 392	Silvers, H Norman; Fournier, Paul G	20-Oct-54	19930088455	NACA-RM-SL54J19
Drag and static stability at low lift of rocket-powered models of the Convair MX-1626 airplane at Mach numbers form 0.7 to 1.5	Hall, James R; Hopko, Russell N	1-Jan-53	19930087751	NACA-RM-SL53F09a
A wind-tunnel investigation of bomb release at a Mach number of 1.62	Rainey, Robert W	19-Mar-54	19930088071	NACA-RM-L53L29
Wind-tunnel tests and analysis of three 10-foot-diameter three-blade tractor propellers differing in pitch distribution	Gilman, Jean, Jr	1-Aug-46	19930093341	NACA-WR-L-712, NACA-ARR-L6E22
Compressive buckling of simply supported curved plates and cylinders of sandwich construction	Stein, Manuel; Mayers, J	1-Jan-52	19930083434	NACA-TN-2601
Free-Spinning-Tunnel Investigation to Determine the Effect on Spins and Recoveries of Wing Leading-Edge Chord-Extensions and Drooped Leading-Edge Flaps on Scale Models of Two Sweptback-Wing Fighter Airplanes	Wilson, Jack H; Klinar, Walter J	6-May-53	19930087739	NACA-RM-L53C06
Altitude performance investigation of single- and double-annular turbojet-engine combustors with various size fuel nozzles	Harp, James L , Jr; Vincent, Kenneth R	9-Jun-52	19930086936	NACA-RM-E51L14
Mach number measurements and calibrations during flight at high speeds and at high altitudes including data for the D-558-II research airplane	Brunn, Cyril D; Stillwell, Wendell H	12-Mar-56	19930089147	NACA-RM-H55J18
An experimental investigation of the transonic-flow-generation and shock-wave-reflection characteristics of a two-dimensional wind tunnel with 24-percent-open, deep, multislotted walls	Sellers, Thomas B; Davis, Don D; Stokes, George M	10-Dec-53	19930087930	NACA-RM-L53J28
Experimental investigation of an axial flow compressor inlet stage operating at transonic relative inlet Mach numbers I : over-all performance of stage with transonic rotor and subsonic stators up to rotor relative inlet Mach number of 1.1	Lieblein, Seymour; Lewis, George W , Jr; Sandercock, Donald M	10-Mar-52	19930086942	NACA-RM-E52A24
An experimental investigation of the effects of Mach number, stabilizer dihedral, and fin torsional stiffness on the transonic flutter characteristics of a tee-tail	Land, Norman S; Fox, Annie G	23-Oct-57	19930089547	NACA-RM-L57A24
Effects of sweep on controls	Lowry, John G; Axelson, John A; Johnson, Harold I	3-Jun-48	19930085373	NACA-RM-L8A28c
An experimental study of orifice coefficients, internal strut pressures, and loads on a small oleo-pneumatic shock strut	Walls, James H	1-Apr-55	19930084272	NACA-TN-3426

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Control effectiveness and hinge-moment measurements at a Mach number of 1.9 of a nose flap and trailing-edge flap on a highly tapered low- aspect-ratio wing	Mitchell, Meade H , Jr; Conner, D William	10-Jan-49	19930085589	NACA-RM-L8K17a
Investigation of statistical nature of fatigue properties	Epremian, E; Mehl, R F	1-Jun-52	19930083321	NACA-TN-2719
Flight investigation of the effect of a propulsive jet positioned according to the transonic area rule on the drag coefficients of a single-engine delta-wing configuration at Mach numbers from 0.83 to 1.36	Judd, Joseph H; Falanga, Ralph A	13-Apr-56	19930089355	NACA-RM-L56A16
General handling-qualities results obtained during acceptance flight tests of the Bell XS-1 airplane	Williams, Walter C; Forsyth, Charles M; Brown, Beverly P	19-Apr-48	19930085327	NACA-RM-L8A09
Compressive buckling of flat rectangular metalite type sandwich plates with simply supported loaded edges and clamped unloaded edges	Seide, Paul	1-May-49	19930082916	NACA-TN-1886
Heat transfer on the lifting surfaces of a 60 degree delta wing at angle of attack for Mach number 1.98	Carter, Howard S	31-May-56	19930089153	NACA-RM-L56C23
Effects of fences, leading-edge chord extensions, boundary-layer ramps, and trailing-edge flaps on the longitudinal stability of a twisted and cambered 60 degree sweptback-wing-indented-body configuration at transonic speeds	Fischetti, Thomas L	17-Jun-54	19930088199	NACA-RM-L54D09a
Zero-angle-of-attack performance of two-dimensional inlets near Mach number 3	Woollett, Richard R; Connors, James F	29-Feb-56	19930093760	NACA-RM-E55K01
Additional experimental heat-transfer and durability data on several forced-convection, air-cooled, strut-supported turbine blades of improved design	Schum, Eugene F	19-Jan-55	19930088468	NACA-RM-E54J25
Performance characteristics at Mach numbers to 2.0 of various types of side inlets mounted on fuselage of proposed supersonic airplane I : two-dimensional compression-ramp inlets with semicircular cowls	Valerino, Alfred S	16-Jul-52	19930087015	NACA-RM-E52E02
Drag interference between a pointed cylindrical body and triangular wings of various aspect ratios at Mach numbers of 1.50 and 2.02	Katzen, Elliott D; Kaattari, George E	23-May-51	19930086571	NACA-RM-A51C27
Preliminary analysis of NACA measurements of atmospheric turbulence within a thunderstorm - U.S. Weather Bureau thunderstorm project	Tolefson, Harold B	1-Mar-47	19930081878	NACA-TN-1233
Theoretical investigation of velocity diagrams of a single-stage turbine for a turbojet engine at maximum thrust per square foot turbine frontal area	Cohen, Leo	1-Jun-52	19930083384	NACA-TN-2732
Effect of an unswept wing on the contribution of unswept-tail configuration to the low-speed static and rolling-stability derivatives of a midwing airplane model	Letko, William; Riley, Donald R	1-Aug-50	19930082786	NACA-TN-2175
Investigation of the fuselage interference on a Pitot-static tube extending forward from the nose of the fuselage	Letko, William	1-Dec-47	19930082152	NACA-TN-1496
Theory and apparatus for measurement of emissivity for radiative cooling of hypersonic aircraft with data for Inconel and Inconel X	O'Sullivan, William J , Jr; Wade, William R	1-Oct-57	19930084835	NACA-TN-4121

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Downwash and wake behind untapered wings of various aspect ratios and angles of sweep	Hoggard, H Page, Jr; Hagerman, John R	1-Oct-48	19930082392	NACA-TN-1703
Review of current and anticipated lubricant problems in turbojet engines		20-Apr-51	19930086593	NACA-RM-51D20
Minimum drag of the Chance Vought XF8U-1 airplane as determined from the flight test of a 0.11-scale rocket-boosted model at Mach numbers between 0.73 and 1.71 : TED No. NACA DE 392	Hastings, Earl C , Jr	15-Mar-56	19930089140	NACA-RM-SL56C19
On subsonic compressible flows by a method of correspondence I - methods for obtaining subsonic circulatory compressible flows about two-dimensional bodies	Gelbart, Abe	1-Mar-47	19930081924	NACA-TN-1170
The effects of a modified roll-command system on the flight-path stability and tracking accuracy of an automatic interceptor	Triplett, William C	4-Mar-58	19930089922	NACA-RM-A57L11a
Aerodynamics of slender bodies at Mach number of 3.12 and Reynolds numbers from 2 x 10(exp 6) to 15 x 10(exp 6) : body of revolution with near-parabolic forebody and cylindrical afterbody	Jack, John R; Burgess, Warren C	13-Nov-51	19930086849	NACA-RM-E51H13
Instrument for measuring the wall shearing stress of turbulent boundary layers	Ludwig, H	1-May-50	19930093956	NACA-TM-1284
Measurement of aerodynamic forces for various mean angles of attack on an airfoil oscillating in pitch and on two finite-span wings oscillating in bending with emphasis on damping in the stall	Rainey, A Gerald	1-May-56	19930084402	NACA-TN-3643
The aerodynamic design and calibration of an asymmetric variable Mach number nozzle with a sliding block for the Mach number range 1.27 to 2.75	Burbank, Paige B; Byrne, Robert W	1-Apr-53	19930083639	NACA-TN-2921
A technique utilizing rocket-propelled test vehicles for the measurement of the damping in roll of sting-mounted models and some initial results for delta and unswept tapered wings	Bland, William M , Jr; Sandhal, Carl A	1-May-55	19930084067	NACA-TN-3314
Wind-tunnel investigation at subsonic and low transonic speeds of the effects of aileron span and spanwise location on the rolling characteristics of a test vehicle with three untapered 45 degree sweptback wings	Johnson, Harold S	6-Apr-51	19930086533	NACA-RM-L51B16
Preliminary investigation of use of conical flow separation for efficient supersonic diffusion	Moeckel, W E; Evans, P J , Jr	17-Dec-51	19930090411	NACA-RM-E51J08
Effect of camber and twist on the stability characteristics of models having a 45 degree swept wing as determined by the free-fall method at transonic speeds	White, Maurice D	29-Aug-52	19930087169	NACA-RM-A52F16
A new simple interferometer for obtaining quantitatively evaluable flow patterns	Erdmann, S F	1-Nov-53	19930093867	NACA-TM-1363
Minimum ignition of six pure hydrocarbon fuels of the C2 and C6 series	Metzler, Allen J	11-Aug-52	19930087222	NACA-RM-E52F27
Compressive buckling of simply supported plates with transverse stiffeners	Budiansky, Bernard; Seide, Paul	1-Apr-48	19930082361	NACA-TN-1557
Bending tests of ring-stiffened circular cylinders	Peterson, James P	1-Jul-56	19930084496	NACA-TN-3735

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The effect of modifications to the horizontal-tail profile on the high-speed longitudinal control of a pursuit airplane	Hall, Charles F	1-Aug-47	19930081931	NACA-TN-1302
Effects of compressibility on the characteristics of five airfoils	Daley, Bernard N	24-Apr-47	19930085776	NACA-RM-L6L16
Effect of rotor leading-edge sweepback on performance of a transonic turbine	Stewart, Warner L; Wong, Robert Y	29-Apr-55	19930088674	NACA-RM-E55C04
A metallurgical investigation of two large discs of CSA alloy	Reynolds, E E; Freeman, J W; White, A E	1-Sep-48	19930082213	NACA-TN-1533
Effect of diffusion processes and temperature on smoking tendencies of laminar diffusion flames	Schalla, Rose L	15-Dec-53	19930088010	NACA-RM-E53J12
Icing properties of noncyclonic winter stratus clouds	Lewis, William	1-Sep-47	19930082035	NACA-TN-1391
Experimental investigation of extreme internal flow turning at the cowl lip of an axisymmetric inlet at a Mach number of 2.95	Weston, Kenneth C; Kowalski, Kenneth L	13-May-58	19930090047	NACA-RM-E58A27a
Large-scale flight measurements of zero-lift drag and low-lift longitudinal characteristics of a diamond-wing-body combination at Mach numbers from 0.725 to 1.54	Wallskog, Harvey A; Morrow, John D	20-Apr-53	19930087776	NACA-RM-L53C17
Investigation of an NACA 4-(5)(05)-041 four-blade propeller with several spinners at Mach numbers up to 0.90	Reynolds, Robert M; Buell, Donald A; Walker, John H	24-Dec-52	19930087796	NACA-RM-A52I19a
Investigation of a three-blade propeller in combination with two different spinners and an NACA D-type cowl at Mach numbers up to 0.80	Reynolds, Robert M; Kenyon, George C	21-Apr-54	19930088133	NACA-RM-A54B18a
Preliminary investigation of the effects of cascading on the oscillating lift force of an airfoil vibrated in bending	Johnson, Donald F; Mendelson, Alexander	9-Sep-53	19930087816	NACA-RM-E53F29
Low-speed measurements of static stability, damping in yaw, and damping in roll of a delta, a swept, and an unswept wing for angles of attack from 0 degrees to 90 degrees	Johnson, Joseph L, Jr	13-Apr-56	19930089181	NACA-RM-L56B01
Flight determination of drag of normal-shock nose inlets with various cowling profiles at Mach numbers from 0.9 to 1.5	Sears, R I; Merlet, C F; Putland, L W	22-Oct-53	19930087936	NACA-RM-L53I25a
Bonding of molybdenum disulfide to various materials to form a solid lubricating film I : the bonding mechanism	Godfrey, Douglas; Bisson, Edmond E	1-Feb-52	19930083471	NACA-TN-2628
Theoretical investigation of some discontinuous yaw dampers	Kuehnel, Helmut A; Phillips, William H	5-Apr-54	19930088153	NACA-RM-L54B24a
Effect of horizontal-tail location on low-speed static longitudinal stability and damping in pitch of a model having 45 degrees sweptback wing and tail surfaces	Lichtenstein, Jacob H	1-Jun-51	19930087864	NACA-TN-2381
Stresses in and general instability of monocoque cylinders with cutouts VIII : calculation of the buckling load of cylinders with long symmetric cutout subjected to pure bending	Hoff, N J; Boley, Bruno A; Mandel, Mervin W	1-Oct-49	19930083204	NACA-TN-1963
Summary evaluation of toothed-nozzle attachments as a jet-noise-suppression device	North, Warren J	1-Jul-55	19930084227	NACA-TN-3516
Effect of fuselage air brakes on the longitudinal stability characteristics of a swept wing fighter model at transonic speeds	Arabian, Donald D	24-Apr-56	19930089201	NACA-RM-L56A25a

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An analysis of the tracking performances of two straight-wing and two swept-wing fighter airplanes with fixed sights in a standardized test maneuver	Ziff, Howard L; Rathert, George A; Gadeberg, Burnett L	22-Oct-53	19930087836	NACA-RM-A53H12
Aerodynamic study of a wing-fuselage combination employing a wing swept back 63 degrees : effects at subsonic speeds of a constant-chord elevon on a wing cambered and twisted for a uniform load at a lift coefficient of 0.25	Jones, J Lloyd; Demele, Fred A	5-Dec-49	19930085983	NACA-RM-A9I27
An investigation of the transonic area rule by flight tests of a sweptback wing on a cylindrical body with and without body indentation between Mach numbers 0.9 and 1.8	Hoffman, Sherwood	8-Dec-53	19930087956	NACA-RM-L53J20a
Bibliography of NACA reports related to aircraft control and guidance systems January 1949 - April 1954	Niewald, Roy J; Brewer, Jack D	19-Jul-54	19930088490	NACA-RM-54F01
Preliminary investigation of airfoil characteristics in the Langley annular transonic tunnel	Habel, Louis W; Henderson, James H	11-Aug-50	19930086160	NACA-RM-L50E18
Effect of channel geometry on the quenching of laminar flames	Barlad, A L; Potter, A E , Jr	6-May-54	19930088173	NACA-RM-E54C05
Estimation of the maximum angle of sideslip for determination of vertical-tail loads in rolling maneuvers	Stone, Ralph W , Jr	1-Feb-52	19930083491	NACA-TN-2633
The calculation of downwash behind supersonic wings with an application to triangular plan forms	Heaslet, Max A; Lomax, Harvard	1-Jun-48	19930082279	NACA-TN-1620
Flight-determined static lateral stability and control characteristics of a swept-wing fighter airplane to a Mach number of 1.39	Matranga, Gene J; Peele, James R	11-Mar-57	19930089538	NACA-RM-H57A16
Aerodynamic and hydrodynamic characteristics of models of some aircraft-towed mine-sweeping devices : TED No. NACA AR 8201	Shanks, Robert E	1-Dec-55	19930089212	NACA-RM-SL55K21
Flow of Gas Through Turbine Lattices	Deich, M E	1-May-56	19930093837	NACA-TM-1393
Apparent effect of inlet temperature on adiabatic efficiency of centrifugal compressors	Anderson, Robert J; Ritter, William K; Parsons, Shirley R	1-Feb-48	19930082223	NACA-TN-1537
Aerodynamic characteristics at supersonic speeds of a series of wing-body combinations having cambered wings with an aspect ratio of 3.5 and a taper ratio of 0.2 : effects of sweep angle and thickness ratio on the static lateral stability characteris	Hilton, John H , Jr; Spearman, M Leroy	21-Jan-52	19930087884	NACA-RM-L51K15a
A method of measuring jet thrust of turbojet engines in flight installations	Sivo, Joseph N; Fenn, David B	21-Jan-54	19930093782	NACA-RM-E53J15
Extension of the theory of oscillating airfoils of finite span in subsonic compressible flow	Reissner, Eric	1-Feb-51	19930082949	NACA-TN-2274
Investigations of air-cooled turbine rotors for turbojet engines II : mechanical design, stress analysis, and burst test of modified J33 split-disk rotor / Richard H. Kemp and Merland L. Moseson	Kemp, Richard H; Moseson, Merland L	14-Jan-52	19930086948	NACA-RM-E51J03
An analytical investigation of effect of high-lift flaps on take-off of light airplanes	Weick, Fred E; Flanagan, L E , Jr; Cherry, H H	1-Sep-51	19930083224	NACA-TN-2404
Measurements of runway roughness of four commercial airports	Potter, Dexter M	7-Jan-57	19930089449	NACA-RM-L56I26

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Analytical study of losses at off-design conditions for a fixed geometry turbine	Stewart, Warner L; Evans, David G	4-Feb-54	19930087342	NACA-RM-E53K06
Effects of sweep and angle of attack on boundary-layer transition on wings at Mach number 4.04	Dunning, Robert W; Ulmann, Edward F	1-Aug-55	19930084247	NACA-TN-3473
Wing-load measurements at supersonic speeds of the Douglas D-558-II research airplane	Robinson, Glenn H; Cothren, George E , Jr; Pembo, Chris	30-Mar-55	19930088812	NACA-RM-H54L27
Effect of full-span trailing-edge elevons on the transonic longitudinal aerodynamic characteristics of a wing-body combination having a 3-percent-thick triangular wing with 60 degree leading-edge sweep	Critzos, Chris C; Foss, Willard E , Jr	19-Sep-57	19930089746	NACA-RM-L57G03
Normal force, center of pressure, and zero lift drag of several ballistic-type missiles at Mach numbers of 4.05	Ulmann, Edward F; Dunning, Robert W	6-Jul-54	19930088293	NACA-RM-L54D30a
Investigation at Mach number 1.91 of spreading characteristics of jet expanding from choked nozzles	Rousso, Morris D; Baughman, L Eugene	11-Jan-52	19930087856	NACA-RM-E51L19
Wind-tunnel investigation and analysis of the effects of end plates on the aerodynamic characteristics of an unswept wing	Riley, Donald R	1-Aug-51	19930083058	NACA-TN-2440
Experimental convective heat transfer to a 4-inch and 6-inch hemisphere at Mach numbers from 1.62 to 3.04	Chauvin, Leo T; Maloney, Joseph P	3-Feb-54	19930090586	NACA-RM-L53L08a
Results of rocket model test of an airplane configuration having an arrow wing and slender flat-sided fuselage : lift, drag, longitudinal stability, lateral force, and jet effects at Mach numbers between 1.0 and 2.3	Peck, Robert F	21-Feb-56	19930089221	NACA-RM-L55L29
Experimental investigation of rotating stall and blade vibration in the axial-flow compressor of a turbojet engine	Huppert, Merle C; Calvert, Howard F; Meyer, Andre J	26-Apr-54	19930088108	NACA-RM-E54A08
Preliminary investigation of a submerged inlet and a nose inlet in the transonic flight range with free-fall models	Selna, James	18-Jun-51	19930086501	NACA-RM-A51B14
Tabulated pressure coefficients and aerodynamic characteristics measured in flight on the wing of the D-558-I research airplane through a Mach number range of 0.80 to 0.89 and throughout the normal-force-coefficient range at Mach numbers of 0.61, 0.7	Keener, Earl R; Bandish, Rozalia M; NACA	20-Aug-51	19930086693	NACA-RM-L51F12
Comparison between the measured and theoretical span loadings on a moderately swept-forward and a moderately swept-back semispan wing	Mendelsohn, Robert A; Brewer, Jack D	1-Jul-47	19930081976	NACA-TN-1351
Free-spinning characteristics of a 1/21-scale model of the Douglas AD-3W Airplane : TED No. NACA DE 329	Lee, Henry A	14-Aug-51	19930086827	NACA-RM-SL51H09
Summary of the theoretical lift, damping-in-roll, and center-of-pressure characteristics of various wing plan forms at supersonic speed	Piland, Robert O	1-Oct-49	19930082644	NACA-TN-1977
Jet effects on longitudinal trim of an airplane configuration measured at Mach numbers between 1.2 and 1.8	Peck, Robert F	18-Jan-55	19930088428	NACA-RM-L54J29a

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Investigation of a variable Mach number supersonic tunnel with nonintersecting characteristics	Evvard, John C; Wyatt, Demarquis D	15-Nov-48	19930090349	NACA-RM-E8J13
Tooth-type noise-suppression devices on a full-scale axial-flow turbojet engine	Callaghan, Edmund E; Howes, Walton; North, Warren	29-Mar-54	19930088221	NACA-RM-E54B01
Wind-tunnel investigation of the effects of component build-up on the lift, drag, and stability of a 0.05-scale model of the YF-108A airplane at M = 2.5 and 3.0 : COORD No. AF-AM-157	Lampkin, Bedford A; Bandettini, Angelo; Lyman, E Gene	11-Aug-58	19930090245	NACA-RM-SA58H11
Aerodynamic study of a wing-fuselage combination employing a wing swept back 63 degrees : investigation of a large-scale model at low speed	Mccormack, Gerald M; Walling, Walter C	21-Jan-49	19930085359	NACA-RM-A8D02
Analysis of turbomachine viscous losses affected by changes in blade geometry	Miser, James W; Stewart, Warner L; Whitney, Warren J	2-Oct-56	19930089348	NACA-RM-E56F21
Analytic evaluation of effect of inlet-air temperature and combustion pressure on combustion performance of boron slurries and blends of pentaborane in octene-1 : supplement I- influence of new boric-oxide vapor-pressure data on calculated performanc	Tower, Leonard K	25-May-56	19930089341	NACA-RM-E56D02
Effect of variable viscosity and thermal conductivity on high-speed slip flow between concentric cylinders	Lin, T C; Street, R E	1-Feb-53	19930083828	NACA-TN-2895
Longitudinal flying qualities of several single-rotor helicopters in forward flight	Gustafson, F B; Amer, Kenneth B; Haig, C R; Reeder, J P	1-Nov-49	19930082703	NACA-TN-1983
An experimental comparison of the Lagrangian and Eulerian correlation coefficients in homogeneous isotropic turbulence	Mickelsen, William R	1-Oct-55	19930084330	NACA-TN-3570
Investigation of altitude ignition, acceleration and steady-state operation with single combustor of J47 turbojet engine	Cook, William P; Butze, Helmut F	5-Mar-51	19930089064	NACA-RM-E51A25
The twisting effect at transonic speeds of spoiler ailerons on a 45 degree sweptback, aspect-ratio-4, tapered wing	Hammond, Alexander D; Graven, Jean C JR	7-Jan-54	19930088000	NACA-RM-L53K03a
Low-amplitude damping-in pitch characteristics of four tailless swept wing-body combinations at Mach numbers from 0.85 to 1.30 as obtained with rocket-powered models	D'Aiutolo, Charles T	24-Nov-54	19930088480	NACA-RM-L54I10
Aerodynamic characteristics of a wing with quarter-chord line swept back 45 degrees, aspect ratio 6, taper ratio 0.6, and NACA 65A006 airfoil section	Goodson, Kenneth W; Few, Albert G , Jr	1-Nov-49	19930086003	NACA-RM-L9I08
Theoretical lift due to wing incidence of slender wing-body-tail combinations at zero angle of attack	Sacks, Alvin H	1-Nov-56	19930084528	NACA-TN-3796
Wind-tunnel investigation at low and transonic speeds of the feasibility of self-actuating spoilers as a lateral-control device for a missile	Wiley, Harleth G; Hayes, William C JR	28-Jan-54	19930087976	NACA-RM-L53K27
The results of wind-tunnel tests to a Mach number of 0.90 of a four-engine, propeller-driven airplane configuration having a wing with 40 degrees of sweepback and an aspect ratio of 10	Edwards, George G; Dickson, Jerald K; Sutton, Fred B; Demele, Frank A	1-Sep-56	19930084552	NACA-TN-3789

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Influence of temperature on creep, stress-rupture and static properties of melamine-resin and silicone-resin glass-fabric laminates	Findley, William N; Peithman, Harlan W; Worley, Will J	1-Jan-56	19930084173	NACA-TN-3414
Determination of longitudinal handling qualities of the D-558-II research airplane at transonic and supersonic speeds to a Mach number of about 2.0	Ankenbruck, Herman O	2-Nov-54	19930088510	NACA-RM-H54G29a
Tests of a triangular wing of aspect ratio 2 in the Ames 12-foot pressure wind tunnel III : the effectiveness and hinge moments of a skewed wing-tip flap	Kolbe, Carl D; Tinling, Bruce E	21-Sep-48	19930085431	NACA-RM-A8E21
Rocket-model investigation of longitudinal stability and drag characteristics of an airplane configuration having a 60 degree delta wing and a high unswept horizontal tail	Peck, Robert F; Mitchell, Jesse L	5-Jan-53	19930087370	NACA-RM-L52K04a
Friction and wear investigation of molybdenum disulfide I : effect of moisture	Peterson, Marshall B	1-Dec-53	19930083561	NACA-TN-3055
The development of jet-engine Nacelles for a high-speed bomber design	Dannenberg, Robert E	29-Aug-47	19930093810	NACA-RM-A7D10
Lift, drag, and pitching moment of low-aspect-ratio wings at subsonic and supersonic speeds : triangular wing of aspect ratio 4 with NACA 0005-63 thickness distribution, cambered and twisted for trapezoidal span load distribution	Phelps, E Ray; Smith, Willard G	2-Feb-51	19930086585	NACA-RM-A50K24b
The effects of leading-edge extensions, a trailing-edge extension, and a fence on the static longitudinal stability of a wing-fuselage-tail combination having a wing with 35 degrees of sweepback and an aspect ratio of 4.5	Selan, Ralph; Bandittini, Angelo	7-Aug-53	19930087691	NACA-RM-A53E12
Aerodynamic characteristics at high speeds of a two-blade NACA 10-(3)(062)-045 propeller and of a two-blade NACA 10-(3)(08)-045 propeller	Solomon, William	1-Oct-48	19930085387	NACA-RM-L8E26
Effect of reflex camber on the aerodynamic characteristics of a highly tapered moderately swept-back wing at Reynolds numbers up to 8,000,000	Conner, D William	1-Mar-47	19930081965	NACA-TN-1212
Use of a diffuser Mach number as a supersonic-inlet control parameter	Whalen, Paul P; Wilcox, Fred A	14-Sep-56	19930089419	NACA-RM-E56F05
Wind-tunnel investigation of the effect of spin on the aerodynamic characteristics of a 60-millimeter T-24 mortar shell with several tail-fin configurations	Kemp, William B , Jr; Hayes, William C , R	21-Mar-57	19930089652	NACA-RM-SL57C12
Flight measurements of the vibratory bending and torsional stresses on a modified supersonic propeller for forward Mach numbers up to 0.95	O'Bryan, Thomas C	1-Jun-58	19930085248	NACA-TN-4342
Water landing investigation of a model having a heavy beam loading and a 30 degree angle of dead rise	Batterson, Sidney A; Mcarver, A Ethelda	1-Feb-50	19930082675	NACA-TN-2015
Buffeting information obtained from rocket-propelled airplane models having thin unswept wings	Gillis, Clarence L	18-Oct-50	19930086358	NACA-RM-L50H22a
Vapor-fuel-distribution effects on combustion performance of a single tubular combustor	Mccafferty, Richard J	13-Dec-50	19930086367	NACA-RM-E50J03

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Low-speed lateral-control characteristics of an unswept wing with hexagonal airfoil sections and aspect ratio 2.5 equipped with spoilers and with sharp- and thickened-trailing-edge flap-type ailerons at a Reynolds number of 7.6×10^6 (exp 6)	Fitzpatrick, James E; Woods, Robert L	29-Apr-52	19930090445	NACA-RM-L52B15
A free-flight technique for measuring damping in roll by use of rocket-powered models and some initial results for rectangular wings	Edmondson, James L; Sanders, E Claude, Jr	20-Dec-49	19930085993	NACA-RM-L9I01
A survey of methods for determining stability parameters of an airplane from dynamic flight measurements	Greenberg, Harry	1-Apr-51	19930082979	NACA-TN-2340
Experimental investigation at high subsonic speeds to determine the rolling-stability derivatives of three wing-fuselage configurations	Sleeman, William C , Jr	27-Oct-54	19930088331	NACA-RM-L54H11
Theoretical study of the transonic lift of a double-wedge profile with detached bow wave	Vincenti, Walter G; Wagoner, Cleo B	1-Dec-52	19930083511	NACA-TN-2832
Investigation of the performance of a turbojet engine with variable-position compressor inlet guide vanes	Budinger, Ray E; Kaufman, Harold R	4-Oct-55	19930088536	NACA-RM-E54L23a
Method for calculating the aerodynamic loading on an oscillating finite wing in subsonic and sonic flow	Runyan, Harry L; Woolston, Donald S	1-Aug-56	19930084437	NACA-TN-3694
Effect of variation in diameter and pitch of rivets on compressive strength of panels with Z-section stiffeners : panels that fail by local buckling and have various values of width-to-thickness ratio for the webs of the stiffeners	Dow, Norris F; Hickman, William A	1-Nov-48	19930082433	NACA-TN-1737
Preliminary performance data obtained in a full-scale, free-jet investigation of a side-inlet supersonic diffuser	Seashore, Ferris L; Farley, John M	16-Jan-58	19930089791	NACA-RM-E57E24
Effect of tail surfaces on the base drag of a body of revolution at Mach numbers of 1.5 and 2.0	Spahr, J Richard; Dickey, Robert R	1-Apr-51	19930083086	NACA-TN-2360
Experimental investigation of a transonic axial-flow-compressor rotor designed for sonic inlet velocity with an inlet hub-tip radius of 0.35	Boxer, Emanuel; Bernot, Peter T	28-Sep-56	19930089306	NACA-RM-L56F14
The experimental determination of the moments of inertia of airplanes by a simplified compound-pendulum method	Gracey, William	1-Jun-48	19930082299	NACA-TN-1629
Wind-tunnel investigation of wing inlets for a four-engine airplane	Bartlett, Walter A , Jr; Goral, Edwin B	11-Mar-47	19930085765	NACA-RM-L6L11
Physical and chemical properties of HEF-2 (NACA FUEL 56Z4)	Spakowski, A E; O'Donnell, P; Buddie, M	8-Feb-57	19930089558	NACA-RM-E57B06
Performance and operational characteristics of pentaborane fuel in 48-inch-diameter ram-jet engine	Rayle, Warren D; Reilly Dwight H , JR; Farley, John M	24-Apr-57	19930089255	NACA-RM-E55K28
The measurement of pressure altitude on aircraft	Gracey, William	1-Oct-57	19930084876	NACA-TN-4127
Altitude performance characteristics of tail-pipe burner with variable-area exhaust nozzle	Jansen, Emmert T; Thorman, H Carl	11-Aug-50	19930086180	NACA-RM-E50E29
Some factors affecting the static longitudinal and directional stability characteristics of supersonic aircraft configurations	Spearman, M Leroy	12-Jul-57	19930089737	NACA-RM-L57E24a

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Ditching tests of a 1/18-scale model of the Lockheed Constellation Airplane.	Morris, Garland J; Fisher, Lloyd J	20-Apr-50	19930085599	NACA-RM-L8K18
A compilation of the pressures measured on a wing and aileron with various amounts of sweep in the Langley 8-foot high-speed tunnel	Whitcomb, Richard T	13-Apr-48	19930085529	NACA-RM-L8A30a
Aerodynamic coefficients for an oscillating airfoil with hinged flap, with tables for a Mach number of 0.7	Turner, M J; Rabinowitz, S	1-Oct-50	19930082860	NACA-TN-2213
Flight investigation of the cooling characteristics of a two-row radial engine installation II : cooling-air pressure recovery and pressure distribution	Morgan, James E; Hill, E John; Blackman, Calvin C	1-Jul-46	19930081761	NACA-TN-1109
Effects of spoiler ailerons on the aerodynamic load distribution over a 45 degree sweptback wing at Mach numbers from 0.60 to 1.03	Hallissy, Joseph M , Jr; West, F E , Jr; Liner, George	14-May-54	19930088193	NACA-RM-L54C17a
Aerodynamic loads on an external store adjacent to a 60 degree delta wing at Mach numbers from 0.75 to 1.96	Hadaway, William M	24-Apr-56	19930089175	NACA-RM-L56B02a
Effects of trailing-edge bluntness on the lift, drag, and pitching-moment characteristics of unswept, 45 degree swept, and 45 degree delta wings at Mach numbers of 1.41, 1.62, and 1.96	Goin, Kennith L; Westrick, Gertrude C	10-Jun-53	19930087830	NACA-RM-L53D13
An experimental investigation of the transonic-flow-generation and shock-wave-reflection characteristics of a two-dimensional wind tunnel with 17-percent-open perforated walls	SELLERS THOMAS B; Stakes, George M; Davis, Don D	26-Apr-54	19930088102	NACA-RM-L54B15a
Experimental investigation of a 0.4 hub-tip diameter ratio axial-flow compressor inlet stage at transonic inlet relative Mach numbers II : stage and blade-element performance	Montgomery, John C; Glaser, Frederick W	10-Jan-55	19930088504	NACA-RM-E54I29
Theoretical performance of some rocket propellants containing hydrogen, nitrogen, and oxygen	Miller, Riley O; Ordin, Paul M	26-May-48	19930085381	NACA-RM-E8A30
Calculated effects of geometric dihedral on the low-speed rolling derivatives of swept wings	Queijo, M J; Jaquet, Byron M	1-Oct-48	19930082427	NACA-TN-1732
Effect of several jet-engine air-inlet configurations on the low-speed static longitudinal stability characteristics and quantity flow of a 1/6-scale model of the MX-1764 airplane	Croom, Delwin R	12-Jan-54	19930088096	NACA-RM-SL54A06
Application of nonlinear aerodynamic stability characteristics to simplify missile control and guidance systems	Curfman, Howard J , Jr	15-Feb-55	19930088601	NACA-RM-L54L06a
Transient data obtained during altitude starts of J47-GE-17 afterburner	Jansen, Emmert T; Harvey, Ray W , Sr	1-Jan-52	19930090600	NACA-RM-E52J17
Effects of nacelle position on wing-nacelle interference	McIelllan, Charles H; Cangelosi, John I	1-Jun-48	19930082243	NACA-TN-1593
Sideslip angles and vertical-tail loads developed by periodic control deflections	Lomax, Harvard	1-Jan-48	19930082187	NACA-TN-1504
The performance of conical supersonic scoop inlets on circular fuselages	Hasel, Lowell E	17-Nov-53	19930087904	NACA-RM-L53I14a
Theoretical motions of hydrofoil systems	Imlay, Frederick H	23-Jan-47	19930093802	NACA-RM-L6I26a
The resistance to air flow of porous materials suitable for boundary-layer-control applications using area suction	Dannenberg, Robert E; Weiberg, James A; Gambucci, Bruno J	1-Jan-54	19930083791	NACA-TN-3094

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Relation of engine turbine-blade life to stress-rupture properties of the alloys, Stellite 21, Hastelloy B, Cast S-816, Forged S-816, X-40, Nimonic 80, Refractory 26, N-155, and Inconel X	Garrett, F B; Yaker, C	23-Aug-51	19930090539	NACA-RM-E51G13
An analytical study of the effects of increasing fin chord on the lift and longitudinal stability characteristics of constant-span fin-body combinations of fineness ratio 14	English, Roland D	17-Jan-57	19930089504	NACA-RM-L56J16
The effect of external stiffening ribs on the rolling power of ailerons on a swept wing	Stephens, Emily W	25-Oct-56	19930089269	NACA-RM-L56D19
Regenerative-cooling studies in a 5000-pound-thrust liquid-oxygen - JP-4 rocket engine operated at 6000-pounds-per-square-inch combustion-chamber pressure	Tischler, Adelbert O; Humphrey, Jack C	1-Jan-56	19930089246	NACA-RM-E56B02
Effects of leading-edge radius on the longitudinal stability characteristics of two 60 degree sweptback wings at high Reynolds numbers	Schneider, William C	19-Mar-56	19930089232	NACA-RM-L55L30
Comparative tests of the rolling effectiveness of constant-chord, full-delta, and half-delta ailerons on delta wings at transonic and supersonic speeds	Sandahl, Carl A; Strass, H Kurt	12-Dec-49	19930086137	NACA-RM-L9J26
Aerodynamic characteristics at a Mach number of 1.38 of four wings of aspect ratio 4 having quarter-chord sweep angles of 0 degrees, 35 degrees, 45 degrees, and 60 degrees	Kemp, William B , Jr; Goodson, Kenneth W; Booth, Robert A	10-Oct-50	19930086289	NACA-RM-L50G14
On force-deflection diagrams of airplane shock absorber struts : first, second, and third partial reports	Schlaefke, Karlhans	1-Nov-54	19930093857	NACA-TM-1373
Performance characteristics of one convergent and three convergent-divergent nozzles	Krull, H George; Steffen, Fred W	29-Sep-52	19930087293	NACA-RM-E52H12
Drag and heat transfer on a parabolic body of revolution (NACA RM-10) in free flight to Mach number 2 with both constant and varying Reynolds number and heating effects on turbulent skin friction	Maloney, Joseph P	17-Jun-54	19930088393	NACA-RM-L54D06
Preliminary investigation of performance and starting characteristics of liquid fluorine : liquid oxygen mixtures with jet fuel	Rothenberg, Edward A; Ordin, Paul M	6-Jan-54	19930086968	NACA-RM-E53J20
Laboratory investigation of an autopilot utilizing a mechanical linkage with a dead spot to obtain an effective rate signal	Seaberg, Ernest C	1-Dec-55	19930084280	NACA-TN-3602
Generalized linearized conical flow	Hayes, W D; Roberts, R C; Haaser, N	1-Mar-51	19930083764	NACA-TN-2667
Flight investigation at supersonic Mach numbers of an automatic acceleration control missile in which rate damping is obtained from a linear accelerometer placed ahead of the missile center of gravity	Seaberg, Ernest C; Sproull, Royce H; Reid, H J E , Jr	8-Nov-55	19930088908	NACA-RM-L55G29
Effects of sweep on the damping-in-roll characteristics of three sweptback wings having an aspect ratio of 4 at transonic speeds	Lockwood, Vernard E	14-Dec-50	19930086634	NACA-RM-L50J19

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The effects of extensible rocket racks on lift, drag, and stability of a 1/10-scale rocket-boosted model of the McDonnell XF3H-1 airplane for a Mach number range of 0.60 to 1.34 : TED No. NACA DE 31	Crabill, Norman L	16-Jun-53	19930087628	NACA-RM-SL53F15
Lateral-Stability Flight Test of a 0.125-Scale Rocket-Propelled Model of the McDonnell F-101A Airplane at Mach Numbers from 1.0 to 1.9	Hollinger, James A; Coltrane, Lucille C	17-Apr-56	19930089370	NACA-RM-SL56D20
Analysis of turbojet and ram-jet engine cycles using various fuels	Wilcox, E Clinton; Weber, Richard J; Tower, Leonard K	27-Nov-56	19930089571	NACA-RM-E56I19a
A plan-form parameter for correlating certain aerodynamic characteristics of swept wings	Diederich, Franklin, W	1-Apr-51	19930082969	NACA-TN-2335
Aerodynamic characteristics of a wing with quarter chord line swept back 45 degrees, aspect ratio 4, taper ratio 0.3, and NACA 65A006 airfoil section transonic-bump method	Myers, Boyd C , II; King, Thomas J , Jr	20-Jul-49	19930086027	NACA-RM-L9E25
Performance of four experimental high btu-per-gallon fuels in a single turbojet combustor	Jonash, Edmund R; Metzler, Allen; Butze, Helmut F	3-Nov-55	19930089019	NACA-RM-E55H10
Formulas and charts for the supersonic lift and drag of flat swept-back wings with interacting leading and trailing edges	Cohen, Doris	1-May-50	19930082904	NACA-TN-2093
Investigation of the effects of leading-edge flaps on the aerodynamic characteristics in pitch at Mach numbers from 0.40 to 0.93 of a wing-fuselage configuration with a 45 degree sweptback wing of aspect ratio 4	Spreemann, Kenneth P; Alford, William J , Jr	20-Aug-53	19930087652	NACA-RM-L53G13
Flight investigation of the stability and control characteristics of vertically rising airplane research model with swept or unswept wings and x- or +-tails	Kirby, Robert H	1-Oct-56	19930084609	NACA-TN-3812
Stability characteristics at low speed of a 1/4-scale Bell X-5 airplane model with various modifications to the basic model configurations	Becht, Robert E; Few, Albert G , Jr	16-Aug-50	19930086242	NACA-RM-L50F23
Summary of results of a wind-tunnel investigation of nine related horizontal tails	Dods, Jules B , Jr; Tinling, Bruce E	1-Jul-55	19930084389	NACA-TN-3497
Measurements of fluctuating pressures on a 1/4-scale model of the X-1 airplane with a 10-percent-thick wing in the Langley 16-foot transonic tunnel	Habel, Louis W; Steinberg, Seymour	7-Jan-53	19930087362	NACA-RM-L52J31
Aerodynamic characteristics of several modifications of a 0.45-scale model of the vertical tail of the Curtiss XP-62 airplane	Liddell, Robert B	1-Jul-46	19930093698	NACA-WR-L-736, NACA-MR-L6F27
Effect of fuel drop size and injector configuration on screaming in a 200-pound-thrust rocket engine using liquid oxygen and heptane	Feiler, Charles E	11-Jul-58	19930089879	NACA-RM-E58A20a
Methods of predicting helicopter stability	Tapscott, Robert J; Gustafson, F B	2-Nov-54	19930090308	NACA-RM-L54G05
Investigation of vertical drag and periodic airloads acting on flat panels in a rotor slipstream	Makofski, Robert A; Menkick, George F	1-Dec-56	19930084780	NACA-TN-3900
Design and performance of fuel control for aircraft hydrogen fuel system	Otto, Edward W; HILLER KIRBY W; Ross, Phil S	19-Aug-57	19930089854	NACA-RM-E57F19
Comparison of free-flight measurements of the zero-lift drag rise of six airplane configurations and their equivalent bodies of revolution at transonic speeds	Hall, James Rudyard	5-Jan-54	19930087966	NACA-RM-L53J21a

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Longitudinal and lateral stability characteristics of a low-aspect-ratio unswept-wing airplane model at Mach numbers of 1.82 and 2.01	Spearman, M Leroy; Driver, Cornelius	28-Jan-56	19930089469	NACA-RM-L56H06
Investigation of hydrocarbon ignition	Frank, Charles E; Blackham, Angus U	1-Jan-52	19930083244	NACA-TN-2549
Creep and creep-rupture characteristics of some riveted and spot-welded lap joints of aircraft materials	Mordfin, Leonard	1-Jun-55	19930084160	NACA-TN-3412
Chordwise and compressibility corrections to slender-wing theory	Lomax, Harvard; Sluder, Loma	1-Feb-51	19930083138	NACA-TN-2295
Effects on the Snaking Oscillation of the Bell X-1 Airplane of a Trailing-Edge Bulb on the Rudder	Drake, Hubert M; Clagett, Harry P	16-Jan-51	19930086461	NACA-RM-L50K01a
Investigation at transonic speeds of loading over a 30 degree sweptback wing of aspect ratio 3, taper ratio 0.2, and NACA 65A004 airfoil section mounted on a body	Arabian, Donald D	26-Sep-57	19930089766	NACA-RM-L57G09a
Effect of heat and power extraction on turbojet-engine performance III : analytical determination of effects of shaft-power extraction	Koutz, Stanley L; Hensley, Reece V; Rom, Frank E	1-Oct-50	19930082850	NACA-TN-2202
Tests in the Ames 40- by 80-foot wind tunnel of an airplane configuration with a variable-incidence triangular wing and an all-movable horizontal tail	Koenig, David G	25-Jun-53	19930087582	NACA-RM-A53D21
Preliminary Free-Jet Performance of XRJ43-MA-3 Flight-Weight Ram-Jet Engine at Mach Numbers of 2.35, 2.50, and 2.70	McAulay, John E.; Prince, William R.	18-Nov-55	19930088847	NACA-RM-E55G13
An investigation of loads on ailerons at transonic speeds	Runckel, Jack F; Gray, W H	27-May-55	19930088832	NACA-RM-L55E13
Performance parameters for jet-propulsion engines	Sanders, Newell D	1-Jul-46	19930081735	NACA-TN-1106
Heat transfer in isotropic turbulence during the final period of decay	Dunn, D W; Reid, W, H	1-Jun-58	19930085128	NACA-TN-4186
Investigation of torsion creep-to-rupture properties of N-155 alloy	Macgregor, C W; Walcott, F J , Jr	21-Aug-51	19930086666	NACA-RM-51E04
High-speed aerodynamic characteristics of a lateral-control model II : modified NACA 0012-64 section with a 26.6-percent-chord, plain, trailing-edge aileron; wing unswept and swept back 45 degrees	Krumm, Walter J; Anderson, Joseph L	15-Mar-50	19930086340	NACA-RM-A9L27
Two-dimensional symmetrical inlets with external compression	Ruden, P	1-Mar-50	19930093946	NACA-TM-1279
Computed performance of a composite engine based on experimental data for a single-cylinder conventional aircraft engine converted to compression-ignition operation	Mccoy, J Arnold; Szel, Frank	3-Feb-47	19930085632	NACA-RM-E7B03
An investigation of a supersonic aircraft configuration having a tapered wing with circular-arc sections and 40 degree sweepback : aerodynamic characteristics of the configuration equipped with a canard control surface at a Mach number of 1.89	Spearman, M Leroy; Plazzo, Edward B	18-Oct-54	19930088313	NACA-RM-L54H19
An analysis of buzzing in supersonic ram jets by a modified one-dimensional nonstationary wave theory	Trimpi, Robert L	18-Mar-52	19930086888	NACA-RM-L52A18
Analysis and preliminary investigation of eddy-current heating for icing protection of axial-flow-compressor blades	Dallas, Thomas; Ellisman, C	8-Aug-49	19930085965	NACA-RM-E9E06

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A theoretical analysis of the effect of time lag in an automatic stabilization system on the lateral oscillatory stability of an airplane	Sternfield, Leonard; Gates, Ordway B , Jr	1-Jan-50	19930083123	NACA-TN-2005
Investigation of effects of several fuel-injection locations on operational performance of a 20-inch ram jet	Sterbentz, W H; Perchonok, E; Wilcox, F A	8-Jun-48	19930085833	NACA-RM-E7L02
A method for predicting the upwash angles induced at the propeller plane of a combination of bodies with an upswept wing	Yaggy, Paul F	1-Oct-51	19930083331	NACA-TN-2528
Effects of parallel-jet mixing on downstream Mach number and stagnation pressure with application to engine testing in supersonic tunnels	Bernstein, Harry	1-Mar-53	19930083631	NACA-TN-2918
An investigation of the effect of blade curvature on centrifugal-impeller performance	Anderson, Robert J; Ritter, William K	1-May-47	19930082027	NACA-TN-1313
Boundary-layer transition at supersonic speeds	Low, George M	3-Aug-56	19930089431	NACA-RM-E56E10
A preliminary flight investigation of the effect of snaking oscillations on the pilots' opinions of the flying qualities of a fighter airplane	Beckhardt, Arnold R; Harper, John A; Alford, William L	26-Sep-50	19930086149	NACA-RM-L50E17a
Investigation of a 1/4-scale model of the Republic F-105 airplane in the Langley 19-foot pressure tunnel : lateral control and directional stability and control characteristics of model equipped with drooped, supersonic-type, elliptical wing-root inl	Cancro, Patrick A; Kelly, H Neale	10-Oct-55	19930089088	NACA-RM-SL55J10
Rocket-model investigation of hinge-moments on a trailing-edge control on a 52.5 degree swept wing between Mach numbers of 0.70 and 1.80	Martz, C William	12-Aug-57	19930089728	NACA-RM-L57F04
Annular-jet ejectors	Reid, Elliott G	1-Nov-49	19930082626	NACA-TN-1949
Hydrodynamic pressure distributions obtained during a planing investigation of five related prismatic surfaces	Kapryan, Walter J; Boyd, George M , Jr	1-Sep-55	19930084267	NACA-TN-3477
Flight Investigation at High Speeds of Profile Drag of Wing of a P-47D Airplane Having Production Surfaces Covered with Camouflage Paint	Daum, Fred L.; Zalovcik, John A.	1-Mar-46	19930092751	NACA-WR-L-98, NACA-ACR-L6B21
Investigation of transient combustion characteristics in a single tubular combustor	Donlon, Richard H; Mccafferty, Richard J; Straight, David M	11-Feb-54	19930088128	NACA-RM-E53L10
An investigation of wing-body juncture interference effects at transonic speeds for several swept-wing and body combinations	Mcdevitt, John B; Taylor, Robert A	16-May-57	19930089553	NACA-RM-A57A02
Experimental investigation of dynamic relations in a 48-inch ram-jet engine	Hurrell, Herbert G	20-Jul-56	19930089241	NACA-RM-E56F28
Spontaneous ignition studies relating to lubricants of reduced flammability	Mecklenborg, Kenneth T	1-Jan-56	19930084262	NACA-TN-3560
Dynamic corrosion of a stainless-steel specimen by water at 500 F using a toroid circulating apparatus /c Leland G. Desmon, Don R. Mosher	Desmon, Leland G; Mosher, Don R	16-Jul-52	19930087233	NACA-RM-E52F03
Sound from dual-rotating and multiple single-rotating propellers	Hubbard, Harvey H	1-Jul-48	19930082272	NACA-TN-1654
Analysis of aerodynamic blade-loading-limit parameters for NACA 65-(C(sub zeta(sub o)) A(sub 10)) 10 compressor-blade sections at low speeds	Savage, Melvyn	25-Apr-55	19930088607	NACA-RM-L54L02a

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Velocity and temperature fields in circular jet expanding from choked nozzle into quiescent air	Rousso, Morris D; Kochendorfer, Fred D	12-Jul-51	19930086713	NACA-RM-E51F18
Component performance investigation of J71 experimental turbine V : effect of third stage shrouding on internal-flow conditions of J71-97 turbine	Petrash, Donald A; Schum, Harold J; Davison, Elmer H	2-Oct-56	19930089077	NACA-RM-E55K02a
Two-dimensional compressible flow in conical mixed-flow compressors	Stanitz, John D	1-Nov-48	19930082716	NACA-TN-1744
Measurements in flight of the longitudinal characteristics of two jet aircraft, one with a diving tendency and the other with a climbing tendency at high Mach numbers	Anderson, Seth B	5-Oct-51	19930086722	NACA-RM-A51E14
Analysis of pure-bending flutter of a cantilever swept wing and its relation to bending-torsion flutter	Cunningham, H J	1-Sep-51	19930083178	NACA-TN-2461
Aerodynamic characteristics of a full-span trailing-edge control on a 60 degree delta wing with and without a spoiler at Mach number 1.61	Lord, Douglas R; Czarnecki, K R	10-Mar-54	19930088024	NACA-RM-L53L17
Some effects of Reynolds number on the stability of a series of flared-body and blunted-cone models at Mach numbers form 1.62 to 6.86	Kehlet, Alan B	7-Jan-58	19930089985	NACA-RM-L57J29
Evaluation of turbulence measurements obtained from a flight investigation of the jet stream December 10, 1953 to March 26, 1954	Copp, Martin R	15-Jun-54	19930088208	NACA-RM-SL54F07
Investigation of spark gaps subjected to altitude and air velocity conditions	Swett, Clyde C , Jr	24-Nov-48	19930085581	NACA-RM-E8I17
Effect of initial mixture temperature on flame speed of methane-air, propane-air and ethylene-air mixtures	Dugger, Gordon L	1-May-51	19930087876	NACA-TN-2374
Flow and force characteristics of 2-percent-thick airfoils at transonic speeds	Lindsey, Walter F; Landrum, Emma Jean	18-Jan-55	19930088420	NACA-RM-L54I30
Synthesis of cyclopropane hydrocarbons from methylcyclopropyl ketone III : 2-cyclopropyl-1-butene, cis and trans 2-cyclopropyl-2-butene, and 2-cyclopropylbutane	Slabey, Vernon A; Wise, Paul H	1-Jun-51	19930083078	NACA-TN-2398
Wind-tunnel investigation of boundary-layer control by suction on the NACA 653-418, a = 1.0 airfoil section with a 0.29-airfoil-chord double slotted flap	Quinn, John H , Jr	1-Jun-46	19930090606	NACA-TN-1071
Rolling effectiveness of a thin tapered wing having partial-span ailerons as determined by rocket-powered test vehicles	Sandahl, Carl A; Strass, H Kurt	23-May-50	19930086271	NACA-RM-L50D17
Reaction of fluorine with carbon as a means of fluorine disposal	Schmidt, Harold W	18-Jul-57	19930089931	NACA-RM-E57E02
Investigation of several techniques for improving altitude starting limits of turbojet engines	Armstrong, John C; Wilsted, H D	29-Oct-52	19930087275	NACA-RM-E52I03
Altitude performance of a 20-inch-diameter ram-jet engine investigated in a free jet facility at Mach number 3.0	Smolak, George R; Wentworth, Carl B	15-Jun-53	19930087401	NACA-RM-E52K24
Investigation of the Penetration on an Air Jet Directed Perpendicularly to an Air Stream	Callaghan, Edmund E; Ruggeri, Robert S	1-Jun-48	19930082328	NACA-TN-1615
Effect of nozzle secondary flows on turbine performance as indicated by exit surveys of a rotor	Whitney, Warren, J; Buckner, Howard A , Jr; Monroe, Daniel E	15-Apr-54	19930089292	NACA-RM-E54B03

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Behavior of some materials and shapes in supersonic free jets at stagnation temperatures up to 4,210 F, and descriptions of the jets	Fields, E M; Hopko, Russel N; Swain, Robert L; Trout, Otto F , Jr	24-Feb-58	19930089961	NACA-RM-L57K26
Condensation of air in supersonic wind tunnels and its effects on flow about models	Hansen, C Frederick; Nothwang, George J	1-Apr-52	19930083979	NACA-TN-2690
Analysis of available data on the effects of tabs on control-surface hinge moments	Crandall, Stewart M; Murray, Harry E	1-May-46	19930081667	NACA-TN-1049
Test-stand investigation of cooling characteristics and factors affecting temperature distribution of a double-row aircraft engine	Jones, Robert J	1-Mar-46	19930093180	NACA-WR-E-19, NACA-ARR-E6C01, NACA-MR-E5I27
A simplified mathematical model for calculating aerodynamic loading and downwash for midwing wing-fuselage combinations with wings of arbitrary plan form	Zlotnick, Martin; Robinson, Samuel W , Jr	16-Jan-53	19930087596	NACA-RM-L52J27a
Investigation of interference, lift, drag, and pitching moment of a series of rectangular wing and body combinations at Mach numbers of 1.62, 1.93,and 2.41	Coletti, Donald E	13-Aug-52	19930087238	NACA-RM-L52E26
Use of fences to increase uniformity of boundary layer on side walls of supersonic wind tunnels	Haefeli, Rudolph C	16-Jul-52	19930087142	NACA-RM-E52E19
The effect of lip shape on a nose-inlet installation at Mach numbers from 0 to 1.5 and a method for optimizing engine-inlet combinations	Mossman, Emmet A; Anderson, Warren E	7-May-54	19930088243	NACA-RM-A54B08
Preliminary measurements of static longitudinal stability and trim for the XF-92A delta-wing research airplane in subsonic and transonic flight	Sisk, Thomas R; Mooney, John M	27-Mar-53	19930087506	NACA-RM-L53B06
Investigation of the effect of sweep on the flutter of cantilever wings	Barmby, J G; Cunningham, H J; Garrick, I E	15-Nov-48	19930085506	NACA-RM-L8H30
Charts for estimating the effects of short-period stability characteristics on airplane vertical-acceleration and pitch-angle response in continuous atmospheric turbulence	Pratt, Kermit G; Bennett, Floyd V	1-Jun-57	19930084810	NACA-TN-3992
Method of calculating the lateral motions of aircraft based on the Laplace transform	Murray, Harry E; Grant, Frederick C	1-Jul-50	19930082827	NACA-TN-2129
Characteristics of thin triangular wings with constant-chord full-span control surfaces at supersonic speeds	Tucker, Warren A	1-Jul-48	19930082249	NACA-TN-1601
Wind-tunnel investigation of control-surface characteristics of plain and balanced flaps with several trailing-edge angles on a NACA 0009 tapered semispan wing	Hoggard, H Page, Jr; Mckinney, Elizabeth G	1-Jan-47	19930081996	NACA-TN-1248
Study of some effects of structural flexibility on the longitudinal motions and loads as obtained from flight measurements of a swept-wing bomber	Donegan, James J; Huss, Carl R	20-May-55	19930088589	NACA-RM-L54L16
Performance of as-forged, heat-treated, and overaged S-816 blades in a turbojet engine	Weeton, J W; Clauss, F J; Johnston, J R	3-Mar-55	19930089316	NACA-RM-E54K17

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Appraisal of method of flutter analysis based on chosen modes by comparison with experiment for cases of large mass coupling	Woolston, Donald S; Runyan, Harry L	1-Jun-49	19930082582	NACA-TN-1902
Hinge moment and effectiveness of an unswept constant-chord control and an overhang-balanced, swept hinge-line control on an 80 degree swept pointed wing at Mach numbers from 0.75 to 1.96	Guy, Lawrence D	28-Aug-56	19930089413	NACA-RM-L56F11
The effect of accelerating a hypothetical aircraft through the transonic range with controls fixed	Matthews, Howard F	4-Apr-50	19930086131	NACA-RM-A9J26
Influence of wing flexibility on force-time relation in shock strut following vertical landing impact	Mcperson, Albert E; Evans, J; Levy, Samuel	1-Nov-49	19930082710	NACA-TN-1995
Analytical studies of the response to longitudinal control of three airplane configurations in landing approaches	Bihrl, William, Jr; Stone, Ralph, W , jr	9-Apr-53	19930087500	NACA-RM-L53B10
A miniature electrical pressure gage utilizing a stretched flat diagram	Patterson, John L	1-Apr-52	19930083313	NACA-TN-2659
Interaction between a supersonic stream and a parallel subsonic stream bounded by fluid at rest	Ribner, Herbert S; Arnoff, E Leonard	1-Dec-52	19930083616	NACA-TN-2860
Measurement of friction factors with no heat addition on mockups of ten reactor segments of the General Electric Company air-cooled aircraft reactor	Sams, Eldon W; Nagey, Tibor F	18-Sep-53	19930087548	NACA-RM-E53E01
The aerodynamic effects of rockets and fuel tanks mounted under the swept-back wing of an airplane model	Boddy, Lee E; Morrill, Charles P , Jr	23-Apr-48	19930085818	NACA-RM-A7J03
Performance of a short combustor at high altitudes using hydrogen fuel	Sivo, Joseph N; Fenn, David B	7-Aug-56	19930088876	NACA-RM-E56D24
Investigation of flow conditions and the nature of the wall-constriction effect near and at choking by means of the hydraulic analogy	Wright, Ray H; Matthews, Clarence W	1-Sep-48	19930085445	NACA-RM-L8F17
An investigation of aircraft heaters XXXVI : preliminary investigation of a combustion-type aircraft heater	Boelter, Llewellyn Michael Kraus; Elswick, W R; Sanders, V D; Rubesin, M W	1-Aug-51	19930083023	NACA-TN-2428
Preliminary indications of the cooling achieved by ejecting water upstream from the stagnation point of hemispherical, 80 degree conical, and flat-faced nose shapes at a stagnation temperature of 4,000 F	Rashis, Bernard	23-Oct-57	19930089817	NACA-RM-L57I03
Central automatic data processing system		1-Apr-58	19930085110	NACA-TN-4212
Stability of the cylindrical shell of variable curvature	Marguerre, Karl	1-Jul-51	19930093928	NACA-TM-1302
Free-flight-tunnel investigation of the dynamic lateral stability and control characteristics of a high-aspect-ratio bomber model with self-supporting free-floating fuel tanks attached to the wing tips	Bennett, Charles V; Cadman, Robert B	7-Aug-51	19930086648	NACA-RM-L51E17
Flight, analog-simulator, and analytical studies of an automatically controlled interceptor which uses a bank-angle-error computer for lateral commands	Cheatham, Donald C; Brissenden, Roy F	11-Aug-58	19930090173	NACA-RM-L58E26a
The infrared spectra of spiropentane methylenecyclobutane and 2-methyl-1-butene	Cleaves, Alden P; Sherrick, Mildred E	1-Oct-46	19930081858	NACA-TN-1160
On the application of transonic similarity rules	Spreiter, John R	1-Jun-52	19930083364	NACA-TN-2726

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Investigation at zero angle of attack of a 16-inch ram jet engine in 8- by 6-foot supersonic	Nussdorfer, T; Wilcox, F; Perchonok, E	2-Mar-51	19930090384	NACA-RM-E50L04
An exploratory investigation of skin friction and transition on three bodies of revolution at a Mach number of 1.61	Hilton, John H , Jr; Czarnecki, K R	1-Jun-54	19930084047	NACA-TN-3193
A linearized solution for time-dependent velocity potentials near three-dimensional wings at supersonic speeds	Evvard, John C	1-Sep-48	19930082341	NACA-TN-1699
Cylinder-temperature and cooling-air-pressure instrumentation for air-cooled-engine cooling investigations	Valerino, Michael F; Kaufman, Samuel J	1-Jan-48	19930082193	NACA-TN-1509
Calculations of the performance of a compression-ignition engine-compressor turbine combination II : performance of complete combination	Mendelson, Alexander	3-Feb-47	19930085642	NACA-RM-E7B03a
Theoretical pressure distributions for some slender wing-body combinations at zero lift	Byrd, Paul F	1-Apr-56	19930084972	NACA-TN-3674
Large-scale wind-tunnel tests of an airplane model with an unswept, aspect-ratio-10 wing, two propellers, and area-suction flaps	Weiberg, James A; Griffin, Roy N , Jr; Florman, George L	1-Sep-58	19930085307	NACA-TN-4365
Experimental investigation of performance of single-stage transonic compressor with guide vanes turning counter to direction of rotor whirl	Jahnsen, Lawrence J; Fessler, Theodore E	22-Apr-57	19930089527	NACA-RM-E57B04
Aerodynamic characteristics of a 68.4 degree delta wing at Mach numbers of 1.6 and 1.9 over a wide Reynolds number range	Hatch, John E , Jr; Gallagher, James J	2-Nov-53	19930087910	NACA-RM-L53I08
Wind-tunnel investigation at low speed of the pitching stability derivatives of a 1/10-scale model of the Douglas A4D-1 airplane : TED No. NACA DE 389	Wolhart, Walter D; Fletcher, H S	15-Nov-54	19930088448	NACA-RM-SL54J27a
Some effects of ailerons on the variation of aerodynamic characteristics with sideslip at low speed	Goodson, Kenneth W	12-Mar-56	19930089133	NACA-RM-L55L20
Tabulated pressure coefficients and aerodynamic characteristics measured on the wing of the Bell X-1 airplane in level flight at Mach numbers from 0.79 to 1.00 and in a pull-up at a Mach number of 0.96	Carner, H Arthur; Payne, Mary M	18-Sep-50	19930086333	NACA-RM-L50H25
Rocket-model investigation to determine the force and hinge-moment characteristics of a half-Delta tip control on a 59 degree sweptback delta wing between Mach numbers of 0.55 and 1.43	Martz, C William; Church, James D; Goslee, John W	6-Oct-52	19930087268	NACA-RM-L52H06
A wide-frequency-range air-jet shaker	Herr, Robert W	1-Jun-57	19930084929	NACA-TN-4060
A study of the "toss factor" in the impact testing of cermets by the Izod pendulum test	Probst, H B; Mchenry, Howard T	1-Feb-57	19930084947	NACA-TN-3931
Influence of solid-body rotation on screen-produced turbulence	Traugott, Stephen C	1-Aug-58	19930084936	NACA-TN-4135
Burning times of magnesium ribbons in various atmospheres	Coffin, Kenneth P	1-Dec-54	19930084125	NACA-TN-3332
The effect of torsional flexibility on the rolling characteristics at supersonic speeds of tapered unswept wings	Tucker, Warren A; Nelson, Robert L	1-Jun-49	19930082568	NACA-TN-1890

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Measurement of aerodynamic heat transfer to a deflected trailing-edge flap on a delta fin in free flight at Mach numbers from 1.5 to 2.6	Chauvin, Leo T; Buglia, James J	10-Apr-57	19930089621	NACA-RM-L57B20
The development of an 8-inch by 8-inch slotted tunnel for Mach numbers up to 1.28	Little, B H , Jr; Cubbage, James M , Jr	10-May-55	19930088614	NACA-RM-L55B08
Evaluation of two high-carbon precision-cast alloys at 1700 and 1800 F by the rupture test	Reynolds, E E; Freeman, J W; White, A E	1-Sep-46	19930081840	NACA-TN-1130
Some observations relating to recovery of internal friction during fatigue of aluminum	Valluri, S R	1-Sep-58	19930085289	NACA-TN-4371
A flight evaluation of the stability and control of the X-4 swept-wing semitailless airplane	Sadoff, Melvin; Crossfield, A Scott	30-Aug-54	19930088365	NACA-RM-H54G16
A study of the application of airfoil section data to the estimation of the high-subsonic-speed characteristics of swept wings	Hunton, Lynn W	24-Jun-55	19930090321	NACA-RM-A55C23
Review and investigation of unsatisfactory control characteristics involving instability of pilot-airplane combination and methods for predicting these difficulties from ground tests	Phillips, William H; Brown, B Porter; Matthews, James T , Jr	1-Aug-57	19930084954	NACA-TN-4064
Effects of airplane flexibility on wing strains in rough air at 35,000 feet as determined by a flight investigation of a large swept-wing airplane	Rhyne, Richard H	1-Jan-58	19930085036	NACA-TN-4198
Effect of temperature on rolling-contact fatigue life with liquid and dry powder lubricants	Carter, Thomas L	1-Jan-58	19930084990	NACA-TN-4163
Experimental thermal conductivities of the N2O4 is in equilibrium to 2NO2 system	Coffin, Kenneth P; O'Neal, Cleveland, Jr	1-Feb-58	19930085092	NACA-TN-4209
Investigations on wings with and without sweepback at high subsonic speeds	Ackeret, Jakob; Rott, Nikolaus; Degen, Max	1-Nov-51	19930093910	NACA-TM-1320
Performance characteristics of a double-cylindrical-shroud ejector nozzle	Reshotko, Eli	24-Nov-53	19930088057	NACA-RM-E53H28
Data on shape and location of detached shock waves on cones and spheres	Heberle, Juergen W; Wood, George P; Gooderum, Paul B	1-Jan-50	19930082664	NACA-TN-2000
Simulator studies of the attack phase of an automatically controlled interceptor	Schy, Albert A; Gates, Ordway B , Jr; Woodling, C H; Sherman, Windsor L; Sternfield, Leonard	18-Aug-55	19930090547	NACA-RM-L55E27a
Design and experimental investigation of transonic turbine with slight negative reaction across rotor hub	Stewart, Warner L; Wong, Robert Y; Evans, David G	12-Mar-54	19930088069	NACA-RM-E53L29a
Stresses and deformations in wings subjected to torsion	Ruffner, B F; Hout, Eloise	1-Feb-52	19930083432	NACA-TN-2600
Diffusion factor for estimating losses and limiting blade loadings in axial-flow-compressor blade elements	Lieblein, Seymour; Schwenk, Francis C; Broderick, Robert L	8-Jun-53	19930087737	NACA-RM-E53D01
An approach to the prediction of the frequency distribution of gust loads on airplanes in normal operations	Press, Harry	1-Apr-52	19930083319	NACA-TN-2660
An investigation of the downwash behind a high-aspect-ratio wing with various amounts of sweep in the Langley 8-foot high-speed tunnel	Whitcomb, Richard T	11-May-48	19930085325	NACA-RM-L8C12

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Effect of exhaust pressure on the performance of an 18-cylinder air-cooled radial engine with a valve overlap of 62 degrees	Humble, Leroy V; Nagey, Tibor F; Boman, David S	1-Mar-47	19930081876	NACA-TN-1232
Effect of lubricant viscosity on rolling-contact fatigue life	Carter, Thomas L	1-Oct-57	19930084833	NACA-TN-4101
Static stability and control of canard configurations at Mach numbers from 0.70 to 2.22 : longitudinal characteristics of an unswept wing and canard	Peterson, Victor L; Boyd, John W	17-Feb-58	19930089920	NACA-RM-A57K27
Hydrodynamic directional behavior of a swept planing-tail hull	Arabian, Donald D	10-Jan-52	19930086847	NACA-RM-L51F04
Statistical Study of overstressing in steel	Dieter, G E; Horne, G T; Mehl, R F	1-Apr-54	19930084065	NACA-TN-3211
Solubility of water in hydrocarbons	Hibbard, R R; Schalla, R L	10-Jul-52	19930087220	NACA-RM-E52D24
Turbulent-heat-transfer measurements at a Mach number of 3.90	Brevoort, Maurice J	1-Jul-56	19930084494	NACA-TN-3734
Control effectiveness and hinge-moment characteristics of a tip control surface on a low-aspect-ratio pointed wing at a Mach number of 1.9	Conner, D William; May, Ellery B , Jr	5-Oct-49	19930085981	NACA-RM-L9H26
Some effects of side-wall modifications on the drag and pressure recovery of an NACA submerged inlet at transonic speeds	Taylor, Robert A	15-Feb-52	19930087954	NACA-RM-A51L03a
Corrosion of magnesium alloy ZK60A in marine atmosphere and tidewater	Reinhart, Fred M	1-Feb-52	19930083489	NACA-TN-2632
Method for calculation of pressure distributions on thin conical bodies of arbitrary cross section in supersonic stream	Maslen, Stephen H	1-Jul-48	19930082277	NACA-TN-1659
From linear mechanics to nonlinear mechanics	Loeb, Julian	1-Oct-55	19930093835	NACA-TM-1396
Instantaneous ultraviolet knock spectra correlated with high-speed photographs	Hirshfeld, M A; Miller, Cearcy D	1-Aug-47	19930083222	NACA-TN-1408
Low-amplitude damping-in-pitch characteristics of tailless delta-wing-body combinations at Mach numbers from 0.80 to 1.35 as obtained with rocket-powered models	D'Aiutolo, Charles T	24-Jun-54	19930088291	NACA-RM-L54D29
Performance of J33 turbojet engine with shaft-power extraction I : over-all engine performance	Nettles, J C; Easterly, J R	28-May-48	19930085357	NACA-RM-E8B27a
Low-speed investigation of the effect of small canard surfaces on the directional stability of a sweptback-wing fighter-airline model	Paulson, John W; Boisseau, Peter C	23-Aug-56	19930089339	NACA-RM-L56F19a
Aerodynamics of slender wings and wing-body combinations having swept trailing edges	Mirels, Harold	1-Mar-54	19930083826	NACA-TN-3105
Initial results of a flight investigation of a gust-alleviation system	Kraft, Christopher C , Jr	1-Apr-56	19930084328	NACA-TN-3612
Gust-tunnel investigation of the effect of leading edge separation on the normal accelerations experienced by a 45 degree sweptback-wing model in gusts	Cahen, George L	24-Nov-53	19930087998	NACA-RM-L53J07
Growth of disturbances in a flame-generated shear region	Blackshear, Perry L , Jr	1-Nov-56	19930084550	NACA-TN-3830
Corrections for drag, lift, and moment of an axially symmetrical body placed in a supersonic tunnel having a two-dimensional pressure gradient	Kolodner, I J; Reiche, F; Ludloff, H F	1-Nov-52	19930083559	NACA-TN-2837
An analysis of the fatigue life of an airplane wing structure under overload conditions	Reisert, Thomas D	1-Feb-46	19930092724	NACA-WR-L-10, NACA-RB-L5K29

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An experimental investigation of NACA submerged inlets at high subsonic speeds I: inlets forward of the wing leading edge	Hall, Charles F; Barclay, F Dorn	9-Jun-48	19930093808	NACA-RM-A8B16
Turbine performance characteristics of a python turbine-propeller engine investigated in altitude wind tunnel	Farley, John M; Prince, William R	1-May-51	19930086583	NACA-RM-E50J12
Lift, drag, and pitching moment of low-aspect-ratio wings at subsonic and supersonic speeds : plane triangular wing of aspect ratio 3 with air-to-air missile models mounted externally	Conrard, Donald	26-Jun-52	19930090443	NACA-RM-A52C10a
Application of oblique-shock sensing system to ram-jet-engine flight Mach number control	Wilcox, Fred A; Hearth, Donald P	3-Mar-55	19930088534	NACA-RM-E54L22a
Investigation at high speeds of a horizontal-tail model in the Langley 8-foot high-speed tunnel	Bielat, Ralph P	31-Jan-47	19930085763	NACA-RM-L6L10b
Effect of chord size on weight and cooling characteristics of air-cooled turbine blades	Esgar, Jack B; Schum, Eugene F; Curren, Arthur N	1-Jan-57	19930084874	NACA-TN-3923
Additional free-flight tests of the rolling effectiveness of several wing-spoiler arrangements at high subsonic, transonic, and supersonic speeds	Strass, H Kurt	24-Nov-48	19930085597	NACA-RM-L8I23
Photographic investigation of air-flow patterns in transparent one-sixth sector of annular turbojet-engine combustor with axial-slot-type air admission	Graves, Charles C; Gernon, J Dean	20-Dec-54	19930088502	NACA-RM-E54I28a
Internal-Film Cooling of Rocket Nozzles	Sloop, J L; Kinney, George R	8-Jun-48	19930085379	NACA-RM-E8A29a
Investigation of aerodynamic characteristics in pitch and sideslip of a 45 degree sweptback-wing airplane model with various vertical locations of wing and horizontal tail : basic-data presentation, M = 2.01	Spearman, M Leroy; Driver, Cornelius; Hughes, William C	20-Jan-55	19930088599	NACA-RM-L54L06
Plastic buckling of a rectangular plate under edge thrusts	Handelman, G H; Prager, William	1-Aug-48	19930082241	NACA-TN-1530
Bearing tests of 14S sheet and plate	Moore, R L	1-Aug-48	19930082185	NACA-TN-1502
The effect of increase in combustion-air inlet temperature from 80 to 130 F on the sea-level performance of a 22-inch-diameter pulse-jet engine	Hughes, Richard F	1-Jul-46	19930093602	NACA-WR-E-283, NACA-MR-E6G01
Study of the physical properties of petrolatum-stabilized magnesium-hydrocarbon slurry fuels	Pinns, Murray L; Goodman, Irving A	6-Jan-54	19930086966	NACA-RM-E53J16
Pressure rise associated with shock-induced boundary-layer separation	Love, Eugene S	1-Dec-55	19930084278	NACA-TN-3601
Theoretical prediction of pressure distributions on nonlifting airfoils at high subsonic speeds	Spreiter, John R; Alksne, Alberta	1-Mar-54	19930083797	NACA-TN-3096
Internal performance characteristics of short convergent-divergent exhaust nozzles designed by the method of characteristics	Krull, H George; Beale, William T	24-Jul-56	19930089368	NACA-RM-E56D27a
Preliminary investigation of Guy alloy as a turbojet-engine bucket material for use at 1650 degrees F	Signorelli, R A; Johnston, J R; Weeton, J W	29-Nov-56	19930089569	NACA-RM-E56I19
Laminar-boundary-layer heat-transfer characteristics of a body with a pressure gradient at supersonic speeds	Wimbrow, William R; Scherrer, Richard	1-Aug-50	19930082967	NACA-TN-2148

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Correlation of laboratory smoke test with carbon deposition in turbojet combustors	Busch, Arthur M	3-Feb-50	19930086025	NACA-RM-E9K04
Failure characteristics of pressurized stiffened cylinders	Peters, Roger W; Dow, Norris F	1-Dec-56	19930084607	NACA-TN-3851
Pressure measurements at supersonic speeds on a section of a rectangular wing having an NACA 65-009 profile	Rainey, Robert W	10-Mar-50	19930086240	NACA-RM-L9L16
Charts of boundary-layer mass flow and momentum for inlet performance analysis mach number range, 0.2 to 5.0	Simon, Paul C; Kowalski, Kenneth L	1-Nov-55	19930084387	NACA-TN-3583
Flight measurements of base pressure on bodies of revolution with and without simulated rocket chambers	Peck, Robert F	16-Nov-50	19930090306	NACA-RM-L50I28a
Power unit for high-intensity light source	Young, Allen E; Mccullough, Stuart; Smith, Richard L	9-Jul-51	19930086459	NACA-RM-E50K27
Characteristics throughout the subsonic speed range of a plane wing and of a cambered and twisted wing, both having 45 degrees of sweepback	Johnson, Ben H , Jr; Shibata, Harry H	12-Jul-51	19930086664	NACA-RM-A51D27
Comparison of semispan and full-span tests of A 47.5 degrees sweptback wing with symmetrical circular-arc sections and having drooped-nose flaps, trailing-edge flaps, and ailerons	Lipson, Stanley; Barnett, U Reed, Jr	5-Dec-51	19930086886	NACA-RM-L51H15
Theoretical analysis of some simple types of acceleration restrictors	Phillips, William H	1-Dec-51	19930083329	NACA-TN-2574
Design charts for flat compression panels having longitudinal extruded Y-section stiffeners and comparison with panels having formed Z-section stiffeners	Dow, Norris F; Hickman, William A	1-Aug-47	19930082025	NACA-TN-1389
Effect of a reduction in stator solidity on performance of a transonic turbine	Miser, James W; Stewart, Warner L; Wong, Robert Y	23-Mar-56	19930089086	NACA-RM-E55L09a
Effect of Mach number on performance of an axial-flow compressor rotor-blade row	Dugan, Paul D; Mahoney, John J; Benser, William A	28-Sep-48	19930090369	NACA-RM-E8D29
Some Investigations of the General Instability of Stiffened Metal Cylinders IX : Criteria for the Design of Stiffened Metal Cylinders Subject to General Instability Failures	Dunn, Louis G	1-Nov-47	19930082178	NACA-TN-1198
A comparison of the calculated maximum-maneuver response characteristics of three air-to-air, beam-rider, guided missiles having different lift ratios	Matthews, Howard F; Stewart, Elwood C	25-Sep-51	19930086711	NACA-RM-A51F18
Flight determination of the drag and pressure recovery of an NACA 1-40-250 nose inlet at Mach numbers from 0.9 to 1.8	Sears, R I; Merlet, C F	28-Feb-51	19930086519	NACA-RM-L50L18
Theoretical investigation of an automatic control system with primary sensitivity to normal accelerations as used to control a supersonic canard missile configuration	Seaberg, Ernest C; Smith, Earl F	10-Jul-51	19930086720	NACA-RM-L51D23
Formation of sulfide films on steel and effect of such films on static friction	Levine, Erva C; Peterson, Marshall B	1-Sep-51	19930083176	NACA-TN-2460
Stability and control characteristics at high subsonic speeds of a 1/30-scale model of the MX-1554A design	Lockwood, Vernard E; Luoma, Arvo A; Solomon, Martin	18-Nov-53	19930088022	NACA-RM-SL53K12a
Theoretical analysis of the longitudinal behavior of an automatically controlled supersonic interceptor during the attack phase	Gates, Ordway B , Jr; Woodling, C H	28-Jan-55	19930088418	NACA-RM-L54K08

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The effects at subsonic speeds of wing fences and a tail on the longitudinal characteristics of a 63 degree swept-wing fuselage combination	Buell, Donald A; Kolbe, Carl D	2-Jul-57	19930089929	NACA-RM-A57E02
Free-spinning tunnel investigation of a 1/20-scale model of the Douglas X-3 airplane	Hultz, Burton E	26-Dec-51	19930087177	NACA-RM-L51K12
Small-scale transonic investigation of a 45 degree sweptback wing of aspect ratio 4 with combinations of nose-flap deflections and wing twist	Alford, William J , Jr; Spreemann, Kenneth P	9-Jan-53	19930087399	NACA-RM-L52K13
Dynamometer-stand investigation of the muffler used in the demonstration of light-airplane noise reduction	Czarnecki, K R; Davis, Don D , Jr	1-Oct-48	19930082326	NACA-TN-1688
Experimental hinge moments on two freely oscillating trailing-edge controls hinged at 55 percent control chord	Martz, C William	27-Dec-57	19930089959	NACA-RM-L57J25
Mechanical design analysis of several noncritical air-cooled turbine disks and a corrugated-insert air-cooled turbine rotor blade	Moseson, Merland L; Krasner, Morton H; Ziemer, Robert R	22-Jul-53	19930087594	NACA-RM-E53E21
Investigation of the effects of profile shape on the aerodynamic and structural characteristics of thin, two-dimensional airfoils at supersonic speeds	Katzen, Elliott D; Kuehn, Donald M; Hill, William A , Jr	7-May-54	19930088241	NACA-RM-A54B08a
Velocity distributions on arbitrary airfoils in closed tunnels by conformal mapping	Moses, H E	1-Jun-49	19930082580	NACA-TN-1899
Measurements of aerodynamic characteristics at transonic speeds of an unswept and untapered NACA 65-009 airfoil model of aspect ratio 3 with 1/4-chord plain flap by the NACA wing-flow method	Johnson, Harold I	10-Jun-53	19930087498	NACA-RM-L53D21
Performance characteristics of several divergent-shroud aircraft ejectors	Greathouse, William K; Beale, William T	8-Sep-55	19930088874	NACA-RM-E55G21a
Stability of laminar boundary layer near a stagnation point over an impermeable wall and a wall cooled by normal fluid injection	Morduchow, Morris; Grape, Richard G; Shaw, Richard P	1-Aug-57	19930084734	NACA-TN-4037
Performance of an isentropic, all-internal-contraction, axisymmetric inlet designed for Mach 2.50	Bowditch, David N; Anderson, Bernhard H	15-Sep-58	19930090171	NACA-RM-E58E16
An investigation of the aerodynamic characteristics at transonic Mach numbers of a 0.025-scale model of the MX-1712 airplane	Bielat, Ralph P; Cooper, Lawrence J	27-May-53	19930087723	NACA-RM-SL53F05
Aerodynamic heating of aircraft components	Chauvin, Leo T	14-Feb-56	19930089131	NACA-RM-L55L19b
Determination of vortex paths by series expansion technique with application to cruciform wings	Alksne, Alberta Y	1-Apr-56	19930084945	NACA-TN-3670
Investigation of the General Electric I-40 jet-propulsion engine in the Cleveland altitude wind tunnel III : analysis of turbine performance and effect of tail-pipe design on engine performance	Krebs, Richard P; Foshag, Frederick C	18-Nov-46	19930085689	NACA-RM-E6J01
Free-flight investigation at Mach numbers between 0.5 and 1.7 of the zero-lift rolling effectiveness and drag of various surface, spoiler, and jet controls on an 80 degree delta-wing missile	Schult, Eugene D	29-Nov-56	19930089619	NACA-RM-L56H29

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Free-flight investigation, including some effects of wing aeroelasticity, of the rolling effectiveness of an all-movable horizontal tail with differential incidence at Mach numbers from 0.6 to 1.5	English, Roland D	25-Jan-55	19930088612	NACA-RM-L54K30
Theoretical maximum performance of liquid fluorine - liquid oxygen mixtures with JP-4 fuel as rocket propellants	Gordon, Sanford; Wilkins, Roger L	11-Oct-54	19930088363	NACA-RM-E54H09
Minimum spark-ignition energies of 12 pure fuels at atmospheric and reduced pressure	Metzler, Allen J	29-Oct-53	19930088055	NACA-RM-E53H31
Tank tests of three types of afterbodies on a flying-boat model with basic hull length-beam ratio of 10.0	Garrison, Charlie C; Clement, Eugene P	1-Mar-48	19930082662	NACA-TN-1547
Low-speed investigation of a 0.16-scale model of the X-3 airplane : longitudinal characteristics	Delany, Noel K; Hayter, Nora-Lee F	8-Sep-50	19930090545	NACA-RM-A50G06
Hydrodynamic investigation of a series of hull models suitable for small flying boats and amphibians	Hugli, W C , Jr; Axt, W C	1-Nov-51	19930083430	NACA-TN-2503
A flight investigation of the effects of varied lateral damping on the effectiveness of a fighter airplane as a gun platform	Beckhardt, Arnold R; Kuehnel, Helmut A; Champine, Robert A	6-Aug-53	19930087735	NACA-RM-L53F08a
Static stability and control of canard configurations at Mach numbers from 0.70 to 2.22 : triangular wing and canard on an extended body	Boyd, John W; Peterson, Victor L	10-Feb-58	19930089918	NACA-RM-A57K14
Effect of hydrocarbon structure on reaction processes leading to spontaneous ignition	Swarts, Donald E; Frank, Charles E	1-Jul-55	19930084063	NACA-TN-3384
Determination of longitudinal stability in supersonic accelerated maneuvers for the Douglas D-558-II research airplane	Ankenbruck, Herman O	17-Feb-54	19930087952	NACA-RM-L53J20
A method for calculating the contour of bodies of revolution with a prescribed pressure gradient at supersonic speed with experimental verification	Burbank, Paige B	1-Mar-56	19930084326	NACA-TN-3555
Wind-tunnel investigation at high subsonic speeds to determine the rolling derivatives of two wing-fuselage combinations having triangular wings, including a semiempirical method of estimating the rolling derivatives	Wiggins, James W	8-Feb-54	19930087996	NACA-RM-L53L18a
Effect of pressure on the spontaneous ignition temperature of liquid fuels	O'Neal, Cleveland JR	1-Oct-56	19930084548	NACA-TN-3829
Driving standing waves by heat addition	Blackshear, Perry L , Jr	1-Aug-52	19930083557	NACA-TN-2772
The effect of a 4-percent-high spoiler on buffeting forces on a naca 65(sub 06)A004 two-dimensional airfoil at subsonic Mach numbers	Mellenthin, Jack A	23-Mar-55	19930088532	NACA-RM-A54L22
Observations on an aileron-flutter instability encountered on a 45 degree swept-back wing in transonic and supersonic flight	Pitkin, Marvin; Gardner, William N; Curfman, Howard J , Jr	11-Apr-47	19930085761	NACA-RM-L6L09
Analytical investigation of the effect of water injection on supersonic turbojet-engine - inlet matching and thrust augmentation	Beke, Andrew	1-Jan-57	19930084872	NACA-TN-3922
Force and longitudinal control characteristics of a 1/16-scale model of the Bell XS-1 transonic research airplane at high Mach numbers	Mattson, Axel T	21-May-47	19930085595	NACA-RM-L7A03

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Effects of angle of attack and airfoil profile on the two-dimensional flutter derivatives for airfoils oscillating in pitch at high subsonic speeds	Wyss, John A; Herrera, Raymond	15-Oct-54	19930088500	NACA-RM-A54H12
Longitudinal stability and drag characteristics at Mach numbers from 0.70 to 1.37 of rocket-propelled models having a modified triangular wing	Chapman, Rowe, Jr; Morrow, John D	2-May-52	19930086964	NACA-RM-L52A31
Maximum-lift investigation at Mach numbers from 0.05 to 1.20 of a wing with leading edge swept back 42 degrees	Turner, Thomas R	14-Feb-50	19930086023	NACA-RM-L9K03
Calculations of the rate of thermal dissociation of air behind normal shock waves at Mach numbers of 10, 12, and 14	Wood, George P	1-Apr-56	19930084385	NACA-TN-3634
Development of auxiliary cyclotron equipment for using tritium as bombarding particles in a cyclotron	Kundu, D N; Boyle, F G; Pool, M L	1-Dec-51	19930083327	NACA-TN-2573
A preliminary correlation of the behavior of water rudders on seaplanes and flying boats	Locke, F W S , Jr	1-Aug-47	19930082023	NACA-TN-1387
Wind-tunnel measurements of the dynamic cross derivative (rolling moment due to yawing velocity and to acceleration in sideslip) of the Douglas D-558-II airplane and its components at supersonic speeds including description of the technique	Boatright, William B	3-Nov-55	19930089084	NACA-RM-L55H16
Experimental downwash and wake characteristics at subsonic and supersonic Mach numbers behind an unswept, tapered wing, of aspect ratio 2.67 with leading-and trailing-edge flaps	Stivers, Louis S , Jr; Walker, Harold J; Beard, Luther, Jr	21-Apr-51	19930086517	NACA-RM-A51B16
Theoretical analyses to determine unbalanced trailing-edge controls having minimum hinge moments due to deflection at supersonic speeds	Goin, Kennith L	19-Nov-52	19930086718	NACA-RM-L51F19
An experimental investigation of four triangular-wing-body combinations in sideslip at Mach numbers 0.6, 0.9, 1.4, and 1.7	Christensen, Frederik B	15-Mar-54	19930088020	NACA-RM-A53L22
Analysis and construction of design charts for turbines with downstream stators	Cavicchi, Richard H; Constantine, Anita B	18-Nov-54	19930088416	NACA-RM-E54G23a
Fundamental flame velocity, heat of combustion, and spontaneous ignition temperature of dimethylaminodiborane	Hibbard, Robert R; Dugger, Gordon L	19-Dec-56	19930087592	NACA-RM-E52L23, NACA, LFPL RM E52L23
Effect of a 90 degree cross wind on the take-off distance of a light airplane equipped with a crosswind landing gear	Mcavoy, William H; Anderson, Seth B; Gadeberg, Burnett L	1-Jun-49	19930082578	NACA-TN-1898
Effects of slot size and geometry on the flow in rectangular tunnels at Mach numbers up to 1.4	Nelson, William J; Cubbage, James M , Jr	7-Apr-53	19930087496	NACA-RM-L53B16
Some research results on sandwich structures	Anderson, Melvin S; Updegraff, Richard G	1-Jun-57	19930084943	NACA-TN-4009
The influence of imperfect radar space stabilization on the final attack phase of an automatic interceptor system	Triplett, William C; Mclean, John D; White, John S	11-Mar-57	19930089617	NACA-RM-A56K19
The aerodynamic characteristics at transonic speeds of a model with a 45 degree sweptback wing, including the effect of leading edge slats and a low horizontal tail	Runckel, Jack F; Schmeer, James W	5-Apr-54	19930087994	NACA-RM-L53J08

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Effect of outer-shell design on performance characteristics of convergent-plug exhaust nozzles	Krull, H George; Beale, William T	21-Apr-55	19930088530	NACA-RM-E54K22
Cyclic engine test of cast vitallium turbine buckets II	Farmer, J Elmo; Deutsch, George C; Sikora, Paul F	12-Jan-48	19930085759	NACA-RM-E7J24
Mechanical properties of pneumatic tires with special reference to modern aircraft tires	Smiley, Robert F; Horne, Walter B	1-Jan-58	19930084870	NACA-TN-4110
Model ditching investigation of the Douglas DC-4 and DC-6 airplanes	Fisher, Lloyd J; Hoffman, Edward L	4-May-50	19930086021	NACA-RM-L9K02a
Wind-tunnel investigation of drooped ailerons on a 16-percent-thick low-drag airfoil	Holtzclaw, Ralph W; Dods, Jules B , Jr	1-Aug-47	19930082021	NACA-TN-1386
Investigation of the possibility of simplifying missile guidance systems by the use of free-floating flaps and spring-mounted control surfaces	Hikido, Katsumi; Hayashi, Paul H; Lessing, Henry C	17-May-56	19930089082	NACA-RM-A55L09
A method of designing turbomachine blades with a desirable thickness distribution for compressible flow along an arbitrary stream filament of revolution	Wu, Chung-Hua; Brown, Curtis A	1-Sep-51	19930083172	NACA-TN-2455
Investigation of effect of span and spanwise location of plain and stepped spoiler ailerons on lateral control characteristics of a wing with leading edge swept back 51.3 degrees	Fischel, Jack; Hammond, Alexander D	18-Jan-50	19930086019	NACA-RM-L9K02
Theoretical study of air forces on an oscillating or steady thin wing in a supersonic main stream	Garrick, I E; Rubinow, S I	1-Jul-47	19930082019	NACA-TN-1383
Flexural fatigue strengths of riveted box beams - Alclad 14S-T6, Alclad 75S-T6, and various tempers of Alclad 24S	Eaton, I D; Holt, Marshall	1-Nov-51	19930083170	NACA-TN-2452
Analysis of temperature distribution in liquid-cooled turbine blades	Livingood, John N B; Brown, W Byron	1-Apr-51	19930083168	NACA-TN-2321
Tables of coefficients for the analysis of stresses about cutouts in circular semimonocoque cylinders with flexible rings	Mccomb, Harvey G , Jr; Low, Emmet F , Jr	1-Jul-55	19930084191	NACA-TN-3460
Bibliography of NACA papers on rotating-wing aircraft : January 1952	Gessow, Alfred	20-Mar-52	19930087042	NACA-RM-L52B18a
Theoretical and experimental investigation of the effect of tunnel walls on the forces on an oscillating airfoil in two-dimensional subsonic compressible flow	Runyan, Harry L; Woolston, Donald S; Rainey, A Gerald	1-Jun-55	19930084193	NACA-TN-3416
Effect of changing passage configuration on internal-flow characteristics of a 48-inch centrifugal compressor II : change in hub shape	Mizisin, John; Michel, Donald J	1-Nov-52	19930083525	NACA-TN-2835
Critical stress of ring-stiffened cylinders in torsion	Stein, Manuel; Sanders, Lyell; Crate, Harold	1-Nov-49	19930082721	NACA-TN-1981
Investigation at supersonic and subsonic Mach numbers of auxiliary inlets supplying secondary air flow to ejector exhaust nozzles	Hearth, Donald P; Cubbison, Robert W	25-Jan-56	19930088935	NACA-RM-E55J12a
Experimental investigation of the drag of 30 degree, 60 degree, and 90 degree cone cylinders at Mach numbers between 1.5 and 8.2	Seiff, Alvin; SOMMER SIMON C	25-Apr-52	19930087044	NACA-RM-A52A14b
Pressure distributions and force tests of an NACA 65-210 airfoil section with a 50-percent-chord flap	Kelin, Milton M	1-Jan-47	19930081915	NACA-TN-1167

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Influence of nonmartensitic transformation products on mechanical properties of tempered martensite	Hodge, J M; Lankford, W T	1-Dec-52	19930083622	NACA-TN-2862
Experimental investigation of the forces and moments due to sideslip of a series of triangular vertical- and horizontal-tail combinations at Mach numbers of 1.62, 1.93, and 2.41	Coletti, Donald E	1-Mar-57	19930084572	NACA-TN-3846
Turbulent-heat-transfer measurements at a Mach number of 1.62	Brevoort, Maurice J; Rashis, Bernard	1-Jun-55	19930084195	NACA-TN-3461
Relative motion in the terminal phase of interception of a satellite or a ballistic missile	Hord, Richard	1-Sep-58	19930085185	NACA-TN-4399
Flow-turning losses associated with zero-drag external-compression supersonic inlets	Meyer, Rudolph C	1-Oct-57	19930084819	NACA-TN-4096
Buckling in shear of continuous flat plates	Budiansky, Bernard; Connor, Robert W; Stein, Manuel	1-Apr-48	19930082376	NACA-TN-1565
A vector study of linearized supersonic flow applications to nonplanar problems	Martin, John C	1-Jun-52	19930083527	NACA-TN-2641
Spin-tunnel investigation to determine the effect on spin recoveries of reducing the opening shock load of spin-recovery parachutes	Jones, Ira P; Klinar, Walter J	1-Mar-50	19930082723	NACA-TN-2051
The origin and distribution of supersonic store interference from measurement of individual forces on several wing-fuselage-store configurations III : swept-wing fighter-bomber configuration with large and small stores. Mach number 1.61	Smith, Norman F; Carlson, Harry W	15-Sep-55	19930088937	NACA-RM-L55H01
Trends of rolling-contact bearings as applied to aircraft gas-turbine engines		1-Apr-54	19930083848	NACA-TN-3110
Low-speed aerodynamic characteristics of a large-scale 45 degree swept-back wing with partial-span slats, double-slotted flaps, and ailerons	James, Harry A	28-Apr-52	19930087046	NACA-RM-A52B19
Experimental and calculated characteristics of several high-aspect-ratio tapered wings incorporating NACA 44-series, 230-series, and low-drag 64- series airfoil sections	Bollech, Thomas V	1-Sep-48	19930082315	NACA-TN-1677
Some Recent Contributions to the Study of Transition and Turbulent Boundary Layers	Dryden, Hugh L	1-Apr-47	19930081917	NACA-TN-1168
Spin-tunnel investigation of a model of a swept-wing fighter airplane over a wide range of fuselage-heavy loadings	Berman, Theodore	27-Dec-50	19930086526	NACA-RM-L50L08
Effect of thermal properties on laminar-boundary-layer characteristics	Klunker, E B; Mclean, F Edward	1-Mar-53	19930083624	NACA-TN-2916
Stability of systems containing a heat source : the Rayleigh criterion	Chu, Boa-Teh	26-Jun-56	19930089361	NACA-RM-56D27
Design of two-dimensional channels with prescribed velocity distributions along the channel walls II : solution by Green's function	Stanitz, John D	1-Jan-52	19930083423	NACA-TN-2595
Transformations of the hodograph flow equation and the introduction of two generalized potential functions	Crocco, Luigi	1-Aug-51	19930083255	NACA-TN-2432
Comparison of pressure-loss characteristics of several tail-cone air-induction systems for air-cooled gas-turbine rotors	Smith, Gordon T; Curren, Arthur N	12-Jan-53	19930087388	NACA-RM-E52K07
Factors in selecting fuels for gas-turbine powered aircraft	Gibbons, Louis C	13-Nov-50	19930086422	NACA-RM-E50I18

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Dynamometer-stand investigation of a group of mufflers	Davis, Don D , Jr; Czarnecki, K R	1-Mar-49	19930082498	NACA-TN-1838
An analysis of the stability and ultimate bending strength of multiweb beams with formed-channel webs	Semonian, Joseph W; Anderson, Roger A	1-Aug-54	19930084197	NACA-TN-3232
Analysis of ejector thrust by integration of calculated surface pressures	Sanders, John C; Brightwell, Virginia L	1-Oct-49	19930082636	NACA-TN-1958
A comparative analysis of the performance of long-range hypervelocity vehicles	Eggers, Alfred J , Jr; Allen, H Julian; Neice, Stanford E	24-Mar-55	19930093743	NACA-RM-A54L10
Torsion, Compression, and Bending Tests of Tubular Sections Machined from 75S-T6 Rolled Round Rod	Moore, R L; Clark, J W	12-Nov-52	19930087303	NACA-RM-52I25
Experimental investigation of the vibrations of a built-up rectangular box beam	Kordes, Eldon E; Kruszewski, Edwin T	1-Feb-56	19930084350	NACA-TN-3618
Comparison of flight performance of AN-F-58 and AN-F-32 fuels in J35 turbojet engine	Acker, Loren W; Kleinknecht, Kenneth S	7-Apr-49	19930085572	NACA-RM-E8L02
Effect of horizontal-tail size and tail-length on low-speed static longitudinal stability and damping in pitch of a model having 45 degree sweptback wing and tail surfaces	Lichtenstein, Jacob H	1-Jun-51	19930083304	NACA-TN-2382
Experimental investigation of air-cooled turbine blades in turbojet engine III : rotor blades with 34 steel tubes in cooling-air passages	Hickel, Robert O; Smith, Gordon T	11-Dec-50	19930086376	NACA-RM-E50J06
Experimental damping in pitch of 45 degree triangular wings	Tobak, Murray; Reese, David E , Jr; Beam, Benjamin H	1-Dec-50	19930086385	NACA-RM-A50J26
Experimental investigation of tail-pipe-burner design variables	Fleming, W A; Conrad, E William; Young, A W	5-Mar-51	19930086436	NACA-RM-E50K22
Method of matching components and predicting performance of turbine-propeller engine	Sutor, Alois T; Zipkin, Morris A	1-Sep-51	19930083290	NACA-TN-2450
An investigation in the Langley 20-foot free-spinning tunnel of the spin and recovery characteristics of a 1/30-scale model of the Bell X-2 airplane	Gale, Lawrence J	12-Aug-49	19930085942	NACA-RM-L9G15a
Correlation of two experimental methods of determining the rolling characteristics of unswept wings	Maclachlan, Robert; Letko, William	1-May-47	19930081985	NACA-TN-1309
Measurements of heat-transfer and friction coefficients for air flowing in a tube of length-diameter ratio of 15 at high surface temperatures	Weiland, Walter F; Lowdermilk, Warren H	9-Jul-53	19930087554	NACA-RM-E53E04
Flight tests to determine the effect of airfoil section profile and thickness ratio on the zero-lift drag of low-aspect-ratio wings at supersonic speeds	Katz, Ellis	9-Feb-48	19930085793	NACA-RM-L7K14
Zero-lift drag of a large fuselage cavity and a partially submerged store on a 52.5 degree sweptback-wing-body configuration as determined from free-flight tests at Mach numbers of 0.7 to 1.53	Hoffman, Sherwood	26-Feb-57	19930089672	NACA-RM-L56L21
Static strength of cross-grain 7075-T6 aluminum-alloy extruded bar containing fatigue cracks	Illg, Walter; Mcevily, Arthur J , Jr	1-Apr-57	19930084821	NACA-TN-3994
Span load distribution resulting from constant vertical acceleration for thin sweptback tapered wings with streamwise tips	Cole, Isabella J; Margolis, Kenneth	1-Jan-54	19930083897	NACA-TN-3120
Damping in pitch and roll of triangular wings at supersonic speeds	Brown, Clinton E; Adams, Mac C	1-Apr-48	19930082378	NACA-TN-1566

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Wind-tunnel investigation at a Mach number of 1.53 of an airplane with a triangular wing	Scherrer, Richard; Wimbrow, William R	23-Jan-48	19930085824	NACA-RM-A7J05
Wind-tunnel investigation of the aerodynamic characteristics of a series of swept, highly tapered thin wings at transonic speeds : transonic bumb method	Few, Albert G , Jr; Fournier, Paul G	4-Jan-57	19930089439	NACA-RM-L56I24
Metallography of aluminum and its alloys : use of electrolytic polishing	Jacquet, Pierre A	1-Nov-55	19930093846	NACA-TM-1384
The high-speed characteristics of several flaps and spoilers on the upper surface of the horizontal stabilizer of a model of a radial-engine pursuit airplane	Boddy, Lee E	21-Jan-46	19930092868	NACA-WR-A-72, NACA-MR-A5L07
Radiant-interchange configuration factors	Hamilton, D C ;; Morgan, W R	1-Dec-52	19930083529	NACA-TN-2836
Altitude-wind-tunnel investigation of thrust augmentation of a turbojet engine IV : performance with tail-pipe burning and water injection	Dietz, Robert O , Jr; Wishnek, George; Kuenzig, John K	15-Jun-48	19930085896	NACA-RM-E7L16
An introduction to the physical aspects of helicopter stability	Gessow, Alfred; Amer, Kenneth B	1-Nov-49	19930082725	NACA-TN-1982
Investigation of two pitot-static tubes at supersonic speeds	Hasel, Lowell E; Coletti, Donald E	19-Nov-48	19930085521	NACA-RM-L8I02
High-speed wind-tunnel tests of a 1/16-scale model of the D-558 research airplane longitudinal stability and control of the D-558-1	Wright, John B	8-Jul-48	19930085349	NACA-RM-L8C23
Tests of a 1/7-scale powered model of the Kaiser tailless airplane in the Langley full-scale tunnel	Rickey, E A	1-Mar-46	19930092688	NACA-WR-L-531, NACA-MR-L6C13
A bibliography of NACA reports on control of turbojet engines	Sanders, John C	28-Jun-56	19930088939	NACA-RM-E56C30
Performance and operational characteristics of a python turbine-propeller engine at simulated altitude conditions / Carl L. Meyer and Lavern A. Johnson	Meyer, Carl L; Johnson, Lavern A	6-Feb-52	19930086856	NACA-RM-E51I14
Evaluation of alloys for vacuum brazing of sintered wrought molybdenum for elevated-temperature applications	Dike, Kenneth C	1-May-54	19930083850	NACA-TN-3148
Effects of stabilizing fins and a rear-support sting on the base pressure of a body of revolution in free flight at Mach numbers from 0.7 to 1.3	Hart, Roger G	22-Sep-52	19930087048	NACA-RM-L52E06
The application of a simplified lifting-surface theory to the prediction of the rolling effectiveness of plain spoiler ailerons at subsonic speeds	Franks, Ralph W	6-Dec-54	19930090491	NACA-RM-A54H26a
Tank spray tests of a jet-powered model fitted with NACA hydro-skis	Wadlin, Kenneth L; Ramsen, John A	22-Jul-48	19930085333	NACA-RM-L8B18
Wind-tunnel investigation of the effects of a fence and a leading-edge notch on the aerodynamic loading characteristics in pitch of a 45 degree sweptback wing at high subsonic speeds	Kuhn, Richard E; Byrnes, Andrew L , Jr; Wiggins, James W	20-Oct-53	19930087711	NACA-RM-L53H24
Correlation of flight and wind-tunnel measurements of roll-off in low-speed stalls on a 35 degree swept-wing aircraft	Anderson, Seth B	24-Sep-53	19930087699	NACA-RM-A53G22
Exhaust-valve temperatures in a liquid-cooled aircraft-engine cylinder as affected by engine operating variables	Sutor, Alois T; Corrington, Lester C; Dudugjian, Carl	1-Feb-47	19930081891	NACA-TN-1209
Tensile and compressive properties of laminated plastics at high and low temperatures	Lamb, J J; Boswell, Isabelle; Axilrod, B M	1-Jul-48	19930082352	NACA-TN-1550

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Flight measurements of the vertical-tail loads on the Convair XF-92A delta-wing airplane	Johnson, Clinton T	27-Oct-55	19930088823	NACA-RM-H55H25
Flight measurements of the longitudinal stability, stalling, and lift characteristics of an airplane having a 35 degrees sweptback wing without slots and with 40-percent-span slots and a comparison with wind-tunnel data	Sjoberg, S A; Reeder, J P	1-Aug-48	19930082317	NACA-TN-1679
Free-spinning characteristics of a 1/21-scale model of the Douglas AD-2W Airplane : TED No. NACA DE 329	White, Richard P	9-Jun-48	19930085407	NACA-RM-SL8F02
Performance of J35-A-23 compressor I : over-all performance characteristics at equivalent speeds from 20 to 100 percent of design	Medeiros, Arthur A; Guentert, Donald C; Hatch, James E	1-Oct-51	19930086610	NACA-RM-E50J17
Theoretical lift distribution and upwash velocities for thin wings at supersonic speeds	Evvard, John C; Turner, L Richard	1-Nov-47	19930082142	NACA-TN-1484
Experimental investigation of air-cooled turbine blades in turbojet engine IX : evaluation of the durability of noncritical rotor blades in engine operation	Stepka, Francis S; Hickel, Robert O	5-Dec-51	19930087032	NACA-RM-E51J10
Frequency response of positive-displacement variable stroke fuel pump	Shames, Harold; Himmel, Seymour C; Blivas, Darnold	1-Jun-50	19930082812	NACA-TN-2109
Wind-tunnel investigation of the effects of surface-covering distortion on the characteristics of a flap having undistorted contour maintained for various distances ahead of the trailing edge	Toll, Thomas A; Queijo, M J; Brewer, Jack D	1-May-47	19930081919	NACA-TN-1296
Low-speed wind-tunnel investigation of a thin 60 degree delta wing with double slotted, single slotted, plain, and split flaps	Riebe, John M; Macleod, Richard G	6-Jan-53	19930087357	NACA-RM-L52J29
Behavior of materials under conditions of thermal stress	Manson, S S	1-Jul-53	19930083626	NACA-TN-2933
Interface thermal conductance of twenty-seven riveted aircraft joints	Barzelay, Martin E; Holloway, George F	1-Jul-57	19930084805	NACA-TN-3991
High-temperature oxidation and ignition of metals	Hill, Paul R; Adamson, David; Foland, Douglas H; Bressette, Walter E	26-Mar-56	19930093830	NACA-RM-L55L23b
Comparison with theory of landing impacts of a model of a seaplane incorporating a hydro-ski with and without a shock absorber	Hoffman, Edward L	11-Jul-56	19930089363	NACA-RM-L56D26
Investigation of laminar boundary layer in compressible fluids using the Crocco method	Van Driest, E R	1-Jan-52	19930083425	NACA-TN-2597
Free-flight-tunnel investigation of the low-speed stability and control characteristics of a model having a fuselage of relatively flat cross section	Paulson, John W; Johnson, Joseph L , Jr	24-Feb-53	19930087491	NACA-RM-L52L22
A comparison of the experimental and theoretical loading over triangular wings at supersonic speeds	Boyd, John W; Phelps, E Ray	3-Jan-51	19930086605	NACA-RM-A50J17
Investigation of turbines suitable for use in a turbojet engine with high compressor pressure ratio and low compressor-tip speed IV : effect of increasing blade speed on velocity diagrams of turbine for engine operation at constant rotative speed	Davison, Elmer H; English, Robert E	24-Nov-52	19930087311	NACA-RM-E52H13
Study of the supersonic propeller	Fabri, Jean; Siestrunk, Raymond	1-Mar-53	19930093875	NACA-TM-1355

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Electrical techniques for compensation of thermal time lag of thermocouples and resistance thermometer elements	Shepard, Charles E; Warshawsky, Isidore	6-May-52	19930083257	NACA-TN-2703
Effects of various modifications on the static longitudinal stability and control characteristics of a 0.065-scale model of the Chance Vought Regulus II missile at a Mach number of 2.01 : TED No. NACA AD 398	Driver, Cornelius; Robinson, Ross B	26-Sep-55	19930088882	NACA-RM-SL55I15
Aerodynamic Properties of Cruciform-Wing and Body Combinations at Subsonic, Transonic, and Supersonic Speeds	Spreiter, John R	1-Jun-49	19930082875	NACA-TN-1897
Low-speed static stability and damping-in-roll characteristics of some swept and unswept low-aspect-ratio wings	Tosti, Louis P	1-Oct-47	19930082106	NACA-TN-1468
Summary of NACA research on ignition lag of self-igniting fuel - nitric acid propellants	Morrell, Gerald	3-Oct-57	19930089806	NACA-RM-E57G19
Additional comparisons between computed and measured transonic drag-rise coefficients at zero lift for wing-body-tail configurations	Holdaway, George H	15-Aug-55	19930088768	NACA-RM-A55F06
Numerical procedures for the calculation of the stresses in monocoques III : calculation of the bending moments in fuselage frames	Hoff, N J; Libby, Paul A; Klein, Bertran	1-Jan-46	19930084576	NACA-TN-998
An experimental and theoretical investigation of the anisotropy of 3S aluminum-alloy sheet in the plastic range	Mcevily, Arthur J , Jr; Hughes, Philip J	1-Oct-54	19930083944	NACA-TN-3248
Ram-recovery characteristics of NACA submerged inlets at high subsonic speeds	Hall, Charles F; Frank, Joseph L	17-Nov-48	19930085451	NACA-RM-A8I29
The effects of variations in Reynolds number between 3.0 x 10 to the power 6 and 25.0 x 10 to the power 6 upon the aerodynamic characteristics of a number of NACA 6-series airfoil sections	Loftin, Laurence K; Bursnall, William J	1-Dec-48	19930082445	NACA-TN-1773
Experimental investigation of the effect of circumferential inlet flow distortion on the performance of a five-stage axial-flow research compressor with transonic rotors in all stages	Robbins, William H; Glaser, Frederick	5-Mar-58	19930090098	NACA-RM-E57J17
Experimental behavior of pentaborane-air combustion products during expansion in a convergent-divergent nozzle	Branstetter, J Robert; Setze, Paul C	18-Feb-58	19930089972	NACA-RM-E57I20
Investigation of turbines for driving supersonic compressors II : performance of first configuration with 2.2 percent reduction in nozzle flow area / Warner L. Stewart, Harold J. Schum, Robert Y. Wong	Stewart, Warner L; Schum, Harold J; Wong, Robert Y	22-Jul-52	19930087390	NACA-RM-E52E26
Flight investigation of transient wing response on a four-engine bomber airplane in rough air with respect to center-of-gravity accelerations	Mickleboro, Harry C; Fahrer, Richard B; Shufflebarger, C C	1-Sep-52	19930083581	NACA-TN-2780
Measurements of aerodynamic heating obtained during demonstration flight tests of the Douglas D-558-II airplane	Jones, Ira P , Jr	26-Nov-52	19930087316	NACA-RM-L52I26a
Lift and moment coefficients expanded to the seventh power of frequency for oscillating rectangular wings in supersonic flow and applied to a specific flutter problem	Nelson, Herbert C; Rainey, Ruby A; Watkins, Charles E	1-Apr-54	19930083750	NACA-TN-3076

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Transient aerodynamic behavior of an airfoil due to different arbitrary modes of nonstationary motions in a supersonic flow	Chang, Chieh-Chien	1-Apr-51	19930082938	NACA-TN-2333
Further experiments on the stability of laminar and turbulent hydrogen-air flames at reduced pressures	Fine, Burton	1-Apr-57	19930084721	NACA-TN-3977
An investigation of a method to indicate atmospheric turbulence from an airplane in flight	Tolefson, H B; Gurtler, C A	9-Jul-51	19930086475	NACA-RM-L50K29a
A preliminary flight investigation of an oil-flow technique for air-flow visualization	Johnson, Harold I; Mungall, Robert G	27-Oct-54	19930088351	NACA-RM-L54G14a
Attainable circulation of airfoils in cascade	Goldstein, Arthur W; Mager, Artur	1-Sep-49	19930082922	NACA-TN-1941
Low-speed investigation of aileron and spoiler characteristics of a wing having 42 degrees sweepback of the leading edge and circular-arc airfoil sections at Reynolds numbers of approximately 6.0×10^6	Woods, Robert L; Spooner, Stanley H	10-Mar-49	19930085862	NACA-RM-L9A07
Effects of the lateral oscillation of fixing the rudder and reflexing the flaps on the Bell X-1 airplane	Drake, Hubert M	11-Dec-50	19930086424	NACA-RM-L50I05
Analytical investigation of ram-jet-engine performance in flight Mach number range from 3 to 7	Evans, Philip J , Jr	17-Oct-51	19930086727	NACA-RM-E51H02
Analysis of properties of foam	Mcbain, J W; Ross, Sydney; Brady, A P	1-Mar-49	19930082500	NACA-TN-1840
Tensile properties of 7075-T6 and 2024-T3 aluminum-alloy sheet heated at uniform temperature rates under constant load	Heimerl, George J; Inge, John E	1-Jul-55	19930084199	NACA-TN-3462
Estimate of hull-weight change with varying length-beam ratio for flying boats	Benscoter, Stanley U	14-Aug-47	19930085705	NACA-RM-L7F24
Flight Investigation to Improve the Dynamic Longitudinal Stability and Control-Feel Characteristics of the P-63A-1 Airplane (AAF No. 42-68889) with Closely Balanced Experimental Elevators	Johnson, Harold I.	1-Jul-46	19930092636	NACA-WR-L-730, NACA-MR-L6E20
Plastic buckling of extruded composite sections in compression	Stowell, Elbridge Z; Pride, Richard A	1-Oct-49	19930082638	NACA-TN-1971
Investigation of translating-spike supersonic inlet as means of mass-flow control at Mach numbers of 1.5, 1.8, and 2.0	Gorton, Gerald C	29-Oct-53	19930087622	NACA-RM-E53G10
Experimental investigation of the effects of support interference on the pressure distribution of a body of revolution at a Mach number of 3.12 and Reynolds numbers from 2×10^6 to 14×10^6	Baughman, L Eugene; Jack, John R	5-Aug-53	19930087646	NACA-RM-E53E28
Experimental investigation of the effectiveness of various suction-slot arrangements as a means for increasing the maximum lift of the NACA 65(sub 3)-018 airfoil section	Racisz, Stanley, F	31-Mar-50	19930086125	NACA-RM-L50A10
Applications of Von Karman's integral method in supersonic wing theory	Chang, Chieh-Chien	1-Mar-51	19930082999	NACA-TN-2317
A method for increasing the effectiveness of stabilizing surfaces at high supersonic Mach numbers	McLellan, Charles H	3-Aug-54	19930088285	NACA-RM-L54F21

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Investigation at Mach number 1.62 of the pressure distribution over a rectangular wing with symmetrical circular-arc section and 30-percent-chord trailing-edge flap	Czarnecki, K R; Mueller, James N	25-Jan-50	19930086013	NACA-RM-L9J05
Development of a high-velocity free-flight launcher : the Ames light-gas gun	Charters, A C; Denardo, B Pat; Rossow, Vernon J	28-Dec-55	19930093745	NACA-RM-A55G11
Wind-tunnel investigation of the low-speed static and rotary stability derivatives of a 0.13-scale model of the Douglas D-558-II airplane in the landing configuration	Queijo, M J; Wells, Evalyn G	27-Aug-52	19930087305	NACA-RM-L52G07
The Microstructure of Turbulent Flow	Obukhoff, A M; Yaglom, A M	1-Jun-53	19930093880	NACA-TM-1350
Behavior of forged S-816 turbine blades in steady-state operation of J33-9 turbojet engine with stress-rupture and metallographic evaluations / By F. B.Garrett, C. A. Gyorgak, and J. W. Weeton	Garrett, Floyd B; Gyorgak, Charles A; Weeton, John Waldemar	12-Feb-53	19930087425	NACA-RM-E52L17
Effect of ammonia addition on limits of flame propagation for isooctane-air mixtures at reduced pressures and elevated temperatures	O'Neal, Cleveland, Jr	1-Apr-55	19930084352	NACA-TN-3446
Natural icing of an axial-flow turbojet engine in flight for a single icing condition	Acker, Loren W	12-Aug-48	19930085395	NACA-RM-E8F01a
A study of service-imposed maneuvers of four jet fighter airplanes in relation to their handling qualities and calculated dynamic characteristics	Mayer, John P; Hamer, Harold A	15-Aug-55	19930088752	NACA-RM-L55E19
Effect of pneumatic de-icers and ice formations on aerodynamic characteristics of a airfoil	Bowden, Dean T	1-Feb-56	19930084294	NACA-TN-3564
Hovering flight tests of a four-engine-transport vertical take-off airplane model utilizing a large flap and extensible vanes for redirecting the propeller slipstream	Tosti, Louis P; Davenport, Edwin E	1-May-55	19930084337	NACA-TN-3440
Space heating rates for some premixed turbulent propane-air flames	Fine, Burton D; Wagner, Paul	1-Jun-56	19930083931	NACA-TN-3277
Origin and prevention of crash fires in turbojet aircraft	Pinkel, I Irving; Weiss, Solomon; Preston, G Merritt; Pesman, Gerard J	1-May-57	19930084700	NACA-TN-3973
Some effects of variations in several parameters including fluid density on the flutter speed of light uniform cantilever wings	Woolston, Donald S; Castile, George E	1-Dec-51	19930083262	NACA-TN-2558
Results from an investigation in rough air at Mach numbers from 0.84 to 1.67 of a tailless rocket model having 60 degree triangular wings	Vitale, A James	26-Jul-56	19930089377	NACA-RM-L56F07a
A note on secondary flow in rotating radial channels	Kramer, James J; Stanitz, John D	1-Oct-53	19930083729	NACA-TN-3013
Investigation of a thin wing of aspect ratio 4 in the Ames 12-foot pressure wind tunnel III : the effectiveness of a constant-chord aileron	Johnson, Ben H , Jr; Demele, Fred A	19-Nov-48	19930085574	NACA-RM-A8I17
Normal accelerations and operating conditions encountered by a helicopter in air-mail operations	Crim, Almer D; Hazen, Marlin E	1-Jun-52	19930083306	NACA-TN-2714
Characteristics of turbulence in a boundary layer with zero pressure gradient	Klebanoff, P S	1-Jul-54	19930084922	NACA-TN-3178
Flight investigation of the effect of sideslip on the pressure at the static orifices of the Boeing B-29 airplane	Chilton, Robert G; Brown, B Porter	11-Apr-51	19930086401	NACA-RM-L50J30

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A comparison of the experimental subsonic pressure distributions about several bodies of revolution with pressure distributions computed by means of the linearized theory	Matthews, Clarence W	1-Feb-52	19930083283	NACA-TN-2519
Reductions in temperature-recovery factor associated with pulsating flows generated by spike-nosed cylinders at a Mach number of 3.50	Hermach, C A; Kraus, Samuel; Reller, John O , Jr	4-Mar-57	19930089897	NACA-RM-A56L05
Lift and moment characteristics at subsonic Mach numbers of four 10-percent-thick airfoil sections of varying trailing-edge thickness	Summers, James L; Page, William A	20-Dec-50	19930086387	NACA-RM-A50J09
Description and investigation of a dynamic model of the XH-17 two-blade jet driven helicopter	Brooks, George W; Sylvester, Maurice A	14-Mar-51	19930086438	NACA-RM-L50I21
An analysis of an x-ray absorption method for measurement of high gas temperatures	Weltmann, Ruth N; Kuhns, Perry W	1-Dec-51	19930083343	NACA-TN-2580
Ditching tests with a 1/16-size model of the Navy XP2V-1 airplane at the Langley tank no. 2 monorail	Fisher, Lloyd J; Tarshis, Robert P	18-May-50	19930086312	NACA-RM-L50C23
An experimental investigation of the base pressure characteristics of nonlifting bodies of revolution at Mach numbers from 2.73 to 4.98	Reller, John O , Jr; Hamaker, Frank M	17-Mar-55	19930084104	NACA-TN-3393
Flight measurements of the vibration experienced by a tandem helicopter in transition, vortex-ring state, landing, approach, and yawed flight	Yeates, John E	1-Sep-58	19930085268	NACA-TN-4409
Characteristics of a 40 degree cone for measuring Mach number, total pressure, and flow angles at supersonic speeds	Centolanzi, Frank J	1-May-57	19930084789	NACA-TN-3967
Direct measurements of skin friction	Dhawan, Satish	1-Jan-52	19930083292	NACA-TN-2567
Compressive properties of titanium sheet at elevated temperatures	Barrett, Paul F	1-Feb-50	19930082695	NACA-TN-2038
Flight investigation from Mach number 0.8 to 2.0 to determine some effects of wing-to-tail distance on the longitudinal stability and control characteristics of a 60 degree delta-wing-canard missile	Brown, Clarence A , Jr; Lundstrom, Reginald R	20-Jun-52	19930087212	NACA-RM-L52C26
Altitude-wind-tunnel investigation of the R-4360-18 power-plant installation for the XR60 airplane I : engine-cooling characteristics	Kuenzig, Johm K; Moore, Stanley H	10-Feb-47	19930085611	NACA-RM-E7A15
Generalization of turbojet-engine performance in terms of pumping characteristics	Sanders, Newell D; Behun, Michael	1-Aug-49	19930082605	NACA-TN-1927
Some effects of aeroelasticity and sweepback on the rolling effectiveness and drag of a 1/11-scale model of the Bell X-5 airplane wing at Mach numbers from 0.6 to 1.5	English, Roland D	18-Nov-53	19930081603	NACA-RM-L53I18b
Preliminary measurements of the dynamic lateral stability characteristics of the Douglas D-588-II (BuAero No. 37974) airplane	Sjoberg, Sigurd A	18-Aug-49	19930085944	NACA-RM-L9G18
Effect of inlet flow distortion on compressor stall and acceleration characteristics of a J65-B-3 turbojet engine	Fenn, David B; Sivo, Joseph N	18-Nov-55	19930088887	NACA-RM-E55F20

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Flight investigation of the aerodynamic derivatives and performance of control systems of two full-scale guided bombs	Seaberg, Ernest C; Geller, Edward S	17-Jun-54	19930087607	NACA-RM-L53E22
Time histories of horizontal-tail loads on a jet-powered bomber airplane in four maneuvers	Aiken, William S , Jr; Wiener, Bernard	19-Oct-49	19930086116	NACA-RM-L9H16a
Measurements in a shock tube of heat-transfer rates at the stagnation point of a 1.0-inch-diameter sphere for real-gas temperatures up to 7,900 R	Sabol, Alexander P	1-Aug-58	19930085227	NACA-TN-4354
A summary of data on the division of loads for various wing-fuselage combinations	Gillis, Clarence L	8-Jun-53	19930087670	NACA-RM-L53E08
Investigation of an underslung scoop inlet at Mach numbers to 1.99	Weinstein, Maynard I; Vargo, Donard J; Mckevitt, Frank	13-Mar-57	19930089631	NACA-RM-E56L11
Visualization of rotor tip secondary flows with blade tip air discharge and suction in a low-speed turbine	Kofskey, Milton G; Allen, Hubert W	17-Aug-56	19930089398	NACA-RM-E56E16
Theoretical analysis of one-stage windmills for reducing flow distortion	English, Robert E; Yohner, Peggy L	12-Jun-57	19930090224	NACA-RM-E57D05
Flight investigation of the longitudinal stability and control characteristics of the Douglas D-558-I airplane (BuAero No. 37972) at Mach numbers up to 0.89	Sadoff, Melvin; Roden, William S; Eggleston, John M	25-Jun-51	19930086806	NACA-RM-L51D18
Some features of artificially thickened fully developed turbulent boundary layers with zero pressure gradient	Klebanoff, P S; Diehl, Z W	1-Oct-51	19930083183	NACA-TN-2475
Investigation of the static stability characteristics of five hypersonic missile configurations at Mach numbers from 2.29 to 4.65	Turner, Kenneth L; Appich, W H , Jr	30-Jun-58	19930090116	NACA-RM-L58D04
Description and preliminary flight investigation of an instrument for detecting subnormal acceleration	Morris, Garland J; Lina, Lindsay J	1-Nov-54	19930083962	NACA-TN-3252
An investigation of the downwash and wake behind large-scale swept and unswept wings	Tolhurst, William H , Jr	2-Feb-48	19930085850	NACA-RM-A7L05
Design and performance of experimental axial-discharge mixed-flow compressor II : performance of impeller	Wilcox, Ward W	12-Aug-48	19930085416	NACA-RM-E8F07
A method for rapid selection of design characteristics of 1-, 1 1/2-, and 2-stage turbines with optimum annulus taper	Yohner, Peggy L; English, Robert E	18-Feb-58	19930090066	NACA-RM-E57J09
Further studies of the mechanism by which hydrogen enters metals during chemical and electrochemical processing	Mcgraw, L D; Ditmars, W E; Snavelly, C A; Faust, C L	1-Mar-54	19930083887	NACA-TN-3164
Langley free-flight-tunnel investigation of the automatic lateral stability characteristics of a model equipped with a gyro stabilizing unit that provided either flicker-type or hunting control	Schade, Robert O	11-Jan-49	19930085489	NACA-RM-L8K04
Deformation analysis of wing structures	Kuhn, Paul	1-Jul-47	19930081987	NACA-TN-1361
X-ray diffraction investigation of minor phases of 20 high-temperature alloys	Rosenbaum, B M	1-Jul-48	19930082232	NACA-TN-1580
Some observations on stall flutter and buffeting	Rainey, A Gerald	25-Jun-53	19930087556	NACA-RM-L53E15

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Study of pressure distributions on simple sharp-nosed models at Mach numbers from 16 to 18 in helium flow	Erickson, Wayne D	1-Oct-57	19930084896	NACA-TN-4113
Flight and preflight evaluation of an automatic thrust-coefficient control system in a twin-engine ram-jet missile	Dettwyler, H Rudolph; Trout, Otto F JR	22-Jan-54	19930088029	NACA-RM-L53K13
Numerical solution of equations for one-dimensional gas flow in rotating coolant passages	Brown, W Byron; Rossbach, Richard J	26-Jun-50	19930086200	NACA-RM-E50E04
Hinge-moment and other aerodynamic characteristics at transonic speeds of a quarter-span spoiler on a tapered 45 degree sweptback wing of aspect ratio 3	Fikes, Joseph E	26-Feb-52	19930086992	NACA-RM-L52A03
Canopy loads investigation for the F6F-3 airplane	Cocke, Bennie W , Jr; Czarnecki, K R	14-Apr-47	19930085795	NACA-RM-L6L23a
Wind-tunnel investigation of air loads over a double slotted flap on the NACA 65(216)-215, a = 0.8 airfoil section	Visconti, Fioravante	9-Apr-47	19930085619	NACA-RM-L7A30
Study of aluminum deformation by electron microscopy	Young, A P; Melton, C W; Schwartz, C M	1-Aug-56	19930084471	NACA-TN-3728
Effects of two trailing-edge controls on the aerodynamic characteristics of a rectangular wing and body combination at Mach numbers from 3.00 and 5.05	Gloria, Hermilo R; Wong, Thomas J	1-Feb-56	19930088996	NACA-RM-A55K07
Wind-tunnel tests of a 1/4-scale model of the bell XS-1 transonic airplane (Army project MX-653) II : lateral and directional stability and control	Kemp, W B; Polhamus, E C	24-Jun-46	19930085549	NACA-RM-L6E27
Notes on the theoretical characteristics of two-dimensional supersonic airfoils	Ivey, H Reese	1-Jan-47	19930081950	NACA-TN-1179
Design and performance of flight-type liquid-hydrogen heat exchanger	Fenn, David B; Braithwaite, Willis M; Ordin, Paul M	19-Aug-57	19930089757	NACA-RM-E57F14
Combustor performance with various hydrogen-oxygen injection methods in a 200-pound-thrust rocket engine	Heidmann, M F; Baker, Louis, Jr	30-Sep-58	19930090156	NACA-RM-E58E21
Theory of plane, symmetrical intake diffusers	Brodel, Walter	1-Apr-50	19930093963	NACA-TM-1267
Ground simulator studies of a small side-located controller in a power control system	Assadourian, Arthur	23-Apr-58	19930089990	NACA-RM-L58B14
Performance of several half-conical side inlets at supersonic and subsonic speeds	Stitt, Leonard E; Cubbison, Robert W; Flaherty, Richard J	1-Feb-56	19930088947	NACA-RM-E55J10a
Friction at high sliding velocities	Johnson, Robert L; Swikert, Max A; Bisson, Edmond E	1-Oct-47	19930082074	NACA-TN-1442
Analytical and experimental investigation of inlet-engine matching for turbojet-powered aircraft at Mach numbers up to 2.0	Esenwein, Fred T; Schueller, Carl F	13-Feb-52	19930087893	NACA-RM-E51K20
Evaluation of the use of electrical resistance for detecting overtemperated S-816 turbine blades	Robins, Leonard	20-Mar-57	19930089510	NACA-RM-E57A29a
Analysis of propeller efficiency losses associated with heated-air thermal de-icing	Corson, Blake W; Maynard, Julian D	1-Jul-46	19930081781	NACA-TN-1112
The nickel dip : a radioisotope study of metallic deposits in porcelain enameling	Richmond, Joseph C; Kirkpatrick, Harry B; Harrison, William N	1-Feb-56	19930084373	NACA-TN-3577
The effect of ethylene dibromide on the knock-limited performance of leaded and unleaded S reference fuel	Niemi, Richard O	1-Feb-46	19930093421	NACA-WR-E-183, NACA-MR-E6B12
Rocket thrust variation with foamed liquid propellants	Morrell, G	26-Feb-57	19930089674	NACA-RM-E56K27

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Flight tests of a model of a high-wing transport vertical-take-off airplane with tilting wing and propellers and with jet controls at the rear of the fuselage for pitch and yaw control	Lovell, Powell M , Jr; Parlett, Lysle P	1-Mar-57	19930084823	NACA-TN-3912
Application of silver chloride in investigations of elasto-plastic states of stress	Goodman, L E; Sutherland, J G	1-Nov-53	19930083684	NACA-TN-3043
Wind-tunnel studies of the performance of multirotor configurations	Dingeldein, Richard C	1-Aug-54	19930083899	NACA-TN-3236
Effect of fuel-orifice diameter on performance of heptane-oxygen rocket-engines	Priem, Richard J; Hersch, Martin	25-Feb-58	19930090002	NACA-RM-E57I26
Design and Performance of Family of Diffusing Scrolls with Mixed-flow Impeller and Vaneless Diffuser	Brown, W Byron; Bradshaw, Guy R	1-May-48	19930082380	NACA-TN-1568
Determination of ram-jet combustion-chamber temperatures by means of total-pressure surveys	Pinkel, I Irving	3-Mar-47	19930093753	NACA-RM-E7C03
Longitudinal stability and control characteristics of an airplane model having a 42.8 degree sweptback circular-arc wing with aspect ratio 4.00, taper ratio 0.50, and sweptback tail surfaces	Weil, Joseph; Comisarow, Paul; Goodson, Kenneth W	17-Oct-47	19930085826	NACA-RM-L7G28
Results of flight tests at supersonic speeds to determine the effect of body nose fineness ratio on body and wing drag	Katz, Ellis R	26-Jun-47	19930085698	NACA-RM-L7B19
Effect of uneven air-flow distribution to the twin inlets of an axial-flow turbojet engine	Wallner, Lewis E; Conrad, E William; Prince, William R	26-Jan-53	19930090430	NACA-RM-E52K06
On the theory of the turbulent boundary layer	Rotta, J	1-Feb-53	19930093886	NACA-TM-1344
Effects on longitudinal stability and control characteristics of a B-29 airplane of variations in stick-force and control-rate characteristics obtained through use of a booster in the elevator-control system	Mathews, Charles W; Talmage, Donald B; Whitten, James B	1-Feb-51	19930082880	NACA-TN-2238
Radiant heat transfer from flames in a single tubular turbojet combustor / Leonard Topper	Topper, Leonard	19-Aug-52	19930087188	NACA-RM-E52F23
Effects of frequency and amplitude on the yawing derivatives of triangular, swept, and unswept wings and of a triangular-wing-fuselage combination with and without a triangular tail performing sinusoidal yawing oscillations	Letko, William; Fletcher, Herman S	1-Sep-58	19930085161	NACA-TN-4390
An evaluation of non-Newtonian flow in pipe lines	Weltmann, Ruth N	1-Feb-55	19930084132	NACA-TN-3397
The longitudinal stability and control characteristics of a 60 degree delta-wing missile having half-delta tip controls as obtained from a free-flight investigation at transonic and supersonic speeds	Moul, Martin T; Baber, Hal T , Jr	3-Oct-52	19930087329	NACA-RM-L52H14
Skin-temperature telemeter for determining boundary-layer heat-transfer coefficients	Fricke, Clifford L; Smith, Francis B	15-Mar-51	19930086623	NACA-RM-L50J17
Flight investigation of a ram jet burning magnesium slurry fuel and having a conical shock inlet designed for a Mach number of 4.1	Barlett, Walter A , Jr; Merlet, Charles F	22-Jan-57	19930089441	NACA-RM-L56I24a

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Wind-tunnel investigation at a Mach number of 2.01 of the aerodynamic characteristics in combined pitch and sideslip of some canard-type missiles having cruciform wings and canard surfaces with 70 degree delta plan forms	Spearman, M Leroy; CORNELIUS DRIVER	23-Aug-54	19930088213	NACA-RM-L54F09
Abnormal grain growth in M-252 and S-816 alloys	Decker, R F; Rush, A I; Dano, A G; Freeman, J W	1-Nov-57	19930085120	NACA-TN-4084
The effects of Reynolds number on the application of NACA 16-series airfoil characteristics to propeller design	Cleary, Harold E	1-Jan-52	19930083415	NACA-TN-2591
Analytical study of shimmy of airplane wheels	Bourcier De Carbon, Christian	1-Sep-52	19930093893	NACA-TM-1337
Hydrodynamic investigation of a model of a supersonic multijet water-based aircraft with engines exhausting from the step	Blanchard, Ulysse J	23-Aug-57	19930089863	NACA-RM-L57F20
Steady properly-banked turns of turbojet-propelled airplanes	Miele, Angelo	1-Mar-55	19930093848	NACA-TM-1382
Concerning the flow about ring-shaped cowlings Part IX : the influence of oblique oncoming flow on the incremental velocities and air forces at the front part of circular cowls	Kuchemann, Dietrich; Weber, Johanna	1-Feb-52	19930093901	NACA-TM-1329
A method for estimating the components of lift of wing-body combinations at supersonic speeds	Tucker, Warren A	16-Sep-52	19930087203	NACA-RM-L52D22
Lift, drag, and static longitudinal stability data from an exploratory investigation at a Mach number of 6.86 of an airplane configuration having a wing of trapezoidal plan form	Penland, Jim A; Ridyard, Herbert W; Fetterman, David E , Jr	18-Jan-55	19930088624	NACA-RM-L54L03b
Effects of wing elasticity on the aerodynamic characteristics of an airplane configuration having 45 degrees sweptback wings as obtained from free-flight rocket-model tests at transonic speeds	Vitale, A James	28-Jan-53	19930087446	NACA-RM-L52L30
Preliminary investigation of combustion of diborane in a turbojet combustor	Kaufman, Warner B; Gibbs, James B; Branstetter, J Robert	13-Feb-57	19930087431	NACA-RM-E52L15
Buckling stresses of simply supported rectangular flat plates in shear	Stein, Manuel; Neff, John	1-Mar-47	19930082111	NACA-TN-1222
Tensile fracturing characteristics of several high-temperature alloys as influenced by orientation in respect to forging direction	Brown, W F , Jr; Schwartzbart, H; Jones, M H	12-Feb-51	19930086552	NACA-RM-E50L28
Longitudinal stability and control characteristics of a canard missile configuration for Mach numbers from 1.1 to 1.93 as determined from free-flight and wind-tunnel investigation	Curfman, Howard J , Jr; Grigsby, Carl E	8-Aug-52	19930087105	NACA-RM-L52F06
Free-flight determination of boundary-layer transition and heat transfer for a hemisphere-cylinder at Mach numbers to 5.6	Krasnican, M J; Wisniewski, R J	21-Oct-57	19930089780	NACA-RM-E57F10
Application of linear analysis to an experimental investigation of a turbojet engine with proportional speed control	Dandois, Marcel; Novik, David	1-Feb-52	19930083531	NACA-TN-2642
Experimental determination of the effects of dihedral, vertical-tail area, and lift coefficient on lateral stability and control characteristics	Mckinney, Marion O	1-Jul-46	19930081718	NACA-TN-1094

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Experimental investigation of a transonic compressor rotor with a 1.5-inch chord length and an aspect ratio of 3.0 I : design, over-all performance, and rotating-stall characteristics	Tysl, Edward R; Schwenk, Francis C; Watkins, Thomas B	28-Mar-55	19930088556	NACA-RM-E54L31
A comparison of two submerged inlets at subsonic and transonic speeds	Mossman, Emmet A	15-Sep-49	19930085898	NACA-RM-A9F16
Manual of the ICAO standard atmosphere calculations by the NACA		1-May-54	19930083952	NACA-TN-3182
Theoretical analysis of incompressible flow through a radial-inlet centrifugal impeller at various weight flows II : solution in leading-edge region by relaxation methods	Kramer, James J	1-Jun-55	19930084358	NACA-TN-3449
Characteristics of four nose inlets as measured at Mach numbers between 1.4 and 2.0	Brajnikoff, George B; Rogers, Arthur W	1-Aug-56	19930084457	NACA-TN-3724
Hovering-flight tests of a model of a transport vertical-take-off airplane with tilting wing and propellers	Lovell, Powell M , Jr; Parlett, Lysle P	1-Mar-56	19930093975	NACA-TN-3630
The minimization of wave drag for wings and bodies with given base area or volume	Heaslet, Max A	1-Jul-57	19930084002	NACA-TN-3289
Effect of transverse body force on channel flow with small heat addition	Ostrach, Simon; Moore, Franklin K	1-Feb-56	19930084421	NACA-TN-3594
Stress and distortion measurements in a 45 degree swept box beam subjected to antisymmetrical bending and torsion	Zender, George W; Heldenfels, Richad R	1-Apr-50	19930082727	NACA-TN-2054
An analysis of the effect of structural feedback on the flutter of a control surface having a power-boost system	Barnes, Robert H	10-Jun-52	19930086874	NACA-RM-A51I25
Free-flight investigation at transonic and supersonic speeds of the rolling effectiveness of a thin, unswept wing having partial-span ailerons	Sandahl, Carl A	22-Oct-48	19930085459	NACA-RM-L8G20a
Comparison of over-all impact loads obtained during seaplane landing tests with loads predicted by hydrodynamic theory	Steiner, Margaret F	1-Jan-49	19930082453	NACA-TN-1781
Wind-tunnel investigation of the aerodynamic characteristics in pitch of wing-fuselage combinations at high subsonic speeds : taper-ratio series	King, Thomas J , Jr; Pasteur, Thomas B , Jr	30-Jun-53	19930087565	NACA-RM-L53E20
Flight tests at transonic and supersonic speeds of an airplane-like configuration with thin straight sharp-edge wings and tail surfaces	Mitchell, Jesse L; Gillis, Clarence, L	5-Jan-49	19930085523	NACA-RM-L8K04a
A flight investigation and analysis of the lateral-oscillation characteristics of an airplane	Stough, Carl J; Kauffman, William M	1-Oct-50	19930082844	NACA-TN-2195
Investigation of a 1/7-scale powered model of a twin-boom airplane and a comparison of its stability, control, and performance with those of a similar all-wing airplane	Brewer, Gerald W; May, Ralph W , Jr	1-Oct-48	19930082266	NACA-TN-1649
Experimental investigation of deposition by boron-containing fuels in turbojet combustor	Kaufman, Warner B; Branstetter, J Robert; Lord, Albert M	10-May-57	19930089071	NACA-RM-E55L07

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Wind-tunnel investigation of static lateral and longitudinal stability characteristics of a 1/62-scale model of the X-1E airplane at combined angles of attack and sideslip at supersonic speeds	Henderson, Arthur, Jr	19-Sep-57	19930089811	NACA-RM-L57G22
Results obtained during a dive recovery of the Bell XS-1 airplane to high lift coefficients at a Mach number greater than 1.0	Clift, Dorothy C; Mclaughlin, Milton D	6-Apr-48	19930085351	NACA-RM-L8C23a
Method of designing corrugated surfaces having maximum cooling effectiveness within pressure-drop limitations for application to cooled turbine blades	Slone, Henry O; Hubbartt, James E; Arne, Vernon L	9-Dec-54	19930089333	NACA-RM-E54H20
Wind-tunnel investigation of unshielded horn balances on a horizontal tail surface	Lowry, John G; Crandall, Stewart M	1-Jul-47	19930082013	NACA-TN-1377
Flutter investigation on the high subsonic and transonic speed range on cantilever delta-wing plan forms with leading-edge sweepback of 60 degrees, 53 degrees 8', and 45 degrees	Lauten, William T , Jr; Burgess, Marvin F	31-Jan-57	19930089666	NACA-RM-L56K26
Experimental investigation of liquid diborane - liquid oxygen propellant combination in 100-pound-thrust rocket engine	Rowe, William H; Ordin, Paul M; Diehl, John M	9-May-49	19930085890	NACA-RM-E9C11
The transonic characteristics of 36 symmetrical wings of varying taper, aspect ratio, and thickness as determined by the transonic-bump technique	Nelson, Warren H; Allen, Edwin C; Krumm, Walter J	30-Dec-53	19930088279	NACA-RM-A53I29
Interference effects at Mach 1.9 on a horizontal tail due to trailing shock waves from an axisymmetric body with an exiting jet	Salmi, Reino J; Klann, John L	25-Jan-56	19930088941	NACA-RM-E55J13a
Flight investigation at subsonic, transonic, and supersonic velocities of the hinge-moment characteristics, lateral-control effectiveness, and wing damping in roll of a 60 degrees sweptback delta wing with half-delta tip ailerons	Martz, C William; Church, James D	21-Sep-51	19930086858	NACA-RM-L51G18
Theoretical symmetric span loading due to flap deflection for wings of arbitrary plan form at subsonic speeds	Deyoung, John	1-Jan-51	19930083106	NACA-TN-2278
Friction and wear investigation of molybdenum disulfide II : effects of contaminants and method of application	Peterson, Marshall B; Johnson, Robert L	1-Mar-54	19930083852	NACA-TN-3111
Flutter of a 60 degree delta wing (NACA 65A003 airfoil) encountered at supersonic speeds during the flight test of a rocket-propelled model	Judd, Joseph H; Lauten, William T , Jr	25-Sep-52	19930087050	NACA-RM-L52E06a
Effects of taper ratio on the longitudinal characteristics at Mach numbers from 0.6 to 1.4 of a wing-body-tail combination having an unswept wing of aspect ratio 3	Summers, James L; Treon, Stuart L; Graham, Lawrence A	23-Mar-55	19930088798	NACA-RM-A54L20
The effects of wing-mounted external stores on the trim, buffet, and drag characteristics of a rocket-propelled model having a 45 degree sweptback wing	Henning, Allen B	22-Apr-54	19930090493	NACA-RM-L54B19
Study of screeching combustion in a 6-inch simulated afterburner	Rayle, Warren D; Tower, Leonard K; Blackshear, Perry L	1-Oct-55	19930084315	NACA-TN-3567
The effects of fuel sloshing on the lateral stability of a free-flying airplane model	Smith, Charles C , Jr	29-Jun-48	19930085335	NACA-RM-L8C16

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Utilization of external-compression diffusion principle in design of shock-in-rotor supersonic compressor blading	Creagh, John W R; Klapproth, John F	11-Sep-53	19930087713	NACA-RM-E53F18
Effects of compressibility at Mach numbers up to 0.8 on internal-flow characteristics of a cowlings-spinner combination equipped with an eight-blade dual-rotation propeller	Bingham, Gene J; Keith, Arvid L , Jr	26-Jun-53	19930087701	NACA-RM-L53E12
Characteristics of swept wings at high speeds	Donlan, Charles J; Weil, Joseph	30-Jan-52	19930086864	NACA-RM-L52A15
Two-dimensional wind-tunnel investigation of the NACA 64(sub 1)-012 airfoil equipped with two types of leading-edge flap	Fullmer, Felicien F	1-May-47	19930081893	NACA-TN-1277
Total lift and pitching moment on thin arrowhead wings oscillating in supersonic potential flow	Cunningham, H J	1-May-55	19930084304	NACA-TN-3433
Investigation of the validity of an ideal theory of elasto-plasticity for wrought aluminum alloys	Thomsen, E G; Cornet, I; Lotze, I; Dorn, J E	1-Jul-48	19930082354	NACA-TN-1552
Tensile properties of some sheet materials under rapid-heating conditions	Heimerl, George J; Inge, John E	9-Jun-55	19930088825	NACA-RM-L55E12b
Occurrence of iron oxides on cast-iron engine surfaces after operation	Borckway, L O	1-Feb-46	19930093144	NACA-WR-E-76, NACA-ACR-E5L18
Investigation of Thrust Augmentation of a 1600-Pound Thrust Centrifugal-Flow-Type Turbojet Engine by Injection of Refrigerants at Compressor Inlets	Jones, William L.; Dowman, Harry W.	25-Aug-47	19930085811	NACA-RM-E7G23
A further investigation of the meteorological conditions conducive to aircraft icing	Lewis, William; Kline, Dwight B; Steinmetz, Charles P	1-Oct-47	19930082171	NACA-TN-1424
Critical shear stress of an infinitely long plate in the plastic region	Stowell, Elbridge Z	1-Aug-48	19930082319	NACA-TN-1681
The effects of stability of spin-recovery tail parachutes on the behavior of airplanes in gliding flight and in spins	Scher, Stanley H; Draper, John W	1-May-50	19930082805	NACA-TN-2098
Comparative foaming characteristics of aeronautical lubricating oils	Woods, W W; Robinson, J V	1-Feb-50	19930082688	NACA-TN-2031
The asymmetric adjustable supersonic nozzle for wind-tunnel application	Allen, H Julian	23-Jul-48	19930085409	NACA-RM-A8E17
The fatigue characteristics of bolted lap joints of 24S-T Alclad sheet materials	Jackson, L R; Wilson, W M; Moore, H F; Grover, H J	1-Oct-46	19930081943	NACA-TN-1030
Preliminary survey of compressor rotor-blade wakes and other flow phenomena with a hot-wire anemometer	Fessler, Theodore E; Hartmann, Melvin J	26-Jun-56	19930089326	NACA-RM-E56A13
Investigation of a canard missile configuration (NACA RM-4) in the Langley 9-inch supersonic tunnel at Mach numbers of 1.62 and 1.93	Grigsby, Carl E	24-Jun-54	19930088086	NACA-RM-L54E20
Presentation on facility problems in high-temperature structures research	Purser, Paul E; Heldenfels, Richard R	27-Mar-56	19930089159	NACA-RM-L56C24
Low-Speed Static Longitudinal Stability and Control Characteristics of a 60 Degrees Triangular-Wing Model Having Half-Delta Tip Controls	Jaquet, Byron M; Queijo, M J; Lichtenstein, Jacob H	27-Jun-51	19930086612	NACA-RM-L51D20a
Pressure distributions on four canopy-fuselage configurations at transonic speeds	Cornette, Elden S	5-Dec-56	19930089482	NACA-RM-L56H22
Ultimate stresses developed by 24S-T and Alclad 75S-T aluminum-alloy sheet in incomplete diagonal tension	Levin, L Ross	1-Nov-48	19930082411	NACA-TN-1756

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Investigation of two-stage counterrotating compressor II : first-rotor blade-element performance	Wright, Linwood C; Wilcox, Ward W	5-Oct-56	19930089275	NACA-RM-E56G09
Comparison of performance of AN-F-58 fuel and gasoline in J34-WE-22 turbojet engine	Dowman, Harry W; Younger, George G	7-Apr-49	19930093769	NACA-RM-E8L10a
Investigation of effect of number and width of annular flame-holder gutter on afterburner performance	Henzel, James G; Bryant, Lively	3-Jun-54	19930088377	NACA-RM-E54C30
Boundaries of supersonic axisymmetric free jets	Love, Eugene S; Woodling, Mildred J; Lee, Louise P	5-Oct-56	19930089578	NACA-RM-L56G18
Effect of aspect ratio and taper on the pressure drag at supersonic speeds of unswept wings at zero lift	Nielsen, Jack N	1-Nov-47	19930082144	NACA-TN-1487
Component and over-all performance evaluation of an axial-flow turbojet engine over a range of engine-inlet Reynolds numbers	Braithwaite, W M; Huntley, S C; Walker, Curtis L	10-Jul-52	19930087034	NACA-RM-E52B08
A comparison of the simulated-altitude performance of two turbojet combustor types	Bolz, Ray E; Schroeter, Thomas T; Zettle, Eugene V	7-Oct-48	19930085785	NACA-RM-E7I25
Ground effects on the longitudinal characteristics of two models with wings having low aspect ratio and pointed tips	Buell, Donald A; Tinling, Bruce E	15-Jul-55	19930088713	NACA-RM-A55E04
Some calculations of the lateral response of two airplanes to atmospheric turbulence with relation to the lateral snaking problem	Bird, John D	25-Aug-50	19930086254	NACA-RM-L50F26a
A study of water pressure distribution during landings with special reference to a prismatic model having a heavy beam loading and a 30 degree angle of dead rise	Smiley, Robert F	1-Jul-50	19930082814	NACA-TN-2111
A preliminary investigation of static-pressure changes associated with combustion of aluminum borohydride in a supersonic wind tunnel	Dorsch, Robert G; Serafini, John S; Fletcher, Edward A	18-Aug-55	19930088773	NACA-RM-E55F07
Investigation of the normal force accompanying thrust-axis inclination of the NACA 1.167-(0)(03)-058 and the NACA 1.167-(0)(05)-058 three-blade propellers at forward Mach numbers to 0.90	Demele, Fred A; Otey, William R	23-Jun-54	19930088254	NACA-RM-A54D22
A study of the use of leading-edge notches as a means for improving the low-speed pitching-moment characteristics of a thin 45-degree swept wing of aspect ratio 4	Weil, Joseph; Morrison, William D , Jr	1-Dec-53	19930087927	NACA-RM-L53J27a
Correlation of coolant heat rejections of a multicylinder, liquid-cooled engine of 1710-cubic-inch displacement	Povolny, John H; Lundin, Bruce T	31-Aug-48	19930085586	NACA-RM-E8B06a
An investigation of a supersonic aircraft configuration having a tapered wing with circular-arc sections and 40 degree sweepback : static longitudinal and lateral stability and control characteristics at a Mach number of 1.89	Spearman, M Leroy; PALAZZO EDWARD B	18-Oct-54	19930088465	NACA-RM-L54G26a
Bending stresses due to torsion in a tapered box beam	Kruszewski, Edwin T	1-May-47	19930081921	NACA-TN-1297

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Effects of spoiler on airfoil pressure distribution and effects of size and location of spoilers on the aerodynamic characteristics of a tapered unswept wing of aspect ratio 2.5 at a Mach number of 1.90	Conner, D William; Mitchell, Meade H , Jr	24-Jan-51	19930086530	NACA-RM-L50L20
Tests of a 45 degree sweptback-wing model in the Langley gust tunnel	Pierce, Harold B	1-Feb-48	19930082210	NACA-TN-1528
Forced-convection heat-transfer characteristics of molten Flinak flowing in an Inconel system	Grele, Milton D; Gedeon, Louis	1-Feb-54	19930088007	NACA-RM-E53L18
Evaluation of end- and radial-burning solid fuels in ram jets mounted in a free jet at Mach numbers of 2.0, 2.2, and 2.3	Bartlett, Walter A , Jr	25-Nov-52	19930087773	NACA-RM-L52I19
Longitudinal stability and wake-flow characteristics of a twisted and cambered wing-fuselage combination of 45 degree sweepback and aspect ratio 8 with a horizontal tail and stall-control devices at a Reynolds number of 4.0×10^6 (exp 6).	Foster, Gerald V	8-Jun-53	19930087813	NACA-RM-L53D08
Temperature drops through liquid-cooled turbine blades with various cooling-passage geometries	Bartoo, Edward R	23-Mar-56	19930089198	NACA-RM-E55K18
Investigation of the lift, center of pressure, and drag of a projectile at a Mach number of 8.6 and a Reynolds number of 17 million	Canning, Thomas N	19-Nov-54	19930088487	NACA-RM-A54H23a
Pressure-distribution and ram-recovery characteristics of NACA submerged inlets at high subsonic speeds	Frank, Joseph L	7-Jul-50	19930086157	NACA-RM-A50E02
Effect of screens in reducing distortion and diffusion length for a 'dump' diffuser at a Mach number of 3.85	Wasserbauer, Joseph F	15-Jul-58	19930090571	NACA-RM-E58C19
Effect of current design trends on airplane spins and recoveries	Neihouse, Anshal I	28-Jan-52	19930087853	NACA-RM-L52A09
Experimental and theoretical studies of panel flutter at Mach numbers 1.2 to 3.0	Sylvester, Maurice A; Nelson, Herbert C; Cunningham, Herbert J	19-Jul-55	19930090583	NACA-RM-L55E18b
Critical combinations of shear and longitudinal direct stress for long plates with transverse curvature	Batdorf, S B; Schildcrout, Murry; Stein, Manuel	1-Jun-47	19930081973	NACA-TN-1347
Comparison of drag, pressure recovery, and surface pressure of a scoop-type inlet and an NACA submerged inlet at transonic speeds	Frank, Joseph L; Taylor, Robert A	17-Dec-51	19930086824	NACA-RM-A51H20a
Effects of some leading-edge modifications, section and plan-form variations, and vertical position on low-lift wing drag at transonic speeds	Welsh, Clement J; Wallskog, Harvey A; Sandahl, Carl A	18-Jan-55	19930088425	NACA-RM-L54K01
Preliminary investigation at Mach number 1.9 of simulated wing-root inlets	Piercy, Thomas G; Weinstein, Maynard I	19-Jan-55	19930088477	NACA-RM-E54I24
Flight investigation of the performance of a two-stage solid-propellant Nike-Deacon (DAN) meteorological sounding rocket	Heitkotter, Robert H	1-Jul-56	19930084525	NACA-TN-3739
Experimental investigation of localized regions of laminar-boundary-layer separation	Bursnall, William Jesse; Loftin, Laurence K , Jr	1-Apr-51	19930082976	NACA-TN-2338
Effect of taper ratio on the low-speed rolling stability derivatives of swept and unswept wings of aspect ratio 2.61	Brewer, Jack D; Fisher, Lewis R	1-Nov-51	19930083083	NACA-TN-2555
A study of fuel-nitric acid reactivity	Feiler, Charles E; Baker, Louis, Jr	6-Apr-56	19930089252	NACA-RM-E56A19

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Measurements of aerodynamic heat transfer and boundary-layer transition on a 10 degree cone in free flight at supersonic Mach numbers up to 5.9	Rumsey, Charles B; Lee, Dorothy B	26-Apr-56	19930089172	NACA-RM-L56B07
Comparison of normal load factors experienced with jet fighter airplanes during combat operations with those of flight tests conducted by the NACA during operational training	Hamer, Harold A; Huss, Carl R; Mayer, John P	7-Jul-54	19930088093	NACA-RM-L54E18
Effect of type of porous surface and suction velocity distribution on the characteristics of a 10.5-percent-thick airfoil with area suction	Dannenberg, Robert E; Weiberg, James A	1-Dec-53	19930083788	NACA-TN-3093
Flight Measurements of the Vibratory Bending and Torsion Stress of a Supersonic-Type Propeller for Flight Mach Numbers up to 0.95	O'Bryan, Thomas C	11-Jul-56	19930089266	NACA-RM-L56D20a
Preliminary evaluation of pentaborane in a 1/4-sector of an experimental annular combustor	Kaufman, Warner B; Lezberg, Erwin A; Breitwieser, Roland	22-May-57	19930089229	NACA-RM-E56B13
Conversion of inviscid normal-force coefficients in helium to equivalent coefficients in air for simple shapes at hypersonic speeds	Mueller, James N	1-Oct-56	19930084581	NACA-TN-3807
Generalization of gas-flow-interferometry theory and interferogram evaluation equations for one-dimensional density fields	Howes, Walton L; Buchele, Donald R	1-Feb-55	19930084157	NACA-TN-3340
Summary and analysis of data on damping in yaw and pitch for a numbers of airplane models	Cotter, William E	1-May-46	19930081690	NACA-TN-1080
Physical properties of concentrated nitric acid	Sibbit, W L; Clair, C R ST; Bumb, D W; Pagerey, P F; Kern, J P; FYFE D W	1-Jun-53	19930083628	NACA-TN-2970
Summary of the first sample of VGH data of normal accelerations and associated operating conditions on two four-engine transport airplanes in commercial operations	Mcdougal, Robert L	28-Aug-50	19930086146	NACA-RM-L50D28a
Pressure recovery and drag characteristics of a forward located circular scoop inlet as determined from flight tests for Mach numbers from 0.8 to 1.6	Merlet, Charles F	8-Apr-54	19930090333	NACA-RM-L54B23
Comparison of experimental with calculated results for the lifting effectiveness of a flexible 45 degree sweptback wing of aspect ratio 6.0 at Mach numbers from 0.8 to 1.3	Walters, Richard E	15-Apr-54	19930088125	NACA-RM-L54B16
Light diffusion through high-speed turbulent boundary layers	Stine, Howard A; Winovich, Warren	26-May-56	19930089238	NACA-RM-A56B21
Preliminary investigation of flow fluctuations during surge and blade row stall in axial-flow compressors / c Merle C. Huppert	Huppert, Merle C	13-Aug-52	19930087230	NACA-RM-E52E28
Forced-convection heat-transfer and pressure-drop characteristics of a closely spaced wire matrix	Gedeon, Louis; Grele, Milton D	13-Aug-54	19930088205	NACA-RM-E54D12
A summary of NACA research on the strength and creep of aircraft structures at elevated temperatures	Heldenfels, Richard R; Mathauser, Eldon E	31-May-56	19930089289	NACA-RM-L56D06
Vertical force-deflection characteristics of a pair of 56-inch-diameter aircraft tires from static and drop tests with and without prerotation	Smiley, Robert F; Horne, Walter B	1-Feb-57	19930084807	NACA-TN-3909

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Fluctuations in a spray formed by two impinging jets	Heidmann, Marcus F; Humphrey, Jack C	1-Apr-51	19930083020	NACA-TN-2349
Investigation of the NACA 4-(4)(06)-057-45A and NACA 4-(4)(06)-57-45B two-blade swept propellers at forward Mach numbers to 0.925	Delano, James B; Harrison, Daniel E	6-Feb-50	19930090381	NACA-RM-L9L05
Internal performance of several auxiliary air inlets immersed in a turbulent boundary layer at Mach numbers of 1.3, 1.5, and 2.0	Huff, Ronald G; Anderson, Arthur R	18-Jan-57	19930089524	NACA-RM-E56J18
Properties of aircraft fuels	Barnett, Henry C; Hibbard, Robert R	1-Aug-56	19930084122	NACA-TN-3276
Wind tunnel investigation of effect of wing location, power, and flap deflection on effective dihedral of a typical single-engine fighter-airplane model with tail removed	Tucker, Warren A	1-May-46	19930081744	NACA-TN-1061
The effect of free-stream turbulence on heat transfer from a flat plate	Sugawara, Sugao; Sato, Takashi; Komatsu, Hiroyasu; Osaka, Hiroichi	1-Sep-58	19930093832	NACA-TM-1441
Investigation of an underslung normal-wedge inlet at free-stream Mach numbers from 1.50 to 1.99	Vargo, Donald J; Weinstein, Maynard I	19-Mar-57	19930089365	NACA-RM-E56F27
Charts adapted from Van Driest's turbulent flat-plate theory for determining values of turbulent aerodynamic friction and heat-transfer coefficients	Lee, Dorothy B; Faget, Maxime A	1-Oct-56	19930084604	NACA-TN-3811
A technique applicable to the aerodynamic design of inducer-type multistage axial-flow compressors	Savage, Melvyn; Beatty, Loren A	1-Mar-52	19930083427	NACA-TN-2598
Preliminary drag measurements of the consolidated Vultee XF-92A delta-wing airplane in flight tests to a Mach number of 1.01	Bellman, Donald R; Sisk, Thomas R	4-Jan-54	19930087949	NACA-RM-L53J23
Investigation of the liquid fluorine-liquid diborane propellant combination in a 100-pound-thrust rocket engine	Ordin, Paul M; Douglass, Howard W; Rowe, William H	30-Nov-51	19930086961	NACA-RM-E51I04
Longitudinal aerodynamic characteristics to large angles of attack of a cruciform missile configuration at a Mach number of 2	Spahr, J Richard	6-Dec-54	19930088413	NACA-RM-A54H27
Boundary-layer and stalling characteristics of the NACA 63-009 airfoil section	Gault, Donald E	1-Jun-49	19930082575	NACA-TN-1894
Wind-tunnel investigation of the static lateral stability characteristics of wing-fuselage combinations at high subsonic speeds : aspect-ratio series	Fournier, Paul G; Byrnes, Andrew, L , jr	9-Feb-53	19930087493	NACA-RM-L52L18
Component performance of J65-B3 turbojet engine at several Reynolds number indices	Ciepluch, Carl C; Sivo, Joseph N	21-Dec-54	19930088527	NACA-RM-SE54K24a
Interaction of moving shocks and hot layers	Hess, Robert V	1-May-57	19930084867	NACA-TN-4002
Preliminary report on experimental investigation of engine dynamics and controls for a 48-inch ram-jet engine	Vasu, George; Hart, Clint E; Dunbar, William R	16-Mar-56	19930088932	NACA-RM-E55J12
Effects of wing position and vertical-tail configuration on stability and control characteristics of a jet-powered delta-wing vertically rising airplane model	Lovell, Powell M , Jr; Parlett, Lysle P	1-Jan-57	19930084763	NACA-TN-3899
Investigation of high-temperature operation of liquid-cooled gas turbines I : turbine wheel of aluminum alloy, a high-conductivity nonstrategic material	Kottas, Harry; Sheflin, Bob W	22-Jul-48	19930085404	NACA-RM-E8D12

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Comparison of zero-lift drags determined by flight tests at transonic speeds of symmetrically mounted nacelles in various spanwise positions on a 45 degrees sweptback wing and body combination	Pepper, William B , Jr; Hoffman, Sherwood	23-May-51	19930086607	NACA-RM-L51D06
Control characteristics of trailing-edge spoilers on untapered blunt trailing-edge wings of aspect ratio 2.7 with 0 degree and 45 degrees sweepback at Mach numbers of 1.41 and 1.96	Jacobsen, Carl R	3-Dec-52	19930087354	NACA-RM-L52J28
Study of some dielectric properties of suspensions of magnesium particles in mineral oil	Altshuller, Aubrey P	19-Feb-54	19930090483	NACA-RM-E53L09
A meter for timing the flow of very small volumes of a gas	Westmoreland, J C	17-Oct-52	19930087313	NACA-RM-52I09
Analysis of turbulent heat transfer and flow in the entrance regions of smooth passages	Deissler, Robert G	1-Oct-53	19930083747	NACA-TN-3016
Water-landing investigation of a model having heavy beam loadings and 0 degrees angle of dead rise	Mcarver, A Ethelda	1-Apr-51	19930082935	NACA-TN-2330
Heat delivery in a compressible flow and applications to hot-wire anemometry	Tchen, Chan-Mou	1-Aug-51	19930081246	NACA-TN-2436
A comparison of the lateral controllability with flap and plug ailerons on a sweptback-wing model having full-span flaps	Lovell, Powell M , Jr	1-Dec-50	19930082887	NACA-TN-2247
Altitude starting characteristics of an afterburner with autoignition and hot-streak ignition	Renas, P E; Jansen, E T; Harvey, R W , Sr	6-Apr-53	19930087619	NACA-RM-E53B02
Experimental pressure distributions over wing tips at Mach number 1.9 II : wing tip with subsonic trailing edge	Mirels, Harold; Jagger, James M	21-Dec-49	19930086010	NACA-RM-E9I22a
Some problems on the theory of creep	Rabotnov, Y N	1-Apr-53	19930093877	NACA-TM-1353
Fatigue strengths of 14S-T4 aluminum alloy subjected to biaxial tensile stresses	Marin, Joseph; Hughes, W P	1-Jun-52	19930083259	NACA-TN-2704
Flight investigation of the aileron characteristics of the Douglas D-558-I airplane (BuAero No. 37972) at Mach numbers between 0.6 and 0.89	Thompson, Jim Rogers; Roden, William S; Eggleston, John M	26-May-50	19930086309	NACA-RM-L50D20
Some effects of sweep and aspect ratio on the transonic flutter characteristics of a series of thin cantilever wings having a taper ratio of 0.6	Unangst, John R; Jones, George W , Jr	24-Jan-56	19930088884	NACA-RM-L55I13a
Procedure for calculating flutter at high supersonic speed including camber deflections, and comparison with experimental results	Morgan, Homer G; Huckel, Vera; Runyan, Harry L	1-Sep-58	19930085224	NACA-TN-4335
Investigation of Liquid Fluorine-Liquid Ammonia Propellant Combination in a 100-Pound-Thrust Rocket Engine	Rothenberg, Edward A; Douglass, Howard W	3-Jul-53	19930087667	NACA-RM-E53E08
Comparison of combustion reactivity of ethyldecaborane fuels with typical hydrocarbon fuels on basis of spray flammability limits of fuel-rich mists and calculated lean-limit flame temperatures for fuel vapor-air systems	Wise, Paul H; Lipschitz, Abraham	27-Feb-57	19930089628	NACA-RM-E56L12
Low-speed pressure-distribution measurements at Reynolds number of 3.5×10^6 on a wing with leading-edge sweepback decreasing from 45 degrees at the root to 20 degrees at the tip	Barnett, U Reed, Jr; Lange, Roy H	7-Jul-50	19930086197	NACA-RM-L50A23A

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Low-speed wake characteristics of two-dimensional cascade and isolated airfoil sections	Lieblein, Seymour; Roudebush, William H	1-Oct-56	19930084468	NACA-TN-3771
Statistical explanation of spontaneous freezing of water droplets	Levine, Joseph	1-Dec-50	19930082877	NACA-TN-2234
Total pressure and Schlieren studies of the wakes of various canard control surfaces mounted on a missile body at a Mach number of 1.93	Boatright, William B	20-Nov-52	19930087326	NACA-RM-L52I29
The hydrodynamic force characteristics of streamline bodies of revolution having fineness ratios of 6, 9, and 12 with and without chine strips	Weinflash, Bernard; Fontana, Rudolph E	1-Mar-55	19930088621	NACA-RM-L54K22
Tensile, fatigue, and creep properties of forged aluminum alloys at temperatures up to 800 F	Jackson, L R; Cross, H C; Berry, J M	1-Mar-48	19930082108	NACA-TN-1469
Flight investigation of the effect of transient wing response on wing strains of a four-engine bomber airplane in rough air	Murrow, Harold N; Payne, Chester B	1-Jun-53	19930083949	NACA-TN-2951
Experimental investigation at supersonic speeds of twin-scoop duct inlets of equal area III : inlet enclosing 37.2 percent of the maximum circumference of the forebody	Davis, Wallace F; Edwards, Sherman S	22-Jul-48	19930085456	NACA-RM-A8E04
Direct-reading design charts for 24S-T aluminum-alloy flat compression panels having longitudinal formed Z-section stiffeners	Dow, Norris F; Keevil, Albert S , Jr	1-Jan-49	19930082450	NACA-TN-1778
Low-speed wind-tunnel investigation of various plain-spoiler configurations for lateral control on a 42 degree sweptback wing	Schneider, Leslie E; Watson, James M	1-Jun-48	19930082263	NACA-TN-1646
Pressure measurements at transonic and low supersonic speeds on a thin conical cambered low-aspect-ratio delta wing in combination with basic and indented bodies	Mugler, John P JR	25-Sep-57	19930089808	NACA-RM-L57G19
Preliminary results of an investigation of the effects of spinner shape on the characteristics of an NACA D-type cowl behind a three-blade propeller, including the characteristics of the propeller at negative thrust	Reynolds, Robert M	12-Nov-53	19930088276	NACA-RM-A53J02
Wind-tunnel investigation at low speed of a wing having 63 degree sweepback and a drooped tip	Blackaby, James R	7-Apr-55	19930088795	NACA-RM-A55B14
An analog computer study of several stability augmentation schemes designed to alleviate roll-induced instability	Creer, Brent Y	19-Feb-57	19930089479	NACA-RM-A56H30
Investigation of two-stage air-cooled turbine suitable for flight at Mach number of 2.5 II : blade design	Miser, James W; Stewart, Warner L	22-Jan-57	19930093766	NACA-RM-E56K06
Altitude performance of compressor, turbine, and combustor components of 600-B9 turbojet engine	Prince, William R; Wile, Dorwin B	15-Mar-54	19930087924	NACA-RM-E53I18
Bearing strength of some aluminum-alloy sand castings	Moore, R L	1-Aug-48	19930082207	NACA-TN-1523
Supplementary free-spinning-tunnel investigation of a 1/20-scale model of the McDonnell F2H-3 airplane with external stores installed : TED No. NACA DE 2393	Wilson, Jack H	9-Jun-52	19930087770	NACA-RM-SL52F02

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A transonic wind-tunnel investigation of store and horizontal-tail loads and some effects of fuselage-afterbody modifications on a swept-wing fighter airplane	Hallissy, Joseph M , Jr; Kudlacik, Louis	10-Apr-56	19930089195	NACA-RM-L56A26
Investigation at Mach numbers 2.98 and 2.18 of axially symmetric free-jet diffusion with a ram-jet engine	Hunczak, Henry R	13-Feb-52	19930087850	NACA-RM-E51L24
Review of status, methods and potentials of gas-turbine air-cooling	Esgar, Jack B; Ziemer, Robert R	23-Feb-55	19930088474	NACA-RM-E54I23
Component performance investigation of J71 experimental turbine VI : effect of first-stator adjustment; over-all performance of J71-97 turbine with 70-percent-design stator area	Schum, Harold J; Petrash, Donald A; Davison, Elmer H	2-Oct-56	19930089169	NACA-RM-E56B24
Comparison of NACA 65-series compressor-blade pressure distributions and performance in a rotor and in cascade	Westphal, Willard R; Godwin, William R	1-Mar-57	19930084578	NACA-TN-3806
Preliminary investigation of a submerged air scoop utilizing boundary-layer suction to obtain increased pressure recovery	Nichols, Mark R; Pierpont, P Kenneth	17-Mar-50	19930086143	NACA-RM-L50A13
The effect of a change in body shape on the loading of a 45 degree sweptback wing-body combination at transonic speeds	Loving, Donald L	2-Apr-54	19930088122	NACA-RM-L54B09
Wind-tunnel investigation at high subsonic speeds of the effects on static stability characteristics of various modifications to a swept-wing fighter-type airplane model	Goodson, Kenneth W	30-Apr-57	19930089521	NACA-RM-L57A31
Results of measurements made during the approach and landing of seven high-speed research airplanes	Stillwell, Wendell H	4-Feb-55	19930088524	NACA-RM-H54K24
Performance of 24-inch supersonic axial-flow compressor in air II : performance of compressor rotor at equivalent tip speeds from 800 to 1765 feet per second	Johnsen, Irving A; Wright, Linwood C; Hartmann, Melvin J	21-Jan-49	19930085401	NACA-RM-E8G01
Tests of Two-Blade Propellers in the Langley 8-Foot High-Speed Tunnel to Determine the Effect on Propeller Performance of a Modification of Inboard Pitch Distribution	Delano, James B; Carmel, Melvin M	1-Feb-51	19930082932	NACA-TN-2268
Flight tests at supersonic speeds to determine the effect of taper on the zero-lift drag of sweptback low-aspect-ratio wings	Pittel, Murray	5-Sep-50	19930086306	NACA-RM-L50F30a
Experimental investigation of heat-transfer and fluid-friction characteristics of white fuming nitric acid	Reese, Bruce A; Graham, Robert W	1-May-54	19930083946	NACA-TN-3181
Tests of the NACA 64(sub 1)-012 and 64(sub 1)A012 airfoils at high subsonic Mach numbers	Lindsey, W F; Humphreys, Milton D	9-Jul-48	19930085453	NACA-RM-L8D23
Hydrodynamic impact loads in smooth water for a prismatic float having an angle of dead rise of 40 degrees	Edge, Philip M	1-Jan-49	19930082447	NACA-TN-1775
Low-speed static stability and control characteristics of a 1/4-scale model of the Bell X-1 airplane equipped with a 4-percent-thick, aspect-ratio-4, unswept wing	Moseley, William C , Jr; Taylor, Robert T	2-Nov-53	19930087921	NACA-RM-L53H27

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Transonic flight tests to determine the effect of thickness ratio and plan-form modification on the zero-lift drag of a 45 degree sweptback wing	Pepper, William B , Jr; Hoffman, Sherwood	12-Aug-52	19930087767	NACA-RM-L52F02a
A comparison of typical national gas turbine establishment and NACA axial-flow compressor blade sections in cascade at low speed	Felix, A Richard; Emery, James C	1-May-53	19930087847	NACA-RM-L53B26a
A study by means of a dynamic-model investigation of the use of canard surfaces as an aid in recovering from spins and as a means for preventing directional divergence near the stall	Klinar, Walter J	23-May-56	19930089166	NACA-RM-L56B23
An analysis of pressure studies and experimental and theoretical downwash and sidewash behind five pointed-tip wings at supersonic speeds	Boatright, William B	21-Apr-54	19930088119	NACA-RM-L54B10
Investigation of spoilers at a Mach number of 1.93 to determine the effects of height and chordwise location on the section aerodynamic characteristics of a two-dimensional wing	Mueller, James N	25-Mar-53	19930087764	NACA-RM-L52L31
Measured data pertaining to buffeting at supersonic speeds of the Douglas D-558-II research airplane	Baker, Thomas F	18-Feb-54	19930088116	NACA-RM-L53L10
The effects of nacelles and of extended split flaps on the longitudinal characteristics of a wing-fuselage-tail combination having a wing with 40 degrees of sweepback and an aspect ratio of 10	Tinling, Bruce E; Lopez, Armando E	5-Jun-53	19930087761	NACA-RM-A53D06
Aerodynamic characteristics of several jet-spoiler controls on a 45 degree sweptback wing at Mach numbers of 1.61 and 2.01	Lord, Douglas R	24-Jun-58	19930090100	NACA-RM-L58D18
Telemeter transmission at 219.5 megacycles from two rocket-powered models at Mach numbers up to 15.7	Graves, George B , Jr; Markley, J Thomas	28-Jul-58	19930090103	NACA-RM-L58D18a
Charts for critical combinations of longitudinal and transverse direct stress for flat rectangular plates	Stein, Manuel	1-Mar-46	19930093360	NACA-WR-L-224, NACA-ARR-L6A05
Two-dimensional shear flow in a 90 degrees elbow	Kramer, James J; Stanitz, John D	1-Jun-52	19930083456	NACA-TN-2736
Study of exit phase of flight of a very high altitude hypersonic airplane by means of a pilot-controlled analog computer	Sherman, Windsor L; Faber, Stanley; Whitten, James B	4-Mar-58	19930089974	NACA-RM-L57K21
Heat-transfer measurements on a concave hemispherical nose shape with unsteady-flow effects at Mach numbers of 1.98 and 4.95	Cooper, Morton; Beckwith, Ivan E; Jones, Jim J; Gallagher, James J	17-Jul-58	19930090106	NACA-RM-L58D25a
Tables of thermodynamic functions for analysis of aircraft-propulsion systems	Huff, Vearl N; Gordon, Sanford	1-Aug-50	19930083112	NACA-TN-2161
Effect of heat and power extraction on turbojet-engine performance II : effect of compressor-outlet air bleed for specific modes of engine operation	Rom, Frank E; Koutz, Stanley L	1-Aug-50	19930082779	NACA-TN-2166
Effect of wing flexibility on the damping roll of a notched delta-wing body combination between Mach numbers 0.6 and approximately 2.2 as determined with rocket-propelled models	Bland, William M , Jr	18-Jun-54	19930088306	NACA-RM-L54E04
Studies of OH, CO, CH, and C(sub 2) radiation from laminar and turbulent propane-air and ethylene-air flames	Clark, Thomas P	1-Jun-58	19930085300	NACA-TN-4266

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Preliminary investigation of a chemical starting technique for the acid - gasoline rocket propellant system	Hennings, Glen; Morrell, Gerald	1-Jan-52	19930087392	NACA-RM-E52K21
Subsonic static longitudinal stability and control characteristics of a wing-body combination having a pointed wing of aspect ratio 2 with constant-percent-chord trailing-edge elevons	Smith, Donald W; Reed, Verlin D	22-May-53	19930090458	NACA-RM-A53C20
Effects of double-slotted flaps and leading-edge modifications on the low-speed characteristics of a large-scale 45 degrees swept-back wing with and without camber and twist	James, Harry A; Dew, Joseph K	23-Jul-51	19930086799	NACA-RM-A51D18
A theoretical estimate of the effects of compressibility on the performance of a helicopter rotor in various flight conditions	Gessow, Alfred; Crim, Almer D	1-Oct-56	19930084535	NACA-TN-3798
A theoretical investigation of the effect of partial wing lift of hydrodynamic landing characteristics of V-bottom seaplanes in step impacts	Sims, Joseph L; Schnitzer, Emmanuel	1-Nov-52	19930083583	NACA-TN-2815
Control hinge-moment and effectiveness characteristics of several interchangeable tip controls on a 60 degree delta wing at Mach numbers of 1.41, 1.62, and 1.96	Morris, Odell A	25-Nov-53	19930087983	NACA-RM-L53J08a
Correlation between hydrogen pressure and protective action of additives in the molten sodium hydroxide - nickel system	May, Charles E	9-Feb-56	19930089047	NACA-RM-E55L01
The sine-cosine method for reducing the interference pressure drag of sweptback wings	Faget, Maxime A	2-Jul-57	19930089871	NACA-RM-L57D24
Low-speed pitching derivatives of low-aspect-ratio wings of triangular and modified triangular plan forms	Goodman, Alex; Jaquet, Byron M	17-Apr-50	19930093822	NACA-RM-L50C02
Investigation of the effects of body indentation and of wing-plan-form modification on the longitudinal characteristics of a 60 degree swept-wing-body combination at Mach numbers of 1.41, 1.61, and 2.10	Sevier, John R , Jr	25-Jul-55	19930088744	NACA-RM-L55E17
Bonding investigation of titanium carbide with various elements	Engel, Walter J	1-Sep-50	19930082836	NACA-TN-2187
First landing of Bell X-2 research airplane	Day, Richard E; Stillwell, Wendell, H	1-Oct-52	19930087318	NACA-RM-L52I11
Statistical study of transition-point fluctuations in supersonic flow	Evvard, J C; Tucker, M; Burgess, W C , Jr	1-Mar-54	19930083811	NACA-TN-3100
Preliminary experimental investigation of low-speed turbulent boundary layers in adverse pressure gradients	Sandborn, Virgil A	1-Oct-53	19930083858	NACA-TN-3031
An integral solution to the flat-plate laminar boundary-layer flow existing inside and after expansion waves and after shock waves moving into quiescent fluid with particular application to the complete shock-tube flow	Trimpi, Robert L; Cohen, Nathaniel B	1-Jun-57	19930084638	NACA-TN-3944
The effects of camber on the variation with mach number of the aerodynamic characteristics of a 10-percent-thick modified NACA four-digit- series airfoil section	Hemenover, Albert D	1-Sep-53	19930083752	NACA-TN-2998

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Lift, pitching moment, and span load characteristics of wings at low speed as affected by variations of sweep and aspect ratio	Hopkins, Edward J	1-Jan-51	19930082940	NACA-TN-2284
Experimental investigation of the stress distribution around reinforced circular cut-outs in skin stringer panels under axial loads	Farb, Daniel	1-Mar-47	19930081847	NACA-TN-1241
Summary of acceleration and airspeed data from commercial transport airplanes during the period from 1933 to 1945	Walker, Walter G; Steiner, Roy	1-Feb-52	19930083459	NACA-TN-2625
Aerodynamic investigation of a parabolic body of revolution at Mach number of 1.92 and some effects of an annular jet exhausting from the base	Love, Eugene S	8-Feb-50	19930086034	NACA-RM-L9K09
The similarity rules for second-order subsonic and supersonic flow	Van Dyke, Milton D	1-Jan-57	19930084683	NACA-TN-3875
Flight measurements of the lateral control characteristics of narrow-chord ailerons on the trailing edge of a full-span slotted flap	Sawyers, Richard H	1-Feb-47	19930082462	NACA-TN-1188
Estimation of range of stability derivatives for current and future pilotless aircraft	Pitkin, Marvin; Ankenbruck, Herman O	8-Oct-47	19930086047	NACA-RM-L7E29
Tests to determine effects of slipstream rotation on the lateral stability characteristics of a single-engine low-wing aircraft model	Purser, Paul E; Spear, Margaret F	1-Sep-46	19930081810	NACA-TN-1146
Aerodynamics of oscillating control surfaces at transonic speeds	Thompson, Robert F; Clevenson, Sherman A	17-Jun-57	19930089823	NACA-RM-L57D22b
A theoretical investigation of a compensating network with application to roll control systems for automatic interceptors	Sherman, Windsor L	21-Jul-55	19930088758	NACA-RM-L55E20
Flight investigation of the variation of static-pressure error of a static-pressure tube with distance ahead of a wing and a fuselage	Gracey, William; Scheithauer, Elwood F	1-Mar-51	19930082989	NACA-TN-2311
Theoretical investigation of laminar heat transfer on yawed infinite cylinders in supersonic flow and a comparison with experimental data	Beckwith, Ivan E	9-Aug-55	19930088785	NACA-RM-L55F09
Experimental and calculated histories of vaporizing fuel drops	Priem, R J; Borman, G L; El Wakil, M M; Uyehara, O A; Myers, P S	1-Aug-57	19930084723	NACA-TN-3988
Experimental and theoretical studies of area suction for the control of the laminar boundary layer on a porous bronze NACA 64A010 airfoil	Burrows, Dale L; Braslow, Albert L; Tetervin, Neal	1-Jul-49	19930082892	NACA-TN-1905
Wind-tunnel investigation at low speeds to determine flow-field characteristics and ground influence on a model with jet-augmented flaps	Vogler, Raymond D; Turner, Thomas R	1-Sep-57	19930084905	NACA-TN-4116
Investigation of the effects of geometric changes in an underwing pylon suspended external store installation on the aerodynamic characteristics of a 45 degree sweptback wing at high subsonic speeds	Spreemann, Kenneth P; Alford, William J , Jr	5-Mar-51	19930086477	NACA-RM-L50L12
Free-jet tests of a 1.1-inch-diameter supersonic ram-jet engine	Judd, Joseph H; Trout, Otto F , Jr	5-Mar-52	19930086924	NACA-RM-L51L18
Experimental investigation of an overriding control to effect recovery from surge and stall in a turbojet engine	Stiglic, Paul M; Heppler, Herbert	29-Oct-56	19930089591	NACA-RM-E56H08
Effects of airfoil profile on the two-dimensional flutter derivatives for wings oscillating in pitch at high subsonic speeds	Wyss, John A; Monfort, James C	24-Mar-54	19930088353	NACA-RM-A54C24

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Performance of a cascade in an annular vortex-generating tunnel over range of Reynolds numbers	Thurston, Sidney; Brunk, Ralph E	28-Sep-51	19930086682	NACA-RM-E51G30
Use of characteristic surfaces for unsymmetrical supersonic flow problems	Moeckel, W E	1-Mar-49	19930082521	NACA-TN-1849
Low-speed investigation of deflectable wing-tip elevators on a low-aspect-ratio untapered 45 degree sweptback semispan wing with and without an end plate	Fischel, Jack; O'Hare, William M	1-Jun-50	19930086295	NACA-RM-L50D19
Laws of flow in rough pipes	Nikuradse, J	1-Nov-50	19930093938	NACA-TM-1292
Free-flight roll performance of a steady-flow jet-spoiler control on an 80 degree delta-wing missile between Mach numbers of 0.6 and 1.8	Schult, Eugene D	24-Jan-58	19930089977	NACA-RM-L57J28
Low-speed longitudinal characteristics of an unswept hexagonal wing with and without a fuselage and a horizontal tail located at various positions at Reynolds numbers from 2.8×10^6 to 7.6×10^6	Foster, Gerald V; Mollenberg, Ernst F; Woods, Robert L	26-Feb-53	19930087417	NACA-RM-L52L11b
Effect of free methyl radicals on slow oxidation of propane and ethane	Mcdonald, Glen E; Schalla, Rose L	28-Aug-52	19930087195	NACA-RM-E52G17
Synthesis of cyclopropane hydrocarbons from methylcyclopropyl ketone II : 2-cyclopropyl-1-pentene, cis and trans 2-cyclopropyl-2-pentene and 2-cyclopropylpentane	Slabey, Vernon A; Wise, Paul H	1-Jan-51	19930082924	NACA-TN-2259
Tabulated pressure data for several flap-type trailing edge controls on a trapezoidal wing at Mach numbers of 1.61 and 2.01	Lord, Douglas R; Czarnecki, K R	27-Feb-56	19930089039	NACA-RM-L55J04
Experimental lift of low-aspect-ratio triangular wings at large angles of attack and supersonic speeds	Hill, William A , Jr	20-Nov-57	19930089947	NACA-RM-A57I17
Wind-tunnel investigation of the effect of tab balance on tab and control-surface characteristics	Brewer, Jack D; Queijo, M J	1-Aug-47	19930080787	NACA-TN-1403
A transonic investigation of the effects of semisubmerged-store cavities and of slots on the zero-lift drag of a body of revolution	Holdaway, George H; Wallace, Minor R , Jr; Hatfield, Elaine W	28-Oct-57	19930089904	NACA-RM-A57H19a
An investigation of aircraft heaters XXXV : thermocouple conduction error observed in measuring surface temperatures	Boelter, L M K; Lockhart, R W	1-Jul-51	19930088970	NACA-TN-2427
Continuation of wing flutter investigation in the transonic range and presentation of a limited summary of flutter data	Lauten, William T; Barmby, J G	21-Apr-49	19930085864	NACA-RM-L9B25b
Influence of crystal plane and surrounding atmosphere on some types of friction and wear between metals	Gwathmey, Allan T; Leidheiser, Henry; Smith, G Pedro	1-Jun-48	19930082097	NACA-TN-1461
Free-jet performance of 16-inch ram-jet engine with several fuels	Wilcox, Fred A	31-Oct-50	19930086426	NACA-RM-E50I06
Effects of Reynolds number on the aerodynamic characteristics of a delta wing at Mach number of 2.41	Hatch, John E , Jr; Hargrave, L Keith	22-Oct-51	19930086789	NACA-RM-L51H06
Investigation of deflectors as gust alleviators on a 0.09-scale model of the Bell X-5 airplane with various wing sweep angles from 20 degrees to 60 degrees at Mach numbers from 0.40 to 0.90	Croom, Delwin R; Huffman, Jarrett K	1-Nov-57	19930085060	NACA-TN-4175

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Combustion properties of aluminum as ram-jet fuel	Branstetter, J Robert; Lord, Albert M; Gerstein, Melvin	28-Mar-51	19930086729	NACA-RM-E51B02
Control of foaming by adding known mixtures of pure chemicals	Mcbain, J W; Ross, Sydney; Brady, A P; Dean, R B	1-Apr-49	19930082502	NACA-TN-1842
Investigation of an impulse axial-flow compressor rotor over a range of blade angles	Schulze, Wallace M; Erwin, John R; Westphal, Willard R	29-Aug-50	19930086276	NACA-RM-L50F27a
The rolling effectiveness of wing-tip ailerons as determined by rocket-powered test vehicles and linear supersonic theory	Sandahl, Carl A; Strass, H Kurt; Piland, Robert O	29-Aug-50	19930086227	NACA-RM-L50F21
Analysis of pressure data obtained at transonic speeds on a thin low-aspect-ratio cambered delta wing-body combination	Mugler, John P , Jr	26-Sep-58	19930090189	NACA-RM-L58F24
Variation of hydrodynamic impact loads with flight-path angle for a prismatic float at 6 degrees and 9 degrees trim and a 22-1/2 degree angle of dead rise	Stewart, Thelma	1-Feb-46	19930093046	NACA-WR-L-69, NACA-RB-L5K21
Investigation of vortex movements about a wing in steady subsonic flow undergoing a large angle-of-attack change in a blast-induced gust	Mcfarland, Donald R; Huber, Paul W	22-Jan-58	19930090013	NACA-RM-L57K04
Aerodynamic characteristics of several NACA airfoil sections at seven Reynolds numbers from 0.7 x 10(exp 6) to 9.0 x 10(exp 6)	Loftin, Laurence K , Jr; Poteat, M Irene	27-May-48	19930085538	NACA-RM-L8B02
Vortex interference on slender airplanes	Sacks, Alvin H	1-Nov-55	19930084220	NACA-TN-3525
Calibration of AWS instrument shelter in Langley 300 MPH 7- by 10-foot tunnel	Mckee, John W	12-May-52	19930087135	NACA-RM-SL52E16
Investigation of liquid fluorine and hydrazine-ammonia mixture in 100-pound-thrust rocket engine	Ordin, Paul M; Rothenberg, Edward A; Rowe, William H	29-Oct-52	19930087261	NACA-RM-E52H22
Effect of partial wing lift in seaplane landing impact	Benscoter, Stanley U	1-Apr-48	19930082369	NACA-TN-1563
Performance of five short multielement turbojet combustors for hydrogen fuel in quarter-annulus duct	Jones, Robert E; Rayle, Warren D	22-Jul-58	19930090109	NACA-RM-E58D15
Investigation of the vibrations of a hollow thin-walled rectangular beam	Kordes, Eldon E; Kruszewski, Edwin T	1-Oct-55	19930084201	NACA-TN-3463
Operating characteristics of an acceleration restrictor as determined by means of a simulator	Assadourian, Arthur	1-Dec-54	19930084081	NACA-TN-3319
Transonic flutter investigation of models of the all-movable horizontal tail of a fighter airplane	Sellers, Thomas B	24-Jan-58	19930089936	NACA-RM-L57K13
Investigation of axially symmetric and two-dimensional multinozzles for producing supersonic streams	Reshotko, Eli; Haefeli, Rudolph C	29-Oct-52	19930087280	NACA-RM-E52H28
Mechanisms of failure of high nickel-alloy turbojet combustion liners	Weeton, John W	1-Oct-49	19930082613	NACA-TN-1938
Spin-tunnel investigation of a model of a 60 degree delta-wing airplane to determine the spin, recovery, and longitudinal trim characteristics throughout an extensive range of mass loadings	Klinar, Walter J; Jones, Ira P , Jr	15-Feb-50	19930086108	NACA-RM-L9L06
Experimental investigation of external water-spray cooling in a turbojet engine utilizing several injection configurations including orifices in the rotor-blade bases	Mckinnon, Roy A; Freche, John C	15-Mar-55	19930089390	NACA-RM-E54K29a

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A theoretical investigation of the heating-up period of injected fuel droplets vaporizing in air	El Wakil, M M; Uyehara, O A; Myers, P S	1-May-54	19930083914	NACA-TN-3179
An approximate method for calculating the effect of surface roughness on the drag of an airplane	Hall, Charles F; Fitzgerald, Fred F	23-Jul-47	19930085707	NACA-RM-A7B24
A Study of the Correlation Between Flight and Wind-Tunnel Buffeting Loads	Huston, Wilber B; Rainey, A Gerald; Baker, Thomas F	19-Jul-55	19930088735	NACA-RM-L55E16b
Effects of combining auxiliary bleed with ejector pumping on the power requirements and test-section flow of an 8-inch by 8-inch slotted tunnel	Little, B H , Jr; Cubbage, James M , Jr	19-Jul-55	19930088721	NACA-RM-L55E25
Effect of several design variables on internal performance of convergent-plug exhaust nozzles	Krull, H George; Beale, William T; Schmiedlin, Ralph F	29-Oct-56	19930089605	NACA-RM-E56G20
Investigation of a two-step nozzle in the Langley 11-inch hypersonic tunnel	McLellan, Charles Herbert; Williams, Thomas W; Bertram, Mitchel H	1-Sep-50	19930082782	NACA-TN-2171
Effect of fuel properties on carbon deposition in atomizing and prevaporizing turbojet combustors	Wear, Jerrold D; Cook, William P	6-Jun-52	19930087165	NACA-RM-E52C24
Heat transfer, diffusion, and evaporation	Nusselt, Wilhelm	1-Mar-54	19930093863	NACA-TM-1367
Investigations relating to the extension of laminar flow by means of boundary-layer suction through slots	Loftin, Laurence K , Jr; Burrows, Dale L	1-Oct-49	19930082640	NACA-TN-1961
Rocket-model investigation to determine the lift and pitching effectiveness of small pulse rockets exhausted from the fuselage over the surface of an adjacent wing at Mach numbers from 0.9 to 1.8	Martz, C William	30-Sep-58	19930090241	NACA-RM-L58G29
Aerodynamics of slender bodies at Mach number of 3.12 and Reynolds numbers from 2 x 10(exp 6) to 15 x 10(exp 6) III : boundary layer and force measurements on a slender cone-cylinder body of revolution	Jack, John R	6-Apr-53	19930087624	NACA-RM-E53B03
Investigation of 75-millimeter-bore cylindrical-roller bearings at high speeds III : lubrication and cooling studies - oil inlet distribution, oil inlet temperature, and generalized single-oil-jet cooling-correlation analysis	Macks, Fred E; Nemeth, Zolton N	1-Jul-51	19930083240	NACA-TN-2420
A transonic wind-tunnel investigation of the longitudinal force and moment characteristics of a plane and a cambered 3-percent-thick delta wing of aspect ratio 3 on a slender body	Burrows, Dale L; Palmer, William E	15-Nov-54	19930088309	NACA-RM-L54H25
Application of area suction to leading-edge and trailing-edge flaps on a 44 degree swept-wing model	Holzhauser, Curt A; Martin, Robert K; Page, V Robert	26-Sep-56	19930089427	NACA-RM-A56F01
Aeronautical study of a wing-fuselage combination employing a wing swept back 63 degrees : characteristics at supersonic speeds of a model with the wing twisted and cambered for uniform load	Hall, Charles F; Heitmeyer, John C	9-Jan-50	19930086127	NACA-RM-A9J24
Abnormal grain growth in nickel-base heat-resistant alloys	Decker, R F; Rush, A I; Dano, A G; Freeman, A G	1-Dec-57	19930085106	NACA-TN-4082
Reduction of oxidized Nichrome V powders and sintering of Nichrome V bodies	Clarkin, Philip; Sikora, Paul	1-Sep-57	19930085303	NACA-TN-4032

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Recent research on the creep of airframe components	Mathauser, Eldon E; Berkovits, Avraham; Stein, Bland A	1-Jul-57	19930084986	NACA-TN-4014
Full-scale-tunnel investigation of the static-thrust performance of a coaxial helicopter rotor	Harrington, Robert D	1-Mar-51	19930083001	NACA-TN-2318
Initial performance investigation of pentaborane fuel in free-flight ram-jet engine	Disher, John H; Rabb, Leonard	24-Jan-57	19930088287	NACA-RM-E54D28
Low-speed static longitudinal and lateral stability characteristics of a model with leading-edge chord-extensions incorporated on a 40 degree sweptback circular-arc wing of aspect ratio 4 and taper ratio 0.50	Goodson, Kenneth W; Few, Albert G , Jr	3-Nov-52	19930087395	NACA-RM-L52I18
Aerodynamic load distribution on a 45 degree sweptback wing with leading-edge chord-extensions at transonic speeds, including effects of a spoiler-slot-deflector aileron	Schmeer, James W; Whitcomb, Charles F; West, F E , Jr	20-Feb-58	19930089955	NACA-RM-L57L02
Flow studies in the asymmetric adjustable nozzle of the Ames 6-by 6-foot supersonic wind tunnel	Frick, Charles W; Olson, Robert N	15-Sep-49	19930086015	NACA-RM-A9E24
Temperature response of turbine-blade metal covered with oxide coatings supplied by fuel additives	Mccafferty, Richard J; Butze, Helmut F	20-Aug-52	19930087299	NACA-RM-E52G07
Wind-tunnel tests of a model of a wingless fin-controlled missile to obtain static stability and control characteristics through a range of Mach numbers from 0.5 to 0.88	Burrows, Dale L; Newman, Ernest E	12-Apr-54	19930093747	NACA-RM-L53J06
Analysis of stage matching and off-design performance of multistage axial-flow compressors	Finger, Harold B; Dugan, James F , Jr	27-Jun-52	19930087307	NACA-RM-E52D07
Experimental investigation of flow through three highly loaded inlet guide vanes having different spanwise circulation gradients	Beatty, Loren A; Savage, Melvyn; Emery, James C	28-Jul-52	19930086988	NACA-RM-L52D25a
On the representation of the stability region in oscillation problems with the aid of the Hurwitz determinants	Sponder, E W	1-Aug-52	19930093882	NACA-TM-1348
Visualization of secondary-flow phenomena in blade row	Herzig, H Z; Hansen, A G; Costello, G R	26-Aug-52	19930087184	NACA-RM-E52F19
Aerodynamic characteristics of four wings of sweepback angles 0 degree, 35 degrees, 45 degrees, and 60 degrees, NACA 65A006 airfoil section, aspect ratio 4, and taper ratio 0.6 in combination with a fuselage at high subsonic Mach numbers and Mach num	Luoma, Arvo A	6-Jun-51	19930086619	NACA-RM-L51D13
Compressible laminar flow and heat transfer about a rotating isothermal disk	Ostrach, Simon; Thornton, Philip R	1-Aug-58	19930085116	NACA-TN-4320
A wind-tunnel investigation at low speeds of the aerodynamic characteristics of various spoiler configurations on a thin 60 degrees delta wing	Wiley, Harleth G; Solomon, Martin	19-Nov-52	19930087442	NACA-RM-L52J13
Tests in the Ames 40- by 80-foot wind tunnel of an airplane configuration with an aspect ratio 3 triangular wing and an all-movable horizontal tail : longitudinal and lateral characteristics	Koenig, David G	13-Apr-53	19930087427	NACA-RM-A52L15

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Sound propagation into the shadow zone in a temperature-stratified atmosphere above a plane boundary	Pridmore-Brown, David C; Ingard, Uno	1-Oct-55	19930084354	NACA-TN-3494
Boundary-layer-control tests of two wings in the Langley Propeller-Research Tunnel	Freeman, Hugh B	1-Jan-46	19930081771	NACA-TN-1007
Chemical Action of Halogenated Agents in Fire Extinguishing	Belles, Frank E.	1-Sep-55	19930084300	NACA-TN-3565
Yaw characteristics and sidewash angles of a 42 degree sweptback circular-arc wing with a fuselage and with leading-edge and split flaps at a Reynolds number of 5,300,000	Salmi, Reino J; Fitzpatrick, James E	10-Dec-47	19930085807	NACA-RM-L7I30
Some exact solutions of two-dimensional flows of compressible fluid with hodograph method	Chang, Chien-Chien; O'Brien, Vivian	1-Feb-53	19930083784	NACA-TN-2885
A rapid approximate method for determining velocity distribution on impeller blades of centrifugal compressors	Stanitz, John D; Prian, Vasily D	1-Jul-51	19930083016	NACA-TN-2421
Ingestion of foreign objects into turbine engines by vortices	Rodert, Lewis A; Garrett, Floyd B	1-Feb-55	19930084118	NACA-TN-3330
Theoretical and measured attenuation of mufflers at room temperature without flow, with comments on engine-exhaust muffler design	Davis, Don D , Jr; Stevens, George L , Jr; Moore, Dewey; Stokes, George M	1-Feb-53	19930083819	NACA-TN-2893
Design procedure for transpiration-cooled strut-supported turbine rotor blades	Prasse, Ernst I; Livingood, John N B	19-Dec-55	19930088928	NACA-RM-E55J21
Effect of fuels and fuel-nozzle characteristics on performance of an annular combustor at simulated altitude conditions	Mccafferty, Richard J	28-Sep-48	19930085397	NACA-RM-E8C02a
Measurements of section characteristics of a 45 degree swept wing spanning a rectangular low-speed wind tunnel as affected by the tunnel walls	Dannenberg, Robert E	1-Aug-50	19930082775	NACA-TN-2160
Theoretical and experimental analysis of the reduction of rotor blade vibration in turbomachinery through the use of modified stator vane spacing	Kemp, Richard H; Hirschberg, Marvin H; Morgan, William C	1-Sep-58	19930085296	NACA-TN-4373
Landing conditions for large airplanes in routine operations	Silsby, Norman S; Harrin, Eziaslav N	6-Jul-55	19930088754	NACA-RM-L55E18c
On the theory of combustion of initially unmixed gases	Zeldovich, Y B	1-Jun-51	19930093934	NACA-TM-1296
Tests of aerodynamically heated multiweb wing structures in a free jet at Mach number 2 : three aluminum-alloy models and one steel model of 20-inch chord and span with various internal structures and skin thicknesses	Rosecrans, Richard; Vosteen, Louis F; Batdorf, William J , Jr	28-Oct-57	19930090185	NACA-RM-L57H01
The column strength of aluminum alloy 75S-T extruded shapes	Holt, Marshall; Leary, J R	1-Jan-46	19930080795	NACA-TN-1004
On spectral analysis of runway roughness and loads developed during taxiing	Houbolt, John C; Walls, James H; Smiley, Robert F	1-Jul-55	19930084296	NACA-TN-3484
Experimental investigation of the jet-boundary constriction correction for a model spanning a closed circular tunnel	Tucker, M; Rousso, M D	26-Nov-46	19930085722	NACA-RM-E6K26a
Low-speed investigation of a 0.16 scale model of the X-3 airplane : lateral and directional characteristics	Delaney, Noel K; Hayter, Nora-Lee F	16-Mar-51	19930086654	NACA-RM-A51A16
An NACA vane-type angle-of-attack indicator for use at subsonic and supersonic speeds	Mitchell, Jesse L; Peck, Robert F	1-May-55	19930084339	NACA-TN-3441

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Effect of phosphate coatings on temperature of metal parts exposed to flame environments	Fryburg, George, C; Katz, Norman H; Simon, Sidney L	1-Jul-56	19930083933	NACA-TN-3279
Flight investigation of the jettisonable-nose method of pilot escape using rocket-propelled models	Lundstrom, Reginald R; O'Kelly, Burke R	2-Jun-49	19930085879	NACA-RM-L9D11
An investigation of the low-speed longitudinal stability characteristics of a swept-wing airplane model with two modifications to the wing-root plan form	Kemp, William B , Jr	11-Jul-52	19930087056	NACA-RM-L52E07
High-speed aerodynamic characteristics of horn and overhang balances on a full-scale elevator	Cleary, Joseph W; Krumm, Walter J	27-Feb-48	19930085726	NACA-RM-A7H29
Effect of fuselage length and a canopy on the static longitudinal and lateral stability characteristics of 45 degrees sweptback airplane models having fuselages with square cross sections	Jaquet, Byron M; Fletcher, H S	1-Apr-57	19930084702	NACA-TN-3961
An evaluation of proposed reference fuel scales for knock rating	Barnett, Henry C; Clarke, Thomas C	1-Jul-48	19930082481	NACA-TN-1619
Unstable convection in vertical channels with heating from below, including effects of heat sources and frictional heating	Ostrach, Simon	1-Jul-55	19930084180	NACA-TN-3458
Performance characteristics of two 6 degree and two 12 degree diffusers at high flow rates	Nelson, William J; Popp, Eileen G	19-Oct-49	19930086087	NACA-RM-L9H09
Heat-capacity measurements of titanium and of a hydride of titanium for temperatures from 4 to 15 K including a detailed description of a special adiabatic specific-heat calorimeter	Aven, M H; Craig, R S; Wallace, W E	1-Oct-56	19930084538	NACA-TN-3787
The effects of circular end plates on the lift, drag, and pitching moment at subsonic and supersonic speeds on a modified triangular wing having an aspect ratio of 2, a taper ratio of 0.33, and a 45 degree swept leading edge	Peterson, Robert B	9-Mar-54	19930088266	NACA-RM-A53J14
A flight investigation of the effect of leading-edge camber on the aerodynamic characteristics of a swept-wing airplane	Anderson, Seth B; Van Dyke, Rudolph D , Jr; Matteson, Frederick H	18-Feb-53	19930087406	NACA-RM-A52L16a
The calculation of pressure on slender airplanes in subsonic and supersonic flow	Heaslet, Max A; Lomax, Harvard	1-Mar-53	19930083586	NACA-TN-2900
Heat-transfer to bodies in a high-speed rarefied-gas stream	Stalder, Jackson R; Goodwin, Glen; Creager, Marcus O	1-Aug-51	19930083264	NACA-TN-2438
Numerical determination of indicial lift of a two-dimensional sinking airfoil at subsonic Mach numbers from oscillatory lift coefficients with calculations for Mach number 0.7	Mazelsky, Bernard	1-Dec-51	19930083273	NACA-TN-2562
Wind-tunnel investigation of the damping in roll of the Douglas D-558-II research airplane and its components at supersonic speeds	Mcdearmon, Russell W	7-Sep-56	19930089379	NACA-RM-L56F07
Applications of power spectral analysis methods to maneuver loads obtained on jet fighter airplanes during service operations	Mayer, John P; Hamer, Harold A	15-Jan-57	19930089489	NACA-RM-L56J15
A theoretical study of stagnation-point ablation.	Roberts, Leonard	1-Sep-58	19930085168	NACA-TN-4392
Blow-out velocities of several slurry and liquid fuels in a 1 7/8 inch-diameter combustor	Morris, James F; Caves, Robert M; Lord, Albert M	23-Feb-55	19930088804	NACA-RM-E54L27a

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An analysis of the airspeeds and normal accelerations of Martin M-130 airplanes in commercial transport operation	Walker, Walter G	1-Sep-48	19930082333	NACA-TN-1693
Dynamic longitudinal stability and control of tandem coupled bomber-fighter airplane models with rigid and pitch-free coupling	Granda, David C; Hewes, Donald E	22-Jan-51	19930086509	NACA-RM-L50L14
Force and pressure investigation at large scale of a 49 degree sweptback semispan wing having NACA 65A006 sections and equipped with various slat arrangements	Barnett, U Reed, Jr; Lipson, Stanley	29-Jan-52	19930087986	NACA-RM-L51K26
Performance of a high-solidity high-pressure-ratio transonic rotor	Neumann, Harvey E	8-Nov-55	19930088920	NACA-RM-E55I19
Inhibition of mass transfer in molten sodium hydroxide - nickel system by addition of chromite	May, Charles E	9-Feb-56	19930089050	NACA-RM-E55L02
Effective lubrication range for steel surfaces boundary lubricated at high sliding velocities by various classes of synthetic fluids	Johnson, Robert L; Swikert, Max A; Bisson, Edmond E	1-Dec-52	19930083607	NACA-TN-2846
Theoretical study of some methods for increasing the smoothness of flight through rough air	Phillips, William H; Kraft, Christopher C , Jr	1-Jul-51	19930090562	NACA-TN-2416
Recovery corrections for butt-welded, straight-wire thermocouples in high-velocity, high-temperature gas streams	Simmons, Frederick S	24-Sep-54	19930088404	NACA-RM-E54G22a
The effect of initial curvature on the strength of an inelastic column	Wilder, Thomas W , III; Brooks, William A , Jr; Mathauser, Eldon E	1-Jan-53	19930083731	NACA-TN-2872
A survey of unclassified axial-flow-compressor literature	Herzig, Howard Z; Hansen, Arthur G	8-Nov-55	19930089026	NACA-RM-E55H11
Investigation of turbulent flow in a two-dimensional channel	Laufer, John	1-Jul-50	19930082911	NACA-TN-2123
Preliminary evaluation of the air and fuel specific-impulse characteristics of several potential ram-jet fuels I : octene-1, aluminum, and aluminum - octene-1 slurries	Gammon, Benson E	30-Apr-51	19930086496	NACA-RM-E51C12
A simple approximate method for calculating spanwise lift distributions and aerodynamic influence coefficients	Diederich, Fanklin W	1-Aug-52	19930083506	NACA-TN-2751
Evaluation of hydrogen fuel in a full-scale afterburner	Groesbeck, Donald E; Prince, William R; Ciepluch, Carl C	24-Sep-57	19930089874	NACA-RM-E57H06
Wind-tunnel investigation of a tailless triangular-wing fighter aircraft at Mach numbers from 0.5 to 1.5	Lawrence, Leslie F; Summers, James L	24-Jun-49	19930085960	NACA-RM-A9B16
A summary report on the effects of Mach number on the span load distribution on wings of several models	Jessen, Henry, Jr	15-Jul-47	19930085576	NACA-RM-A7C28
Laminar boundary layer over flat plate in a flow having circular streamlines	Mager, Artur; Hansen, Arthur G	1-Mar-52	19930083308	NACA-TN-2658
Experimental determination of aerodynamic forces normal to the chord due to rotating stall acting on compressor blading	Johnson, Donald F; Costilow, Eleanor L	24-Aug-54	19930090524	NACA-RM-E54F14
Boundary-layer displacement effects in air at Mach numbers 6.8 and 9.6	Bertram, Mitchel H	1-Feb-58	19930084924	NACA-TN-4133

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Description and analysis of a rocket-vehicle experiment on flutter involving wing deformation and body motions	Cunningham, H J; Lundstrom, R R	30-Nov-50	19930086454	NACA-RM-L50I29
Some low-speed characteristics of an air-induction system having scoop-type inlets with provisions for boundary-layer control	Watson, Earl C	28-Aug-51	19930086706	NACA-RM-A51F15
An investigation of the downwash at the probable tail location behind a high-aspect-ratio wing in the Langley 8-foot high-speed tunnel	Whitcomb, Richard T	22-Apr-47	19930085684	NACA-RM-L7B12
Model flight investigation of a nonlifting winged tow target	Shanks, Robert E	9-Oct-50	19930086417	NACA-RM-L50H30
Stability and control characteristics of a 1/4-scale Bell X-5 airplane model in the landing configuration	Becht, Robert E	18-Dec-50	19930086394	NACA-RM-L50J27
A theoretical analysis of the effects of several auxiliary damping devices on the lateral stability and controllability of a high-speed aircraft	Gates, Ordway B , Jr	1-Dec-51	19930083285	NACA-TN-2565
An investigation of the aerodynamic characteristics of a series of cone-cylinder configurations at a Mach number of 6.86	Cooper, Ralph D; Robinson, Raymond A	17-Dec-51	19930087027	NACA-RM-L51J09
The mechanism of thermal-gradient mass transfer in the sodium hydroxide-nickel system	May, Charles E	1-Sep-57	19930084800	NACA-TN-4089
Reduction of hydrodynamic impact loads for waterborne aircraft	Schnitzer, Emanuel	6-Jul-55	19930088747	NACA-RM-L55E09b
Burning velocities of various premixed turbulent propane flames on open burners	Wagner, Paul	1-Oct-55	19930084368	NACA-TN-3575
Large Deflection of curved plates	Lew, H G; Fox, J A; Loo, T T	1-Oct-56	19930084416	NACA-TN-3684
The use of an uncalibrated cone for determination of flow angles and Mach numbers at supersonic speeds	Cooper, Morton; Webster, Robert A	1-Mar-51	19930082839	NACA-TN-2190
Tail-design requirements for satisfactory spin recovery for personal-owner-type light airplanes	Neihouse, A L	1-Jun-47	19930082166	NACA-TN-1329
Effects of molecular weight on crazing and tensile properties of polymethyl methacrylate	Wolock, I; Sherman, M A; Axilrod, B M	17-Feb-54	19930088081	NACA-RM-54A04
Some effects of external wing tip stores on the rolling effectiveness and drag of plain and half-delta tip ailerons on a 4-percent-thick, tapered, upswept wing	English, Roland D	5-Aug-54	19930088372	NACA-RM-L54F29a
A study of means for rationalizing airplane design loads	Mayer, John P; Hamer, Harold A	27-Jun-55	19930090328	NACA-RM-L55E13a
Interstage surveys and analysis of viscous action in latter stages of a multistage axial-flow compressor	Briggs, William B; Giamati, Charles C	5-Mar-53	19930087321	NACA-RM-E52I12
A method for determination of aromatics in 150 degree to 300 degree C fractions of crude petroleum by measurement of aniline-point rise	Busch, Arthur M; Cleaves, Alden P; Hibbard, Robert R	1-Jun-48	19930082258	NACA-TN-1641
Design and engine evaluation of a semistrut corrugated air-cooled turbine blade for operation at a tip speed of 1300 feet per second	Meyer, Andre' J , Jr; Kemp, Richard H; Morgan, William C	26-Jun-57	19930089899	NACA-RM-E57D29

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Experimental investigation of a five-stage axial-flow research compressor with transonic rotors in all stages III : interstage data and individual stage performance characteristics	Sandercock, Donald M; Kovach, Karl	10-Oct-56	19930089600	NACA-RM-E56G24
A rapid method for estimating the separation point of a compressible laminar boundary layer	Loftin, Laurence K , Jr; Wilson, Homer B , Jr	1-Feb-53	19930083814	NACA-TN-2892
Flame speeds of 2,2,4-trimethylpentane-oxygen-nitrogen mixtures	Dugger, Gordon L; Graab, Dorothy D	1-Apr-52	19930083861	NACA-TN-2680
Some effects of tail height and wing plan form on the static longitudinal stability characteristics of a small-scale model at high subsonic speeds	Few, Albert G , Jr; King, Thomas J , Jr	25-Aug-54	19930088399	NACA-RM-L54G12
Wind-flow study of pressure-drag reduction at transonic speed by projecting a jet of air from the nose of a prolate spheroid of fineness ratio 6	Lopatoff, Mitchell	26-Oct-51	19930086701	NACA-RM-L51E09
Flight investigation at Mach numbers from 0.8 to 1.5 to determine the effects of nose bluntness on the total drag of two fin-stabilized bodies of revolution	Hart, Roger G	16-Oct-50	19930086389	NACA-RM-L50I08a
Lift, drag, and pitching moment of low-aspect-ratio wings at subsonic and supersonic speeds : plane triangular wing of aspect ratio 4 with NACA 0005-63 section	Heitmeyer, John C; Stephenson, Jack D	2-Feb-51	19930086440	NACA-RM-A50K24
Electrical pressure integrator	Helfer, Arleigh P	1-Jan-52	19930083345	NACA-TN-2607
Force and pressure-distribution measurements on a rectangular wing with a slotted droop nose and with either plain and split flaps in combination or a slotted flap.	Lemme, H G	1-Mar-47	19930090914	NACA-TM-1108
Investigation of flap-type ailerons on an untapered wing having an aspect ratio of 3.7, 45 degree sweepback, and an NACA 65A009 airfoil section : transonic-bump method	Macleod, Richard G	23-Aug-50	19930086314	NACA-RM-L50G03
Compressibility factor, density, specific heat, enthalpy, entropy, free-energy function, viscosity, and thermal conductivity of steam	Fano, Lilla; Hubbell, John H; Beckett, Charles W	1-Aug-56	19930084106	NACA-TN-3273
Investigation of shock diffusers at Mach number 1.85 III : multiple-shock and curved-contour projecting cones	Moeckel, W E; Connors, J F	13-Aug-47	19930085672	NACA-RM-E7F13
Experimental investigation of cermet turbine blades in an axial-flow turbojet engine	Morgan, William C; Deutsch, George C	1-Oct-57	19930085270	NACA-TN-4030
Spontaneous flammability of pentaborane and pentaborane-3-methylpentane blends	Fletcher, Edward A	13-Feb-57	19930088038	NACA-RM-E53I17
The effects of flexibility on the longitudinal and lateral directional response of a large airplane	Cole, Henry A , Jr; Brown, Stuart C; Holleman, Euclid C	27-May-55	19930088653	NACA-RM-A55D14
Methods for obtaining desired helicopter stability characteristics and procedures for stability predictions	Gustafson, F B; Tapscott, Robert J	1-Feb-57	19930084641	NACA-TN-3945
Development of flow distortions in a full-scale nacelle inlet at Mach numbers 0.63 and 1.6 to 2.0	Piercy, Thomas G; Chiccine, Bruce G	22-Oct-56	19930089297	NACA-RM-E56G13a

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The effect of dynamic loading on the strength of an inelastic column	Brooks, William A , Jr; Wilder, Thomas W , III	1-Mar-54	19930083755	NACA-TN-3077
The application of matrix methods to coordinate transformations occurring in systems studies involving large motions of aircraft	Doolin, Brian F	1-May-57	19930084791	NACA-TN-3968
An analysis of a nuclear powered supercritical water cycle for aircraft propulsion	Karp, Irving M	1-Jan-53	19930087529	NACA-RM-E53D29
The effect of inlet installation on the zero-lift drag of a 60 degree delta-wing-body configuration from flight tests at Mach numbers from 0.8 to 1.86	Merlet, Charles F	15-Dec-55	19930088857	NACA-RM-L55I09
Experimental investigation of effects of primary jet flow and secondary flow through a zero-length ejector on base and boattail pressures of a body of revolution at free-stream Mach numbers of 1.62, 1.93, and 2.41	O'Donnell, Robert M; Mcdearmon, Russell W	6-Dec-54	19930093718	NACA-RM-L54I22
Effect of slip on flow near a stagnation point and in a boundary layer	Lin, T C; Schaaf, S A	1-Dec-51	19930083294	NACA-TN-2568
Wind-tunnel investigation at high subsonic speeds of the effect of spoiler profile on the lateral control characteristics of a wing-fuselage combination with quarter-chord line swept back 32.6 degrees and NACA 65A006 airfoil section	Johnson, Harold S	20-Nov-53	19930087481	NACA-RM-L53J05a
Investigation of the low-speed stability and control characteristics of a 1/7-scale model of the North American X-15 airplane	Boisseau, Peter C	25-Jun-57	19930089712	NACA-RM-L57D09
Effect of initial mixture-temperature on burning velocity of hydrogen-air mixtures with preheating and simulated preburning	Heimel, Sheldon	1-Oct-57	19930084961	NACA-TN-4156
An investigation of pure bending in the plastic range when loads are not parallel to a principal plane	Williams, Harry A	1-Feb-51	19930082943	NACA-TN-2287
An experimental investigation of the NACA 631-012 airfoil section with leading-edge and midchord suction slots	Mccullough, George B; Gault, Donald E	1-Feb-50	19930082697	NACA-TN-2041
Tabulated pressure data for a series of controls on a 60 degree delta wing at Mach numbers of 1.61 and 2.01	Lord, Douglas R; Czarnecki, K R	30-Mar-56	19930089058	NACA-RM-L55L05
Transonic loads characteristics of a 3-percent-thick 60 degree delta-wing-body combination	Swihart, John M; Foss, Willard E , Jr	28-May-57	19930089722	NACA-RM-L57D12
Investigation of drag and pressure recovery of a scoop inlet in the transonic speed range	Selna, James; Bright, Loren G; Schlaff, Bernard A	15-Dec-52	19930087214	NACA-RM-A52F27
Correlation of supersonic convective heat-transfer coefficients from measurements of the skin temperature of a parabolic body of revolution (NACA RM-10)	Chauvin, Leo T; Demoraes, Carlos A	7-Mar-51	19930086658	NACA-RM-L51A18
A wind-tunnel investigation of several wingless missile configurations at supersonic speeds	Reese, David E , Jr	3-Feb-58	19930089912	NACA-RM-A57J22
Effect of preignition on cylinder temperatures, pressures, power output, and piston failures	Corrington, Lester C; Fisher, William F	1-Jun-48	19930082309	NACA-TN-1637
Transonic wind-tunnel investigation of the effects of wing incidence angle on the characteristics of two wing-body combinations	Morgan, Francis G , Jr	5-Jan-53	19930087382	NACA-RM-L52K06a

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A temperature-schedule acceleration control for a turbojet engine and its use with a speed control	Gerus, Theodore F; Powers, Albert G; Heppler, Herbert J	3-Dec-57	19930089966	NACA-RM-E57I18a
Effect of variation in fuel pressure on combustion performance of rectangular ram jet	Messing, Wesley E; Black, Dugald O	24-Nov-48	19930085613	NACA-RM-E8I28
Pressure distributions about finite wedges in bounded and unbounded subsonic streams	Donoughe, Patrick L; Prasse, Ernst I	1-May-53	19930083678	NACA-TN-2942
Compressive strength and creep of 17-7 PH stainless-steel plates at elevated temperatures	Stein, Bland A	1-Jul-58	19930085155	NACA-TN-4296
Experimental investigation of modified cast-cored blades having hollow tip sections	Oldrieve, Robert E; Freche, John C	3-Jun-57	19930089660	NACA-RM-E57C15
Some considerations of hysteresis effects on tire motion and wheel shimmy	Smiley, Robert F	1-Jun-57	19930084861	NACA-TN-4001
An analysis of the effect of lift-drag ratio and stalling speed on landing-flare characteristics	Lovell, J Calvin; Lipson, Stanley	1-Sep-49	19930082607	NACA-TN-1930
Experimental investigation of the drag due to wedges along the trailing edge of a swept wing	Gambucci, Bruno J; Wyss, John A	27-Jun-58	19930090179	NACA-RM-A58D15
Effects of wing-tip turrets on the aerodynamic characteristics of a typical bomber-wing model	Boddy, Lee E; Sutton, Fred B	28-Mar-49	19930085946	NACA-RM-A9B09
Effect of variable-position inlet guide vanes and interstage bleed on compressor performance of a high-pressure-ratio turbojet engine	Huntley, S C; Braithwaite, Willis M	28-Dec-56	19930088889	NACA-RM-E56E23a
An Experimental Investigation of Wheel Spin-Up Drag Loads	Lindquist, Dean C; Milwitzky, Benjamin; Potter, Dexter M	8-Jun-53	19930087609	NACA-RM-L53E06b
Investigation at transonic speeds of aerodynamic characteristics of a semicircular air inlet in the root of a 45 degree sweptback wing	Trescot, Charles D , Jr; Keith, Arvid L , Jr	23-Mar-55	19930088582	NACA-RM-L55A05a
Effect of ambient-temperature variation on the matching requirements of inlet-engine combinations at supersonic speeds	Perchonok, Eugene; Hearth, Donald P	1-Jan-57	19930084565	NACA-TN-3834
Experimental investigation of eccentricity ratio, friction, and oil flow of long and short journal bearings with load-number charts	Dubois, G B; Ocvirk, F W; Wehe, R L	1-Sep-55	19930084343	NACA-TN-3491
Intergranular corrosion of high-purity aluminum in hydrochloric acid I : effects of heat treatment, iron content, and acid composition	Metzger, M; Intrater, J	1-Feb-55	19930083937	NACA-TN-3281
Theoretical distribution of slip angles in an aggregate of face-centered cubic crystals	Hedgepeth, John M	1-Aug-52	19930083574	NACA-TN-2777
The effect of tip tanks on the rolling characteristics at high subsonic Mach numbers of a wing having an aspect ratio of 3 with quarter-chord line swept back 35 degrees	Kuhn, Richard E; Myers, Boyd C , II	17-Jan-50	19930086118	NACA-RM-L9J19

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High speed wind-tunnel investigation of the longitudinal stability and control characteristics of a 1/16-scale model of the D-558-2 research airplane at high subsonic Mach number and at a Mach number of 1.2	Osborne, Robert S	5-Apr-49	19930085883	NACA-RM-L9C04
Transonic longitudinal aerodynamic characteristics of a fighter-type airplane model with a low-aspect-ratio unswept wing and tee-tail	Hieser, Gerald; Reid, Charles F JR	15-Oct-56	19930088517	NACA-RM-L54K19a
Investigation of plastic behavior of binary aluminum alloys by internal-friction methods	Maringer, R E; Marsh, L L; Manning, G K	1-Jun-56	19930084409	NACA-TN-3681
An investigation of some phenomena relating to aural detection of airplanes	Hubbard, Harvey H; Maglieri, Domenic J	1-Sep-58	19930085229	NACA-TN-4337
Experimental and theoretical study of factors influencing the longitudinal stability of an air-to-air missile at a Mach number of 1.4	Edwards, S Sherman	21-Jan-52	19930086748	NACA-RM-A51J19
On transonic flow past a wave-shaped wall	Kaplan, Carl	1-Aug-52	19930083542	NACA-TN-2748
Stability and control characteristics of an airplane model having a 45.1 degree swept-back wing with aspect ratio 2.50 and taper ratio 0.42 and a 42.8 degree swept-back horizontal tail with aspect ratio 3.87 and taper ratio 0.49	Schuldenfrei, Marvin; Comisarow, Paul; Goodson, Kenneth W	8-May-47	19930093791	NACA-RM-L7B25
Blowing over the flaps and wing leading edge of a thin 49 degree swept wing-body-tail configuration in combination with leading-edge devices	Mclemore, H Clyde; Fink, Marvin P	20-Jul-56	19930089400	NACA-RM-L56E16
Frequency-response method for determination of dynamic stability characteristics of airplanes with automatic controls	Greenberg, Harry	1-Mar-47	19930081850	NACA-TN-1229
Off-design performance of divergent ejectors	Beheim, Milton A	30-Sep-58	19930090226	NACA-RM-E58G10a
Static longitudinal stability and control of a convertible-type airplane as affected by articulated- and rigid-propeller operation	Lange, Roy H; Mclemore, Huel C	7-Nov-49	19930085952	NACA-RM-L9C24
Transonic flight tests to determine zero-lift drag and pressure recovery of nacelles located at the wing tips on a 45 degree sweptback wing and body combination	Hoffman, Sherwood; Pepper, William B , Jr	11-Jan-52	19930086808	NACA-RM-L51K02
Performance of an impulse-type supersonic compressor with stators	Klapproth, John F; Ullman, Guy N; Tysl, Edward R	28-Apr-52	19930087060	NACA-RM-E52B22
Airfoil profiles for minimum pressure drag at supersonic velocities : application of shock-expansion theory, including consideration of hypersonic range	Chapman, Dean R	17-Sep-52	19930083462	NACA-TN-2787
Determination of transient skin temperature of conical bodies during short-time, high-speed flight	Lo, Hsu	1-Oct-48	19930082418	NACA-TN-1725
A transonic-wing investigation in the Langley 8-foot high-speed tunnel at high subsonic Mach numbers and at a Mach number of 1.2 : wing-fuselage configuration with a wing of 45 degrees sweepback, aspect ratio 4, taper ratio 0.6, and NACA 65A006 airfo	Osborne, Robert S	10-Oct-50	19930086262	NACA-RM-L50H08
Interferometer with large working field utilizing schlieren optics	Buchele, Donald R; Day, Pierce B	3-Jan-51	19930086445	NACA-RM-E50I27
Preliminary tank tests of NACA hydro-skis for high-speed airplanes	Dawson, John R; Wadlin, Kenneth L	26-Nov-47	19930085730	NACA-RM-L7I04

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Measurements of aerodynamic characteristics of a 35 degree sweptback NACA 65-009 airfoil model with 1/4-chord bevelled-trailing-edge flap and trim tab by the NACA wing-flow method	Johnson, Harold I; Brown, B Porter	6-Jan-50	19930086037	NACA-RM-L9K11
Heat transfer at the forward stagnation point of blunt bodies	Reshotko, Eli; Cohen, Clarence B	1-Jul-55	19930084208	NACA-TN-3513
Investigation of the air-compression process during drop tests of an oleo-pneumatic landing gear	Walls, James H	1-Sep-51	19930083185	NACA-TN-2477
Theoretical calculation of the power spectra of the rolling and yawing moments on a wing in random turbulence	Eggleston, John M; Diederich, Franklin W	1-Dec-56	19930084686	NACA-TN-3864
Relation of turbojet propulsion system development to the strategic bomber mission	Rothrock, Addison M; Cesaro, Richard S; Walker, Curtis L	15-Aug-56	19930090118	NACA-RM-S56H07
Initial experiments on flutter of unswept cantilever wings at Mach number 1.3	Tuovila, W J; Baker, John E; Regier, Arthur A	6-Jan-49	19930085471	NACA-RM-L8J11
Buckling of long square tubes in combined compression and torsion and comparison with flat-plate buckling theories	Peters, Roger W	1-May-54	19930083964	NACA-TN-3184
Initial results of instrument-flying trials conducted in a single-rotor helicopter	Crim, Almer D; Reeder, John P; Whitten, James B	1-Jun-52	19930083350	NACA-TN-2721
Characteristics of a canard-type missile configuration with an underslung scoop inlet at Mach numbers from 1.5 to 2.0	Fradenburgh, Evan A; Campbell, Robert C	30-Jan-53	19930087538	NACA-RM-E52J22
Wing-tunnel investigation at high subsonic speeds of the lateral-control characteristics of an aileron and a stepped spoiler on a wing with leading edge swept back 51.3 degrees	Schneider, Leslie E; Hagerman, John R	7-Jun-49	19930085852	NACA-RM-L9D06
Preliminary investigation of a gas turbine with sillimanite ceramic rotor blades	Hartwig, Frederick J; Sheflin, Bob W; Jones, Robert J	1-Jul-47	19930082046	NACA-TN-1399
The erosion of meteors and high-speed vehicles in the upper atmosphere	Hansen, C Frederick	1-Mar-57	19930084706	NACA-TN-3962
An experimental investigation of the combustion properties of a hydrocarbon fuel and several magnesium and boron slurries	Lord, Albert M	28-Apr-52	19930086974	NACA-RM-E52B01
Rocket-model investigation of the rolling effectiveness of a fighter-type wing-control configuration at Mach numbers from 0.6 to 1.5	Strass, H Kurt; Marley, Edward T	25-Feb-52	19930086907	NACA-RM-L51I28
Application of non-afterburning turbojets to supersonic flight	Cesaro, Richard S; Walker, Curtis L	18-Nov-55	19930088978	NACA-RM-55K16
Air-flow and performance characteristics of engine-stage supercharger of a double-row radial aircraft engine II : effect of design variables	Dugan, Paul D	1-Aug-46	19930093233	NACA-WR-E-285, NACA-MR-E7G25
Pressure recovery at supersonic speeds through annular duct inlets situated in a region of appreciable boundary layer II : effect of an oblique shock wave immediately ahead of the inlet	Brajnikoff, George B	9-Aug-48	19930085418	NACA-RM-A8F08
Tensile properties of Inconel and RS-120 titanium-alloy sheet under rapid-heating and constant-temperature conditions	Heimerl, George, J; Kurg, Ivo M; Inge, John E	1-Jul-56	19930084484	NACA-TN-3731
An improved method for calculating the dynamic response of flexible airplanes to gusts	Putnam, Abbott A	1-May-47	19930082056	NACA-TN-1321

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Some effects of mass ratio on the transonic flutter characteristics of untapered 45 degree sweptback wings of aspect ratios 2 and 3.5	Kelly, H Neale	24-Jun-58	19930090068	NACA-RM-L58D17
Flight data pertinent to buffeting and maximum normal-force coefficient of the Douglas X-3 research airplane	Baker, Thomas F; Martin, James A; Scott, Betty J	20-Nov-57	19930090138	NACA-RM-H57H09
Tests of the NACA 64-010 and 64A010 airfoil sections at high subsonic Mach numbers	Hemenover, Albert D	8-Jul-49	19930086050	NACA-RM-A9E31
Aerodynamic characteristics of a 0.04956-scale model of the Convair F-102A airplane at Mach numbers of 1.41, 1.61, and 2.01	Spearman, M Leroy; Driver, Cornelius	30-Sep-55	19930080716	NACA-RM-SL55I22
The use of wind tunnels to predict flight buffet loads	Davis, Don D , Jr; Huston, Wilber B	10-Jun-57	19930089887	NACA-RM-L57D25
Transverse vibrations of hollow thin-walled cylindrical beams	Budiansky, Bernard; Kruszewski, Edwin T	1-Apr-52	19930083889	NACA-TN-2682
The origin and distribution of supersonic store interference from measurement of individual forces on several wing-fuselage-store configurations II : swept-wing-heavy-bomber configuration with large store (nacelle). lateral forces and pitching moment	Smith, Norman F; Carlson, Harry W	6-Jul-55	19930090216	NACA-RM-L55E26a
Measurements and power spectra of runway roughness at airports in countries of the North Atlantic Treaty Organization	Thompson, Wilbur E	1-Jul-58	19930085043	NACA-TN-4303
Flight investigation of the cooling characteristics of a two-row radial engine installation III : engine temperature distribution	Rennak, Robert M; Messing, Wesley E; Morgan, James E	1-Oct-46	19930081813	NACA-TN-1147
Effect of several modifications to center body and cowlings on supercritical performance of a supersonic inlet at Mach number of 2.02	Trimpi, Robert L; Cohen, Nathaniel B	20-May-55	19930088638	NACA-RM-L55C16
Effects of Mach number and wall-temperature ratio on turbulent heat transfer at Mach numbers from 3 to 5	Tendeland, Thorval	1-Apr-58	19930085191	NACA-TN-4236
A general method of selecting foam inhibitors	Robinson, J V; Woods, W W	1-May-46	19930081864	NACA-TN-1025
Hydrodynamic impact loads on 30 degree and 60 degree V-step plan-form models with and without dead rise	Edge, Philip M; Mason, Jean P	1-Sep-58	19930085236	NACA-TN-4401
Aerodynamic study of a wing-fuselage combination employing a wing swept back 63 degrees : characteristics at a Mach number of 1.53 including effect of small variations of sweep	Madden, Robert T	26-Jan-49	19930085491	NACA-RM-A8J04
Some wind-tunnel results of an investigation of the flutter of sweptback- and triangular-wing models at Mach number 1.3	Tuovila, W J	22-May-52	19930087087	NACA-RM-L52C13
Vaporization rates and drag coefficients for isooctane sprays in turbulent air streams	Ingebo, Robert D	1-Oct-54	19930084014	NACA-TN-3265
Comparison between predicted and observed performance of gas-turbine stator blade designed for free-vortex flow	Huppert, M C; Macgregor, Charles	1-Apr-49	19930082485	NACA-TN-1810
Buffet tests of an attack-airplane model with emphasis on analysis of data from wind-tunnel tests	Davis, Don D , Jr; Wornom, Dewey E	21-Feb-58	19930089826	NACA-RM-L57H13

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The near noise field of static jets and some model studies of devices for noise reduction	Lassiter, Leslie W; Hubbard, Harvey H	1-Jul-54	19930083984	NACA-TN-3187
A theoretical investigation of hydrodynamic impact loads on scalloped-bottom seaplanes and comparisons with experiment	Milwitzky, Benjamin	1-Jul-47	19930081989	NACA-TN-1363
A flight evaluation of the longitudinal stability characteristics associated with the pitch-up of a swept-wing airplane in maneuvering flight at transonic speeds	Anderson, Seth B; Bray, Richard S	27-Nov-51	19930086840	NACA-RM-A51112
Effect of shear lag on bending vibration of box beams	Anderson, Roger A; Houbolt, John C	1-May-48	19930082234	NACA-TN-1583
separation, stability, and other properties of compressible laminar boundary layer with pressure gradient and heat transfer	Morduchow, Morris; Grape, Richard G	1-May-55	19930084184	NACA-TN-3296
A transonic wind-tunnel investigation of the static longitudinal characteristics of a 3-percent-thick, aspect-ratio-3, delta wing cambered and twisted for high lift-drag ratios	Burrows, Dale L; Tucker, Warren A	5-Aug-55	19930088761	NACA-RM-L55F02a
Effect of quadratic terms in differential equations of atmospheric oscillations	Pekeris, Chaim Lieb	1-Mar-51	19930082992	NACA-TN-2314
An investigation of three NACA 1-series nose inlets at subsonic and transonic speeds	Pendley, Robert E; Milillo, Joseph R; Fleming, Frank F	7-Jan-53	19930087558	NACA-RM-L52J23
An analog study of the relative importance of various factors affecting roll coupling	Weil, Joseph; Day, Richard E	24-Apr-56	19930089282	NACA-RM-H56A06
New experiments on impact-pressure interpretation in supersonic and subsonic rarefied air streams	Sherman, F S	1-Sep-53	19930083740	NACA-TN-2995
An experimental investigation of two methods for reducing transonic drag of swept-wing and body combinations	Mcdevitt, John B	29-Apr-55	19930088788	NACA-RM-A55B21
Weight-strength studies of structures representative of fuselage construction	Peterson, James P	1-Oct-57	19930084898	NACA-TN-4114
Apparatus for obtaining a supersonic flow of very short duration and some drag measurements obtained with its use	Yeates, John E , Jr; Bailey, F J , Jr; Voglewede, T J	23-Jul-51	19930085872	NACA-RM-L9C01
Rotating stall investigation of 0.72 hub-tip ratio single-stage compressor	Graham, Robert W; Prian, Vasily D	9-Mar-54	19930088031	NACA-RM-E53L17a
Pressure distributions on the blade sections of the NACA 10-(3)(090)-03 propeller under operating conditions	Johnson, Peter J	22-Mar-50	19930086202	NACA-RM-L50A26
Pumping and drag characteristics of an aircraft ejector at subsonic and supersonic speeds	Gorton, Gerald C	3-Jun-54	19930090499	NACA-RM-E54D06
Arrangements of jet engine and airframe for increased range	Luidens, Roger W	26-Jul-57	19930089697	NACA-RM-E56L04
An NACA transonic test section with tapered slots tested at Mach numbers to 1.26	Ward, Vernon G; Whitcomb, Charles F; Pearson, Merwin D	30-Mar-50	19930086091	NACA-RM-L50B14
Effects of rate of flap deflection on flap hinge moment and wing lift through the Mach number range from 0.32 to 0.87	Turner, Thomas R	26-Jun-53	19930087683	NACA-RM-L53E11

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Effect of rotation of a NACA 1-series E-type cowling on the internal flow and force characteristics of the cowling at Mach numbers up to 0.84 and at an angle of attack of 0 degrees	Sammonds, Robert I; Reynolds, Robert M	27-Oct-54	19930088323	NACA-RM-A54G14
Flight tests to determine the drag of fin-stabilized parabolic bodies at transonic and supersonic speeds	Alexander, Sidney R; Chauvin, Leo T; Rumsey, Charles B	21-Apr-48	19930085317	NACA-RM-L8A05
Ignition delays and fluid properties of several fuels and nitric acid oxidants in temperature range from 70 to -105 F	Miller, Riley O	1-Dec-56	19930084726	NACA-TN-3884
Static stability of fuselages having a relatively flat cross section	Bates, William R	1-Mar-55	19930084286	NACA-TN-3429
Investigation of tantalum in a 3,800 F supersonic airstream	Trout, Otto F , Jr; Modisette, Jerry L	9-Jan-58	19930090058	NACA-RM-L57J07a
A Method for Calculating the Heat Required for Windshield Thermal Ice Prevention Based on Extensive Flight Tests in Natural Icing Conditions	Jones, Alun R; Holdaway, George H; Steinmetz, Charles P	1-Nov-47	19930082066	NACA-TN-1434
Experimental investigation of typical constant- and variable-area exhaust nozzles and effects on axial-flow turbojet-engine performance	Wallner, Lewis E; Wintler, John T	9-Jul-51	19930086816	NACA-RM-E51D19
A comparison of several systems of boundary-layer removal ahead of a typical conical external-compression side inlet at Mach numbers of 1.88 and 2.93	Piercy, Thomas G; Johnson, Harry W	4-Sep-53	19930087659	NACA-RM-E53F16
Oxidation-resistance mechanism and other properties of molybdenum disilicide	Maxwell, W A	14-Mar-52	19930086994	NACA-RM-E52A04
Effect of leading-edge droop on the aerodynamic and loading characteristics of a 4-percent-thick unswept-wing-fuselage combination at transonic speeds	Schmeer, James W	23-May-56	19930089119	NACA-RM-L56C14
Flight tests of an airplane model with 42 degree sweptback wing in the Langley free-flight tunnel	Maggin, Bernard; Bennett, Charles V	1-May-47	19930081903	NACA-TN-1287
Two-dimensional compressible flow in centrifugal compressors with logarithmic-spiral blades	Ellis, Gaylord O; Stanitz, John D	1-Jan-51	19930082895	NACA-TN-2255
Hovering and low-speed performance and control characteristics of an aerodynamic-servocontrolled helicopter rotor system as determined on the Langley helicopter tower	Carpenter, Paul J; Paulnock, Russell S	1-May-50	19930082796	NACA-TN-2086
Preliminary analysis of performance of turbojet engines used as pumps for boundary-layer control	Conrad, E William	16-Aug-55	19930088704	NACA-RM-E55E20a
Exploratory investigation of the flow in the separated region ahead of two blunt bodies at Mach number 2	Bernstein, Harry; Brunk, William E	30-Jun-55	19930088695	NACA-RM-E55D07b
The Calculation of the Heat Required for Wing Thermal Ice Prevention in Specified Icing Conditions	Bergrun, Norman R.; Jukoff, David; Schlaff, Bernard A.; Neel, Carr B., Jr.	1-Dec-47	19930082126	NACA-TN-1472
Effect of blade-thickness taper on axial-velocity distribution at the leading edge of an entrance rotor-blade row with axial inlet, and the influence of this distribution on alignment of the rotor blade for zero angle of attack	Stanitz, John D	1-Aug-53	19930083715	NACA-TN-2986

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An investigation of a supersonic aircraft configuration having a tapered wing with circular-arc sections and 40 degree sweepback : a pressure-distribution study of the aerodynamic characteristics of the wing at Mach number 1.59	Cooper, Morton; Spearman, M Leroy	23-May-50	19930086319	NACA-RM-L50C24
Aerodynamic characteristics of flying-boat hulls having length-beam ratios of 20 and 30	Riebe, John M	10-Nov-48	19930085560	NACA-RM-L8H11
Effects of inlet-flow-air distortion on steady-state altitude performance of an axial-flow turbojet engine	Conrad, E William; Hanson, Morgan P; Mcaulay, John E	27-Sep-55	19930088568	NACA-RM-E55A04
Flight-test evaluation of the longitudinal stability and control characteristics of 0.5-scale models of the lark pilotless-aircraft configuration	Stone, David G	6-Feb-48	19930085797	NACA-RM-L7I26
Test-stand investigation of a rectangular ram-jet engine	Black, Dugald O; Messing, Wesley E	7-May-47	19930085621	NACA-RM-E7D11
Thermal fatigue of ductile materials II : effect of cyclic thermal stressing on the stress-rupture life and ductility of S-816 and Inconel 550.	Clauss, Francis J; Freeman, James W	1-Sep-58	19930084997	NACA-TN-4165
Effect of three design parameters on the operating characteristics of 75-millimeter-bore cylindrical roller bearings at high speeds	Anderson, William J	1-Oct-56	19930084473	NACA-TN-3772
Tensile stress-strain properties of 17-7 PH and AM 350 stainless-steel sheet at elevated temperatures	Kurg, Ivo M	1-Sep-57	19930085071	NACA-TN-4075
Wind-tunnel investigation of the effect of chordwise fences on longitudinal stability characteristics of an airplane model with a 35 degree sweptback wing	Queijo, M J; Jaquet, Byron M	18-Dec-50	19930086480	NACA-RM-L50K07
Preliminary investigation of the effects of a paddle balance on the control characteristics at transonic speeds of a tapered 45.58 degrees sweptback wing of aspect ratio 3 having a full-span flap-type control	Moseley, William C , Jr	26-Feb-52	19930086927	NACA-RM-L51L19
Exposure tests of galvanized-steel-stitched aluminum alloys	Reinhart, Fred M	1-Feb-51	19930082958	NACA-TN-2299
Combined effect of damping screens and streams convergence on turbulence	Tucker, Maurice	1-Jan-53	19930083770	NACA-TN-2878
One-dimensional calculation of flow in a rotating passage with ejection through a porous wall	Eckert, E R G; Livingood, John N B; Prasse, Ernst I	1-Mar-55	19930084139	NACA-TN-3408
Bypass-duct design for use with supersonic inlets	Wood, Charles C; Henry, John R	16-Mar-56	19930088998	NACA-RM-L55L13a
An analytical evaluation of the effects of an aerodynamic modification and of stability augmenters on the pitch behavior and probable pilot opinion of two current fighter airplanes	Sadoff, Melvin; Stewart, John D	21-Apr-59	19930090398	NACA-RM-A57K07
Aerodynamic characteristics extended to high angles of attack at transonic speeds of a small-scale 0 degree sweep wing, 45 degree sweptback wing, and 60 degree delta wing	Wiley, Harleth G	18-Nov-52	19930087336	NACA-RM-L52I30
Stability derivatives of cones at supersonic speeds	Tobak, Murry; Wehrend, William R	1-Sep-56	19930084542	NACA-TN-3788
Flight investigation of the effect of underwing propulsive jets on the lift, drag, and longitudinal stability of a delta-wing configuration at Mach numbers from 1.23 to 1.62	Falanga, Ralph A; Judd, Joseph H	15-Dec-55	19930088866	NACA-RM-L55I13

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Investigation of the flow through a single-stage two-dimensional nozzle in the Langley 11-inch hypersonic tunnel	McLellan, Charles H; Williams, Thomas W; Beckwith, Ivan E	1-Dec-50	19930082869	NACA-TN-2223
Smoke studies of secondary flows in bends, tandem cascades, and high-turning configurations	Hansen, Arthur G; Costello, George R; Herzig, Howard Z	11-Mar-53	19930087601	NACA-RM-E52L24a
A flight study of the effects of noise filtering in the attack display on the pilot's tracking performance	Turner, Howard L; Heinle, Donovan R	10-Sep-58	19930090150	NACA-RM-A58E21
Influence of wing and fuselage on the vertical-tail contribution to the low-speed rolling derivatives of midwing airplane models with 45 degree sweptback surfaces	Wolhart, Walter D	1-Dec-51	19930083409	NACA-TN-2587
Flight investigation of an aileron and a spoiler on a wing of the X-3 airplane plan form at Mach numbers from 0.5 to 1.6	English, Roland D	18-Jun-54	19930088270	NACA-RM-L54D26a
Combined natural- and forced-convection laminar flow and heat transfer of fluids with and without heat sources in channels with linearly varying wall temperatures	Ostrach, Simon	1-Apr-54	19930083805	NACA-TN-3141
Lateral and directional stability and control characteristics of a C-54D airplane	Talmage, Donald B; Reeder, John P	24-Mar-49	19930085551	NACA-RM-L8K30
Average bond energies between boron and elements of the fourth, fifth, sixth, and seventh groups of the periodic table	Altshuller, Aubrey P	18-Nov-55	19930088914	NACA-RM-E55I27a
Impingement of cloud droplets on aerodynamic bodies as affected by compressibility of air flow around the body	Brun, Rinaldo J; Serafini, John S; Gallagher, Helen	1-Mar-53	19930083601	NACA-TN-2903
Investigation of effective thermal conductivities of powders	Dessler, R G; Eian, C S	24-Jun-52	19930087021	NACA-RM-E52C05
Experimental study of foam-insulated liquified-gas tanks	Reynolds, Thaine W; Weiss, Solomon	18-Jan-57	19930089594	NACA-RM-E56K08a
Effects of roughness and Reynolds number on the nonlinear lift characteristics of a wing with modified hexagonal airfoil sections	Schwartzberg, Milton A	9-Feb-53	19930087475	NACA-RM-L52L26a
Aerodynamic characteristics of a canard and an outboard-tail airplane model at a Mach number of 2.01	Spearman, M Leroy; Robinson, Ross B	24-Mar-58	19930090082	NACA-RM-L58B07
Theory of helicopter damping in pitch or roll and a comparison with flight measurements	Amer, Kenneth B	1-Oct-50	19930082758	NACA-TN-2136
Experimental investigation of the vibration characteristics of four designs of turbine blades and of the effect produced by varying the axial spacing between nozzle blades and turbine blades.	Morgan, W C; Morse, C R	21-Feb-52	19930086778	NACA-RM-E51J25
Analysis of jet-propulsion engine combustion-chamber pressure losses	Pinkel, I Irving; Shames, Harold	1-Feb-47	19930081952	NACA-TN-1180
Estimates of probability distribution of root-mean-square gust velocity of atmospheric turbulence from operational gust-load data by random-process theory	Press, Harry; Meadows, May T; Hadlock, Ivan	1-Mar-55	19930084504	NACA-TN-3362
Effects of compressibility on lift and load characteristics of a tapered wing of NACA 64-210 airfoil sections up to a Mach number of 0.60	West, F E , Jr; Himka, T	1-May-49	19930082554	NACA-TN-1877

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A method of computing the transient temperature of thick walls from arbitrary variation of adiabatic-wall temperature and heat-transfer coefficient	Hill, P R	1-Oct-57	19930084846	NACA-TN-4105
Origin and development of leading-edge cracks in turbojet engine buckets	Springsteen, D F; Gyorgak, C A; Johnston, J R	20-May-57	19930089645	NACA-RM-E57C12
Flight measurements of airplane structural temperatures at supersonic speeds	Banner, Richard D	7-Jun-57	19930089759	NACA-RM-H57D18b
Effect of taper ratio on the low-speed rolling stability derivatives of swept and unswept wings of aspect ratio 2.61	Brewer, Jack D; Fisher, Lewis R	9-Nov-48	19930085438	NACA-RM-L8H18
Pumping characteristics for several simulated variable-geometry ejectors with hot and cold primary flow	Allen, John L	8-Sep-54	19930088356	NACA-RM-E54G15
Calculations of the flow over an inclined flat plate at free-stream Mach number 1	Vincenti, Walter G; Wagoner, Cleo B; Fisher, Newman H , Jr	1-Aug-56	19930084450	NACA-TN-3723
Free-flight-tunnel investigation of the stability and control of a republic F-84E airplane towed by a short towline	Shanks, Robert E	5-Nov-52	19930087410	NACA-RM-SL52K13a
An investigation of aircraft heaters XXXI : summary of laboratory testing of several exhaust-gas and air heat exchangers	Boelter, L M K; Guibert, A G; Romie, F E; Sanders, V D; Rademacher, J M	1-Jul-49	19930082090	NACA-TN-1455
Effect of overheating on creep-rupture properties of S-816 alloy at 1,500 F	Rowe, John P; Freeman, J W	1-Dec-57	19930085099	NACA-TN-4081
Low-speed investigation of the effects of angle of attack on the pressure recovery of a circular nose inlet with several lip shapes	Blackaby, James R	1-May-55	19930084111	NACA-TN-3394
An investigation of the low-speed stability and control characteristics of swept-forward and swept-back wing in the Ames 40- by 80-foot wind tunnel	Mccormack, Gerald M; Stevens, Victor I , Jr	10-Jun-47	19930085677	NACA-RM-A6K15
Effects of canards on airplane performance and stability	Hall, Charles F; Boyd, John W	7-Jul-58	19930090158	NACA-RM-A58D24
A comparison of the spanwise loading calculated by various methods with experimental loadings obtained on a 45 degrees sweptback wing of aspect ratio 8 at a Reynolds number of 4.0×10^6	Schneider, William C	29-Jan-52	19930086685	NACA-RM-L51G30
Analysis of turbulent heat transfer, mass transfer, and friction in smooth tubes at high Prandtl and Schmidt numbers	Deissler, Robert G	1-May-54	19930083840	NACA-TN-3145
Amplitude distribution and energy balance of small disturbances in plate flow	Schlichting, H	1-Apr-50	19930093965	NACA-TM-1265
Base pressure at supersonic speeds on two-dimensional airfoils and on bodies of revolution with and without fins having turbulent boundary layers	LOVE EUGENE S	1-Jan-57	19930084517	NACA-TN-3819
Lift and profile-drag characteristics of an NACA 0012 airfoil section as derived from measured helicopter-rotor hovering performance	Carpenter, Paul J	1-Sep-58	19930085275	NACA-TN-4357
Oxidation of titanium carbide base ceramals containing molybdenum, tungsten, and cobalt	Whitman, M J; Repko, A J	1-Jul-49	19930082592	NACA-TN-1914
Wind-tunnel tests of a series of practice bombs : COORD. No. AF-247	Ward, Donald H	25-Oct-57	19930090088	NACA-RM-SL57J15a
Investigation of lithium hydride and magnesium as high-temperature internal coolants with several skin materials	Modisette, Jerry L	28-May-58	19930089992	NACA-RM-L58B17

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Low-speed pressure-distribution investigation of a spoiler and a spoiler-slot-deflector on a 30 degree sweptback wing-fuselage model having an aspect ratio of 3, a taper ratio of 0.5, and NACA 65A004 airfoil section	Hammond, Alexander D	11-Jan-56	19930088949	NACA-RM-L55I29
Development of cast aluminum alloys for elevated-temperature service	Hodge, Webster; Eastwood, L W; Lorig, C H; Cross, H C	1-Jan-48	19930082076	NACA-TN-1444
On the recording of turbulent longitudinal and transverse fluctuations	Reichardt, H	1-Aug-51	19930093917	NACA-TM-1313
Aerodynamic characteristics of a two-blade NACA 10-(3)(062)-045 propeller and of a two-blade NACA 10-(3)(08)-045 propeller	Solomon, William	1-Jan-53	19930083646	NACA-TN-2881
Lateral-control investigation of flap-type and spoiler-type controls on a wing with quarter-chord-line sweepback of 60 degrees, aspect ratio 2, taper ratio 0.6, and NACA 65A006 airfoil section : transonic-bump method	Hammond, Alexander D	18-Jul-50	19930086209	NACA-RM-L50E09
Some stress rupture and creep properties of molybdenum disilicide in the range of 1600 to 2000 F	Maxwell, W A	24-Jun-52	19930087117	NACA-RM-E52D09
The effects of oscillation amplitude and frequency on the experimental damping in pitch of a triangular wing having an aspect ratio of 4	Beam, Benjamin H	5-Sep-52	19930087243	NACA-RM-A52G07
Critical shear stress of infinitely long, simply supported plate with transverse stiffeners	Stein, Manuel; Fralich, Robert W	1-Apr-49	19930082524	NACA-TN-1851
Summary of some effective aerodynamic twisting-moment coefficients of various wing-control configurations at Mach numbers from 0.6 to 1.7 as determined from rocket-powered models	Strass, H Kurt	22-Jan-52	19930087895	NACA-RM-L51K20
Experimental investigation of a body flare for obtaining pitch stability and a body flap for obtaining pitch control in hypersonic flight	Eggers, A J , Jr; Syverton, Clarence A	18-Jan-55	19930088439	NACA-RM-A54J13
The planing characteristics of a surface having a basic angle of dead rise of 40 degrees and horizontal chine flare	Blanchard, Ulysse J	1-Dec-52	19930083590	NACA-TN-2842
Effects of compressibility on the performance of two full-scale helicopter rotors	Carpenter, Paul J	1-Jan-51	19930083097	NACA-TN-2277
Transonic investigation of internal-flow characteristics of a square-shaped scoop inlet mounted at three chordwise positions above a high 45 degree sweptback wing and body combination	Keith, Arvid L , Jr	17-Apr-57	19930089512	NACA-RM-L57A29
Development of a protected air scoop for the reduction of induction-system icing	Von Glahn, Uwe; Renner, Clark E	1-Sep-46	19930081783	NACA-TN-1134
Preliminary measurements of the aerodynamic yawing derivatives of a triangular, a swept, and an unswept wing performing pure yawing oscillations, with a description of the instrumentation employed	Queijo, M J; Fletcher, Herman S; Marple, C G; Hughes, F M	2-Apr-56	19930089009	NACA-RM-L55L14
Influence of large amplitudes on flexural motions of elastic plates	Herrmann, George	1-May-56	19930084375	NACA-TN-3578
Effect of control trailing-edge thickness or aspect ratio on the oscillating hinge-moment and flutter characteristics of a flap-type control at transonic speeds	Moseley, William C , Jr; Thompson, Robert F	23-Apr-58	19930090025	NACA-RM-L58B25

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A theoretical investigation of the effect of a target seeker sensitive to pitch attitude on the dynamic stability and response characteristics of a supersonic canard missile configuration	Gates, Ordway B , Jr; Schy, Albert A	26-Aug-52	19930087147	NACA-RM-L52E19
On the effect of subsonic trailing edges on damping in roll and pitch of thin sweptback wings in a supersonic stream	Ribner, Herbert Spencer	1-Aug-50	19930082764	NACA-TN-2146
Analysis of fluorine addition to the vanguard first stage	Tomazic, William A; Schmidt, Harold W; Tischler, Adelbert O	24-Jan-57	19930089676	NACA-RM-E56K28
An investigation at supersonic speeds of the effect of varying the maximum-thickness position upon the aerodynamic characteristics of a series of 3 1/2-percent-thick delta wings	Mueller, James N	9-Aug-55	19930088683	NACA-RM-L55D26
Experimental investigation of the effects of cooling on friction and on boundary-layer transition for low-speed gas flow at the entry of a tube	Kline, Stephen J; Shapiro, Ascher H	1-Nov-53	19930083694	NACA-TN-3048
Study of effects of microstructure and anisotropy on fatigue of 23S-T4 aluminum alloy	Lipsitt, H A; Dieter, G E; Horne, G T; Mehl, R F	1-Mar-55	19930084665	NACA-TN-3380
Measurements of landing-gear forces and horizontal-tail loads in landing tests of a large bomber-type airplane	Westfall, John R	1-Sep-46	19930081792	NACA-TN-1140
Propellant vaporization as a criterion for rocket-engine design : calculations using various log-probability distributions of heptane drops	Priem, Richard J	1-Oct-57	19930084825	NACA-TN-4098
Initial flight investigation of a twin engine supersonic ram jet	Faget, Maxime A; Dettwyler, H Rudolph	15-Sep-50	19930086298	NACA-RM-L50H10
Effect of a Rapid Blade-Pitch Increase on the Thrust and Induced-Velocity Response of a Full-Scale Helicopter Rotor	Carpenter, Paul J; Fridovich, Bernard	1-Nov-53	19930083686	NACA-TN-3044
Hovering performance of a helicopter rotor using NACA 8-H-12 airfoil sections	Powell, Robert D , Jr	1-Aug-54	19930083901	NACA-TN-3237
Evaporation and spreading of isooctane sprays in high velocity air streams	Bahr, Donald W	16-Nov-53	19930088043	NACA-RM-E53I14
Wind-tunnel investigation of the use of leading-edge and trailing-edge area-suction flaps on a 13-percent-thick straight wing and fuselage model	Holzhauser, Curt A	24-Jan-58	19930090004	NACA-RM-A57K01
Hydrodynamic qualities of a hypothetical flying boat with a low-drag hull having a length-beam ratio of 15	Carter, Arthur W; Haar, Marvin I	1-Apr-48	19930082382	NACA-TN-1570
Role of nickel dip in enameling of sheet steel	Moore, D G; Pitts, J W; Harrison, W N	1-Jun-54	19930084053	NACA-TN-3207
Altitude-wind-tunnel investigation of a 4000-pound-thrust axial-flow turbojet engine VI : combustion-chamber performance	Pinkel, I Irving; Shames, Harold	4-Aug-48	19930093755	NACA-RM-E8F09e
Wind-tunnel investigation of end-plate effects of horizontal tails on a vertical tail compared with available theory	Murray, Harry E	21-Jan-46	19930084616	NACA-TN-1050
The development of a hollow blade for exhaust gas turbines	Kohlmann, H	1-Dec-50	19930093941	NACA-TM-1289
Initial flight test of the NACA FR-1-A, a low-acceleration rocket- propelled vehicle for transonic flutter research	Angle, Ellwyn E	29-Jun-48	19930085828	NACA-RM-L7J08

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Investigation at high subsonic speeds of the use of low auxiliary tail surfaces having dihedral to improve the longitudinal and directional stability of a T-tail model at high lift	Sleeman, William C , Jr	5-Dec-57	19930089980	NACA-RM-L57I24
Theoretical calculations of the lateral force and yawing moment due to rolling at supersonic speeds for sweptback tapered wings with streamwise tips : subsonic leading edges	Margolis, Kenneth	1-Jun-50	19930082822	NACA-TN-2122
Effects of operating propellers on the wing-surface pressures of a four-engine tractor airplane configuration having a wing with 40 degrees of sweepback	Boltz, Frederick W; Kolbe, Carl D	23-Apr-54	19930088064	NACA-RM-A53L29
Correlation Tests of the Ditching Behavior of an Army B-24D Airplane and a 1/16-Size Model	Jarvis, George A.; Fisher, Lloyd J.	1-Jan-46	19930093655	NACA-WR-L-617, NACA-MR-L6A03
Compressive crippling of structural sections	Anderson, Melvin S	1-Jan-56	19930084321	NACA-TN-3553
Wind-tunnel investigation of seven thin NACA airfoil sections to determine optimum double-slotted-flap configurations	Cahill, Jones F; Racisz, Stanley F	1-Apr-48	19930082347	NACA-TN-1545
A method for the calculation of external lift, moment, and pressure drag of slender open-nose bodies of revolution at supersonic speeds	Parker, Hermon M	1-Mar-46	19930093684	NACA-WR-L-720, NACA-ACR-L5L29
Static tests of a shrouded and an unshrouded propeller	Platt, Robert J , Jr	9-Feb-48	19930085700	NACA-RM-L7H25
Investigation at transonic speeds of the effect of a positive-lift balancing tab on the hinge-moment and lift-characteristics of a full-span flap on a tapered 45 degrees sweptback wing of aspect ratio 3	Lockwood, Vernard E; Fikes, Joseph E	20-Nov-52	19930087420	NACA-RM-L52J09
Spiral motions of viscous fluids	Hamel, Georg	1-Jan-53	19930093888	NACA-TM-1342
Calibration of a combined Pitot-static tube and vane-type flow angularity indicator at transonic speeds and at large angles of attack or yaw	Pearson, Albin O; Brown, Harold A	17-Sep-52	19930087198	NACA-RM-L52F24
Flight investigation of the effect of thickening the aileron trailing edge on control effectiveness for sweptback tapered wings having sharp-and round-nose sections	Strass, H Kurt; Fields, Edison M	2-May-50	19930086249	NACA-RM-L9L19
Rolling and yawing moments for swept-back wings in sideslip at supersonic speeds	Lampert, Seymour	1-Jan-51	19930082927	NACA-TN-2262
A study of a missile designed to fly at low speed with its longitudinal axis aligned with the flight path	Hopkins, Edward J; Sorensen, Norman E	7-Feb-56	19930089042	NACA-RM-A55K30
Supersonic flow past oscillating airfoils including nonlinear thickness effects	Van Dyke, Milton D	1-Jul-53	19930083707	NACA-TN-2982
Preliminary analysis of problem of determining experimental performance of air-cooled turbine II : methods for determining cooling-air-flow characteristics	Ellerbrock, Herman H , Jr	7-Jun-50	19930086103	NACA-RM-E50A06
Review of information on induced flow of a lifting rotor	Gessow, Alfred	1-Aug-54	19930083909	NACA-TN-3238
Stability and control characteristics obtained during demonstration of the Douglas X-3 research airplane	Day, Richard E; Fischel, Jack	21-Jul-55	19930088730	NACA-RM-H55E16

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Transonic wind-tunnel investigation of static lateral stability and control characteristics of the Chance Vought F8U-3 airplane : TED No. NACA AD 3133	Pierpont, P Kenneth	29-Aug-58	19930090236	NACA-RM-SL58H19
The effects of body vortices and the wing shock-expansion field on the pitch-up characteristics of supersonic airplanes	Nielsen, Jack N	24-Mar-58	19930089950	NACA-RM-A57L23
Investigation of a slat in several different positions on an NACA 64A010 airfoil for a wide range of subsonic Mach numbers	Axelson, John A; Stevens, George L	1-Mar-54	19930083922	NACA-TN-3129
Elastic properties in tension and shear of high strength nonferrous metals and stainless steel - effect of previous deformation and heat treatment	Mebs, R W; Mcadam, D J	1-Mar-47	19930080790	NACA-TN-1100
A theory of conductivity of cold-worked copper	Landauer, Rolf	1-Sep-51	19930083268	NACA-TN-2439
Heat transfer and thermal stresses in sandwich panels	Swann, Robert T	1-Sep-58	19930085163	NACA-TN-4349
A device for measuring sonic velocity and compressor Mach number	Huber, Paul W; Kantrowitz, Arthur	16-Jan-47	19930085667	NACA-RM-L6K14
Temperature measurements from a flight test of two wing-body combinations at 7 degree angle of attack for Mach numbers to 4.86 and Reynolds numbers to 19.2 X 10(exp 6)	Chauvin, Leo T	12-Sep-57	19930089907	NACA-RM-L57F27
Altitude performance investigation of two single-annular type combustors and the prototype J40-WE-8 turbojet engine combustor with various combustor-inlet air pressure profiles	Sobolewski, Adam E; Miller, Robert R; Mcaulay, John E	29-May-53	19930087377	NACA-RM-E52J07
Effect of inlet-duct length in uniform-flow field on turbojet-engine operation	Lubick, Robert J; Chelko, Louis J; Wallner, Lewis E	11-Apr-56	19930088973	NACA-RM-E55K15
The effect of body contouring on the longitudinal characteristics at Mach numbers up to 0.92 of a wing-fuselage-tail and several wing-fuselage combinations having sweptback wings of relatively high aspect ratio	Sutton, Fred B; Lautenberger, J Walter, Jr	17-Jan-57	19930090211	NACA-RM-A56J08
Aerodynamic characteristics of a 6-percent-thick symmetrical double-wedge airfoil at transonic speeds from tests by the NACA wing-flow method	Lina, Lindsay J	4-Mar-49	19930085867	NACA-RM-L9A12
Investigation of jet-engine noise reduction by screens located transversely across the jet	Callaghan, Edmund E; Coles, Willard D	1-May-55	19930084134	NACA-TN-3452
Pressure limits of flame propagation of pure hydrocarbon-air mixtures at reduced pressure	Spakowski, Adolph E	30-Sep-52	19930087331	NACA-RM-E52H15
Results of two free-fall experiments on flutter of thin unswept wings in the transonic speed range	Lauten, William T , Jr; Nelson, Herbert C	8-May-51	19930086625	NACA-RM-L51C08
Some factors affecting fabrication and high-temperature strength of molybdenum disilicide	Maxwell, W A	17-Apr-52	19930087009	NACA-RM-E52B06
Review and investigation of unsatisfactory control characteristics involving in stability of pilot-airplane combination and methods for predicting these difficulties from ground tests	Phillips, William H; Brown, B Porter; Matthews, James T , Jr	21-Aug-53	19930093776	NACA-RM-L53F17a
The use of area suction for improving the longitudinal characteristics of a thin unswept wing-fuselage model with leading- and trailing-edge flaps	Koenig, David G	10-Jul-56	19930089443	NACA-RM-A56D23

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Design and test of mixed-flow impellers VI : performance and parabolic-bladed impeller with shroud redesigned by rapid approximate method	Smith, Kenneth J; Osborn, Walter M	7-Sep-55	19930088902	NACA-RM-E55F23
Application of a high-temperature static strain gage to the measurement of thermal stresses in a turbine stator vane	Kemp, R H; Morse, C R; Hirschberg, M H	1-Mar-58	19930085122	NACA-TN-4215
Preliminary data on the effect of body-nose bluntness on the drag and pressure recovery of a side-inlet-body combination at Mach numbers of 1.4 and 1.7	Stroud, John F; Anderson, Warren E	25-Apr-51	19930086577	NACA-RM-A51A09
Flight investigation of the effect of atmospheric turbulence on the climb performance of an airplane	Press, Harry; Mcclanahan, Herbert C , Jr	1-Oct-51	19930083417	NACA-TN-2498
A method of calculating the compressive strength of Z-stiffened panels that develop local instability	Gallaher, George L; Boughan, Rolla B	1-Nov-47	19930082136	NACA-TN-1482
Effects of surface finish, of certain defects, and of repair of defects by welding on fatigue strength of 355-T6 sand-castings and effects of prior fatigue stressing on tensile properties	Howell, F M; Stickley, G W; Lyst, J O	1-Apr-48	19930082100	NACA-TN-1464
Width of Debye-Scherrer lines for finite spectral width of primary beam	Ekstein, Hans	1-Sep-51	19930083277	NACA-TN-2446
Motion of a cylinder under the surface of a heavy fluid	Sretensky, L N	1-Aug-53	19930093895	NACA-TM-1335
Wind-tunnel investigation of a 45 degree sweptback wing having a symmetrical root and a highly cambered tip, including the effects of fences and lateral controls	Cleary, Joseph W; Boddy, Lee E	20-Nov-53	19930088248	NACA-RM-A53I21
Transonic flutter investigation of models of the sweptback wing of a fighter airplane	Smith, Samuel L , III; Boswinkle, Robert W , Jr	15-Apr-58	19930089865	NACA-RM-L58A15
Effects of wing lift and weight on landing-gear loads	Lindquist, Dean C	1-Mar-52	19930083568	NACA-TN-2645
Transonic flutter investigation of a fighter-airplane wing model and comparison with a systematic plan-form series	Land, Norman S; Abbott, Frank T , Jr	7-Oct-55	19930088658	NACA-RM-L55B16
Flow induced by a rotor in power-on vertical descent	Castles, Walter, Jr	1-Jul-58	19930085211	NACA-TN-4330
Summary of available hail literature and the effect of hail on aircraft in flight	Souter, Robert K; Emerson, Joseph B	1-Sep-52	19930083445	NACA-TN-2734
Flight investigation of some factors affecting the critical tail loads on large airplanes	Brown, Harvey H	1-Sep-51	19930083197	NACA-TN-2490
Contribution to the theory of tail-wheel shimmy	Melzer, M	1-Dec-54	19930093850	NACA-TM-1380
The synthesis and purification of aromatic hydrocarbons I : butylbenzene	Karabinos, Joseph V; Lamberti, Joseph M	1-Jan-46	19930081833	NACA-TN-1019
Concerning the flow about ring-shaped cowlings Part VI : further measurements on inlet devices	Kuchemann, Dietrich; Weber, Johanna	1-Dec-51	19930093903	NACA-TM-1327
Aerodynamic characteristics of NACA RM 10 missile in 8 by 6 foot supersonic wind tunnel at Mach numbers from 1.49 to 1.98. III : analysis of force distribution at angle of attack (stabilizing fins removed)	Luidens, Roger W; Simon, Paul C	12-Dec-50	19930086429	NACA-RM-E50I19
Tests of a model horizontal tail of aspect ratio 4.5 in the Ames 12-foot pressure wind tunnel I : quarter-chord line swept back 35 degrees	Tinling, Bruce E; Dickson, Jerald K	9-Sep-49	19930085935	NACA-RM-A9G13

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Spreading of exhaust jet from 16 inch ream jet at Mach number 2.0 / Fred Wilcox, Donald Pennington	Wilcox, Fred; Pennington, Donald	14-Aug-52	19930087205	NACA-RM-E52F25
Preliminary investigation of the effects of rectangular vortex generators on the performance of a short 1.9:1 straight-wall annular diffuser	Wood, Charles C	10-Oct-51	19930086792	NACA-RM-L51G09
Some measurements of noise from three solid-fuel rocket engines	Lassiter, Leslie W; Heikotter, Robert H	1-Dec-54	19930084074	NACA-TN-3316
A flight investigation of the handling characteristics of a fighter airplane controlled through a rate type of automatic control system	Russell, Walter R; Alford, William L; Sjoberg, S A	14-Sep-56	19930089383	NACA-RM-L56F06
Increase in stable-air-flow operating range of a mixed-flow compressor by means of a surge inhibitor	Laskin, Eugene B; Kofskey, Milton G	3-Apr-47	19930085715	NACA-RM-E7C05
Preliminary investigation of the supersonic flow field downstream of wire-mesh nozzles in a constant-area duct / Lawrence I. Gould	Gould, Lawrence I	14-Aug-51	19930086741	NACA-RM-E51F25
Experimental investigation at supersonic speeds of twin-scoop duct inlets of equal area IV : some effects of internal duct shape upon an inlet enclosing 37.2 percent of the forebody circumference	Davis, Wallace F; Edwards, Sherman S; Brajnikoff, George B	15-Mar-49	19930085928	NACA-RM-A9A31
Theoretical Performance Characteristics of Sharp Lip Inlets at Subsonic Speeds	Fradenburgh, Evan A; Wyatt, Demarquis D	1-Sep-53	19930083660	NACA-TN-3004
An evaluation of the effects of flexibility on wing strains in rough air for a large swept-wing airplane by means of experimentally determined frequency-response functions with an assessment of random-process techniques employed	Coleman, Thomas L; Press, Harry; Meadows, May T	1-Jul-58	19930085137	NACA-TN-4291
High-altitude performance of an experimental turbojet combustor having variable primary-air admission	Straight, David M; Gernon, J Dean	11-Apr-55	19930088626	NACA-RM-E55B10
A study of ceramic coatings for high-temperature protection of molybdenum	Moore, D G; Bolz, L H; Harrison, W N	1-Jul-48	19930082291	NACA-TN-1626
An analysis of the airspeed and normal accelerations of Douglas DC-2 airplanes in commercial transport operation	Walker, Walter G	1-Nov-48	19930082403	NACA-TN-1754
Friction study of aircraft tire material on concrete	Hample, W G	1-Sep-55	19930084149	NACA-TN-3294
Fatigue of gusseted joints	Langdon, Howard H; Fried, Bernard	1-Sep-48	19930082199	NACA-TN-1514
Knock-limited performance of pure hydrocarbons blended with a base fuel in a full-scale aircraft-engine cylinder III : four aromatics, six ethers	Jonash, Edmund R	1-Mar-46	19930093456	NACA-WR-E-235, NACA-ARR-E6B14
Analytical study of the comparative pitch-up behavior of several airplanes and correlation with pilot opinion	Sadoff, Melvin; Stewart, John D; Cooper, George E	12-Jun-57	19930089704	NACA-RM-A57D04
Flight investigation of effects of atmospheric turbulence and moderate maneuvers on bending and torsional moments encountered by a helicopter rotor blade	Ludi, Leroy H	1-Feb-58	19930085063	NACA-TN-4203
An experimental investigation at subsonic and supersonic speeds of the torsional damping characteristics of a constant-chord control surface of an aspect ratio 2 triangular wing	Reese, David E , Jr	2-Jul-53	19930087511	NACA-RM-A53D27

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Effects of fuel temperature and fuel distribution on the combustion efficiency of a 16-inch ram-jet engine at a simulated Mach number of 2.9	Dangle, E E; Cervenka, A J; Bahr, D W	8-Jan-53	19930087448	NACA-RM-E52J14
Performance of a turbojet engine with adjustable first-stage turbine stator and variable-area exhaust nozzle	Meyer, Carl L; Smith, Ivan D; Bloomer, Harry E	14-Aug-53	19930087463	NACA-RM-E52L04
Control hinge-moment and effectiveness characteristics of a horn-balanced, flap-type control on a 55 degree sweptback triangular wing of aspect ratio 3.5 at Mach numbers of 1.41, 1.62, and 1.96	Guy, Lawrence D	29-Jan-53	19930087433	NACA-RM-L52L15
Water landing investigation of a hydro-ski model at beam loadings of 18.9 and 4.4	Batterson, Sidney A	12-Sep-51	19930086732	NACA-RM-L51F27
Critical combinations of shear and direct stress for simply supported rectangular flat plates	Batdorf, S B; Stein, Manuel	1-Mar-47	19930082113	NACA-TN-1223
The properties of three cast polyester resins of Sierracin 212, 212A, and 250A	Kline, G M	23-Apr-51	19930086554	NACA-RM-51B23
Experimental investigation of forced-convection heat-transfer characteristics of lead-bismuth eutectic	Lubarsky, Bernard	20-Sep-51	19930086755	NACA-RM-E51G02
Cooperative investigation of relationship between static and fatigue properties of wrought N-155 alloy at elevated temperatures		1-Apr-55	19930084088	NACA-TN-3216
Force, moment, and pressure characteristics of several annular nose inlets at Mach number 3.85	Conners, James F; Woollett, Richard R	3-Feb-54	19930089096	NACA-RM-E53J09
Use of shock-trap bleed to improve pressure recovery of fixed-and variable-capture-area internal-contraction inlets; Mach number 2.0 to 3.0	Luidens, Roger W; Flaherty, Richard J	14-Aug-58	19930090035	NACA-RM-E58D24
Attempts to deform existing oils by processing	Mcbain, J W; Robinson, J V; Woods, W W; Abrams, I M	1-Apr-49	19930082505	NACA-TN-1845
Investigation of a 0.6 hub-tip radius-ratio transonic turbine designed for secondary-flow study I : design and experimental performance of standard turbine	Rohlik, Harold E; Wintucky, William T; Scibbe, Herbert W	9-Jan-57	19930089493	NACA-RM-E56J16
High-Speed Wind-Tunnel Investigation of the Lateral Control Characteristics of Plain Ailerons on a Wing with Various Amounts of Sweep	Luoma, Arvo A.; Bielat, Ralph P.; Whitcomb, Richard T.	19-Dec-47	19930085747	NACA-RM-L7I15
An investigation of aircraft heaters XXXIII : experimental determination of thermal and hydrodynamical behavior of air flowing along finned plates	Boelter, L M K; Leasure, R; Romie, F E	1-Mar-50	19930082745	NACA-TN-2072
Ditching investigations of dynamic models and effects of design parameters on ditching characteristics	Fisher, Lloyd J; Hoffman, Edward L	1-Feb-57	19930084646	NACA-TN-3946
Flutter experiences with thin pointed-tip wings during flight tests of rocket-propelled models at Mach numbers from 0.8 to 1.95	Wallskog, Harvey A	4-Apr-55	19930088664	NACA-RM-L55A14
Altitude-chamber performance of British Roll-Royce Nene II engine IV : effect of operational variables on temperature distribution at combustion-chamber outlets	Huntley, Sidney C	3-Jul-50	19930086279	NACA-RM-E50B10

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Determination by the free-fall method of the longitudinal stability and control characteristics of a 1/4-scale model of the Bell XS-1 airplane at transonic speeds	Matthews, James T; Mathews, Charles W	9-Nov-48	19930085511	NACA-RM-L8G29a
Drop burning rates of hydrocarbon and nonhydrocarbon fuels	Smith, Arthur L; Graves, Charles C	6-Aug-57	19930089782	NACA-RM-E57F11
Comparison of two- and three-dimensional potential-flow solutions in a rotating impeller passage	Ellis, Gaylord O; Stanitz, John D	1-Oct-52	19930083533	NACA-TN-2806
On supersonic and partially supersonic flows	Bergman, Stefan	1-Dec-46	19930081720	NACA-TN-1096
Experimental investigation of the mixing loss behind the trailing edge of a cascade of three 90 degree supersonic turning passages	Liccini, Luke L	15-Aug-50	19930086230	NACA-RM-L50F21a
The use of metallic inhibitors for eliminating mass transfer and corrosion in nickel and nickel alloys by molten sodium hydroxide	Forestieri, Americo F; Lad, Robert A	1-Feb-55	19930088558	NACA-RM-E54L13
An investigation of a high-aspect-ratio wing having 0.20-chord plain ailerons in the Langley 8-foot high-speed tunnel	Luoma, Arvo A	28-Aug-46	19930085648	NACA-RM-L6H28d
Turbulent flow through porous resistances slightly inclined to the flow direction	Loeffler, Albert L , Jr; Perlmutter, Morris	1-Feb-58	19930085144	NACA-TN-4221
Method of estimating the stick-fixed longitudinal stability of wing-fuselage configurations having unswept or swept wings	Mclaughlin, Milton D	22-Jan-52	19930086765	NACA-RM-L51J23
The effect of air-jet and strip modifications on the hydrodynamic characteristics of the streamline fuselage of a transonic airplane	Weinflash, Bernard; Christopher, Kenneth W; Shuford, Charles L , Jr	3-Jun-49	19930085900	NACA-RM-L9D20
Operational problems of manned orbital vehicles	Drake, Hubert M; Bellman, Donald R; Walker, Joseph A	21-Jul-58	19930090192	NACA-RM-H58D21
Comparison of performance of two aerodynamically similar 14-inch-diameter single-stage compressor rotors of different chord length	Kussoy, Marvin I; Bachkin, Daniel	10-Feb-58	19930089846	NACA-RM-E57I03
One-dimensional analysis of choked-flow turbines	English, Robert E; Cavicchi, Richard H	1-Oct-52	19930083549	NACA-TN-2810
A theoretical investigation of the short-period dynamic longitudinal stability of airplane configurations having elastic wings of 0 degree to 60 degrees sweepback	Mclaughlin, Milton D	1-Dec-54	19930083954	NACA-TN-3251
A study of the impact behavior of high-temperature materials	Probst, H B; Mchenry, Howard T	1-Mar-57	19930084755	NACA-TN-3894
Amplitude of supersonic diffuser flow pulsations	Sterbentz, William H; Davids, Joseph	1-Oct-55	19930084360	NACA-TN-3572
Variation of hydrodynamic impact loads with flight-path angle for a prismatic float at 12 degree trim and with a 22-1/2 degree angle of dead rise	Batterson, Sidney A	1-Feb-46	19930093049	NACA-WR-L-68, NACA-RB-L5K21A
Effect of a pilot's canopy on the drag of an NACA RM-2 drag research model in flight at transonic and supersonic speeds	Purser, Paul E	20-Apr-48	19930085916	NACA-RM-L7L22
The use of perforated inlets for efficient supersonic diffusion	Evvard, John C; Blakey, John W	1-Sep-56	19930084459	NACA-TN-3767
Analytical investigation of multistage-turbine efficiency characteristics in terms of work and speed requirements	Stewart, Warner L	18-Feb-58	19930090016	NACA-RM-E57K22b
Starting and operating limits of two supersonic wind tunnels utilizing auxiliary air injection downstream of the test section	Hunczak, Henry R; Rousso, Morris D	1-Sep-54	19930084004	NACA-TN-3262

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Aerodynamic heat transfer to wing surfaces and wing leading edges	Bond, Aleck C; Feller, William V; Bland, William M , Jr	5-Jun-57	19930089836	NACA-RM-L57D22c
A summary of available knowledge concerning skin friction and heat transfer and its application to the design of high-speed missiles	Rubesin, Morris W; Varga, Steven A; Rumsey, Charles B	9-Nov-51	19930090290	NACA-RM-A51J25a
An experimental investigation at low speeds of the effects of lip shape on the drag and pressure recovery of a nose inlet in a body of revolution	Blackaby, James R; Watson, Earl C	1-Apr-54	19930083870	NACA-TN-3170
Static longitudinal and lateral stability characteristics at low speed of unswept-midwing models having wings with an aspect ratio of 2, 4, or 6	Wolhart, Walter D; Thomas, David F , Jr	1-May-56	19930084423	NACA-TN-3649
Some ground measurements of the forces applied by pilots to a side-located aircraft controller	Brissenden, Roy F	1-Nov-57	19930085024	NACA-TN-4171
Exploratory wind-tunnel investigation at high subsonic and transonic speeds of jet flaps on unswept rectangular wings	Lockwood, Vernard E; Vogler, Raymond D	1-Aug-58	19930085172	NACA-TN-4353
Velocity distribution on wing sections of arbitrary shape in compressible potential flow III : circulatory flows obeying the simplified density-speed relation	Bers, Lipman	1-Mar-50	19930082729	NACA-TN-2056
Load distribution over a fuselage in combination with a swept wing at small angles of attack and transonic speeds	White, Maurice D; Look, Bonne C	27-Nov-51	19930086876	NACA-RM-A51H15
Low-lift drag and stability data from rocket models of a modified-delta-wing airplane with and without external stores at Mach numbers from 0.8 to 1.36	Mitcham, Grady L; Blanchard, Willard S	26-Mar-53	19930087519	NACA-RM-L53A27
Wind-tunnel investigation of transonic aileron flutter of a semispan wing model with an NACA 23013 section	Perone, Angelo; Erickson, Albert L	12-Jul-48	19930085461	NACA-RM-A8D27
Afterburner performance with combustion-chamber lengths from 10 to 62 inches at several afterburner-inlet temperatures	Ciepluch, Carl C; Velie, Wallace W; Burley, Richard R	1-Feb-56	19930088959	NACA-RM-E55K09
A lifting-surface-theory solution and tests of an elliptic tail surface of aspect ratio 3 with a 0.5-chord 0.85-span elevator	Swanson, Robert S; Crandall, Stewart M; Miller, Sadie	1-May-47	19930081884	NACA-TN-1275
Altitude performance investigation of two flame-holder and fuel-system configurations in short afterburner	Huntley, S C; Wilsted, H D	6-May-52	19930087068	NACA-RM-E52B25
A method for stabilizing shock waves in channel flow by means of a surge chamber	Neice, Stanford E	1-Jun-53	19930083995	NACA-TN-2694
Further investigation of fatigue-crack propagation in aluminum-alloy box beams	Hardrath, Herbert F; Leybold, Herbert A	1-Jun-58	19930085217	NACA-TN-4246
An analysis of the airspeeds and normal accelerations of Boeing B-247 and B-247D airplanes in commercial transport operation	Walker, Walter G; Hadlock, Ivan K	1-Dec-48	19930082455	NACA-TN-1783
Secondary flows in annular cascades and effects on flow in inlet guide vanes	Lieblein, Seymour; Ackley, Richard H	24-Aug-51	19930086675	NACA-RM-E51G27
An analog study of the influence of internal modifications to a wing leading edge on its transient temperature rise during high-speed flight	Neel, Carr B	17-Mar-58	19930090131	NACA-RM-A57K21
The static longitudinal characteristics at Mach numbers up to 0.95 of a triangular-wing canard model having a triangular control	Stephenson, Jack D; Selan, Ralph	3-Dec-51	19930087002	NACA-RM-A51I07

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Effect of fuel additives on carbon deposition in a J33 single combustor III : five organo-metallic additives	Jonash, Edmund R; Cook, William P	8-Sep-55	19930088895	NACA-RM-E55F30a
An experimental investigation of boundary interference on force and moment characteristics of lifting models in the Langley 16- and 8-foot transonic tunnels	Whitcomb, Charles F; Osborne, Robert S	24-Feb-53	19930087456	NACA-RM-L52L29
Free-flight tests of three 1/9-scale models of the wing-ram-jet configuration of the Grumman XSSM-N-6A (Rigel) missile to investigate the possibility of flutter : TED No. NACA DE 223	O'Kelly, Burke R; Lauten, William T , Jr	14-Apr-53	19930087567	NACA-RM-SL53D15
Investigation at supersonic speed (M = 1.53) of the pressure distribution over a 63 degrees swept airfoil of biconvex section at zero lift	Boyd, John W; Frick, Charles W	10-Jun-48	19930085341	NACA-RM-A8C22
Flight and wind-tunnel investigation to determine the aileron-vibration characteristics of 1/4-scale wing panels of the Douglas D-558-2 research airplane	Angle, Ellwyn E; Lundstrom, Reginald R	30-Nov-48	19930085541	NACA-RM-L8H09
Measurement of the effect of an axial magnetic field on the Reynolds number of transition in mercury flowing through a glass tube	Bader, Michel; Carlson, William C A	1-May-58	19930085052	NACA-TN-4274
Approximate analysis of effects of large deflections and initial twist on torsional stiffness of a cantilever plate subjected to thermal stresses	Heldenfels, Richard R; Vosteen, Louis F	1-Aug-57	19930084978	NACA-TN-4067
Results of an experimental investigation of small viscous dampers	Silveira, Milton A; Maglieri, Domenic J; Brooks, George W	1-Jun-58	19930085256	NACA-TN-4257
Propeller section aerodynamic characteristics as determined by measuring the section surface pressures on an NACA 10-(3)(08)-03 propeller under operating conditions	Evans, Albert J	8-Nov-50	19930086349	NACA-RM-L50H03
Preliminary evaluation of the performance of a uniflow two-stroke-cycle spark-ignition engine combined with a blowdown turbine and a steady-flow turbine	Sather, Bernard I; Foster, Hampton H	25-Nov-47	19930085658	NACA-RM-E7D29
Effect of high-lift devices on the longitudinal and lateral characteristics of a 45 degrees sweptback wing with symmetrical circular-arc sections	Guryansky, Eugene R; Lipson, Stanley	1-Oct-48	19930085369	NACA-RM-L8D06
Time histories of the aerodynamic loads on the vertical and horizontal tail surfaces of a jet-powered bomber airplane during sideslip maneuvers at approximately 20,000 feet	Cooney, T V; Mcgowan, William A	14-Mar-51	19930086567	NACA-RM-L51A08
Comparative strengths of some adhesive-adhered systems	Delollis, N J; Rucker, Nancy; Wier, John E	1-Mar-49	19930082535	NACA-TN-1863
Flight calibration of four airspeed systems on a swept-wing airplane at Mach numbers up to 1.04 by the NACA radar-phototheodolite method	Thompson, Jim Rogers; Bray, Richard S; Cooper, George E	1-Nov-55	19930084223	NACA-TN-3526
Experimental investigation of the aerodynamic characteristics of a ballistic-type missile	Neice, Stanford E	23-Apr-54	19930088169	NACA-RM-A54C04
Static longitudinal and lateral stability and control characteristics of an airplane configuration having a wing of trapezoidal plan form with various tail airfoil sections and tail arrangements at a Mach number of 6.86	Penland, Jim A; Fetterman, David E , Jr; Ridyard, Herbert W	15-Aug-55	19930088808	NACA-RM-L55F17

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Comparison of measured efficiencies of nine turbine designs with efficiencies predicted by two empirical methods	English, Robert E; Cavicchi, Richard H	20-Aug-51	19930090345	NACA-RM-E51F13
Investigation of the I-40 jet-propulsion engine in the Cleveland altitude wind tunnel V : operational characteristics	Golladay, Richard L; Gendler, Stanley L	25-Aug-48	19930085427	NACA-RM-E8G02d
Theoretical calculations of the supersonic pressure distribution and wave drag for a limited family of tapered sweptback wings with symmetrical parabolic-arc sections at zero lift	Kainer, Julian H	1-Jan-50	19930082671	NACA-TN-2009
Effect of airplane configuration on static stability at subsonic and transonic speeds	Polhamus, Edward C; Hallissy, Joseph M , Jr	1-May-56	19930089302	NACA-RM-L56A09a
Criteria for condensation-free flow in supersonic tunnels	Burgess, Warren C; Seashore, Ferris L	16-Jun-49	19930093798	NACA-RM-E9E02
System analyses and autopilot design for automatic roll stabilization of a supersonic pilotless aircraft	Zarovsky, Jacob	11-Jul-51	19930090535	NACA-RM-L51E07
Altitude-wind-tunnel investigation of several afterburner configurations having moderately high burner-inlet velocities	Schulze, F W; Bloomer, H E; Miller, R R	17-Nov-54	19930088389	NACA-RM-E54G22
Two-dimensional subsonic flow past elliptic cylinder by the variational method	Rao, G V R	1-Mar-52	19930083760	NACA-TN-2666
Low-speed characteristics of a wing having 63 degrees sweepback and uniform camber	Rose, Leonard M	26-Jun-51	19930086630	NACA-RM-A51D25
Static longitudinal characteristics at high subsonic speeds of a complete airplane model with a highly tapered wing having the 0.80 chord line unswept and with several tail configurations	Goodson, Kenneth W	10-Jan-57	19930089465	NACA-RM-L56J03
Pressure distribution and damping in steady pitch at supersonic Mach numbers of flat swept-back wings having all edges subsonic	Walker, Harold J; Ballantyne, Mary B	1-Oct-50	19930082846	NACA-TN-2197
Flight determination of the pressure recovery and drag characteristics of a twin side-inlet model at transonic speeds	Carter, Howard S; Merlet, Charles F	30-Jul-53	19930087578	NACA-RM-L53E05
Investigation of local heat-transfer and pressure drag characteristics of a yawed circular cylinder at supersonic speeds	Goodwin, Glen; Creager, Marcus O; Winkler, Ernest L	24-Jan-56	19930088843	NACA-RM-A55H31
Supersonic nozzle design	Crown, J Conrad	1-Jun-48	19930082268	NACA-TN-1651
Characteristics of a hydraulic control determined from transient data obtained with a turbojet engine at altitude	Vasu, George; Hinde, William L; Craig, R T	16-Jun-54	19930089073	NACA-RM-E53D02
Investigation of an NACA submerged inlet at Mach numbers from 1.17 to 1.99	Anderson, Warren E; Frazer, Alson C	15-Sep-52	19930087138	NACA-RM-A52F17
Analog computer study of some filtering, command-computer, and automatic-pilot problems connected with the attack phase of the automatically controlled supersonic interceptor	Sherman, Windsor L	3-Oct-57	19930089813	NACA-RM-L57G23
Chordwise pressure distributions on a 12-foot-span wing of NACA 66-series airfoil sections up to a mach number of 0.60	Wall, Nancy E	1-Oct-48	19930082337	NACA-TN-1696

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Effect of water vapor on combustion of magnesium hydrocarbon slurry fuels in small-scale afterburner	Tower, Leonard K	22-Oct-52	19930087264	NACA-RM-E52H25
Effect of high shear rate on erosion of common bearing metals	Strang, Charles D; Clark, Thomas P	1-Jun-49	19930082564	NACA-TN-1887
Factors Affecting Lateral Stability and Controllability	Campbell, John P; Toll, Thomas A	13-May-48	19930085353	NACA-RM-L8A28a
Effect of design over-all compressor pressure ratio division on acceleration characteristics of three hypothetical two-spool turbojet engines	Filippi, Richard E; Dugan, James F , Jr	20-Aug-56	19930089335	NACA-RM-E56D13
Investigation of a flow deflector and an auxiliary scoop for improving off-design performance of nose inlets	Anderson, Warren E; Scherrer, Richard	20-Jul-54	19930088237	NACA-RM-A54E06
Investigation of 70 percent trimethyl borate 30 percent methyl alcohol fuel mixture in a single J33 combustor and in a J33 turbojet engine	Schafer, Louis J , Jr; Hickel, Robert O	23-Jan-57	19930087719	NACA-RM-E53C24
Experimental investigation of interference effects of lateral-support struts on afterbody pressures at Mach 1.9	Klann, John L; Huff, Ronald G	14-May-56	19930089127	NACA-RM-E56C16
Effect of inlet-air temperature on performance of a 16-inch ram-jet combustor	Cervenka, A J; Dangle, E E; Friedman, Robert	29-Oct-53	19930088051	NACA-RM-E53I03
Flight measurements of lift and drag for the Bell X-1 research airplane having a 10-percent-thick wing	Saltzman, Edwin J	3-Sep-53	19930087731	NACA-RM-L53F08
The effect of mass distribution on the low-speed dynamic lateral stability and control characteristics of a model with a 60 degree triangular wing	Johnson, Joseph L	9-Mar-51	19930086513	NACA-RM-L50K10
Investigation of a missile airframe with control surfaces consisting of projecting quadrants of the nose cone	Lazzeroni, Frank A	15-Mar-53	19930087990	NACA-RM-A53L21
Wind-tunnel investigation of the effect of power and flaps on the static lateral stability and control characteristics of a single-engine high-wing airplane model	Hagerman, John R	1-Jul-47	19930082015	NACA-TN-1379
Investigation of suction-slot shapes for controlling a turbulent boundary layer	Pierpont, P Kenneth	1-Jun-47	19930081911	NACA-TN-1292
An analysis of the effect of several parameters on the stability of an air-lubricated hydrostatic thrust bearing	Roudebush, William H	1-Oct-57	19930084815	NACA-TN-4095
Flow of a compressible fluid past a symmetrical airfoil in a wind tunnel and in free air	Emmons, Howard W	1-Nov-48	19930082372	NACA-TN-1746
Preliminary investigation of dynamic lateral stability characteristics of a configuration of the North American X-15 research airplane	Moul, Martin T	8-Feb-57	19930089668	NACA-RM-L56L27
Investigation of downwash and wake characteristics at a Mach number of 1.53 II : triangular wing	Perkins, Edward W; Canning, Thomas N	6-Jun-49	19930085892	NACA-RM-A9D20
Low-speed investigation of the effects of location of a delta horizontal tail on the longitudinal stability and control of a fuselage and thin delta wing with double slotted flaps including the effects of a ground board	Riebe, John M; Graven, Jean C , Jr	15-Oct-53	19930087707	NACA-RM-L53H19a
Free-flight tests of 1/11-scale McDonnell XF3H-1 airplane wings to measure wing damping of the first bending mode and to investigate the possibility of flutter in the transonic speed range : TED No. NACA DE 207	O'Kelly, Burke R; Lundstrom, Reginald R; Lauten, William T , Jr	30-Mar-54	19930088347	NACA-RM-SL54C22

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Flight investigation of the effects of horizontal-tail height, moment of inertia, and control effectiveness on the pitch-up characteristics of a 35 degree swept-wing fighter airplane at high subsonic speeds	Mcfadden, Norman M; Heinle, Donovan R	18-Jan-54	19930088281	NACA-RM-A54F21
Investigation at transonic speeds of deflectors and spoilers as gust alleviators on a 35 degree swept wing transonic bump method	Croom, Delwin R; Huffman, Jarrett K	1-Jun-57	19930084918	NACA-TN-4006
The theory of diffusion in strained systems	Girifalco, Louis A; Grimes, Hubert H	1-Sep-58	19930085264	NACA-TN-4408
Experimental investigation of moving pressure disturbances and shock waves and correlation with one-dimensional unsteady-flow theory	Huber, Paul W; Fitton, Cliff E , Jr; Delpino, F	1-Jul-49	19930082601	NACA-TN-1903
Drag at model trim lift of a 1/15-scale Convair B-58 supersonic bomber	Hopko, Russell N; Kinard, William H	13-Jul-56	19930090112	NACA-RM-SL56G23
Effect of combustion gas properties on turbojet-engine performance with hydrogen as fuel	English, Robert E	10-Apr-56	19930088943	NACA-RM-E55J17a
Investigation of the effect of a tip modification and thermal de-icing air flow on propeller performance	Corson, Blake W; Maynard, Julian D	1-Jul-46	19930081777	NACA-TN-1111
A transonic wing investigation in the Langley 8-foot high-speed tunnel at high subsonic Mach numbers and at a Mach number of 1.2 : wing-fuselage configuration having a wing of 35 degrees sweepback, aspect ratio 4, taper ratio 0.6, and NACA 65A006	Henry, Beverly Z , Jr	15-Nov-50	19930086548	NACA-RM-L50J09
Wind tunnel investigation at low speed of a twisted and cambered wing swept back 63 degrees with vortex generators and fences	Weiberg, James A; Mccullough, George B	25-Mar-52	19930086870	NACA-RM-A52A17
Charts for the determination of supersonic air flow against inclined planes and axially symmetric cones	Moeckel, W E; Connors, J F	1-Jul-47	19930082009	NACA-TN-1373
Free-spinning-tunnel investigation to determine the effect of two nose designs on spin and recovery characteristics of a 1/20-scale model of the McDonnell XF3H-1 airplane : TED No. NACA DE 343	Wilson, Jack H	17-Aug-51	19930086860	NACA-RM-SL51H21
A condition on the initial shock	Theodorsen, Theodore	1-Mar-46	19930081939	NACA-TN-1029
An analysis of the factors affecting the state of fuel and air mixtures	Gilbert, Mitchell; Howard, John N; Hicks, Bruce L	1-May-46	19930081686	NACA-TN-1078
The effect of initial rate of subsonic diffusion on the stable subcritical mass-flow range of a conical shock diffuser	Nettles, J C	22-Jul-53	19930087615	NACA-RM-E53E26
Effect of fuel immersion on laminated plastics	Crouse, W A; Carickhoff, Margie; Fisher, Margaret A	1-Jun-51	19930083108	NACA-TN-2377
The aerodynamic forces and moments on a 1/10-scale model of a fighter airplane in spinning attitudes as measured on a rotary balance in the Langley 20-foot free-spinning tunnel	Stone, Ralph W , Jr; Burk, Sanger M , Jr; Bihrlle, William, Jr	1-Sep-50	19930082832	NACA-TN-2181
The stability under longitudinal compression of flat symmetric corrugated-core sandwich plates with simply supported loaded edges and simply supported or clamped unloaded edges	Seide, Paul	1-Apr-52	19930083854	NACA-TN-2679

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Investigation of some wake vortex characteristics of an inclined ogive-cylinder body at Mach number 1.98	Jorgensen, Leland H; Perkins, Edward W	23-Aug-55	19930088781	NACA-RM-A55E31
Investigation of a cermet gas-turbine-blade material of titanium carbide infiltrated with Hastalloy C	Hoffman, Charles A	24-Jan-55	19930089035	NACA-RM-E55H12
Investigation of vanes immersed in the jet of a solid-fuel rocket motor	Giladett, Leo V; Wineman, Andrew R	10-Sep-52	19930087161	NACA-RM-L52F12
Method for determining pressure drop of monatomic gases flowing in turbulent motion through constant-area passages with simultaneous friction and heat addition	Valerino, Michael F; Doyle, Ronald B	1-Apr-51	19930083012	NACA-TN-2328
A study of liquid boric oxide particle growth rates in a gas stream from a simulated jet engine combustor	Setze, Paul C	30-Apr-57	19930088924	NACA-RM-E55I20a
Distribution of fissionable material in thermal reactors of spherical geometry for uniform power generation	Mccready, Robert R; Spooner, Robert B; Valerino, Michael F	1-Jun-52	19930087052	NACA-RM-E52C11
Performance of mixed-flow impeller, model MFI-1B, with diffuser vanes at equivalent impeller speeds from 1100 to 1700 feet per second	Osborn, Walter M	16-Jun-54	19930088262	NACA-RM-E54D23
Collection and summary of flap-type-aileron rolling-effectiveness data at zero lift as determined by rocket-powered model tests at Mach numbers between 0.6 and 1.6	Strass, H Kurt; Stephens, Emily W; Fields, E M; Schult, Eugene D	2-Sep-55	19930088800	NACA-RM-L55F14
Free-jet tests of a 1.1-inch-diameter supersonic ram-jet engine	Judd, Joseph H; Trout, Otto F , Jr	1-Feb-57	19930084796	NACA-TN-3906
A simplified method for elastic stability analysis for thin cylindrical shells II : modified equilibrium equation	Batdorf, S B	1-Jun-47	19930082162	NACA-TN-1342
Cylinder-head temperatures and coolant heat rejections of a multicylinder, liquid-cooled engine of 1710-cubic-inch displacement	Povolny, John H; Chelko, Louis J	1-Jun-48	19930082254	NACA-TN-1606
Wind-tunnel investigation of the opening characteristics, drag, and stability of several hemispherical parachutes	Scher, Stanley H; Gale, Lawrence J	1-Apr-49	19930082545	NACA-TN-1869
Effect of some selected heat treatments on the operating life of cast HS-21 turbine blades	Clauss, Francis J; Garrett, Floyd B; Weeton, John W	1-Jul-55	19930084204	NACA-TN-3512
Loads due to flaps and spoilers on sweptback wings at subsonic and transonic speeds	Hammond, Alexander D; West, F E , Jr	22-Jun-53	19930087534	NACA-RM-L53D29a
Tests in the Ames 40- by 80-foot wind tunnel of an airplane configuration with an aspect ratio 4 triangular wing and an all-movable horizontal tail - longitudinal characteristics	Graham, David; Koenig, David G	16-Oct-51	19930086836	NACA-RM-A51H10a
Experimental investigation of an axial-flow supersonic compressor having rounded leading-edge blades with an 8-percent mean thickness-chord ratio	Goldberg, Theodore J; Boxer, Emanuel; Bernot, Peter T	11-Dec-53	19930087679	NACA-RM-L53G16
The Langley two-dimensional low-turbulence pressure tunnel	Von Doenhoff, Albert E; Abbott, Frank T	1-May-47	19930081899	NACA-TN-1283
A review of information on the mechanical properties of aluminum alloys at low temperatures	Bogardus, K O; Stickley, G W; Howell, F M	1-May-50	19930082792	NACA-TN-2082

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Formulas for additional mass corrections to the moments of inertia of airplanes	Malvestuto, Frank S; Gale, Lawrence J	1-Feb-47	19930082122	NACA-TN-1187
Investigation of a high-pressure-ratio eight-stage axial-flow research compressor with two transonic inlet stages VI : over-all performance, rotating stall, and blade vibration at low and intermediate compressor speeds	Standahar, Raymond M; Hanson, Morgan P; Geye, Richard P	1-Nov-55	19930088862	NACA-RM-E55I13
A semiempirical procedure for computing the water-pressure distribution on flat and v-bottom prismatic surfaces during impact or planing	Smiley, Robert F	1-Dec-51	19930083405	NACA-TN-2583
Transonic wind-tunnel investigation of the effects of aspect ratio, spanwise variations in section thickness ratio, and a body indentation on the aerodynamic characteristics of a 45 degree sweptback wing-body combination	Carmel, Melvin M	27-Jan-53	19930087471	NACA-RM-L52L26b
Preliminary study of airplane configurations having tail surfaces outboard of the wing tips	Sleeman, William C , Jr	24-Mar-58	19930090078	NACA-RM-L58B06
An investigation of aircraft heaters XXIX : comparison of several methods of calculating heat losses from airfoils	Boelter, L M K; Grossman, L M; Martinelli, R C; Morrin, E H	1-Oct-48	19930082086	NACA-TN-1453
An investigation of several NACA 1-series nose inlets with and without protruding central bodies at high-subsonic Mach numbers and at a Mach number of 1.2	Pendley, Robert E; Robinson, Harold L	1-May-55	19930084317	NACA-TN-3436
An experimental study of the turbulent boundary layer on a shock-tube wall	Gooderum, Paul B	1-Jun-58	19930085207	NACA-TN-4243
Study of compressor systems for a gas-generator engine	Sather, Bernard I; Tauschek, Max J	13-Apr-49	19930085924	NACA-RM-E9A28
Axially symmetric shapes with minimum wave drag	Heaslet, Max A; Fuller, Franklyn, B	1-Feb-55	19930084084	NACA-TN-3389
Performance of experimental turbojet-engine combustor I : performance of a one-eighth segment of an experimental turbojet-engine combustor	Hill, Francis U; Mark, Herman	21-Apr-48	19930085743	NACA-RM-E7J13
Flight Calibration of four airspeed systems on a swept-wing airplane at Mach numbers up to 1.04 by the NACA radar-phototheodolite method	Thompson, Jim Rogers; Bray, Richard S; COOPER GEORGE E	27-Oct-50	19930090286	NACA-RM-A50H24
Longitudinal stability and control characteristics of a semispan airplane model with a sweptback wing and tail from tests at transonic speeds by the NACA wing-flow method	Sawyer, Richard H; Lina, Lindsay J	23-Jul-48	19930085337	NACA-RM-L8B19
Aerodynamic characteristics of tapered wings having aspect ratios of 4, 6, and 8, quarter-chord lines swept back 45 degrees, and NACA 63(sub 1)A012 airfoil sections : transonic-bump method	Polhamus, Edward C; King, Thomas J , Jr	13-Jun-51	19930086563	NACA-RM-L51C26
Force and pressure recovery characteristics at supersonic speeds of a conical spike inlet with a bypass discharging from the top or bottom of the diffuser in an axial direction	Allen, J L; Beke, Andrew	23-Mar-53	19930087574	NACA-RM-E53A29
Oxidation characteristics of molybdenum disulfide and effect of such oxidation on its role as a solid-film lubricant	Godfrey, Douglas; Nelson, Erva C	1-May-49	19930082560	NACA-TN-1882
Rocket engine starting with mixed oxides of nitrogen liquid ammonia by flow-line additives	Kinney, George R; Humphrey, Jack C; Hennings, Glen	1-Jan-53	19930087715	NACA-RM-E53F05

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The synthesis of butylsilanes by a large-scale reduction with lithium aluminum hydride	Kaye, Samuel; Tannenbaum, Stanley; Hipsher, Harold F	22-Jul-53	19930087703	NACA-RM-E53F03
Zero-lift drag of the Chance Vought Regulus II missile at Mach numbers between 0.8 and 2.2 as determined from the flight tests of two 0.12-scale models : TED No. NACA AD 398	Church, James D	27-Jul-54	19930088343	NACA-RM-SL54H02
Effect of exhaust pressure on the performance of a 12-cylinder liquid-cooled engine	Desmon, Leland G; Doyle, Ronald B	1-Jul-47	19930082005	NACA-TN-1367
Some effects of fin leading-edge shape on aerodynamic heating at Mach number 2.0 at a stagnation temperature of about 2,600 R	Bland, William M , Jr	9-Jan-58	19930089939	NACA-RM-L57K12
Pressure distribution at low speed on a model incorporating a W wing with aspect ratio 6, 45 degrees sweep, taper ratio 0.6, and an NACA 65A009 airfoil section	Polhamus, Edward C; Few, Albert G , Jr	7-Aug-52	19930087157	NACA-RM-L52F11
Propeller-efficiency charts for light airplanes	Crigler, John L; Jaquis, Robert E	1-Jul-47	19930082158	NACA-TN-1338
Determination of elastic stresses in gas-turbine disks	Manson, S S	1-Jan-47	19930081895	NACA-TN-1279
Low-Speed Wind-Tunnel Tests of a Pilotless Aircraft Having Horizontal and Vertical Wings and Cruciform Tail	Mastrocola, N; Assadourian, A	19-Aug-47	19930085739	NACA-RM-L6J18a
A study of piston-ring friction	Livengood, James C; Wallour, Chapin	1-Apr-47	19930082001	NACA-TN-1249
Altitude cooling investigation of the R-2800-21 engine in the P-47G airplane II : investigation of the engine & airplane variables affecting the cylinder temperature distribution	Pesman, Gerard J; Kaufman, Samuel J	9-Oct-46	19930084306	NACA-RM-E6I05
A self-balancing line-reversal Pyrometer	Buchele, Donald	1-Aug-56	19930084852	NACA-TN-3656
On possible similarity solutions for three-dimensional incompressible laminar boundary layers III : similarity with respect to stationary polar coordinates for small angle variation	Herzig, Howard Z; Hansen, Arthur G	1-Jan-57	19930084746	NACA-TN-3890
Effects of sweep and thickness on the static longitudinal aerodynamic characteristics of a series of thin, low-aspect-ratio, highly tapered wings at transonic speeds : transonic-bump method	Fournier, Paul G; Few, Albert G , Jr	8-Apr-54	19930093723	NACA-RM-L54B25
A study of the zero-lift drag-rise characteristics of wing-body combinations near the speed of sound	Whitcomb, Richard T	3-Sep-52	19930087283	NACA-RM-L52H08
Theoretical relations between the stability derivatives of a wing in direct and in reverse supersonic flow	Harmon, Sidney M	1-Sep-49	19930082616	NACA-TN-1943
Compressive strength of 24S-T aluminum-alloy flat panels with longitudinal formed hat-section stiffeners having four ratios of stiffener thickness to skin thickness	Hickman, William A; Dow, Norris F	1-Mar-48	19930082356	NACA-TN-1553
The proper combination of lift loading for least drag on a supersonic wing	Grant, Frederick C	1-Oct-55	19930084242	NACA-TN-3533

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Experimental performance of liquid fluorine-liquid ammonia propellant combination in 1000-pound-thrust rocket engines	Douglass, Howard W	13-May-54	19930088188	NACA-RM-E54C17
Wing pressure distributions over the lift range of the Convair XF-92A delta-wing airplane at subsonic and transonic speeds	Keeener, Earl R; Jordan, Gareth H	30-Nov-55	19930088827	NACA-RM-H55G07
Characteristics of thin triangular wings with constant-chord partial-span control surfaces at supersonic speeds	Tucker, Warren A; Nelson, Robert L	1-Jul-48	19930083118	NACA-TN-1660
Section characteristics of a 10.5-percent-thick airfoil with area suction as affected by chordwise distribution of permeability	Dannenberg, Robert E; Weiberg, James A	1-Dec-52	19930083611	NACA-TN-2847
Theoretical analysis of the rolling motions of aircraft using a flicker-type automatic roll stabilization system having a displacement-plus-rate response	Curfman, Howard J , Jr	12-Jan-49	19930085813	NACA-RM-L8K23a
Preliminary results from flight measurements in gradual-turn maneuvers of the wing loads and the distribution of load among the components of a Boeing B-47A airplane	Coney, T V; Andrews, William H; McGowan, William A	27-Jun-55	19930088594	NACA-RM-L55B02
Experimental investigation of distortion removal characteristics of several free-wheeling fans	Valentine, Harold H; Beale, William T	7-Jan-58	19930090301	NACA-RM-E57I12
Laboratory Investigation of Ice Formation and Elimination in the Induction System of a Large Twin-Engine Cargo Aircraft	Colis, William D	1-Sep-47	19930082173	NACA-TN-1427
An experimental investigation of an NACA 631-012 airfoil section with leading-edge suction slots	Mccullough, George B; Gault, Donald E	1-Aug-48	19930082321	NACA-TN-1683
Automatic control systems satisfying certain general criterions on transient behavior	Boksenbom, Aaron S; Hood, Richard	1-Jun-51	19930083299	NACA-TN-2378
Review of literature pertinent to fire-extinguishing agents and to basic mechanisms involved in their action	Fryburg, George	1-May-50	19930082807	NACA-TN-2102
Transonic wind-tunnel investigation of the aerodynamic characteristics of a 60 degrees triangular wing in combination with a systematic series of three bodies	Kelly, Thomas C	6-Apr-53	19930087486	NACA-RM-L52L22a
Effect of environments of sodium hydroxide, air, and argon on the stress-rupture properties of nickel at 1500 F	Mchenry, Howard T; Probst, H B	1-Jan-58	19930084716	NACA-TN-3987
Rise of air bubbles in aircraft lubricating oils	Robinson, J V	1-Feb-50	19930082690	NACA-TN-2033
Full-scale investigation of boundary-layer control by suction through leading-edge slots on a wing-fuselage configuration having 47.5 degree leading-edge sweep with and without flaps	Pasamanick, Jerome; Sellers, Thomas B	5-Apr-50	19930086111	NACA-RM-L50B15
Investigation at high subsonic speeds of the static lateral and directional stability and tail-loads characteristics of a model having a highly tapered swept wing of aspect ratio 3 and two horizontal-tail positions	Few, Albert G , Jr	11-Sep-56	19930089393	NACA-RM-L56E29
Design and performance of experimental axial-discharge mixed-flow compressor I : impeller design theory	Goldstein, Arthur W	12-Aug-48	19930085411	NACA-RM-E8F04

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The NACA mixture analyzer and its application to mixture-distribution measurement in flight	Gerrish, Harold C; Meem, J Lawrence, Jr; Scadron, Marvin D; Colnar, Anthony	1-Mar-47	19930081945	NACA-TN-1238
Effect of divergence angle on the internal performance characteristics of several conical convergent-divergent nozzles.	Steffen, Fred W; Krull, H George; Schmiedlin, Ralph F	29-Nov-54	19930089328	NACA-RM-E54H25
A polar-coordinate survey method for determining jet-engine combustion-chamber performance	Friedman, Robert; Carlson, Edward R	1-Sep-55	19930084310	NACA-TN-3566
Effect of valve overlap and compression ratio on variation of measured performance with exhaust pressure of aircraft cylinder and on computed performance of compound power plant	Eian, Carroll S	1-Feb-50	19930082683	NACA-TN-2025
Turboprop-engine design considerations I : effect of mode of engine operation on performance of turboprop engine with current compressor pressure ratio	Davison, Elmer H	23-May-55	19930089321	NACA-RM-E54D19
Transport of radioactivity by liquid sodium in a stainless steel circulation system	Fieno, D; Bogart, D	2-Mar-55	19930088460	NACA-RM-E54K03
Flight tests of experimental beveled-trailing-edge Frise ailerons on a fighter airplane	Goranson, R Fabian	1-Jul-46	19930090566	NACA-TN-1085
Rocket-model investigation of the longitudinal stability and drag characteristics of a 1/10-scale model of the Convair XF2Y-1 airplane having open ducts and the elevons deflected upward 3.5 degrees : TED No. NACA DE 375	Welsh, Clement J; Bland, William M , Jr; Walters, Richard E	21-Jan-54	19930088088	NACA-RM-SL54A05
Some measurements of boiling burn-out	Lowdermilk, Warren H; Weiland, Walter F	23-Feb-55	19930088408	NACA-RM-E54K10
Wind-tunnel investigation at high subsonic speeds of spoilers of large projection on an NACA 65A006 wing with quarter-chord line swept back 32.6 degrees	Vogler, Raymond D	17-Jan-52	19930087916	NACA-RM-L51L10
Low-speed stability characteristics of a cambered-delta-wing model	Riebe, John M; Moseley, William C , Jr	8-Mar-56	19930089161	NACA-RM-L55L21a
Exploratory investigation of transpiration cooling to alleviate aerodynamic heating on an 8 degree cone in a free jet at a Mach number of 2.05	O'Sullivan, William J; Rumsey, Charles B; Chauvin, Leo T	14-Sep-53	19930087756	NACA-RM-L53H06
Use of a consolidated porous medium for measurement of flow rate and viscosity of gases at elevated pressures and temperatures	Biles, Martin B; Putnam, J A	1-Sep-52	19930083451	NACA-TN-2783
Experimental static aerodynamic forces and moments at high subsonic speeds on a missile model during simulated launching from the midsemispan location of a 45 degree sweptback wing-fuselage-pylon combination	Alford, William J; King, Thomas, Jr	10-Jan-57	19930093817	NACA-RM-L56J05
Effects of leading-edge devices and trailing-edge flaps on longitudinal characteristics of two 47.7 degree sweptback wings of aspect ratios 5.1 and 6.0 at a Reynolds number of 6.0×10^6	Salmi, Reino J	30-Aug-50	19930086222	NACA-RM-L50F20
An investigation of a supersonic aircraft configuration having a tapered wing with circular-arc section and 40 degree sweepback : a pressure-distribution study of the aerodynamic characteristics of the wing at Mach number 1.40	Smith, Norman F; Kainer, Julian H; Webster, Robert A	20-Apr-51	19930086614	NACA-RM-L51C06
Investigation of stress distribution in rectangular plates with longitudinal stiffeners under axial compression after buckling	Wang, Chi-Teh; Zukerberg, Harry	1-Mar-52	19930083779	NACA-TN-2671

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Preliminary evaluation of the wing leading edge as a missile-mounting location	Hill, P R; Hoffman, S	16-Jan-57	19930089484	NACA-RM-L56J12
Altitude investigation of thrust augmentation of a J47-GE-27 turbojet engine by injecting additional fuel immediately ahead of the turbine	Jansen, Emmert T; Renas, Paul E	5-Feb-54	19930088076	NACA-RM-E53L31
Time histories of horizontal-tail loads, elevator loads, and deformations on a jet-powered bomber airplane during abrupt pitching maneuvers at approximately 20,000 feet	Wiener, Bernard; Harris, Agnes E	29-Nov-50	19930093713	NACA-RM-L50J05a
Preliminary investigation of lithium hydride as a high-temperature internal coolant	Modisette, Jerry L	3-Oct-57	19930089717	NACA-RM-L57F12a
A phenomenological relation between stress, strain rate, and temperature for metals at elevated temperatures	Stowell, Elbridge Z	1-May-57	19930084856	NACA-TN-4000
Friction at high sliding velocities of surfaces lubricated with sulfur as an additive	Johnson, Robert L; Seikert, Max A; Bisson, Edmond E	1-Oct-48	19930082413	NACA-TN-1720
Exploratory tests of transpiration cooling on a porous 8 degree cone at M = 2.05 using nitrogen gas, helium gas, and water as the coolants	Chauvin, Leo T; Carter, Howard S	3-Jun-55	19930088633	NACA-RM-L55C29
Performance of a double-ramp side inlet with combinations of fuselage, ramp, and throat boundary-layer removal : Mach number range, 1.5 to 2.0	Simon, Paul C	22-Oct-56	19930089277	NACA-RM-E56G09a
Investigation at supersonic speeds of the wave drag of seven boattail bodies of revolution designed for minimum wave drag	Bromm, August F; Goodwin, Julia M	1-Dec-53	19930083735	NACA-TN-3054
Exploratory investigation of the effect of wing slots and leading-edge slats on the longitudinal stability characteristics of a 45 degree sweptback wing-fuselage configuration	Critzos, Chris C	8-Feb-57	19930089692	NACA-RM-L56L06
Impact-loads investigation of chine-immersed model having a circular-arc transverse shape	Edge, Philip M , Jr	1-Sep-57	19930084841	NACA-TN-4103
Aerodynamic design and over-all performance of first spool of a 24-inch two-spool transonic compressor	Hatch, James E; Bernatowicz, Daniel T	4-Mar-57	19930089640	NACA-RM-E56L07a
Effect of transverse shear and rotary inertia on the natural frequency of a uniform beam	Kruszewski, Edwin T	1-Jul-49	19930082587	NACA-TN-1909
Wing-tunnel investigation at Mach numbers from 0.50 to 1.29 of an all-movable triangular wing of aspect ratio 4 alone and with a body	Stivers, Louis S; Malick, Alexander W	2-Feb-50	19930086098	NACA-RM-A9L01
The effectiveness at high subsonic Mach numbers of a 20-percent-chord plain trailing-edge flap on the NACA 65-210 airfoil section	Stivers, Louis S , Jr	1-Mar-54	19930083917	NACA-TN-3127
Transonic flutter investigation of an all-moveable horizontal tail for a fighter airplane	Land, Norman S; Abbott, Rank T , Jr	14-Jan-57	19930090206	NACA-RM-L56G06
Investigation of altitude performance of AN-F-58 fuels in annular combustor of J34-WE-22 engine	Tischler, Adelbert O; Scull, Wilfred E	5-Dec-49	19930093771	NACA-RM-E9A31
Initial test in the transonic range of four flutter airfoils attached to a freely falling body	Barmby, J G; Clevenson, S A	5-May-47	19930085710	NACA-RM-L7B27

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Investigation of the effects of a nacelle on the aerodynamic characteristics of a swept wing and the effects of sweep on a wing alone	Hieser, Gerald; Whitcomb, Charles F	1-Oct-48	19930082398	NACA-TN-1709
Flight determination of the drag of conical-shock nose inlets with various cowling shapes and axial positions of the center body at Mach numbers from 0.8 to 2.0	Merlet, Charles, F; Putland, Leonard W	10-Sep-54	19930088384	NACA-RM-L54G21a
Some effects of sweep and thickness on the experimental downwash characteristics at transonic speeds of a series of highly tapered wings with an aspect ratio of 3 : transonic bump method	Few, Albert G , Jr	16-Feb-56	19930089030	NACA-RM-L55J12
Static longitudinal and lateral stability characteristics including effects of transonic area rule and wing modification of a 0.10-scale model of the Douglas A4D-1 airplane at transonic speeds : TED No. NACA AD 3114	Wornom, Dewey E; Bollech, Thomas V	17-Aug-56	19930089580	NACA-RM-SL56G19
Dislocation theory of the fatigue of metals	Machlin, E S	1-Jan-48	19930082146	NACA-TN-1489
Two-dimensional airfoil characteristics of four NACA 6A-series airfoils at transonic Mach numbers up to 1.25	Ladson, Charles L	6-Aug-57	19930093727	NACA-RM-L57F05
Variation in smoking tendency among low molecular weight hydrocarbons	Schalla, Rose L; Mcdonald, Glen E	15-Dec-52	19930087287	NACA-RM-E52I22
Method for determining the frequency-response characteristics of an element or system from the system transient output response to a known input function	Curfman, Howard J , Jr; Gardiner, Robert A	1-Oct-50	19930082620	NACA-TN-1964
Flight investigation of factors affecting pilots' ability to utilize a radarscope display of steering information	Faber, Stanley; Cheatham, Donald C; Champine, Robert A	23-Nov-56	19930089407	NACA-RM-L56E21
Tensile properties of Inconel X sheet under rapid-heating and constant-temperature conditions	Kurg, Ivo M	1-Aug-57	19930084966	NACA-TN-4065
Idealized wings and wing-bodies at a Mach number of 3	Katzen, Elliott D	1-Jul-58	19930085283	NACA-TN-4361
Use of short flat vanes for producing efficient wide-angle two-dimensional subsonic diffusers	Cochran, D L; Kline, S J	1-Sep-58	19930085086	NACA-TN-4309
Flight tests of two smoke-producing devices having Deacon rocket boosters	Lanford, Wade E	1-Jan-58	19930090165	NACA-RM-SL58E23
A transonic wind-tunnel investigation of the aerodynamic characteristics of three 4-percent-thick wings of sweepback angles 10.8 degrees, 35 degrees, and 47 degrees, aspect ratio 3.5, and taper ratio 0.2 in combination with a body	Bielat, Ralph P	15-Jul-52	19930087036	NACA-RM-L52B08
Wind-tunnel investigation of the low-speed stability and control characteristics of a model with a sweptback vee tail and a sweptback wing	Polhamus, Edward C	25-May-48	19930085787	NACA-RM-L7K13
Low-speed longitudinal and wake air-flow characteristics at a Reynolds number of 5.5 x 10(exp 6) of a circular-arc 52 degrees sweptback wing with a fuselage and a horizontal tail at various vertical positions	Foster, Gerald V; Griner, Roland F	19-Jun-51	19930086599	NACA-RM-L51C30
On the minimization of airplane responses to random gusts	Tobak, Murray	1-Oct-57	19930084098	NACA-TN-3290
A theoretical investigation of the dynamic lateral oscillatory stability of an airplane having a 60 degree triangular wing	Johnson, Joseph L	8-Mar-50	19930085844	NACA-RM-L9A04

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Some recent experimental data on three-dimensional oscillating air forces	Leadbetter, Sumner A; Clevenson, Sherman A	27-Jun-55	19930088738	NACA-RM-L55E09
Pressure distribution over a series of related afterbody shapes as affected by a propulsive jet at transonic speeds	Henry, Beverly Z , Jr; Cahn, Maurice S	22-Jan-57	19930089585	NACA-RM-L56K05
Summary and analysis of horizontal-tail contribution to longitudinal stability of swept-wing airplanes at low speeds	Neely, Robert H; Griner, Roland F	23-Aug-55	19930088715	NACA-RM-L55E23a
Planing characteristics of six surfaces representative of hydro-ski forms	Wadlin, Kenneth L; Mcgehee, John R	10-Feb-50	19930086256	NACA-RM-L9L20
Theoretical wave drags and pressure distributions for axially symmetric open-nose bodies	Jack, John R	1-Jun-50	19930082816	NACA-TN-2115
Effect of inlet temperature on rotating stall and blade vibrations in a multistage axial-flow compressor	Medeiros, Arthur A; Calvert, Howard F; Fenn, David B	5-Aug-55	19930088724	NACA-RM-E55E05
Method for calculation of heat transfer in laminar region of air flow around cylinders of arbitrary cross section (including large temperature differences and transpiration cooling)	Eckert, E R G; Livingood, John N B	1-Jun-52	19930083439	NACA-TN-2733
Flow tests of an NACA-designed supercharger inlet elbow and the effects of various components on the flow characteristics at the elbow outlet	Guentert, D C; Todd, D J; Simmons, W P , Jr	1-Oct-46	19930081827	NACA-TN-1148
Wind-tunnel measurements of wing buffeting on 1/16-scale model of Douglas D-558-II research airplane	Kemp, William B , Jr; King, Thomas J , Jr	24-Sep-56	19930089459	NACA-RM-L56G31
High-speed cascade tests of a blade section designed for typical hub conditions of high-flow transonic rotors	Savage, Melvyn; Felix, A Richard; Emery, James C	28-Sep-55	19930088775	NACA-RM-L55F07
Pumping and thrust characteristics of several divergent cooling-air ejectors and comparison of performance with conical and cylindrical ejectors	Huntley, S C; Yanowitz, Herbert	20-Jan-54	19930088256	NACA-RM-E53J13
Effect of fuel nozzle protrusion on transient and steady-state turbojet combustor performance	Mccafferty, Richard J; Donlon, Richard H	23-Feb-55	19930088454	NACA-RM-E54K08
Subsonic and supersonic hinge-moment and effectiveness characteristics of an unbalanced lateral control having low theoretical hinge moments at supersonic speeds	Goin, Kennith L; Palmer, William E	19-Oct-53	19930087750	NACA-RM-L53G31a
Lift, drag, and hinge moments at supersonic speeds of an all-movable triangular wing and body combination	Drake, William C	16-Sep-53	19930087744	NACA-RM-A53F22
Results of a rocket-model investigation of control-surface buzz and flutter on a 4-percent-thick unswept wing and on 6-, 9-, and 12-percent-thick swept wings at transonic speeds	Henning, Allen B	20-Nov-53	19930089146	NACA-RM-L53I29
Propeller induced angles of attack and section angles of attack for the NACA 10-(3)(066)-03, 10-(3)(049)-03, 10-(3)(090)-03, 10-(5)(066)-03, and 10-(0)(066)-03 propellers	Igoe, William, B; Davidson, Robert E	7-May-52	19930087929	NACA-RM-L51L06
Pressure measurements on an ogive-cylinder body at Mach number 4.04	Lord, Douglas R; Ulmann, Edward F	26-Feb-52	19930086941	NACA-RM-L51L20

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Two-dimensional aerodynamic characteristics of 34 miscellaneous airfoil sections	Loftin, Laurence K , Jr; Smith, Hamilton A	31-Jan-49	19930085588	NACA-RM-L8L08
Component performance investigation of J71 experimental turbine IX : effect of first-stator adjustment;internal flow conditions of J71-97 turbine with 87-percent-design stator area	Schum, Harold J; Petrash, Donald A; Davison, Elmer H	30-Apr-57	19930089608	NACA-RM-E57B16
Calculation of the aerodynamic loading of flexible wings of arbitrary plan form and stiffness	Diederich, Franklin W	1-Apr-49	19930082915	NACA-TN-1876
Investigation at transonic speeds of the effects of inlet lip stagger on the internal-flow characteristics of an unswept semielliptical air inlet	Bingham, Gene J; Trescot, Charles D , Jr	1-May-56	19930089152	NACA-RM-L56C22
Thrust and drag characteristics of simulated variable-shroud nozzles with hot and cold primary flows at subsonic and supersonic speeds	Beke, Andrew; Simon, Paul C	18-Feb-55	19930088467	NACA-RM-E54J26
Low-speed investigation of the effects of wing leading-edge modifications and several outboard fin arrangements on the static stability characteristics of a large-scale triangular wing	Mclemore, H Clyde	10-Jan-52	19930087014	NACA-RM-L51J05
Comparison of the experimental pressure distribution on an NACA 0012 profile at high speeds with that calculated by the relaxation method	Amick, James L	1-Aug-50	19930082785	NACA-TN-2174
Analysis, Verification, and Application of Equations and Procedures for Design of Exhaust-Pipe Shrouds	Ellerbrock, Herman H.; Wcislo, Chester R.; Dexter, Howard E.	1-Dec-47	19930082151	NACA-TN-1495
Effect of afterbody length and keel angle on minimum depth of step for landing stability and on take-off stability of a flying boat	Olson, Roland E; Land, Norman S	1-Sep-48	19930082391	NACA-TN-1571
Effects of spanwise thickness variation on the aerodynamic characteristics of 35 degree and 45 degree sweptback wings of aspect ratio 6 : transonic-bump method	Morrison, William D , Jr; Fournier, Paul G	10-Jul-51	19930086592	NACA-RM-L51D19
Effect of wing camber and twist at Mach numbers from 1.4 to 2.1 on the lift, drag, and longitudinal stability of a rocket-powered model having a 52.5 degree sweptback wing of aspect ratio 3 and inline tail surfaces	Gillespie, Warren, Jr	7-May-56	19930089139	NACA-RM-L56C16
The effects of aerodynamic heating and heat transfer on the surface temperature of a body of revolution in steady supersonic flight	Scherrer, Richard	1-Jul-47	19930081923	NACA-TN-1300
The gas kinetics of very high flight speeds	Sanger, Eugen	1-May-50	19930093955	NACA-TM-1270
Summary of laminar-boundary-layer solutions for wedge-type flow over convection-and transpiration-cooled surfaces	Livingood, John N B; Donoughe, Patrick L	1-Dec-55	19930084401	NACA-TN-3588
Altitude-wind-tunnel investigation of performance characteristics of a J47D prototype (RX1-1) turbojet engine with variable-area exhaust nozzle	Conrad, E William; Mcaulay, John E	5-Sep-51	19930086532	NACA-RM-E51C15
Variation with Mach Number of Static and Total Pressures Through Various Screens	Adler, Alfred A	1-Feb-46	19930093590	NACA-WR-L-23

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Preliminary investigation of Helmholtz resonators for damping pressure fluctuations in 3.6-inch ram jet at Mach number 1.90	Fox, Jerome L	22-May-51	19930090410	NACA-RM-E51C05
Transonic aerodynamic characteristics of three thin triangular wings and a trapezoidal wing, all of low aspect ratio	Emerson, Horace F; Gale, Bernard M	18-Jul-52	19930087168	NACA-RM-A52D21
The plane problem of the flapping wing	Birnbaum, Walter	1-Jan-54	19930093866	NACA-TM-1364
Exploratory wind-tunnel investigation of the effectiveness of area suction in eliminating leading-edge separation over an NACA 641A212 airfoil	Nuber, Robert J; Needham, James R , Jr	1-Nov-48	19930082360	NACA-TN-1741
Flight measurements of internal cockpit pressures in several fighter-type airplanes	Danforth, Edward C B , III; Reeder, John P	1-Feb-47	19930081930	NACA-TN-1173
Investigation of the diborane - hydrogen peroxide propellant combination	Rowe, William H; Ordin, Paul M; Diehl, John M	28-May-48	19930085775	NACA-RM-E7K07
Effect of rotor-tip speed on helicopter hovering performance and maximum forward speed	Gessow, Alfred	1-Mar-46	19930093082	NACA-WR-L-97, NACA-ARR-L6A16
A metallurgical investigation of five forged gas-turbine discs of Timken alloy	Freeman, J W; Reynolds, E E; White, A E	1-Jun-48	19930082212	NACA-TN-1531
Investigation of two-stage counterrotating compressor IV : over-all performance of compressor with modified second-stage rotor	Wilcox, Ward W; Stevans, William	20-May-58	19930090046	NACA-RM-E58A27
Investigation at Mach numbers of 1.62, 1.93, and 2.41 of the effect of oscillation amplitude on the damping in pitch of delta-wing-body combinations	Henderson, Arthur, Jr	26-Oct-53	19930087775	NACA-RM-L53H25
Internal performance characteristics of variable-throat plug- and vaned-type convergent-divergent nozzles	Krull, H George; Steffen, Fred W; Ciepluch, Carl C	23-Jun-53	19930087815	NACA-RM-E53D09
Some effects of leading-edge roughness on the aileron effectiveness and drag of a thin rectangular wing employing a full-span plain aileron at Mach numbers from 0.6 to 1.5	English, Roland D	4-Nov-53	19930087935	NACA-RM-L53I25
flow studies in the vicinity of a modified flat-plate rectangular wing of aspect ratio 0.25	Michael, William H , Jr	1-Sep-52	19930083470	NACA-TN-2790
Transonic aerodynamic and loads characteristics of a 4-percent-thick unswept-wing--fuselage combination	Henderson, James H; Swihart, John M; Heiser, Gerald	24-May-54	19930088152	NACA-RM-L54B24
Lift and moment on oscillating triangular and related wings with supersonic edges	Nelson, Herbert C	1-Sep-51	19930083203	NACA-TN-2494
Lift, drag, and static longitudinal stability characteristics of configurations consisting of three triangular wing panels and a body of equal length at Mach numbers from 3.00 to 6.28	Savin, Raymond C; Wong, Thomas J	7-Feb-56	19930089200	NACA-RM-A55K21
Pentaborane combustion performance in 9.75-inch-diameter ram-jet engine in connected-pipe altitude facility	Fivel, Herschel J; Tower, Leonard K; Gibbs, James B	13-Mar-57	19930088489	NACA-RM-E54I16
Sound measurements for five shrouded propellers at static conditions	Hubbard, Harvey H	13-Dec-49	19930086159	NACA-RM-L9J28a
Statistical approach to the estimation of loads and pressures on seaplane hulls for routine operations	Steiner, Roy	27-Mar-57	19930089537	NACA-RM-L57A15

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Analysis of accuracy of gas-filled bellows for sensing gas density	Otto, Edward W	1-Feb-48	19930082222	NACA-TN-1538
The effects of suction through porous leading-edge surfaces on the aerodynamic characteristics of a 47.5 degree sweptback wing-fuselage combination at a Reynolds number of 4.4×10^6	Scallion, William I; Pasamanick, Jerome	6-Mar-52	19930087883	NACA-RM-L51K15
Effect of fuel on performance of a single combustor of an I-16 turbojet engine at simulated altitude conditions	Zettle, Eugene V; Bolz, Ray E; Dittrich, R T	3-Jul-47	19930093781	NACA-RM-E7A24
Influence of wall boundary layer upon the performance of an axial-flow fan rotor	Boxer, Emanuel	1-Feb-51	19930082948	NACA-TN-2291
Cold-air investigation of a turbine with nontwisted rotor blades suitable for air cooling	Heaton, Thomas R; Slivka, William R; Westra, Leonard F	18-Mar-52	19930086947	NACA-RM-E52A25
Performance of a supersonic ramp-type side inlet with ram-scoop throat bleed and varying fuselage boundary-layer removal : Mach number range 1.5 to 2.0 / Glenn A. Mitchell and Robert C. Campbell	Mitchell, Glenn A; Campbell, Robert C	17-Jan-57	19930089448	NACA-RM-E56I26
Instrumentation for measurements of free-space sound pressures in the immediate vicinity of a propeller in flight	Mace, William D; Haney, Francis J; Brummer, Edmund A	1-Jan-56	19930084246	NACA-TN-3534
Some observations of shock-induced turbulent separation on supersonic diffusers	Nussdorfer, Theodore J	4-May-54	19930087855	NACA-RM-E51L26
Some measurements of the effect of gaseous imperfections on the critical pressure ratio in air and the speed of sound in nitrogen	Donaldson, Coleman Dup; Jones, Jim J	1-Aug-51	19930083057	NACA-TN-2437
Drag measurements on a 1/6-scale, finless, sting-mounted NACA RM-10 missile in flight at Mach numbers from 1.1 to 4.04 showing some Reynolds number and heating effects	Piland, Robert O	27-Oct-54	19930090585	NACA-RM-L54H09
A semi-empirical method for calculating the pitching moment of bodies of revolution at low Mach numbers	Hopkins, Edward J	17-May-51	19930086500	NACA-RM-A51C14
Summary of results of a wind-tunnel investigation of nine related horizontal tails	Dods, Jules B , Jr; Tinling, Bruce E	12-Oct-51	19930086692	NACA-RM-A51G31a
Critical shear stress of curved rectangular panels	Batdorf, S B; Stein, Manuel; Schildcrout, Murry	1-May-47	19930081975	NACA-TN-1348
Wind-tunnel investigation of the aerodynamic characteristics of a 1/15-scale model of the Northrop MX-775A missile	Phelps, E Ray; Lazzeroni, Frank A	5-Oct-51	19930086826	NACA-RM-A51E28
Effect of open circular holes on tensile strength and elongation of sheet specimens of some aluminum alloys	Hill, H N; Barker, R S	1-Oct-49	19930082643	NACA-TN-1974
Preliminary performance evaluation of blends of pentaborate and JP-4 fuel in a full-scale turbojet engine	King, C R; Breitwieser, Roland; Sivo, J N	28-Jan-57	19930088427	NACA-RM-E54J05
A drop test for the evaluation of the impact strength of cermets	Pinkel, B; Deutsch, G C; Katz, N H	15-Mar-55	19930088220	NACA-RM-E54D13
Investigation of the NACA 3-(3)(05)-05 eight-blade dual-rotating propeller at forward Mach numbers to 0.925	Platt, Robert J , Jr; Shumaker, Robert A	19-Jun-50	19930090244	NACA-RM-L50D21
Pressure distribution and damping in steady roll at supersonic Mach numbers of flat swept-back wing with subsonic edges	Walker, Harold J; Ballantyne, Mary B	1-Mar-50	19930082702	NACA-TN-2047

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A method for determining the composition of methanol-trimethyl borate mixtures	Kaye, Samuel; Sordyl, Frank	3-Nov-55	19930089063	NACA-RM-E55H15
Investigation to Mach number 2.0 of shock-positioning control systems for a variable-geometry inlet in combination with a J34 turbojet engine	Leissler, L Abbott; Nettles, J Cary	20-Dec-54	19930088479	NACA-RM-E54I27
Calculative method for estimating the interference pressure field at zero lift on a symmetrical swept-back wing mounted on a circular cylindrical body	Nielsen, Jack N; Matteson, Frederick H	5-Aug-49	19930086002	NACA-RM-A9E19
Investigation of rotating stall in a single-stage axial compressor	Montgomery, S R; Braun, J J	1-Jan-57	19930084527	NACA-TN-3823
Flutter investigation of two thin, low-aspect ratio, swept, solid, metal wings in the transonic range by use of a free-falling body	Lauten, W T , Jr; Sylvester, Maurice A	26-Feb-52	19930087975	NACA-RM-L51K28a
Theoretical and experimental investigation of aerodynamic-heating and isothermal heat-transfer parameters on a hemispherical nose with laminar boundary layer at supersonic Mach numbers	Stine, Howard A; Wanlass, Kent	1-Dec-54	19930084172	NACA-TN-3344
Preliminary results of stability calculations for the bending of box beams with longitudinally stiffened covers connected by posts	Anderson, Roger A; Wilder, Thomas W , III; Johnson, Aldie E , Jr	1-Dec-52	19930087369	NACA-RM-L52K10a
Theoretical calculations of the stability derivatives at supersonic speeds for a high-speed airplane configuration	Margolis, Kenneth; Bobbitt, Percy J	8-Oct-53	19930087690	NACA-RM-L53G17
Effects of external stream flow and afterbody variations on the performance of a plug nozzle	Salmi, R J; Cortright, E M , Jr	2-Oct-56	19930089418	NACA-RM-E56F11a
Comparison of effect of a turbojet engine and three cold-flow configurations on the stability of a full-scale supersonicle inlet	Musial, Norman T	24-Jan-57	19930089651	NACA-RM-E56K23
Low-speed experimental determination of the effects of leading-edge radius and profile thickness on static and oscillatory lateral stability derivatives for a delta wing with 60 degrees of leading-edge sweep	Fletcher, Herman S	1-Jul-58	19930085247	NACA-TN-4341
Tests of a small-scale NACA submerged inlet at transonic Mach numbers	Rolls, L Stewart; Rathert, George A , Jr	23-Feb-50	19930086357	NACA-RM-A9L29
Preliminary analysis of three cycles for nuclear propulsion of aircraft	Humble, L V; Wachtl, W W; Doyle, R B	13-Oct-50	19930086366	NACA-RM-E50H24
Transonic flow past a wedge profile with detached bow wave : general analytical method and final calculated results	Vincenti, Walter G; Wagoner, Cleo B	1-Apr-51	19930082978	NACA-TN-2339
Wind-tunnel investigation at high subsonic speeds of the static longitudinal stability characteristics of a complete model having cropped-delta,swept, and unswept wings and several horizontal-tail heights	Goodson, Kenneth W; Becht, Robert E	15-Oct-54	19930088330	NACA-RM-L54H12
A study of the stability of the laminar boundary layer as affected by changes in the boundary-layer thickness in regions of pressure gradient and flow through the surface	Tetervin, Neal; Levine, David A	1-Aug-52	19930083510	NACA-TN-2752
An investigation of the effects of jet-outlet cut-off angle on thrust direction and body pitching moment	Blackaby, James R	1-Jun-51	19930083085	NACA-TN-2379

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Effect of taper ratio on low-speed static and yawing stability derivatives of 45 degree sweptback wings with aspect ratio of 2.61	Letko, William; Cowan, John W	1-Jul-48	19930082298	NACA-TN-1671
Performance comparison at Mach numbers 1.8 and 2.0 of full-scale and quarter-scale translating-spike inlets	Hearth, Donald P; Anderson, Bernhard H; Dryer, Murray	21-Oct-57	19930089736	NACA-RM-E57D16
A method for calculating the lift and center of pressure of wing-body-tail combinations at subsonic, transonic, and supersonic speeds	Nielsen, Jack N; Kaattari, George E; Anastasio, Robert F	12-Nov-53	19930093732	NACA-RM-A53G08
Experimental data for four full-scale conical cooling-air ejectors	Ciepluch, C C; Fenn, D B	1-Nov-54	19930088192	NACA-RM-E54F02
Calculated reactivity of uranyl-fluoride - water criticality experiments	Bogart, Donald; Soffer, Leonard	30-Mar-56	19930089174	NACA-RM-E55L23
NACA and Office of Naval Research metallurgical investigation of two large forged discs of S-590 alloy	Freeman, J W; Cross, Howard C	1-Feb-49	19930082426	NACA-TN-1760
An experimental investigation of two-dimensional, supersonic cascade-type inlets at a Mach number of 3.11	Offenhartz, Edward	25-Aug-54	19930088095	NACA-RM-L54E17
On the stability of the laminar mixing region between two parallel streams in a gas	Lin, C C	1-Jan-53	19930083790	NACA-TN-2887
Aerodynamic heat transfer and zero-lift of a flat windshield canopy on the NACA RM-10 research vehicle at high Reynolds numbers for a flight Mach number range from 1.5 to 3.0	Hoffman, Sherwood; Chauvin, Leo T	26-Sep-56	19930089268	NACA-RM-L56G05
The effects at a Mach number of 6.86 of drag brakes on the lift, drag, and pitching moment of an ogive cylinder	Penland, Jim A; Fetterman, David E , Jr	19-Mar-56	19930089231	NACA-RM-L55K23
Wing-dropping characteristics of some straight and swept wings at transonic speeds as determined with rocket-powered models	Stone, David G	26-May-50	19930086136	NACA-RM-L50C01
Kinetic treatment of the nucleation in supersaturated vapors	Becker, R; Doring, Werner	1-Sep-54	19930093856	NACA-TM-1374
An analysis of estimated and experimental transonic downwash characteristics as affected by plan form and thickness for wing and wing-fuselage configurations	Weil, Joseph; Campbell, George S; Diederich, Margaret S	10-Nov-52	19930087292	NACA-RM-L52I22
Wind-tunnel calibration of a combined pitot-static tube and vane-type flow-angularity indicator at Mach numbers of 1.61 and 2.01	Sinclair, Archibald R; Mace, William D	1-Oct-56	19930084583	NACA-TN-3808
Preliminary investigation of effect on performance of dividing conical-spike nose inlets into halves at Mach numbers 1.5 to 2.0	Allen, John L	19-Dec-55	19930088907	NACA-RM-E55I26
Some flutter experiments at a Mach number of 1.3 on cantilever wings with tubular and closed bodies at the tips	Mccarty, John Locke; Tuovila, W J	7-Oct-53	19930087627	NACA-RM-L53G10b
Tank tests of a 1/8-size powered dynamic model of the Martin PBM-5 seaplane equipped with a single EDO hydro-ski : TED No. NACA AD3110	Coffee, Claude W , Jr	6-Jan-56	19930089018	NACA-RM-SL55L15
Dynamics of a turbojet engine considered as a quasi-stats system	Otto, Edward W; Taylor, Burt L , III	1-May-50	19930082903	NACA-TN-2091
Investigation at transonic speeds of the hinge-moment and lift-effectiveness characteristics of a single flap and a tandem flap on a 60 degree delta wing	Croom, Delwin R; Wiley, Harleth G	24-Jul-53	19930087651	NACA-RM-L53E28a

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The design and cascade tests of free-streamline and full-contour 160 degrees turning supersonic-turbine-blade sections	Westphal, Willard R	16-Aug-57	19930089878	NACA-RM-L57F21
Application of a channel design method to high-solidity cascades and tests of an impulse cascade with 90 degrees of turning	Stanitz, John D; Sheldrake, Leonard J	1-Mar-52	19930083243	NACA-TN-2652
Effect of trailing-edge thickness on lift at supersonic velocities	Chapman, Dean R; Kester, Robert H	1-Jun-55	19930084159	NACA-TN-3504
Preliminary Investigation of a New Type of Supersonic Inlet	Ferri, Antonio; Nucci, Louis M	1-Apr-51	19930083137	NACA-TN-2286
Preliminary analysis of a nuclear-powered supersonic airplane using ramjet engines	Weber, Richard J; Connolley, Donald J	11-Apr-58	19930089765	NACA-RM-E57F17
General tank tests of a 1/10-size model of the hull of the Boeing XPBB-1 flying boat - Langley Tank Model 175	King, Douglas A; Hill, Mary A	1-Jul-46	19930081692	NACA-TN-1057
Effect of high rotor pressure-surface diffusion on performance of a transonic turbine	Miser, James W; Stewart, Warner L; Monroe, Daniel E	3-Nov-55	19930088831	NACA-RM-E55H29a
Natural convection inside a flat rotating container	Ostrach, Simon; Braun, Willis H	1-Sep-58	19930085127	NACA-TN-4323
Antiknock evaluation of hydrocarbons and ethers as aviation fuel components	Barnett, Henry C	5-Oct-50	19930086339	NACA-RM-E50H02
Flight observations of aileron flutter at high Mach numbers as affected by several modifications	Spreiter, John R; Galster, George M; Cooper, George E	25-Apr-47	19930085631	NACA-RM-A7B03
Investigation of the NACA 4-(5)(05)-037 six- and eight-blade, dual-rotation propellers at positive and negative thrust at Mach numbers up to 0.90, including some aerodynamic characteristics of the NACA 4-(5)(05)-041 two- and four-blade, single-rotat	Reynolds, Robert M; Walker, John H	8-Oct-54	19930088312	NACA-RM-A54G13
Vibrational modes of several hollow turbine blades and of solid turbine blade of similar aerodynamic design	Kemp, R H; Shifman, J	3-Oct-49	19930085964	NACA-RM-E9G25
Calculation of aerodynamic forces on a propeller in pitch or yaw	Crigler, John L; Gilman, Jean, Jr	1-Jan-52	19930083122	NACA-TN-2585
Relation between roughness of interface and adherence of porcelain enamel to steel	Richmond, J C; Moore, D G; Kirkpatrick, H B; Harrison, W N	1-Apr-53	19930083630	NACA-TN-2934
Experimental investigation of the effect of boundary-layer transition on the average heat transfer to a yawed cylinder in supersonic flow	Beckwith, Ivan E; Gallagher, James J	13-Jul-56	19930089430	NACA-RM-L56E09
Pressure distributions on the blade sections of the NACA 10-(0)(066)-03 propeller under operating conditions	Steinberg, Seymour; Milling, Robert W	18-May-50	19930086148	NACA-RM-L50C03
Effect of frequency of sideslipping motion on the lateral stability derivatives of a typical delta wing airplane	Lichtenstein, Jacob H; Williams, James L	12-Sep-57	19930089727	NACA-RM-L57F07
An investigation of the characteristics of the NACA RM-10 (with and without fins) in the Langley 11-inch hypersonic tunnel at a Mach number of 6.9	Macauley, William D; Feller, William V	26-Nov-54	19930090335	NACA-RM-L54I03
Investigation of bonding between metals and ceramics I : nickel, cobalt, iron, or chromium with boron carbide	Hamjian, H J; Lidman, W G	1-Sep-49	19930082625	NACA-TN-1948

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An analytic study of turbojet-engine thrust augmentation with liquid hydrogen, pentaborane, magnesium slurry, and JP-4 afterburner fuels and a 330-second impulse rocket	Morris, James F	15-Aug-56	19930088127	NACA-RM-E56A19a
Effects of wing modifications on the longitudinal stability characteristics of a 0.04956-scale model of the Convair F-102A airplane at transonic speeds	Osborne, Robert S	6-Nov-56	19930089552	NACA-RM-SL56J30a
Wind-tunnel investigation of a ram-jet model having a wing and canard surfaces of delta plan form with 70 degrees swept leading edges : force and moment characteristics at combined angles of pitch and sideslip for Mach number 2.01	Driver, Cornelius; Hamilton, Clyde V	26-Apr-56	19930089240	NACA-RM-L56B21
Preliminary investigation of a stick shaker as a lift-margin indicator	Trant, James P , Jr	1-Feb-55	19930084261	NACA-TN-3355
Effects of wing elasticity on the aerodynamic characteristics of a 45 degree sweptback-wing-fuselage combination measured in the Langley 8-foot transonic tunnel	Osborne, Robert S; Mugler, John P , Jr	17-Sep-52	19930087232	NACA-RM-L52G23
A simplified method for the determination and analysis of the neutral-lateral-oscillatory-stability boundary	Sternfield, Leonard; Gates, Ordway B , Jr	1-Oct-48	19930082715	NACA-TN-1727
Performance characteristics of several full-scale double-shroud ejector configurations over a range of primary gas temperatures	Greathouse, William, K	19-Aug-54	19930088207	NACA-RM-E54F07
Preliminary study of use of nonstrategic metals for and application of cooling to blades of turbine of J35 turbojet engine		17-Nov-48	19930085580	NACA-RM-SE8K17
Approximate relative-total-pressure losses of an infinite cascade of supersonic blades with finite leading-edge thickness	Klapproth, John F	3-Mar-50	19930086270	NACA-RM-E9L21
Investigation of the drag of various axially symmetric nose shapes of fineness ratio 3 for Mach numbers from 1.24 to 3.67	Perkins, Edward W; Jorgensen, Leland H	6-Nov-52	19930087274	NACA-RM-A52H28
Static lateral stability and control characteristics of a model of a 45 degree swept-wing fighter airplane with various vertical tails at Mach numbers of 1.41, 1.61, and 2.01	Srearnman, M Leroy; Robinson, Ross B	19-Jun-56	19930089291	NACA-RM-L56D05
Tables for the computation of wave drag of arrow wings of arbitrary airfoil section	Grant, Frederick C; Cooper, Morton	1-Jun-54	19930083978	NACA-TN-3185
Correlation of buffet boundaries predicted from wind-tunnel tests with those measured during flight tests on the F8F-1 and X-1 airplanes -transonic-bump method	Martin, Andrew; Reed, James F	24-Dec-52	19930087505	NACA-RM-A52J17
Characteristics of loads in rough air at transonic speeds of rocket-powered models of a canard and a conventional-tail configuration	Vitale, A James	1-Mar-55	19930088588	NACA-RM-L54L17
Wind-tunnel investigation at Mach numbers from 0.8 to 1.4 of static longitudinal and lateral-directional characteristics of an unswept-wing airplane model	Summers, James L; Treon, Stuart L; Graham, Lawrence A	13-Dec-56	19930089412	NACA-RM-A56E22

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Aerodynamic characteristics of a wing with quarter-chord line swept back 60 degrees, aspect ratio 2, taper ratio 0.6, and NACA 65A006 airfoil section : transonic bump method	Myers, Boyd C , II; King, Thomas J , Jr	24-Feb-50	19930086130	NACA-RM-L50A12
Rotogenerative detection of corrosion currents	Mcandrew, Joseph B; Colner, William H; Francis, Howard T	1-Nov-51	19930083312	NACA-TN-2523
An application of the method of characteristics to two-dimensional transonic flows with detached shock waves	Harder, Keith C; Klunker, E B	1-Mar-53	19930083615	NACA-TN-2910
Precautions for flight testing near the speed of sound	Clousing, Lawrence A	5-Nov-47	19930085817	NACA-RM-A7G25
Wind-tunnel tests of a swept-blade propeller and related straight blades having thickness ratios of 5 and 6 percent	Gray, W H	10-Nov-48	19930085444	NACA-RM-L8H19
An investigation of aircraft heaters XXXIV : experimental determination of thermal and hydrodynamical behavior of air flowing between a flat and a wave-shaped plate	Boelter, Llewellyn Michael Kraus; Sanders, V D; Young, George; Morgan, M; Morrin, E H	1-Aug-51	19930083022	NACA-TN-2426
Effect of overheating on creep-rupture properties of HS-31 alloy at 1,500 F	Rowe, John P; Freeman, J W	1-Dec-57	19930085109	NACA-TN-4083
Resistance of cascade of airfoils in gas stream at subsonic velocity	Loitsianskii, L G	1-Sep-51	19930093927	NACA-TM-1303
A metallurgical investigation of large forged discs of low-carbon N-155 alloy	Cross, Howard C; Freeman, J W	1-Apr-47	19930081857	NACA-TN-1230
Stability and control data obtained from first flight of X-4 airplane	Drake, Hubert M	7-Feb-49	19930090383	NACA-RM-L9A31
Theoretical investigation at subsonic speeds of the flow ahead of a slender inclined parabolic-arc body of revolution and correlation with experimental data obtained at low speeds	Letko, William; Danforth, Edward C B , III	1-Jul-54	19930084046	NACA-TN-3205
A summary and analysis of data on dive-recovery flaps	Boddy, Lee E; Williams, Walter C	9-Sep-47	19930085641	NACA-RM-A7F09
An experimental and theoretical study of the effect of fuel on pitching-translation flutter	Sewall, John L	1-Dec-57	19930085017	NACA-TN-4166
A comparison of the longitudinal aerodynamic characteristics at mach numbers up to 0.94 of swept back wings having NACA 4-digit or NACA 64A thickness distributions	Sutton, Fred B; Dickson, Jerald K	23-Aug-54	19930090528	NACA-RM-A54F18
Screen-type noise reduction devices for ground running of turbojet engines	Coles, Willard D; North, Warren J	1-Jul-57	19930085306	NACA-TN-4033
Hinge-moment characteristics for a series of controls and balancing devices on a 60 degree delta wing at Mach numbers of 1.61 and 2.01	Lord, Douglas R; Czarnecki, K R	12-Apr-57	19930089526	NACA-RM-L57B01
An investigation of discharge and thrust characteristics of flapped outlets for stream Mach numbers from 0.40 to 1.30	Vick, Allen R	1-Jul-57	19930084928	NACA-TN-4007
A summary of ground-loads statistics	Westfall, John R; Milwitzky, Benjamin; Silsby, Norman S; Dreher, Robert C	1-May-57	19930084935	NACA-TN-4008
Analysis of laminar forced-convection heat transfer in entrance region of flat rectangular ducts	Sparrow, E M	1-Jan-55	19930084124	NACA-TN-3331
Effect of simulated service conditions on plastics	Crouse, W A; Caudill, D C; Reinhart, F W	1-Jul-47	19930081839	NACA-TN-1240

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Effect of prior air force over temperature operation on life of J47 buckets evaluated in a sea-level cyclic engine test	Signorelli, Robert A; Johnston, James R; Garrett, Floyd B	1-Apr-58	19930085288	NACA-TN-4263
A review of NACA research through 1954 on boron compounds as fuels for jet aircraft (Project Zip)	Olson, Walter T; Breitwieser, Roland; Gibbons, Louis C	12-Apr-57	19930090320	NACA-RM-E55B01
An investigation of high-temperature vacuum and hydrogen furnace brazing	Russell, Walter E; Wisner, John P	1-Mar-57	19930084953	NACA-TN-3932
Prandtl number effects on unsteady forced-convection heat transfer	Sparrow, E M; Gregg, J L	1-Jun-58	19930085091	NACA-TN-4311
Relations between the modulus of elasticity of binary alloys and their structure	Koster, Werner; Rauscher, Walter	1-Nov-51	19930093909	NACA-TM-1321
Creep of lead at various temperatures	Neurath, Peter W; Koehler, James S	1-Mar-51	19930083004	NACA-TN-2322
The effect of rate of change of angle of attack on the maximum lift coefficient of a pursuit airplane	Gadeberg, Burnett L	1-Oct-51	19930083318	NACA-TN-2525
Measurement through the speed of sound of static pressures on the rear of unswept and sweptback circular cylinders and on the rear and sides of a wedge by the NACA wing-flow method	Sawyer, Richard H; Daum, Fred L	21-Jul-48	19930085324	NACA-RM-L8B13
Experimental investigation of axial-flow compressor inlet stage operating at transonic relative inlet Mach numbers : blade-coordinate data	Lewis, George W , Jr	6-Jun-52	19930087219	NACA-RM-E52C27
Gust-load and airspeed data from one type of four-engine airplane on five routes from 1947 to 1954	Walker, Walter G	1-Jan-55	19930084493	NACA-TN-3358
Interim report on fatigue characteristics of a typical metal wing	Kepert, J L; Payne, A O	1-Mar-56	19930093834	NACA-TM-1397
Linearized compressible-flow theory for sonic flight speeds	Heaslet, Max A; Lomax, Harvard; Spreiter, John R	1-Mar-49	19930083221	NACA-TN-1824
Performance of YJ73-GE-3 turbojet engine in altitude test chamber	Dobson, Wilbur F; Kaufman, Harold R	19-Jan-55	19930088290	NACA-RM-E54F22
Measurements of flying qualities of an F-47D-30 airplane to determine lateral and directional stability and control characteristics	Goranson, R Fabian; Kraft, Christopher C , Jr	1-Jul-52	19930083825	NACA-TN-2675
A comparison of the measured and predicted lateral oscillatory characteristics of a 35 degrees swept-wing fighter airplane	Mcneill, Walter E; Cooper, George E	19-Jul-51	19930086582	NACA-RM-A51C28
Ice protection of turbojet engines by inertia separation of water III : annular submerged inlets	Von Glahn, Uwe	8-Jun-48	19930085378	NACA-RM-E8A29
An investigation of the effects of rapid skin heating on box beams loaded in bending	Pride, Richard A	23-Mar-55	19930088598	NACA-RM-L55B03
Free-spinning-tunnel investigation of gyroscopic effects of jet-engine rotating parts (or of rotating propellers)	Bowman, James S , Jr	1-Aug-55	19930084277	NACA-TN-3480
Zero-lift drag of a series of bomb shapes at Mach numbers from 0.60 to 1.10	Stoney, William E, Jr; Royall, John F	26-Jul-56	19930089367	NACA-RM-L56D16
Free-flight investigation at transonic speeds of drag coefficients of a boattail body of revolution with a simulated turbojet exhaust issuing at the base from conical short-length ejectors	Falanga, Ralph A; Leiss, Abraham	13-Dec-56	19930089568	NACA-RM-L56H23

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Aerodynamic characteristics of NACA RM-10 missile in 8- by 6-foot supersonic wind tunnel at Mach numbers from 1.49 to 1.98 I : presentation and analysis of pressure measurements (stabilizing fins removed)	Luidens, Roger W; Simon, Paul C	20-Jul-50	19930086239	NACA-RM-E50D10
Evaluation of some aerodynamic controls for a low-aspect-ratio missile	Winovich, Warren; Higdon, Nancy S	17-Jul-58	19930090305	NACA-RM-A58D17b
Langley 9-inch supersonic tunnel tests of several modifications of a supersonic missile having tandem cruciform lifting surfaces : three-component data results of models having ratios of wing span to tail span less than 1	Rainey, Robert W	7-Mar-51	19930086458	NACA-RM-L50I29a
Experimental investigation of air-cooled turbine blades in turbojet engine V : rotor blades with split trailing edges	Smith, Gordon T; Hickel, Robert O	2-Apr-51	19930086663	NACA-RM-E51A22
Investigation of effects of movable exhaust-nozzle plug on operational performance of 20-inch ram jet	Sterbentz, William H; Wilcox, Fred A	27-Jul-48	19930090368	NACA-RM-E8D22
Charts for stress analysis of reinforced circular cylinders under lateral loads	Kempner, Joseph; Duberg, John E	1-May-47	19930082177	NACA-TN-1310
Stability and control characteristics at low speed of a 1/5-scale model of the EDO 142 hydro-ski research airplane	Riebe, John M; Macleod, Richard G; Moseley, William C , Jr	6-Aug-51	19930086710	NACA-RM-SL51E10
Additional measurements of the low-speed static stability of a configuration employing three triangular wing panels and a body of equal length	Delany, Noel K	25-Jul-55	19930089928	NACA-RM-A55F02a
Preliminary results of horizontal-tail load measurements of the Bell X-5 research airplane	Rogers, John T; Dunn, Angel H	15-Aug-52	19930087176	NACA-RM-L52G14
Effects of chord-extension and droop of combined leading edge flap and chord-extension on low-speed static longitudinal stability characteristics of an airplane model having a 35 degree sweptback wing with plain flaps neutral or deflected	Jaquet, Byron M	28-Jan-53	19930087398	NACA-RM-L52K21a
Jet diffuser for simulating ram-pressure and altitude conditions on a turbojet-engine static test stand	Essig, Robert H; Bohanon, H R; Gabriel, David S	1-Aug-48	19930082325	NACA-TN-1687
Effect of concentration on ignition delays for various fuel-oxygen-nitrogen mixtures at elevated temperatures	Anagnostou, E; Brokaw, R S; Butler, J N	1-Dec-56	19930084733	NACA-TN-3887
Experimental ablation cooling	Bond, Aleck C; Rashis, Bernard; Levin, L Ross	15-Jul-58	19930090170	NACA-RM-L58E15a
An investigation of the effect of tip shape on the low-speed aerodynamic characteristics of large-scale swept wings	Walling, Walter C	13-Nov-47	19930085688	NACA-RM-A7H13
Wind-tunnel investigation of effect of sweep on rolling derivatives at angles of attack up to 13 degrees and at high subsonic Mach numbers, including a semiempirical method of estimating the rolling derivatives	Wiggins, James W	27-Apr-54	19930088362	NACA-RM-L54C26
The theoretical lift of flat swept-back wings at supersonic speeds	Cohen, Doris	1-Mar-48	19930082661	NACA-TN-1555
Experimental determination of time constants and Nusselt numbers for bare-wire thermocouples in high-velocity air streams and analytic approximation of conduction and radiation errors	Scadron, Marvin D; Warshasky, Isidore	1-Jan-52	19930083429	NACA-TN-2599

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A flight study of longitudinal-control-system dynamic characteristics by the use of a variable-control-system airplane	Mcfadden, Norman M; Pauli, Frank A; Heinle, Frank A	1-Jan-57	19930089917	NACA-RM-A57L10
Initial experiments on flutter of unswept cantilever wings at Mach number 1.3	Tuovila, W J; Baker, John E; Regier, Arthur, A	1-Nov-54	19930084062	NACA-TN-3312
Summary of free-flight performance of a series of ram-jet engines at Mach numbers from 0.80 to 2.20	North, Warren J	11-Feb-54	19930087951	NACA-RM-E53K17
Free-flight investigation of control effectiveness of full-span 0.2-chord plain ailerons at high subsonic, transonic, and supersonic speeds to determine some effects of section thickness and wing sweepback	Sandahl, Carl A; Marino, Alfred A	29-May-47	19930085594	NACA-RM-L7D02
Low-speed longitudinal characteristics of a 45 degrees sweptback wing of aspect ratio 8 with high-lift and stall-control devices at Reynolds numbers from 1,500,000 to 4,800,000	Pratt, George L; Shields, E Rousseau	28-Feb-52	19930086963	NACA-RM-L51J04
Effect of climb technique on jet-transport noise	North, Warren J	1-Jan-56	19930084384	NACA-TN-3582
A velocity-correction formula for the calculation of transonic mach number distributions over diamond-shaped airfoils	Ivey, H Reese; Harder, Keith C	1-Nov-51	19930083326	NACA-TN-2527
Additional fatigue tests on effects of design details in 355-T6 sand-cast aluminum alloy	Eaton, I D; Youra, John A	10-Mar-54	19930088019	NACA-RM-53L22
A correlation of the effects of compression ratio and inlet-air temperature on the knock limits of aviation fuels in a CFR engine II	Evvard, John C	1-Jun-46	19930093411	NACA-WR-E-240, NACA-ARR-E6E13
Wind-tunnel investigation at low speed of the rolling stability derivatives of a 1/10-scale model of the Douglas A4D-1 airplane : TED No. NACA DE 389	Wolhart, Walter D; Fletcher, H S	7-Oct-54	19930088415	NACA-RM-SL54I29
Improvement of accuracy of balanced-pressure indicators and development of an indicator calibrating machine	Livengood, James C	1-Jun-49	19930082577	NACA-TN-1896
Investigation of water-spray cooling of turbine blades in a turbojet engine	Freche, John C; Stelpflug, William J	10-Mar-53	19930087495	NACA-RM-E53A23
Theoretical investigation of subsonic oscillatory blade-row aerodynamics	Lane, Frank; Friedman, Manfred	1-Feb-58	19930084942	NACA-TN-4136
Performance of experimental channeled-wall annular turbojet combustor at conditions simulating high-altitude supersonic flight I : -U-shaped channel walls for secondary-air entry	Zettle, Eugene V; Friedman, Robert	15-Mar-55	19930088529	NACA-RM-E54L21a
Results of preliminary flight investigation of aerodynamic characteristics of the NACA two-stage supersonic research model RM-1 stabilized in roll at transonic and supersonic velocities	Pitkin, Marvin; Garner, William N; Curfman, Howard J , Jr	19-Mar-47	19930085758	NACA-RM-L6J23
Approximate solution for streamlines about a lifting rotor having uniform loading and operating in hovering or low-speed vertical-ascent flight conditions	Castles, Walter, Jr	1-Feb-57	19930084869	NACA-TN-3921
Investigation of turbines suitable for use in a turbojet engine with high compressor pressure ratio and low compressor-tip speed VII : experimental performance of modified two-stage turbine	Davison, Elmer H; Petrash, Donald A; Schum, Harold J	29-Oct-56	19930089614	NACA-RM-E56H14a
A design study of leading-edge inlets for unswept wings	Dannenberg, Robert E	30-Jun-50	19930086018	NACA-RM-A9K02b

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Aerodynamics of slender bodies at Mach number of 3.12 and Reynolds numbers from 2 x 10(exp 6) to 15 x 10(exp 6) II : aerodynamic load distributions of series of five bodies having conical noses and cylindrical afterbodies	Jack, John R; Gould, Lawrence I	8-May-52	19930087041	NACA-RM-E52C10
A description of the Ames 2- by 2-foot transonic wind tunnel and preliminary evaluation of wall interference	Spiegel, Joseph M; Lawrence, Leslie F	20-Jan-56	19930088934	NACA-RM-A55I21
Spreading characteristics of a jet expanding from choked nozzles at mach 1.91	Rousso, Morris D; Baughman, L Eugene	1-Dec-56	19930084571	NACA-TN-3836
Pressure distributions at transonic speeds for parabolic-arc bodies of revolution having fineness ratios of 10, 12, and 14	Taylor, Robert A; Mcdevitt, John B	1-Mar-58	19930085184	NACA-TN-4234
Theoretical calculation of the pressure distribution, span loading, and rolling moment due to sideslip at supersonic speeds for thin sweptback tapered wings with supersonic trailing edges and wing tips parallel to the axis of wing symmetry	Margolis, Kenneth; Sherman, Windsor L; Hannah, Margery E	1-Feb-53	19930083847	NACA-TN-2898
Graphical method of obtaining theoretical lift distributions on thin wings at supersonic speeds	Cohen, Clarence B; Evvard, John C	1-Aug-48	19930082314	NACA-TN-1676
Altitude component performance of the RA-14 Avon turbojet engine	Russey, Robert E; Sivo, Joseph N	12-Sep-56	19930089360	NACA-RM-E56F26a
Examples of three representative types of airfoil-section stall at low speed	Mccullough, Goerge B; Gault, Donald E	1-Sep-51	19930083422	NACA-TN-2502
Two-dimensional flow on general surfaces of revolution in turbomachines	Stanitz, John D; Ellis, Gaylord O	1-Mar-52	19930083254	NACA-TN-2654
Wing-on and wing-off longitudinal characteristics of an airplane configuration having an thin unswept tapered wing of aspect ratio 3, as obtained from rocket-propelled models at Mach numbers from 0.8 to 1.4	Gillis, Clarence L; Vitale, A James	14-Mar-51	19930086421	NACA-RM-L50K16
Methods of designing cascade blades with prescribed velocity distributions in compressible potential flows	Costello, George R	1-Oct-49	19930082635	NACA-TN-1970
Considerations involved in the design of a roll-angle computer for a bank-to-turn interceptor	Triplett, William C	1-Jun-55	19930093742	NACA-RM-A55D18a
Transonic flight tests to compare the zero-lift drags of underslung nacelles varied spanwise on a 45 degree sweptback wing and body combination	Hoffman, Sherwood	1-Jul-52	19930087302	NACA-RM-L52D04a
Design and performance of throttle-type fuel controls for engine dynamic studies	Otto, Edward W; Gold, Harold; Hiller, Kirby W	1-Apr-55	19930084349	NACA-TN-3445
Preliminary study of use of nonstrategic metals for cooled blades of gas turbines		17-Nov-48	19930085571	NACA-RM-SE8K16
Effect of compressor-outlet air bleed on performance of a centrifugal-flow turbojet engine with a constant-area jet nozzle	Huntley, Sidney C	1-Jun-52	19930083303	NACA-TN-2713
Experimental pressure distributions over two wing-body combinations at Mach number 1.9	Moskowitz, Barry; Maslen, Stephen H	5-Feb-51	19930086398	NACA-RM-E50J09
A preliminary experimental and analytical evaluation of diborane as a ram-jet fuel	Gammon, Benson E; Genco, Russell S; Gerstein, Melvin	22-Dec-50	19930086375	NACA-RM-E50J04

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Investigation of a 42.7 degree sweptback wing model to determine the effects of trailing-edge thickness on the aileron hinge-moment and flutter characteristics at transonic speeds	Thompson, Robert F	26-Dec-50	19930086384	NACA-RM-L50J06
Experimental investigation of a flat plate paddle jet vane operating on a rocket jet	Bond, Aleck C	15-Nov-50	19930086435	NACA-RM-L50I20
Effects of pressure-rake design parameters on static-pressure measurement for rakes used in subsonic free jets	Krause, Lloyd N	1-Oct-51	19930083289	NACA-TN-2520
Some wind-tunnel experiments on single degree of freedom flutter of ailerons in the high subsonic speed range	Clevenson, Sherman A	30-Mar-49	19930085941	NACA-RM-L9B08
Theoretical lift and drag of thin triangular wings at supersonic speeds	Brown, Clinton E	1-Dec-46	19930081984	NACA-TN-1183
A flight investigation of some effects of automatic control on gust loads	Payne, Chester B	2-Jul-53	19930087553	NACA-RM-L53E14a
Preliminary results of a flight investigation to determine the effect of negative flap deflection on high-speed longitudinal-control characteristics	White, Maurice D; Sadoff, Melvin; Clousing, Lawrence A; Cooper, George E	16-Dec-47	19930085792	NACA-RM-A7I26
Bibliography of NACA papers on rotating-wing Aircraft	Gessow, Alfred	21-Jul-48	19930093750	NACA-RM-L7J30
Flight investigation of the heat requirements for ice prevention on aircraft windshields	Kleinknecht, Kenneth S	5-Sep-47	19930085823	NACA-RM-E7G28
Preliminary free-flight investigation of the effect of airfoil section on aileron rolling effectiveness at transonic and supersonic speeds	Sandahl, Carl A	25-Jun-48	19930085348	NACA-RM-L8B26
A two-dimensional cascade study of the aerodynamic characteristics of a turbine-rotor blade suitable for air cooling	Plohr, Henry W; Hauser, Cavour H	20-Sep-51	19930086855	NACA-RM-E51G18
Analysis of limitations imposed on one-spool turbojet-engine designs by turbines having downstream stators at 0, 2.0, and 2.8 flight Mach numbers	Cavicchi, Richard H; Constantine, Anita B	19-Jan-54	19930090490	NACA-RM-E54J14
Study of stress states in gas-turbine disk as determined from measured operating-temperature distributions	Millenson, M B; Manson, S S; Farmer, J Elmo	21-Jul-48	19930085332	NACA-RM-E8C16
Theoretical performance of liquid hydrazine and liquid fluorine as a rocket propellant	Gordon, Sanford; Huff, Vearl N	3-Jul-53	19930087698	NACA-RM-E53E12
Heat-transfer processes in liquid-cooled engine cylinders I : correlation of single-cylinder engine temperatures under forced-convection cooling conditions	Bernardo, Everett	1-Jan-46	19930093141	NACA-WR-E-131, NACA-ARR-E5J31
Investigation of the I-40 jet-propulsion engine in the Cleveland altitude wind tunnel II : analysis of compressor performance characteristics	Dietz, Robert O; Geisenheyner, Robert M	26-Aug-48	19930085406	NACA-RM-E8G02a
Low-speed investigation of several types of split flap on a 47.7 degree sweptback-wing - fuselage combination of aspect ratio 5.1 at a Reynolds number of 6.0×10^6	Spooner, Stanley H; Mollenberg, Ernst F	10-Jul-51	19930086609	NACA-RM-L51D20
Flight measurements of aerodynamic loads on the horizontal tail surface of a fighter-type airplane	Garvin, John B	1-Nov-47	19930082141	NACA-TN-1483

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Lift, drag, and pitching moment of low-aspect-ratio wings at subsonic and supersonic speeds : twisted and cambered triangular wing of aspect ratio 2 with NACA 0005-63 thickness distribution	Heitmeyer, John C; Petersen, Robert B	10-Apr-52	19930087031	NACA-RM-A52B08
Analytical method for determining transmission and absorption of time-dependent radiation through thick absorbers III : absorber with radioactive daughter products	Allen, G	1-Jun-50	19930082811	NACA-TN-2108
Analytical comparison of turbine-blade cooling systems designed for a turbojet engine operating at supersonic speed and high altitude I : liquid-cooling systems	Schramm, Wilson B; Nachtigall, Alfred J; Arne, Vernon L	20-Feb-53	19930087356	NACA-RM-E52J29
Hydrodynamic characteristics over a range of speeds up to 80 feet per second of a rectangular modified flat plate having an aspect ratio of 0.25 and operating at several depths of submersion	Vaughan, Victor L , Jr; Ramsen, John A	1-Apr-57	19930084804	NACA-TN-3908
Low-speed investigation of a semisubmerged air scoop with and without boundary-layer suction	Pierpont, P Kenneth; Howell, Robert R	23-Feb-51	19930093829	NACA-RM-L50H15
Wind-tunnel investigation of a ram-jet missile model having a wing and canard surfaces of delta plan form with 70 degrees swept leading edges : force and moment characteristics of various combinations of components at a Mach number of 1.6	Sevier, John R , Jr; Hamilton, Clyde V; Driver, Cornelius	9-Mar-53	19930087490	NACA-RM-L53A14
Performance of separation nose inlets at Mach number 5.5	Haefeli, Rudolph C; Bernstein, Harry	1-Dec-53	19930090485	NACA-RM-E53I23
Experimental investigation of flow in the rotating passages of a 48-inch impeller at low tip speeds	Michel, Donald J; Ginsberg, Ambrose; Mizisin, John	26-Jun-51	19930086604	NACA-RM-E51D20
Low-lift buffet characteristics obtained from flight tests of unswept thin intersecting surfaces and of thick 35 degree sweptback surfaces	Mason, Homer P	16-Jan-53	19930087310	NACA-RM-L52H12
Experimental determination of local and mean coefficients of heat transfer for turbulent flow in pipes	Aladyev, I T	1-Feb-54	19930093874	NACA-TM-1356
Boundary-layer transition at high Reynolds numbers as obtained in flight of a 20 degree cone-cylinder with wall to local stream temperature ratios near 1.0	Rabb, Leaonard; Disher, John H	3-Nov-55	19930088881	NACA-RM-E55I15
Effect of variation in diameter and pitch of rivets on compressive strength of panels with Z-section stiffeners: panels of various stiffener spacings that fail by local buckling	Dow, Norris F; Hickman, William A	1-Oct-47	19930082105	NACA-TN-1467
A new shadowgraph technique for the observation of conical flow phenomena in supersonic flow and preliminary results obtained for a triangular wing	Love, Eugene S; Grigsby, Carl E	1-May-53	19930083943	NACA-TN-2950
Effect of windshield shape of a pilot's canopy on the drag of an NACA RM-2 drag research model in flight at transonic speeds	ALEXANDER SIDNEY R	21-Jul-48	19930085450	NACA-RM-L8E04
Wind-tunnel investigation of mutual interference loads on a supersonic bomber configuration and store during separation at Mach numbers of 1.57, 1.77, and 2.01 : COORD. No. AF-AM-91	Morris, Owen G; Turner, Kenneth L	25-Oct-57	19930090097	NACA-RM-SL57J16a

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An investigation of supersonic store interference in the vicinity of a 22 degree swept-wing-fuselage configuration at Mach numbers of 1.61 and 2.01	Geier, Douglas J	24-Feb-58	19930089971	NACA-RM-L57L18
Analytical study of static and low-speed performance of thin propellers using two-speed gear ratios to obtain optimum rotational speeds	Gilman, Jean, Jr	5-Nov-52	19930087315	NACA-RM-L52I09
Application of several methods for determining transfer functions and frequency response of aircraft from flight data	Eggleston, John M; Mathews, Charles W	1-Sep-53	19930083749	NACA-TN-2997
Analysis of the effects of wing interference on the tail contributions to the rolling derivatives	Michael, William H , Jr	1-Apr-51	19930082937	NACA-TN-2332
The spanwise distribution of lift for minimum induced drag of wings having a given lift and a given bending moment	Jones, Robert Thomas	1-Dec-50	19930082889	NACA-TN-2249
Analysis of the effects of boundary-layer control on the power-off landing performance characteristics of a liaison type of airplane	Horton, Elmer A; Loftin, Laurence K , Jr; Racisz, Stanley F	1-Aug-50	19930082921	NACA-TN-2143
Effect of fuel injector location and mixture control on performance of a 16-inch ram-jet can-type combustor	Cervenka, A J; Perchonok, Eugene; Dangle, E E	29-Jul-53	19930087621	NACA-RM-E53F15
Experimental investigation of the effects of root restraint on the flutter of a sweptback, uniform, cantilever wing with a variably located concentrated mass	Tomassoni, John E; Nelson, Herbert C	31-Mar-50	19930086124	NACA-RM-L9J21a
Altitude-chamber performance of British Rolls-Royce Nene II engine I : standard 18.75-inch-diameter jet nozzle	Barson, Zelmar; Wilsted, H D	23-Sep-49	19930086012	NACA-RM-E9I23
On the design of airfoils in which the transition of the boundary layer is delayed	Tani, Itiro	1-Oct-52	19930093879	NACA-TM-1351
Free-flight investigation at transonic and supersonic speeds of a wing-aileron configuration simulating the D-558-2 airplane	Sandahl, Carl A	21-Jul-48	19930085394	NACA-RM-L8E28
Experimental drag coefficients of round noses with conical windshields at Mach number 2.72	Jones, Jim J	28-Jun-55	19930088751	NACA-RM-L55E10
Comparison between theoretical and experimental stresses in circular semimonocoque cylinders with rectangular cutouts	Mccomb, Harvey G , Jr; Low, Emmet F , Jr	1-Oct-55	19930084293	NACA-TN-3544
A visualization study of secondary flows in cascades	Hansen, Arthur G; Herzig, Howard Z; Costello, George R	1-May-53	19930083930	NACA-TN-2947
Fatigue tests on notched and unnotched sheet specimens of 2024-T3 and 7075-T6 aluminum alloys and of SAE 4130 steel with special consideration of the life range from 2 to 10,000 cycles	Illg, Walter	1-Dec-56	19930084699	NACA-TN-3866
Relative structural efficiencies of flat balsa-core sandwich and stiffened-panel construction	Hubka, Ralph E; Dow, Norris F; Seide, Paul	1-Oct-51	19930083261	NACA-TN-2514
Investigation at supersonic speeds of a translating-spike inlet employing a steep-lip cowl	Gorton, Gerald C	11-Oct-54	19930089376	NACA-RM-E54G29
A study of visual interception attacks on a nonmaneuvering airplane target	Cheatham, Donald C; Mathews, Charles W; Harper, John A	2-Jul-53	19930090464	NACA-RM-L53E01

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Experimental investigation of loss in an annular cascade of turbine-nozzle blades of free vortex design	Allen, Hubert W; Kofskey, Milton G; Chamness, Richard E	1-Jan-53	19930083728	NACA-TN-2871
Properties of honeycomb cores as affected by fiber type, fiber orientation, resin type, and amount	Seidl, R J; Fahey, D J	1-Nov-51	19930083282	NACA-TN-2564
Spectrum of turbulence in a contracting stream	Ribner, H S; Tucker, M	1-Jan-52	19930083342	NACA-TN-2606
Flight measurements with the Douglas D-558-II (BuAero No. 37974) research airplane : measurements of wing loads at Mach numbers up to 0.87	Mayer, John P; Valentine, George M; Swanson, Beverly J	26-Dec-50	19930086311	NACA-RM-L50H16
Generalized tables of corrections to thermodynamic properties for nonpolar gases	Woolley, Harold W; Benedict, William S	1-Mar-56	19930084103	NACA-TN-3272
Investigation of the effectiveness of boundary-layer control by blowing over a combination of sliding and plain flaps in deflecting a propeller slipstream downward for vertical take-off	Spreemann, Kenneth P; Kuhn, Richard E	1-Dec-56	19930084788	NACA-TN-3904
Resistance of six cast high-temperature alloys to cracking caused by thermal shock	Whitman, M J; Hall, R W; Yaker, C	1-Feb-50	19930082694	NACA-TN-2037
Lift, drag and pitching moment of low-aspect-ratio wings at subsonic and supersonic speeds : plane tapered wing of aspect ratio 3.1 with 3 percent thick rounded nose section	Heitmeyer, John C	9-Jul-52	19930087211	NACA-RM-A52D23
Application of an ultraviolet spectrophotometric method to the estimation of alkyl naphthalenes in 10 experimental jet-propulsion fuels	Cleaves, Alden P; Carver, Mildred S	30-Apr-47	19930085610	NACA-RM-E6K08
Experimental study of shock-positioning method of ram-jet-engine control	Hurrell, Herbert G; Vasu, George; Dunbar, William R	29-Aug-55	19930088886	NACA-RM-E55F21
Band-pass shock and vibration absorbers for application to aircraft landing gear	Schnitzer, Emanuel	1-Oct-56	19930084562	NACA-TN-3803
Investigation of NACA 4-(0)(03)-045 and NACA 4-(0)(08)-045 two-blade propellers at forward Mach numbers to 0.925	Delano, James B; Carmel, Melvin M	18-Jan-50	19930086115	NACA-RM-L9L06a
Experimental investigation of axial and normal force characteristics of skewed nozzles	Carter, David J , Jr; Vick, Allen R	1-Sep-58	19930085226	NACA-TN-4336
Air-flow characteristics of brazed and rolled wire filter cloth for transpiration-cooled afterburners	Koffel, William K	26-Oct-53	19930087669	NACA-RM-E53H24
Investigation of Reynolds number on over-all performance of an eight-stage axial-flow research compressor with two transonic inlet stages	Geye, Richard P; Lucas, James G	15-Feb-57	19930089630	NACA-RM-E56L11a
A brief summary of experience in boosting aerodynamic research models	Thibodaux, Joseph G , Jr	27-Jul-56	19930089397	NACA-RM-L56E28
Determination of rate, area, and distribution of impingement of water drops on various airfoils from trajectories obtained on the differential analyzer	Guibert, A G; Robbins, W M; Janssen, E	16-Feb-49	19930085849	NACA-RM-9A05
Vibration survey of NACA 24-inch supersonic axial-flow compressor	Meyer, Andre J , Jr; Hanson, Morgan P	30-Jul-48	19930085415	NACA-RM-E8D30
Performance of JP-4 fuel with fluorine-oxygen mixtures in 1000-pound-thrust rocket engines	Nored, Donald L; Douglass, Howard W	11-Jun-58	19930090065	NACA-RM-E58C18
Analysis of V-g data obtained from several naval airplanes	Thornton, James O	7-Jul-50	19930086199	NACA-RM-L9L13

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The aerodynamic characteristics at transonic speeds of an all-movable, tapered, 45 degrees sweptback, aspect-ratio-4 tail surface deflected about a skewed hinge axis	Hammond, Alexander D; Watson, James M	3-Jul-52	19930086991	NACA-RM-L52D28
Results obtained during extension of U.S. Air Force transonic-flight tests of XS-1 airplane	Goodman, Harold R; Drake, Hubert M	16-Nov-48	19930085618	NACA-RM-L8I28
An investigation of forward-located fixed spoilers and deflectors as gust alleviators on an unswept-wing model	Croom, Delwin R; Shufflebarger, C C; Huffman, Jarrett K	1-Jun-56	19930084470	NACA-TN-3705
Investigation of jet effects on a flat surface downstream of the exit of a simulated turbojet nacelle at a free-stream Mach number of 1.39	Bressette, Walter E; Leiss, Abraham	2-Apr-56	19930088995	NACA-RM-L55L13
Experimental study of loop-scavenged compression-ignition cylinder for gas-generator use	Foster, Hampton H; Tauschek, Max J; Schuricht, F Ralph	4-Apr-49	19930085548	NACA-RM-E8L30
Effect of aerodynamic refinement on the aerodynamic characteristics of a flying-boat hull	Riebe, John M; Naeseth, Rodger L	1-Jun-47	19930081949	NACA-TN-1307
Analysis of Spark-Ignition Engine Knock as Seen in Photographs Taken at 200,000 Frames Per Second	Miller, Cearcy D.; Olsen, H. Lowell; Logan, Walter O., Jr.; Osterstrom, Gordon E	1-May-46	19930093250	NACA-WR-E-239, NACA-ARR-E6D23
Isentropic phase changes in dissociating gases and the method of sound dispersion for the investigation of homogeneous gas reactions with very high speed	Damkohler, Gerhard	1-Sep-50	19930093962	NACA-TM-1268
Comparison of the control-force characteristics of two types of lateral-control system for large airplanes	Deters, Owen J	1-Sep-47	19930082073	NACA-TN-1441
Boundary-layer growth and shock attenuation in a shock tube with roughness	Huber, Paul W; Mcfarland, Donald R	1-Mar-56	19930084372	NACA-TN-3627
The attenuation characteristics of four specially designed mufflers tested on a practical engine setup	Stokes, George M; Davis, Don D , Jr	1-May-53	19930083683	NACA-TN-2943
Preliminary investigation of hydrazine as a rocket fuel	Ordin, Paul M; Miller, Riley O; Diehl, John M	24-May-48	19930085697	NACA-RM-E7H21
Flight test of a radial-burning solid-fuel ram jet	Bartlett, Walter A , Jr; Dettwyler, H Rudolph	10-Dec-52	19930090429	NACA-RM-L52K03
Translational motion of bodies under the free surface of a heavy fluid of finite depth	Haskind, M D	1-Jun-52	19930093885	NACA-TM-1345
Correlations of heat-transfer data and of friction data for interrupted plane fins staggered in successive rows	Manson, S V	1-Dec-50	19930082879	NACA-TN-2237
Investigation of turbines for driving supersonic compressors I : design and performance of first configuration	Stewart, Warner L; Schum, Harold J; Whitney, Warren J	17-Jun-52	19930087187	NACA-RM-E52C25
Effect of overheating on creep-rupture properties of M-252 alloy	Rowe, John P; Freeman, J W	1-Mar-58	19930085160	NACA-TN-4224
Icing limit and wet-surface temperature variation for two airfoil shapes under simulated high-speed flight conditions	Coles, Willard D	1-Feb-55	19930084131	NACA-TN-3396
Comparison between prediction and experiment for all-movable wing and body combinations at supersonic speeds - drag due to lift and lift-drag ratio	Katzen, Elliott D; Pitts, William C	5-Dec-52	19930087328	NACA-RM-A52I30

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Status of combustion research on high-energy fuels for ram jets	Olson, Walter T; Gibbons, Louis C	3-Oct-51	19930086622	NACA-RM-E51D23
Turbulence and temperature fluctuations behind a heated grid	Mills, R R , Jr; Kistler, A L; O'Brien, V; Corrsin, S	1-Aug-58	19930085119	NACA-TN-4288
Heat-exchanger-core weights for use with hydrogen expansion turbine	Reynolds, Thaine W	3-Oct-57	19930089862	NACA-RM-E57H09
Theory of dynamic creep	Predvoditelev, A A; Smirnov, B A	1-Sep-55	19930093900	NACA-TM-1330
Preliminary flight-determined pressure distributions over the wing of the Douglas X-3 research airplane at subsonic and transonic Mach numbers	Jordan, Gareth H; Hutchins, Kenneth, Jr	5-Jan-55	19930088623	NACA-RM-H55A10
Free-flight performance of a rocket-boosted, air-launched 16-inch-diameter ram-jet engine at Mach numbers up to 2.20	Disher, John H; Kohl, Robert C; Jones, Merle L	3-Feb-53	19930087445	NACA-RM-E52L02
Effect of vertical position of the wing on the aerodynamic characteristics of three wing-body combinations	Heitmeyer, John C	18-Feb-53	19930087430	NACA-RM-A52L15a
Hydrodynamic impact loads in smooth water for a prismatic float having an angle of dead rise of 30 degrees	Miller, Robert W; Leshnover, Samuel	1-Jun-47	19930082110	NACA-TN-1325
Free-flight investigation of jet effect on the low-lift drag and longitudinal trim of a supersonic interceptor-type airplane configuration with an overhanging tail boom at Mach numbers from 1.09 to 1.34	Blanchard, Willard S , Jr	19-Sep-57	19930089779	NACA-RM-L57G11
Wind-tunnel investigation at Mach 1.9 of multijet-missile base pressures	Baughman, L Eugene	1-Mar-55	19930088555	NACA-RM-E54L14
The free-stream boundaries of turbulent flows	Corrsin, Stanley; Kistler, Alan L	1-Jan-54	19930083951	NACA-TN-3133
Theoretical analysis of incompressible flow through a radial-inlet centrifugal impeller at various weight flows I : solution by a matrix method and comparison with an approximate method	Prian, Vasily D; Kramer, James J; Wu, Chung-Hua	1-Jun-55	19930084357	NACA-TN-3448
Radiation and recovery corrections and time constants of several chromel-alumel thermocouple probes in high-temperature, high-velocity gas streams	Glawe, George E; Simmons, Frederick S; Stickney, Truman M	1-Oct-56	19930084456	NACA-TN-3766
Experimental measurements of forces and moments on a two-dimensional oscillating wing at subsonic speeds	Clevenson, Sherman A; Widmayer, Edward, Jr	1-Jun-56	19930084420	NACA-TN-3686
Control requirements and control parameters for a ram jet with variable-area exhaust nozzle	Boksenbom, Aaron S; Novik, David	17-Nov-48	19930085458	NACA-RM-E8H24
Charts for the conical part of the downwash field of swept wings at supersonic speeds	Nielsen, Jack N; Perkins, Edward W	1-Dec-48	19930082452	NACA-TN-1780
The NACA oil-damped V-G recorder	Taback, Israel	1-Oct-50	19930082843	NACA-TN-2194
Tank tests of a 1/10-size model of a hypothetical flying boat with a hull length-beam ratio of 9.0	Haar, Marvin I	1-Jul-48	19930082265	NACA-TN-1648
Investigation of control signals for variable ramps of twin-duct side inlets	Beheim, Milton A; Yeager, Richard A	16-Jan-58	19930089810	NACA-RM-E57G22
Analysis of ram-jet engine performance including effects of component changes	Weber, Richard J; Luidens, Roger W	29-Oct-56	19930089332	NACA-RM-E56D20
Dynamic stability investigation of two right circular cylinders in axial free-flight at Mach numbers from 0.4 to 1.7 : fineness-ratio-2.56 cylinder and fineness-ratio-4.0 cylinder with flared afterbody	Mcfall, John C , Jr	28-Feb-57	19930089665	NACA-RM-L56L28

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Effect of sweepback on the low-speed static and rolling stability derivatives of thin tapered wings of aspect ratio 4	Letko, William; Wolhart, Walter D	9-Aug-49	19930085889	NACA-RM-L9F14
Comparison of wind-tunnel, rocket, and flight drag measurements for eight airplane configurations at Mach numbers between 0.7 and 1.6	Purser, Paul E	16-Sep-54	19930088278	NACA-RM-L54F18
Spin-tunnel investigation of the effects of mass and dimensional variations on the spinning characteristics of a low-wing single-vertical-tail model typical of personal-owner airplanes	Klinar, Walter J; Wilson, Jack H	1-May-51	19930083028	NACA-TN-2352
Initial experiments on the aerodynamic cooling associated with large-scale vortical motions in supersonic flow	Eggers, A J , Jr; Hermach, C A	8-Mar-55	19930088797	NACA-RM-A54L13
Measurements of the effect of trailing-edge thickness on the zero-lift drag of thin low-aspect-ratio wings	Morrow, John D	1-Nov-55	19930084314	NACA-TN-3550
Aerodynamic characteristics of a small-scale shrouded propeller at angles of attack from 0 to 90 degrees	Parlett, Lysle P	1-Nov-55	19930084303	NACA-TN-3547
Wind-tunnel investigation of horizontal tails I : unswept and 35 degrees swept-back plan forms of aspect ratio 3	Dods, Jules B , Jr	22-Apr-48	19930085810	NACA-RM-A7K24
Flight tests of a double-hinged horizontal tail surface with reference to longitudinal-stability and control characteristics	Hanson, Carl M; Anderson, Seth B	1-May-47	19930082170	NACA-TN-1224
Improvement of high-temperature properties of magnesium-cerium forging alloys	Grube, K; Davis, J A; Eastwood, L W	1-May-50	19930082804	NACA-TN-2097
Variation with temperature of surface tension of lubricating oils	Ross, Sydney	1-Feb-50	19930082687	NACA-TN-2030
Aerodynamic characteristics of several tip controls on a 60 degree wing at a Mach number of 1.61	Lord, Douglas R; Czarnecki, K R	5-Aug-54	19930088085	NACA-RM-L54E25
Effects of Reynolds number and leading-edge shape on the low-speed longitudinal stability of a 6-percent-thick 45 degree sweptback wing	Schneider, William C	18-Apr-56	19930089158	NACA-RM-L56B14
Aerodynamic characteristics in pitch of several triple-body missile configurations at Mach numbers 0.6 to 1.4	Knechtel, Earl D; Andrea, Arvid N	2-Nov-56	19930089481	NACA-RM-A56H31
Influence of leading-edge suction on lift-drag ratios of wings at supersonic speeds	Cohen, Clarence B	1-Oct-48	19930082410	NACA-TN-1718
Altitude-wind-tunnel investigation of various can-type burners in Bumblebee 18-inch ram jet	Dupree, D T; Nussdorfer, T J; Sterbentz, W H	16-Mar-49	19930093768	NACA-RM-E8L20
Performance evaluation of reduced-chord rotor blading as applied to J23 two-stage turbine VI : stage performance with standard rotor blading at inlet conditions of 35 inches of mercury absolute and 700 R	Davidson, Elmer H; Schum, Harold J	11-Jul-57	19930088376	NACA-RM-E54G02
A wind-tunnel investigation of the effect of nose ring spoilers on a low-speed slowly spinning fin-stabilized rocket	Lichtenstein, Jacob H	20-Jul-56	19930089577	NACA-RM-SL56G16

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Turboprop-engine design considerations II : design requirements and performance of turboprop engines with a single-spool high-pressure-ratio compressor	Davison, Elmer H; Stalla, Margaret C	23-May-55	19930088712	NACA-RM-E55B18
Preliminary investigation of a technique for stability studies of a self-propelled model of a submerged submarine	Mckann, Robert E; Petynia, William W	15-Apr-54	19930088253	NACA-RM-SL54D21
Recent design studies directed toward elimination of pitch-up	Weil, Joseph; Gray, W H	18-Nov-53	19930087926	NACA-RM-L53I23c
Preliminary investigation of some internal boundary-layer-control systems on a side inlet at Mach number 2.96	Piercy, Thomas G	18-Feb-55	19930088464	NACA-RM-E54K01
An investigation of cowl inlets for the B-29 power-plant installation	Saari, Martin J	1-Jan-46	19930093587	NACA-WR-E-205, NACA-MR-E5K30
Stress and distortion measurements in a 45 degree swept box beam subjected to bending and to torsion	Zender, George; Libove, Charles	1-Mar-48	19930082209	NACA-TN-1525
Pressure and force characteristics at transonic speeds of a submerged divergent-walled air inlet on a body of revolution	Braden, John A; Pierpont, P Kenneth	6-May-53	19930087772	NACA-RM-L53C13
Oscillating hinge moments and flutter characteristics of a flap-type control surface on a 4-percent-thick unswept wing with low aspect ratio at transonic speeds	Thompson, Robert F; Moseley, William C , Jr	23-Feb-56	19930089197	NACA-RM-L55K17
Transonic wind-tunnel tests of the launch, jettison, and longitudinal characteristics of an airplane- and missile-model combination	Dewey, C Forbes, Jr; Cleary, Joseph W; Frank, Joseph L	20-Nov-57	19930090570	NACA-RM-A57G01
An investigation at Mach numbers of 1.62 and 1.93 of the lift effectiveness and integrated downwash characteristics of several in-line missile configurations having equal-span wings and tails	Grigsby, Carl E	11-Apr-52	19930087852	NACA-RM-L52A02
Critical combinations of torsion and direct axial stress for thin-walled cylinders	Batdorf, S B; Stein, Manuel; Schildcrout, Murry	1-Jun-47	19930081972	NACA-TN-1345
Low-speed wind-tunnel investigation of lateral control characteristics of a 60 degrees triangular-wing model having half-delta tip controls	Jaquet, Byron M; Queijo, M J	27-Nov-51	19930086823	NACA-RM-L51I10
High-altitude performance of an experimental turbular prevaporizing combustor	Butze, Helmut	9-Dec-54	19930088476	NACA-RM-E54I10
Some measurements of aerodynamic forces and moments at subsonic speeds on a wing-tank configuration oscillating in pitch about the wing midchord	Clevenson, Sherman A; Leadbetter, Sumner A	1-Dec-56	19930084524	NACA-TN-3822
An Analytical and Experimental Investigation of the Skin Friction of the Turbulent Boundary Layer on a Flat Plate at Supersonic Speeds	Rubesin, Morris W; Maydew, Randall C; Varga, Steven A	1-Feb-51	19930082975	NACA-TN-2305
Aerodynamic characteristics of a 6-percent-thick symmetrical circular-arc airfoil having a 30-percent-chord trailing-edge flap at a Mach number of 6.9	Ridyard, Herbert W; Fetterman, David E , Jr	5-May-56	19930089171	NACA-RM-L56B24
Experimental investigation of the damping in roll of cruciform triangular wing-body combinations at Mach numbers from 1.5 to 6.0	Boissevain, Alfred G	7-Apr-54	19930088092	NACA-RM-A54B15a
An analysis of statically indeterminate trusses having members stressed beyond the proportional limit	Wilder, Thomas W , III	1-Feb-53	19930083787	NACA-TN-2886

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Effect of a fuselage on the low-speed longitudinal aerodynamic characteristics of a 45 degree sweptback wing with double slotted flaps	Naeseth, Rodger L	28-Sep-56	19930089265	NACA-RM-L56G02
Fatigue-crack-propagation and residual-static-strength results on full-scale transport-airplane wings	Whaley, Richard E; Mcguigan, M J , Jr; Bryan, D F	1-Dec-56	19930084580	NACA-TN-3847
Some possibilities of using gas mixtures other than air in aerodynamic research	Chapman, Dean R	1-Aug-54	19930084156	NACA-TN-3226
Flight measurements with the Douglas D-558-II (BuAero No. 37974) research airplane : lateral control characteristics as measured in abrupt aileron rolls at Mach numbers up to 0.86	Wilmerding, J V; Stillwell, W H; Sjoberg, S A	20-Jul-50	19930086145	NACA-RM-L50E17
Performance of a double-cone inlet with and without a shroud at below-design Mach numbers	Pennington, Donald; Rabb, Leonard; Simpkinson, Scott H	3-Mar-55	19930090332	NACA-RM-E54L27
Hinge-moment, lift, and pitching-moment characteristics of a flap-type control surface having various hinge-line locations on a 4-percent-thick 60 degree delta wing : transonic bump method	Thompson, Robert F	24-Mar-54	19930088124	NACA-RM-L54B08
Investigation at Mach number 2.93 of half of a conical-spike diffuser mounted as a side inlet with boundary-layer control	Piercy, Thomas G; Johnson, Harry W	10-Sep-52	19930087229	NACA-RM-E52G23
Free-flight tests of 45 degree swept wings of aspect ratio 3.15 and taper ratio 0.54 to measure wing damping of the first bending mode and to investigate the possibility of flutter at transonic speeds	O'Kelly, Burke R; Lundstrom, Reginald R; Lauten, William T , Jr	12-Oct-54	19930088204	NACA-RM-L54C22
Theoretical aerodynamic characteristics of bodies in a free-molecule-flow field	Stalder, Jackson R; Zurick, Vernon J	1-Jul-51	19930083019	NACA-TN-2423
The effect of the propeller slipstream on the characteristics of submerged inlets	Delany, Noel K	9-Sep-49	19930090380	NACA-RM-A9G15
Stability of two rocket-propelled models having aspect-ratio-5 unswept tails on a long body for the Mach number range of 1.7 to 2.4	Lundstrom, Reginald R	27-Mar-57	19930089523	NACA-RM-L57A31a
A self-excited, alternating-current, constant-temperature hot-wire anemometer	Shepard, Charles E	1-Apr-55	19930084121	NACA-TN-3406
Experimental investigation of two-dimensional tunnel-wall interference at high subsonic speeds	Knechtel, Earl D	1-Dec-53	19930083822	NACA-TN-3087
Wing load distribution on a swept wing airplane in flight at Mach numbers up to 1.11, and comparison with theory	Rolls, L Stewart; Matteson, Frederick H	14-Apr-52	19930086960	NACA-RM-A52A31
Free-flight zero-lift drag-rise measurements of equivalent bodies of revolution of several versions of the Douglas XF4D-1 airplane at transonic speeds : TED No. NACA AD 394	Mitcham, Grady L	4-Nov-54	19930088412	NACA-RM-SL54K09
Effect of centrifugal force on flutter of uniform cantilever beam at subsonic speeds with application to compressor and turbine blades	Mendelson, Alexander	1-Jun-49	19930082574	NACA-TN-1893
Adaptation of Combustion Principles to Aircraft Propulsion. Volume I; Basic Considerations in the Combustion of Hydrocarbon Fuels with Air	Barnett, Henry C (Editor); Hibbard, Robert R (Editor)	1-Apr-55	19930088526	NACA-RM-E54I07

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Experimental investigation of the effects of some shroud design variables on the static thrust characteristics of a small-scale shrouded propeller submerged in a wing	Taylor, Robert T	1-Jan-58	19930084866	NACA-TN-4126
Effect of large negative dihedral of the horizontal tail on longitudinal and lateral stability characteristics of a swept-wing configuration at transonic speeds	Arabian, Donald D	17-Jan-56	19930088931	NACA-RM-L55I20
Investigation of the I-40 jet-propulsion engine in the Cleveland altitude wind tunnel I : performance and windmilling drag characteristics	Gendler, Stanley L; Koffel, William K	24-Aug-48	19930085403	NACA-RM-E8G02
Spark ignition of flowing gases III : effect of turbulence promoter on energy required to ignite a propane-air mixture	Swett, Clyde C , Jr; Donlon, Richard H	14-Jan-53	19930087353	NACA-RM-E52J28
Further study of metal transfer between sliding surfaces	Burwell, John T; Strang, Charles D , Jr	1-Jan-51	19930082934	NACA-TN-2271
Transient temperature distribution in an aerodynamically heated multiweb wing	Griffith, George E	17-Jul-53	19930087642	NACA-RM-L53E27a
Wind-tunnel investigation of a number of total-pressure tubes at high angles of attack : subsonic speeds	Gracey, William; Letko, William; Russell, Walter R	26-Sep-50	19930086308	NACA-RM-L50G19
Wind-tunnel investigation of the aerodynamic characteristics in pitch and sideslip at high subsonic speeds of a wing fuselage combination having a triangular wing of aspect ratio 4	Fournier, Paul G	28-Aug-53	19930087666	NACA-RM-L53G14a
Jet effects on the drag of conical afterbodies for Mach numbers of 0.6 to 1.28	Cubbage, James M , Jr	12-Apr-57	19930089627	NACA-RM-L57B21
Flight determination of the effects of rudder-pedal-force characteristics on the aiming error in azimuth of a conventional fighter airplane	Winograd, Lee; Van Dyke, Rudolph D , Jr	5-Jul-50	19930086196	NACA-RM-A50D06
The flow past an unswept-and a swept-wing-body combination and their equivalent bodies of revolution at Mach numbers near 1.0	Lindsey, Walter F	1-Jun-56	19930084467	NACA-TN-3703
Theoretical performance of liquid ammonia, hydrazine, and mixture of liquid ammonia and hydrazine as fuels with liquid oxygen bifluoride as oxidant for rocket engines III : liquid ammonia	Huff, Vearl N; Gordon, Sanford	7-Oct-52	19930087325	NACA-RM-E52H14
Influence of boric oxide deposition on turbojet-engine operation	Useller, James W; Burley, Richard R; Velie, Wallace W	15-Feb-57	19930088620	NACA-RM-E55B09
The hydrodynamic characteristics of an aspect-ratio-0.125 modified rectangular flat plate operating near a free water surface	Ramsen, John A; Vaughan, Victor L , Jr	1-Oct-54	19930083948	NACA-TN-3249
Performance of a ram-jet-type combustor with flame holders immersed in the combustion zone	Breitwieser, Roland	1-Nov-48	19930085455	NACA-RM-E8F21
Direct-reading design charts for 24S-T aluminum-alloy flat compression panels having longitudinal straight-web Y-section stiffeners	Dow, Norris F; Hubka, Ralph E; Roberts, William M	1-Jan-49	19930082449	NACA-TN-1777
A statistical analysis of gust-velocity measurements as affected by pilots and airplanes	Press, Harry	1-Jun-48	19930082262	NACA-TN-1645
Theoretical analysis of total-pressure loss and airflow distribution for tubular turbojet combustors with constant annulus and liner cross-sectional areas	Graves, Charles C; Grobman, Jack S	4-Jan-57	19930089478	NACA-RM-E56I04

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Design and experimental investigation of a single-stage turbine with a rotor entering relative Mach number of 2	Moffitt, Thomas P	15-Sep-58	19930093765	NACA-RM-E58F20a
Recent experiences with flutter failure of sweptback, tapered wings having outboard, partial-span spoiler controls	Strass, H Kurt; Marley, Edward T	5-Oct-53	19930087923	NACA-RM-L53H26
Calculation of uncoupled modes and frequencies in bending or torsion of nonuniform beams	Houbolt, John C; Anderson, Roger A	1-Feb-48	19930082206	NACA-TN-1522
The design of brittle-material blade roots based on theory and rupture tests of plastic models	Meyer, Andre J , Jr; Kaufman, Albert; Caywood, William C	6-Apr-53	19930087769	NACA-RM-E53C12
Time-history data of maneuvers performed by a Lockheed F-94B airplane during squadron operational training	Gainer, Patrick A; Huss, Carl R; Fisher, Raymond A	1-Jan-53	19930087849	NACA-RM-L53B27
Effect of a wing leading-edge flap and chord-extension on the high subsonic control characteristics of a spoiler-slot-deflector control located at two spanwise positions	Thompson, Robert F; Taylor, Robert T	19-Nov-54	19930088473	NACA-RM-L54I09
Investigation at high subsonic speeds of the effect of horizontal-tail location on longitudinal and lateral stability characteristics of a complete model having a sweptback wing in a high location	Silvers, H Norman; King, Thomas J , Jr	18-Apr-56	19930089168	NACA-RM-L56B10
Combustion performance of two experimental turbojet annular combustors at conditions simulating high-altitude supersonic flight	Zettle, Eugene V; Norgren, Carl T; Mark, Herman	26-Mar-54	19930088121	NACA-RM-E54A15
Preliminary investigation of the transfer of heat from a flat plate at a Mach number of 1.5	Emmons M A , JR; Blanchard, R F	13-Dec-51	19930086957	NACA-RM-L51H31
Some results of flight testing of ski-equipped aircraft at the Naval Air Test Center	Beck, Preston E	4-Feb-55	19930088523	NACA-RM-54J27
Free-jet tests of a 6.5-inch-diameter ram-jet engine at Mach numbers 1.81 and 2.00	Faget, Maxine A; Watson, Raymond S; Bartlett, Walter A , Jr	7-Mar-51	19930085400	NACA-RM-L50L06
Pressure measurements on a body of revolution in the Langley 16-foot transonic tunnel and a comparison with free-fall data	Hallissy, Joseph M , Jr	5-Mar-52	19930087920	NACA-RM-L51L07a
Investigation of a 10-stage subsonic axial-flow research compressor IV : individual stage performance characteristics	Budinger, Ray E; Serovy, George K	28-Apr-53	19930087766	NACA-RM-E53C11
A brief investigation of the effect of waves on the take-off resistance of a seaplane	Mottard, Elmo J	24-Apr-56	19930089165	NACA-RM-L56B09
Preliminary data on the transient characteristics of the YJ73-GE-3 turbojet engine with the PE-3A regulator	Dobson, Wilbur F; Harry, David P , III; Mcaulay, John E	29-Jan-54	19930088118	NACA-RM-SE54A14
Flight measurement of aerodynamic loads and moments on an external store mounted under the wing of a swept-wing fighter-type airplane	O'Bryan, Thomas C	25-Nov-53	19930087763	NACA-RM-L53G22
A preliminary investigation of the power requirements of slotted test sections	Dennard, John S	7-Jul-53	19930087760	NACA-RM-L53F10
Free-spinning and recovery characteristics of a 1/25-scale model of the Douglas F5D-1 airplane : TED No. NACA AD 3116	Bowman, James S , Jr	10-Oct-57	19930090102	NACA-RM-SL57J18

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Critical combinations of longitudinal and transverse direct stress for an infinitely long flat plate with edges elastically restrained against rotation	Libove, Charles	1-Mar-46	19930093359	NACA-WR-L-49, NACA-ARR-L6A05a
Aerodynamic characteristics at a Mach number of 6.8 of two hypersonic missile configurations, one with low-aspect-ratio cruciform fins and trailing-edge flaps and one with a flared afterbody and all-movable controls	Robinson, Ross B; Bernot, Peter T	4-Aug-58	19930090105	NACA-RM-L58D24
Axial-momentum theory for propellers in compressible flow	Vogeley, Arthur William	1-Jul-51	19930082778	NACA-TN-2164
Altitude performance of compressor, combustor, and turbine components of XT38-A-2 turboprop engine	Schulze, Frederick W; Prince, William R	27-Aug-54	19930088305	NACA-RM-E54E04
Rate of reaction of gaseous fluorine with water vapor at 35 C	Slabey, Vernon A; Fletcher, Edward A	1-Sep-58	19930085299	NACA-TN-4374
A relation of wind shear and insolation to the turbulence encountered by an airplane in clear-air flight at low altitudes	Thompson, James K	13-Sep-51	19930086798	NACA-RM-L51H07
Synthesis and hydrolysis-rate studies of decaborane derivatives	Lipschitz, A; Lucas, D	8-Oct-57	19930089870	NACA-RM-E57H07
A wind-tunnel investigation of the effects of thrust-axis inclination on propeller first-order vibration	Gray, W H; Hallissy, J M , Jr	9-May-50	19930093821	NACA-RM-L50D13
Summary of recent theoretical and experimental work on box-beam vibrations	Hedgepeth, John M	14-Jun-55	19930088743	NACA-RM-L55E09a
Investigation of interference lift, drag, and pitching moment of a series of triangular wing and body combinations at a Mach number of 1.62	Coletti, Donard E	27-May-55	19930088649	NACA-RM-L55B25
Tensile properties of AZ11A-0 magnesium-alloy sheet under rapid-heating and constant temperature	Kurg, Ivo M	1-Aug-56	19930084637	NACA-TN-3752
Tentative tables for the properties of the upper atmosphere	Warfield, Calvin N	1-Jan-47	19930081846	NACA-TN-1200
A special investigation to develop a general method for three-dimensional photoelastic stress analysis	Frocht, M M; Guernsey, R , Jr	1-Dec-52	19930083458	NACA-TN-2822
Stability and control characteristics at low speed of a 1/4-scale Bell X-5 airplane model : longitudinal stability and control	Kemp, William B , Jr; Becht, Robert E; Few, Albert G , Jr	14-Mar-50	19930086033	NACA-RM-L9K08
Results obtained during flights 1 to 6 of the Northrop X-4 airplane (A.F. no. 46-677)	Matthews, James T , Jr	12-Jan-50	19930086046	NACA-RM-L9K22
Calculation of surface temperatures in steady supersonic flight	Wood, George P	1-Dec-46	19930081809	NACA-TN-1114
Chemical igniters for starting jet fuel - nitric acid rockets	Morrell, Gerald; Ladanyi, Dezso J	8-Oct-57	19930089822	NACA-RM-E57G26
Charts for estimation of longitudinal-stability derivatives for a helicopter rotor in forward flight	Amer, Kenneth B; Gustafson, Frederic Bowen	1-Mar-51	19930082988	NACA-TN-2309
An active particle diffusion theory of flame quenching for laminar flames / Dorothy M. Simon and Frank E. Belles	Simon, Dorothy M; Belles, Frank E	4-Mar-52	19930086923	NACA-RM-E51L18
Use of main-inlet bypass to supply ejector exhaust nozzle at supersonic speeds	Hearth, Donald P	28-Feb-57	19930089590	NACA-RM-E56K08
The influence of blade-width distribution on propeller characteristics	Reid, Elliott G	1-Mar-49	19930082520	NACA-TN-1834
Approximate method of integration of laminar boundary layer in incompressible fluid	Loitsianskii, L G	1-Jul-51	19930093937	NACA-TM-1293

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Preliminary survey of possible methods for hypersonic aircraft	Esgar, Jack B; Hickel, Robert O; Stepka, Francis S	12-May-58	19930089976	NACA-RM-E57L19
Analysis of several methods of pumping cooling air for turbojet engine afterburners	Samuels, John C; Yanowitz, Herbert	2-Feb-53	19930087416	NACA-RM-E52K26
Compressibility effects on a hovering helicopter rotor having an NACA 0018 root airfoil tapering to an NACA 0012 tip airfoil	Powell, Robert D , Jr	25-Sep-57	19930089903	NACA-RM-L57F26
Experimental investigation at high subsonic speed of the rolling stability derivatives of a complete model having a clipped-delta wing and a high horizontal tail	Sleeman, William C , Jr; Few, Albert G , Jr	17-Feb-56	19930088969	NACA-RM-L55K11
Influence of crystal plane and surrounding atmosphere on chemical activities of single crystals of metals	Gwathmey, Allan T; Leidheiser, Henry; Smith, G Pedro	1-Jun-48	19930082096	NACA-TN-1460
An approximate analytical method for studying entry into planetary atmospheres	Chapman, Dean R	1-May-58	19930085059	NACA-TN-4276
Wind-tunnel tests of a 0.16-scale model of the X-3 airplane at high subsonic speeds : wing and fuselage pressure distribution	Cleary, Joseph W; Mellenthin, Jack A	22-Jun-50	19930086226	NACA-RM-A50D07
Effect of leading-edge-flap deflection on the wing loads, load distributions , and flap hinge moments of the Douglas X-3 research airplane at transonic speeds	Keener, Earl R; Mcleod, Norman J; Taillon, Norman V	15-Jul-58	19930090188	NACA-RM-H58D29
Analysis of two-stage counterrotating turbine efficiencies in terms of work and speed requirements	Wintucky, William T; Stewart, Warner L	18-Mar-58	19930090012	NACA-RM-E57L05
The effect of Reynolds number on the stalling characteristics and pressure distributions of four moderately thin airfoil sections	Mccullough, George B	1-Nov-55	19930084219	NACA-TN-3524
Drag of circular cylinders for a wide range of Reynolds numbers and Mach numbers	Gowen, Forrest E; Perkins, Edward W	19-Jun-52	19930087134	NACA-RM-A52C20
Calibration of altimeters under pressure conditions simulating dives and climbs	Johnson, Daniel P	1-Mar-48	19930082368	NACA-TN-1562
Transonic characteristics of outboard ailerons on a 4-percent-thick 30 degree sweptback wing, including some effects of aileron trailing-edge thickness and aerodynamic balance	Whitcomb, Charles F; Critzos, Chris C	9-Jul-58	19930090108	NACA-RM-L58E05
A fibrous-glass compact as a permeable material for boundary-layer control applications using area suction	Dannenberg, James A; Weiberg, James A; Gambucci, Bruno J	1-Jan-55	19930084080	NACA-TN-3388
A flight investigation of the effects of compressibility on applied gust loads	Binckley, E T; Funk, Jack	1-Aug-49	19930082612	NACA-TN-1937
Wing-tunnel investigation of effects of forward movements of transition on section characteristics of a low-drag airfoil with a 0.24-chord sealed plain aileron	Racisz, Stanley F; Cahill, Jones F	1-May-48	19930083114	NACA-TN-1582
Some transonic aerodynamic characteristics of a model similar to the McDonnell F3H-2N airplane : TED No. NACA DE 351	Crabill, Norman L; Jackson, Bruce G	18-May-56	19930089389	NACA-RM-SL56E15
Investigations on laminar boundary-layer stability and transition on curved boundaries	Liepmann, Hans W	1-May-46	19930093709	NACA-WR-W-107, NACA-ACR-3H30

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An investigation at high subsonic speeds of the effects of horizontal-tail height on the aerodynamic and loading characteristics in sideslip on a 45 degree sweptback, untapered tail assembly as determined from force tests and integrated vertical-tail	Wiley, Harleth G; Moseley, William C , Jr	28-Jun-55	19930088720	NACA-RM-L55E04
A discussion of the application of the Prandtl-Glauert method to subsonic compressible flow over a slender body of revolution	Lees, Lester	1-Sep-46	19930081823	NACA-TN-1127
Observation of laminar flow on a blunted 15 degree cone-cylinder in free flight at high reynolds numbers and free-stream mach numbers to 8.17	Disher, John H; Rabb, Leonard	15-Oct-56	19930089604	NACA-RM-E56G23
Wind-tunnel investigation at low speed of a 45 degree sweptback untapered semispan wing of aspect ratio 1.59 equipped with various 25-percent chord plain flaps	Johnson, Harold S; Hageman, John R	1-Aug-50	19930082781	NACA-TN-2169
Some effects of aileron span, aileron chord, and wing twist on rolling effectiveness as determined by rocket-powered model tests and theoretical estimates	Strass, H Kurt; Tucker, Warren A	14-Sep-54	19930088308	NACA-RM-L54G13
A simulator study of some longitudinal stability and control problems of a piloted aircraft in flights to extreme altitude and high speed	Matthews, Howard F; Merrick, Robert B	7-Sep-56	19930089426	NACA-RM-A56F07
Friction and wear with reactive gases at temperatures up to 1200 F	Allen, Gordon P; Buckley, Donald H; Johnson, Robert L	1-Sep-58	19930085105	NACA-TN-4316
Preliminary survey of propulsion using chemical energy stored in the upper atmosphere	Baldwin, Lionel V; Blackshear, Perry L	1-May-58	19930085302	NACA-TN-4267
Study of some burner cross-section changes that increase space-heating rates	Boldman, Donald R; Blackshear, Perry L , Jr	1-Nov-57	19930084985	NACA-TN-4162
Effect of leading-edge chord-extensions on subsonic and transonic aerodynamic characteristics of three models having 45 degrees sweptback wings of aspect ratio 4	Goodson, Kenneth W; Few, Albert G , Jr	21-Jan-53	19930087394	NACA-RM-L52K21
Investigation of turbines for driving supersonic compressors V : design and performance of third configuration with nontwisted rotor blades	Whitney, Warren J; Monroe, Daniel E; Stewart, Warner L	4-Sep-53	19930090460	NACA-RM-E53G27
Free-spinning tunnel investigation of the 1/21-scale model of the chance vought F7U-3 airplane : TED No. NACA DE 362	Klinar, Walter J; Healy, Frederick M	9-Nov-51	19930086801	NACA-RM-SL51J31
Effect of formation position on load factors obtained on F2H airplanes	Huss, Carl R; Hamer, Harold A	7-Dec-51	19930086987	NACA-RM-L51I05
Notes on heat-resistant materials in Britain from technical mission October 13 to November 30, 1950	Freeman, J W; Cross, Howard C	14-May-51	19930086618	NACA-RM-51D23
Measurement of static pressure on aircraft	Gracey, William	1-Nov-57	19930085115	NACA-TN-4184
Preliminary investigation of plate-type molybdenum disilicide fuel elements for an air-cycle nuclear reactor	Maxwell, W A	27-Mar-53	19930087441	NACA-RM-E52L18
Note on the theorems of Bjerknes and Crocco	Theodorsen, Theodore	1-May-46	19930081770	NACA-TN-1073

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Exploratory investigation of boundary-layer transition on a hollow cylinder at a Mach number of 6.9	Bertram, Mitchel H	1-May-56	19930084299	NACA-TN-3546
Investigation of the effect of impact damage on fatigue strength of jet-engine compressor rotor blades	Kaufman, Albert; Meyer, Andre J , Jr	1-Jun-56	19930084117	NACA-TN-3275
Some experiments on visualization of flow fields behind low-aspect-ratio wings by means of a tuft grid	Bird, John D; Riley, Donald R	1-May-52	19930083818	NACA-TN-2674
Static and impact strengths of riveted and spot-welded beams of Alclad 14S-T6, Alclad 75S-T6, and various tempers of Alclad 24S aluminum alloy	Grieshaber, H E	1-Aug-50	19930082774	NACA-TN-2157
Composition and thermodynamic properties of air in chemical equilibrium	Moeckel, W E; Weston, Kenneth C	1-Apr-58	19930085295	NACA-TN-4265
Comparison of theoretical and experimental zero-lift drag-rise characteristics of wing-body-tail combinations near the speed of sound	Holdaway, George H	16-Oct-53	19930090453	NACA-RM-A53H17
State and development of flutter calculation	Teichmann, Alfred	1-Mar-51	19930093933	NACA-TM-1297
The static and dynamic-rotary stability derivatives at subsonic speeds of a model of the X-15 research airplane	Lopez, Armando E; Tinling, Bruce E	15-Sep-58	19930090184	NACA-RM-A58F09
The effect of sample size on the determination of maximum gust velocities in clouds	Press, Harry	10-Oct-47	19930085721	NACA-RM-L7H27
Drag characteristics of rectangular and swept-back NACA 65-009 airfoils having aspect ratios of 1.5 and 2.7 as determined by flight tests at supersonic speeds	Alexander, Sidney R; Katz, Ellis	24-Feb-47	19930085725	NACA-RM-L6J16
Free-flight performance of 16-inch-diameter supersonic ram-jet units II : five units designed for combustion-chamber-inlet Mach number of 0.16 at free-stream Mach number of 1.60 (units B-1, B-2, B-3, B-4, and B-5) /c Wesley E. Messing and Scott H. S	Messing, Wesley E; Simpkinson, Scott H	5-May-50	19930086086	NACA-RM-E50B14
An investigation of the loads on the vertical tail of a jet-bomber airplane resulting from flight through rough air	Funk, Jack; Rhyne, Richard H	1-Oct-56	19930084537	NACA-TN-3741
Investigation of 75-millimeter-bore deep-groove ball bearings under radial load at high speeds I : oil-flow-studies	Nemeth, Zolton N; Macks, E Fred; Anderson, William J	1-Dec-52	19930083585	NACA-TN-2841
Experimental investigation of water injection in subsonic diffuser of a conical inlet operation at free-stream Mach number of 2.5	Beke, Andrew	15-Jan-57	19930089488	NACA-RM-E56J15
A new hodograph for free-streamline theory	Roshko, Anatol	1-Jul-54	19930083865	NACA-TN-3168
Pressure distribution and aerodynamic coefficients associated with heat addition to supersonic air stream adjacent to two-dimensional supersonic wing	Pinkel, I Irving; Serafini, John S; Gregg, John L	14-Feb-52	19930087985	NACA-RM-E51K26
Effect of boundary-layer control and inlet lip shape on the performance of a twin-scoop air-induction system at Mach numbers from 0 to 1.9	LAZZERONI FRANK A; Pfyl, Frank A	14-Feb-56	19930089049	NACA-RM-A55L02
An approximate method for design or analysis of two-dimensional subsonic-flow passages	Valentine, E Floyd	1-Apr-58	19930085202	NACA-TN-4241

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Exploratory study of ground proximity effects on thrust of annular and circular nozzles	Von Glahn, Uwe H	1-Apr-57	19930084741	NACA-TN-3982
Plastic stress-strain relations for 75S-T6 aluminum alloy subjected to biaxial tensile stresses	Marin, Joseph; Ulrich, B H; Hughes, W P	1-Aug-51	19930090561	NACA-TN-2425
Effects of body indentation on the drag characteristics of a delta-wing-body combination at transonic speeds	Wornom, Dewey E; Osborne, Robert S	28-Jan-55	19930088403	NACA-RM-L54K12a
Wind-tunnel investigation at high subsonic speeds of some effects of fuselage cross-section shape and wing height on the static longitudinal and lateral stability characteristics of a model having a 45 degree swept wing	King, Thomas J , Jr	3-Feb-56	19930089025	NACA-RM-L55J25
Study of effects of sweep on the flutter of cantilever wings	Barmby, J G; Cunningham, H J; Garrick, I E	1-Jun-50	19930082910	NACA-TN-2121
Determination of towline tension and stability of spin-recovery parachutes	Wood, John H	1-Mar-46	19930093514	NACA-WR-L-267, NACA-ARR-L6A15
Some experimental heating data on convex and concave hemispherical nose shapes and hemispherical depressions on a 30 degree blunted nose cone	Hopko, Russell N; Strass, H Kurt	10-Mar-58	19930089873	NACA-RM-L58A17a
The static-pressure error of wing and fuselage airspeed installations of the X-1 airplanes in transonic flight	Goodman, Harold R; Yancey, Roxanah B	12-Aug-49	19930085959	NACA-RM-L9G22
Pressure, recovery and mass-flow performance of four annular nose inlets operating in Mach number region of 3.1 and Reynolds number range of approximately 0.45×10^6 to 2.20×10^6	Hunczak, Henry R	26-Mar-54	19930090523	NACA-RM-E54A07
Investigations of slot configurations for film-cooled turbine blades by flow visualization methods	Eckert, E R G; Jackson, Thomas W; Francisco, Allen C	12-Jan-51	19930086453	NACA-RM-E50K01
Evaluation of centrifugal compressor performance with water injection	Beede, William L; Hamrick, Joseph T; Withee, Joseph R , Jr	18-Jul-51	19930086705	NACA-RM-E51E21
Effects of 45 degree sweepback on the high-speed characteristics of a wing having a modified NACA 16-012 airfoil section	Liccini, Luke L	18-Jul-47	19930085683	NACA-RM-L6K18a
Wind-tunnel investigation of a 1/6-scale model of the Bumblebee XPM missile at high subsonic speeds	Nelson, Warren H	11-Dec-50	19930086393	NACA-RM-A50I11
An analysis of available data on effects of wing-fuselage-tail and wing-nacelle interference on the distribution of the air load among components of airplanes	Wollner, Bertram C	11-Apr-49	19930093824	NACA-RM-L9B10
Loads on wings due to spoilers at subsonic and transonic speeds	Hammond, Alexander D	27-Jun-55	19930088746	NACA-RM-L55E17a
Investigation of the compressive strength and creep lifetime of 2024-T aluminum-alloy skin-stringer panels at elevated temperatures	Mathauser, Eldon E; Deveikis, William D	1-May-56	19930084415	NACA-TN-3647
The development and performance of two small tunnels capable of intermittent operation at Mach numbers between 0.4 and 4.0	Lindsey, Walter F; Chew, William L	1-Sep-50	19930082838	NACA-TN-2189
Effects of two spinner shapes on the pressure recovery in an NACA 1-series D-type cowl behind a three-blade propeller at Mach numbers up to 0.80	Reynolds, Robert M; Molk, Ashley J	19-Mar-54	19930088080	NACA-RM-A53L29a

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Wind-tunnel investigation at high subsonic speeds of the stability characteristics of a complete model having sweptback-,M-,W-,and cranked-wing plan forms and several horizontal-tail locations	Goodson, Kenneth W; Becht, Robert E	14-May-54	19930088371	NACA-RM-L54C29
Design and test of mixed-flow impellers V : design procedure and performance results for two vaned diffusers tested with impeller model MFI-1B	Hamrick, Joseph T; Osborn, Walter M	7-Jul-55	19930090327	NACA-RM-E55E13
Some effects of body cross-sectional shape, including sunken-canopy design, on drag as shown by rocket-powered-model tests at Mach numbers from 0.8 to 1.5	Stoney, William E , Jr; Putland, Leonard W	1-Jul-52	19930087320	NACA-RM-L52D07
Study of three-dimensional internal flow distribution based on measurements in a 48-inch radial-inlet centrifugal impeller	Hamrick, Joseph T; Mizisin, John; Michel, Donald J	1-Feb-54	19930083813	NACA-TN-3101
Analysis of straight multicell wings on Cal-Tech analog computer	Benscoter, Stanley U; Macneal, Richard H	1-Jan-54	19930083860	NACA-TN-3113
Effect of a wing leading-edge flap and chord-extension on the high subsonic control characteristics of an aileron located at two spanwise positions	Thompson, Robert F; Taylor, Robert T	10-May-55	19930088652	NACA-RM-L55B18a
Axial fatigue tests at zero mean stress of 24S-T and 75S-T aluminum-alloy strips with a central circular hole	Brueggeman, W C; Mayer, M JR	1-Jan-48	19930084640	NACA-TN-1611
Axial-load fatigue tests on notched and unnotched sheet specimens of 61S-T6 aluminum alloy, annealed 347 stainless steel, and heat-treated 403 stainless steel	Hardrath, Herbert F; Landers, Charles B; Utley, Elmer C , Jr	1-Oct-53	19930083754	NACA-TN-3017
Aerodynamic Characteristics of a circular cylinder at Mach number of 6.86 and angles of attack up to 90 degrees	Penland, Jim A	11-Mar-54	19930093717	NACA-RM-L54A14
Flight tests of an automatic interceptor system with a tracking radar modified to minimize the interaction between antenna and interceptor motions	Triplett, William C; Hom, Francis W K	22-May-57	19930089711	NACA-RM-A57D09
Investigation at high subsonic speeds of a body-contouring method for alleviating the adverse interference at the root of a sweptback wing	Mcdevitt, John B; Haire, William M	1-Apr-56	19930084960	NACA-TN-3672
Damping in roll of cruciform and some related delta wings at supersonic speeds	Ribner, Herbert S	1-Feb-51	19930082942	NACA-TN-2285
Flight investigation of factors affecting the choice of minimum approach speed for carrier-type landings of a swept-wing jet fighter airplane	Lina, Lindsay J; Morris, Garland J; Champine, Robert A	30-Sep-57	19930089721	NACA-RM-L57F13
Application of Theodorsen's propeller theory to the calculation of the performance of dual-rotating propellers	Gilman, Jean, Jr	15-Mar-51	19930086657	NACA-RM-L51A17
Experimental stress analysis of stiffened cylinders with cutouts.pure torsion	Schlechte, Floyd R; Rosecrans, Richard	1-Nov-53	19930083677	NACA-TN-3039
Subsonic flight investigation of methods to improve the damping of lateral oscillations by means of a viscous damper in the rudder system in conjunction with adjusted hinge-moment parameters	Crane, Harold L; Hurt, George J , Jr; Elliott, John M	1-Jan-58	19930085154	NACA-TN-4193
A low-speed investigation of the Magnus effects on a sting-mounted model of a typical mortar shell	Lichtenstein, Jacob H	2-Jan-57	19930089659	NACA-RM-SL56L31
Heat transfer and recovery temperatures on a sphere with laminar, transitional, and turbulent boundary layers at Mach numbers of 2.00 and 4.15	Beckwith, Ivan E; Gallagher, James J	1-Dec-57	19930084860	NACA-TN-4125

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Determination of gas temperatures from the frequency of knock-induced gas vibrations in an internal-combustion engine	Evvard, J C	1-Jan-46	19930093472	NACA-WR-E-132, NACA-ARR-E6A07
A preliminary investigation of aerodynamic characteristics of small inclined air outlets at transonic Mach numbers	Dewey, Paul E	1-May-55	19930084342	NACA-TN-3442
Inviscid flow about airfoils at high supersonic speeds	Eggers, A J , Jr; Syvertson, Clarence A	1-Mar-52	19930083573	NACA-TN-2646
Measurements of the wing and tail loads during the acceptance tests of bell XS-1 research airplane	Beeler, De E; Mayer, John P	13-Apr-48	19930085882	NACA-RM-L7L12
Wind-tunnel investigation of effects of fuselage cross-sectional shape, fuselage bend, and vertical-tail size on directional characteristics of nonoverlap-type helicopter fuselage models without rotors	Williams, James L	1-Mar-56	19930084408	NACA-TN-3645
The effect of thickness ratio on section thrust distribution as determined from a study of wake surveys of the NACA 4-(0)(03)-045 and 4-(0)(08)-045 two-blade propellers up to forward Mach numbers of 0.925	Harrison, Daniel E; Milillo, Joseph R	5-Apr-51	19930086747	NACA-RM-L51B05
An analysis of the factors that affect the exhaust process of a four-stroke-cycle reciprocating engine	Stanitz, John D	1-Apr-47	19930081849	NACA-TN-1242
The effect of blade-section thickness ratios on the aerodynamic characteristics of related full-scale propellers at Mach numbers up to 0.65	Maynard, Julian D; Steinberg, Seymour	6-Jun-49	19930085951	NACA-RM-L9D29
Flight investigation of the aileron effectiveness of the Republic XF-91 airplane over a Mach number range from 0.40 to 0.91	Sisk, Thomas R	11-Sep-52	19930087059	NACA-RM-L52E07a
Equivalent-plate theory for a straight multicell wing	Benscoter, Stanley U; Macneal, Richard H	1-Sep-52	19930083461	NACA-TN-2786
A study of skin temperatures of conical bodies in supersonic flight	Huston, Wilber B; Warfield, Calvin N; Stone, Anna Z	1-Oct-48	19930082417	NACA-TN-1724
Effects of plain and step spoiler location and projection on the lateral control characteristics of a plain and flapped 42 degree sweptback wing at a Reynolds number of 6.8×10^6	Bollech, Thomas V; Pratt, George L	14-Feb-50	19930086261	NACA-RM-L9L20a
Static strength of aluminum-alloy specimens containing fatigue cracks	Mcevely, Arthur J; Illg, Walter, Jr; Hardrath, Herbert F	1-Oct-56	19930084628	NACA-TN-3816
Flight determined buffet boundaries of ten airplanes and comparisons with five buffeting criteria	Gadeberg, Burnett L; Ziff, Howard L	5-Jan-51	19930086444	NACA-RM-A50I27
Jet diffuser for simulating ram conditions on a turbojet-engine static test stand	Bohanon, H R; Gabriel, David S; Essig, Robert H	28-Jan-47	19930085729	NACA-RM-E6K29
Aerodynamic characteristics of a wing with quarter-chord line swept back 35 degrees, aspect ratio 6, taper ratio 0.6, and NACA 65A0006 airfoil section : transonic-bump method	Sleeman, William C , Jr; Morrison, William D , Jr	12-Dec-49	19930086036	NACA-RM-L9K10a
On flow of electrically conducting fluids over a flat plate in the presence of a transverse magnetic field	Rossow, Vernon J	1-May-57	19930084685	NACA-TN-3971
Investigation of a Spoiler-Type Lateral Control System on a Wing with Full-Span Flaps in the Langley 19-Foot Pressure Tunnel	Deters, Owen J; Russell, Robert T	1-Aug-47	19930082045	NACA-TN-1409

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Wind-tunnel investigation of the aerodynamic characteristics in pitch of wing-fuselage combinations at high subsonic speeds : taper-ratio series	King, Thomas J , Jr; Pasteur, Thomas B , Jr	1-Dec-56	19930084705	NACA-TN-3867
Downwash and sidewash fields behind cruciform wings	Spreiter, John R	7-Jan-52	19930086906	NACA-RM-A51L17
Boundary layer behind shock or thin expansion wave moving into stationary fluid	Mirels, Harold	1-May-56	19930084483	NACA-TN-3712
Model ditching investigations of three airplanes equipped with hydro-skis	Fisher, Lloyd J	25-Apr-50	19930086049	NACA-RM-L9K23
Effect of nose shape on subsonic aerodynamic characteristics of a body of revolution having a fineness ratio of 10.94	Polhamus, Edward C	12-Aug-57	19930089886	NACA-RM-L57F25
A study of several factors affecting the stability contributed by a horizontal tail at various vertical positions on a sweptback-wing airplane model	Foster, Gerald V; Griner, Roland F	1-Nov-56	19930084595	NACA-TN-3848
The effect of engine variables on the prediction-limited performance of three fuels	Male, Donald W	1-Sep-46	19930081812	NACA-TN-1131
Low-speed investigation of the effects of wing tanks and speed brakes on the static stability of a model having a 40 degree swept wing	Sleeman, William C , Jr; Alford, William J , Jr	25-May-55	19930088637	NACA-RM-L55C17
Use of Freon-12 as a fluid for aerodynamic testing	Huber, Paul W	1-Apr-46	19930081863	NACA-TN-1024
An extension of lifting rotor theory to cover operation at large angles of attack and high inflow conditions	Gessow, Alfred; Crim, Almer D	1-Apr-52	19930083369	NACA-TN-2665
Theoretical analysis of hydrodynamic impact of a prismatic float having freedom in trim	Miller, Robert W	1-Jun-52	19930084013	NACA-TN-2698
Method for evaluating from shadow or Schlieren photographs the pressure drag in two-dimensional or axially symmetrical flow phenomena with detached shock	Ferri, Antonio	1-Feb-49	19930082484	NACA-TN-1808
Experimental investigation of effects of simulated nacelles and wing-root freedoms on supersonic flutter characteristics of a cambered, modified, swept, tapered wing	Hanson, Perry W	16-Oct-57	19930089825	NACA-RM-L57H16
Investigation of distributed surface roughness on a body of revolution at a Mach number of 1.61	Czarnecki, K R; Robinson, Ross B; Hilton, John H , Jr	1-Jun-54	19930084183	NACA-TN-3230
An experimental investigation at a Mach number of 2.01 of the effects of body cross-section shape on the aerodynamic characteristics of bodies and wing-body combinations	Carlson, Harry W; Gapcynski, John P	21-Jul-55	19930088760	NACA-RM-L55E23
The effects of mass distribution on the low-speed dynamic lateral stability and control characteristics of a model with 45 degree sweptback wing	Hewes, Donald E	1-Mar-51	19930082991	NACA-TN-2313
Free-flight investigation over a Mach number range from 0.74 to 1.43 at lift coefficients from minus 0.15 to 0.75 of an airplane-configuration model having a 52.5 degree delta wing and a low swept horizontal tail	Kehlet, Alan B	28-Sep-56	19930089281	NACA-RM-L56G09
Removal of secondary-flow accumulations in a two-dimensional turbine nozzle passage by boundary-layer bleed	Wong, Robert Y	30-Jun-55	19930088787	NACA-RM-E55E11

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Flight investigation and theoretical calculations of the fuselage deformations of a swept-wing bomber during push-pull maneuvers	Mayo, Alton, P	29-Mar-57	19930089696	NACA-RM-L56L05
Heat transfer from high-temperature surfaces to fluids I : preliminary investigation with air in inconel tube with rounded entrance, inside diameter of 0.4 inch and length of 24 inches	Humble, Leroy V; Lowdermilk, Warren H; Grele, Milton	21-May-48	19930086090	NACA-RM-E7L31
The effect of a change in airfoil section on the hinge-moment characteristics of a half-delta tip control with a 60 degree sweep angle at a Mach number of 6.9	Fetterman, David E; Ridyard, Herbert W	15-Oct-54	19930088322	NACA-RM-L54H16a
Survey of the acoustic near field of three nozzles at a pressure ratio of 30	Mull, Harold R; Erickson, John C , Jr	1-Apr-57	19930084725	NACA-TN-3978
Iterative interference methods in the design of thin cascade blades	Diesendruck, Leo	1-May-47	19930082065	NACA-TN-1254
Determination and use of the local recovery factor for calculating the effectiveness gas temperature for turbine blades / Jack B. Esgar and Alfred L. Lea	Esgar, Jack B; Lea, Alfred L	24-Sep-51	19930086815	NACA-RM-E51G10
Wall interference in wind tunnels with slotted and porous boundaries at subsonic speeds	Baldwin, Barrett S , Jr; Turner, John B; Knechtel, Earl D	9-Oct-53	19930087658	NACA-RM-A53E29
Load distributions associated with controls at supersonic speeds	Czarnecki, K R; Lord, Douglas R	29-May-53	19930089118	NACA-RM-L53D15a
Regenerator-design study and its application to turbine-propeller engines	Manson, S V	1-Jan-51	19930082894	NACA-TN-2254
Correlation of turbojet combustor carbon formation with smoke-volatility index, smoke, point, and NACA K factor	Jonash, Edmund R; Butze, Helmut F; Cook, William P	30-Jun-55	19930088703	NACA-RM-E55D28
Effects of panel flexibility on natural vibration frequencies of box beams	Budiansky, Bernard; Fralich, Robert W	1-Mar-54	19930083714	NACA-TN-3070
Some properties of beryllium oxide and beryllium oxide - columbium ceramals	Robards, C F; Gangler, J J	2-Mar-51	19930086318	NACA-RM-E50G21
Effect of airfoil profile of symmetrical sections on the low-speed rolling derivatives of 45 degree sweptback-wing models of aspect ratio 2.61	Letko, William; Brewer, Jack D	4-Mar-49	19930085559	NACA-RM-L8L31a
Pressure-drop characteristics of a 22-segment mock-up of the General Electric Company air-cooled aircraft reactor	Sams, Eldon W; Weiland, Walter F , Jr	20-Jan-55	19930088567	NACA-RM-E54L06
Experimental comparison of speed : fuel-flow and speed-area controls on a turbojet engine for small step disturbances	Wenzel, L M; Hart, C E; Craig, R T	1-Mar-57	19930084907	NACA-TN-3926
Effects of leading-edge blunting on the local heat transfer and pressure distributions over flat plates in supersonic flow	Creager, Marcus O	1-Dec-57	19930084996	NACA-TN-4142
Effects of fixing transition on the transonic aerodynamic characteristics of a wing-body configuration at Reynolds numbers from 2.4 to 12 million	Hunton, Lynn W	1-Jul-58	19930085070	NACA-TN-4279
An investigation of convergent-divergent diffusers at Mach number 1.85	Wyatt, Demarquis D; Hunczak, Henry R	2-Feb-51	19930086479	NACA-RM-E50K07
Performance comparisons of Navy jet mix and MIL-F-5624A (JP-3) fuels in tubular and annular combustors / Richard J. McCafferty	McCafferty, Richard J	3-Jun-54	19930086926	NACA-RM-E51J17
A wind-tunnel investigation of the aerodynamic characteristics of a full-scale sweptback propeller and two related straight propellers	Evans, Albert J; Liner, George	4-Jan-51	19930090397	NACA-RM-L50J05
Experimental investigation of a lightweight rocket chamber	Dalgleish, John E; Tischler, Adelbert O	1-Oct-56	19930084541	NACA-TN-3827

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Flight investigation of the low-speed characteristics of a 45 degree swept-wing fighter-type airplane with blowing boundary-layer control applied to the trailing edge flaps	Quigley, Hervey C; Anderson, Seth B; Innis, Robert C	4-Aug-58	19930090149	NACA-RM-A58E05
Effects of leading-edge chord extensions and an all-movable horizontal tail on the aerodynamic characteristics of a wing-body combination employing a triangular wing of aspect ratio 3 mounted in a high position at subsonic and supersonic speeds	Wetzel, Benton E; Pfyl, Frank A	6-Jan-54	19930088269	NACA-RM-A53J14a
Discrepancies between theoretical and observed behavior of cyclically loaded bearings	Dayton, R W; Simons, E M; Fend, F A	1-Nov-51	19930083233	NACA-TN-2545
Effects of finite span on the section characteristics of two 45 degree swept-back wings of aspect ratio 6	Hunton, Lynn W	17-Mar-52	19930087020	NACA-RM-A52A10
Investigation of Two-Stage Counterrotating Compressor. III: Design of Second-Stage Rotor and Preliminary Over-All Performance	Wilcox, Ward W; Wright, Linwood C	22-Oct-56	19930089593	NACA-RM-E56G30a
The calculation of downwash behind wings of arbitrary plan form at supersonic speeds	Martin, John C	1-Jul-50	19930082757	NACA-TN-2135
Effect of the proximity of the ground on the stability and control characteristics of a vertically rising airplane model in the hovering condition	Smith, Charles C , Jr; Lovell, Powell M , Jr; Bates, William R	19-Sep-51	19930086777	NACA-RM-L51G05
Incompressible flutter characteristics of representative aircraft wings	Wilts, C H	1-Apr-57	19930084503	NACA-TN-3780
A generalized theoretical and experimental investigation of the motions and hydrodynamic loads experienced by V-bottom seaplanes during step-landing impacts	Milwitzky, Benjamin	1-Feb-48	19930082553	NACA-TN-1516
Ground simulator studies of the effects of valve friction, stick friction, flexibility, and backlash on power control system quality	Brown, B Porter	1-Apr-57	19930084845	NACA-TN-3998
Effect of hinge-line position on the oscillating hinge moments and flutter characteristics of a flap-type control at transonic speeds	Thompson, Robert F; Moseley William C , JR	10-Jun-57	19930089644	NACA-RM-L57C11
Altitude performance of pentaborane - JP-4 fuel blends in a modified J47 combustor	Branstetter, J Robert; Kaufman, Warner B	17-Apr-57	19930088355	NACA-RM-E54H16
Free-spinning-tunnel investigation of a model having a 60 degrees delta wing with half-delta ailerons installed	Klinar, Walter J; Lee, Henry A	9-Mar-53	19930087409	NACA-RM-L52K24a
Experimental investigation of notch-size effects on rotating-beam fatigue behavior of 75S-T6 aluminum alloy	Hyler, W S; Lewis, R A; Grover, H J	1-Nov-54	19930084110	NACA-TN-3291
Preliminary investigation of effects of gamma radiation on age-hardening rate of an aluminum-copper alloy	Kittel, J Howard	20-Jun-47	19930085676	NACA-RM-E7E12
Ignition-energy requirements in a single tubular combustor	Foster, Hampton H	27-Mar-51	19930086684	NACA-RM-E51A24

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A study of several theoretical methods for computing the zero-lift wave drag of a family of open-nosed bodies of revolution in the Mach number range of 2.0 to 4.0	Presley, Leroy L; Mossman, Emmet A	1-Sep-58	19930085274	NACA-TN-4368
Method of designing airfoils with prescribed velocity distributions in compressible potential flows	Costello, George R	1-Aug-49	19930082591	NACA-TN-1913
On the turbulent friction layer for rising pressure	Wieghardt, K; Tillmann, W	1-Oct-51	19930093916	NACA-TM-1314
Experiments on mixed-free-and-forced-convective heat transfer connected with turbulent flow through a short tube	Eckert, E R G; Diaguila, Anthony J; Curren, Arthur N	1-Jul-53	19930083645	NACA-TN-2974
The yawing moment due to sideslip of triangular, trapezoidal, and related plan forms in supersonic flow	Jones, Albert L; Alksne, Alberta	1-Apr-49	19930082523	NACA-TN-1850
Wind-tunnel investigation at transonic speeds of the lift and hinge-moment characteristics of a flap with attached balancing tab on a 45 degree sweptback wing	Vogler, Raymond D	27-Dec-54	19930088438	NACA-RM-L54J28a
An analysis of the factors affecting the loss in lift and shift in aerodynamic center produced by the distortion of a swept wing under aerodynamic load	Mathews, Charles W; Kurbjun, Max C	1-Mar-53	19930083589	NACA-TN-2901
Application of Tchebichef form of harmonic analysis to the calculation of zero-lift wave drag of wing-body-tail combinations	Holdaway, George H; Mersman, William A	13-Feb-56	19930089008	NACA-RM-A55J28
Theoretical Rocket Performance of JP-4 Fuel with Several Fluorine-Oxygen Mixtures Assuming Equilibrium Composition	Gordon, Sanford	25-Feb-58	19930090024	NACA-RM-E57K22
Application of blade cooling to gas turbines	Ellerbrock, Herman H , Jr; Schafer, Louis J , Jr	31-May-50	19930086069	NACA-RM-E50A04
Free-jet investigation of altitude performance of XRJ47-W-5 ram-jet-engine combustor	Welna, Henry J; Smith, Ivan D	1-Jan-55	19930088682	NACA-RM-E55C25
Transonic flight test to compare the zero-lift drag of underslung and symmetrical nacelles varied chordwise at 40 percent semispan of a 45 degree sweptback, tapered wing	Pepper, William B , Jr; Hoffman, Sherwood	25-Oct-50	19930086297	NACA-RM-L50G17a
Thrust and drag characteristics of a convergent-divergent nozzle with various exhaust jet temperatures	Hearth, Donald P; Wilcox, Fred A	11-Mar-54	19930088042	NACA-RM-E53L23b
An investigation of a wing-propeller configuration employing large-chord plain flaps and large-diameter propellers for low-speed flight and vertical take-off	Kuhn, Richard E; Draper, John W	1-Dec-54	19930084052	NACA-TN-3307
Creep behavior of structural joints of aircraft materials under constant loads and temperatures	Mordfin, Leonard; Legate, Alvin C	1-Jan-57	19930084615	NACA-TN-3842
The structure of Airy's stress function in multiply connected regions	Grioli, Giusippe	1-Jul-51	19930093940	NACA-TM-1290
Development and preliminary investigation of a method of obtaining hypersonic aerodynamic data by firing models through highly cooled gases	Soule, Harold V; Sabol, Alexander P	1-Jul-50	19930082821	NACA-TN-2120
Pressures and associated aerodynamic and load characteristics for two bodies of revolution at transonic speeds	Robinson, Harold L	11-Mar-54	19930088063	NACA-RM-L53L28a

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The stability of the laminar boundary layer in a compressible fluid	Lees, Lester	1-Jul-47	19930082346	NACA-TN-1360
Altitude investigation of thrust augmentation using water-alcohol injection into the combustion chambers of an axial-flow turbojet engine	Jansen, E T; Renas, P E	12-Feb-53	19930087419	NACA-RM-E52L12
Investigation at a Mach number of 1.2 of two 45 degree sweptback wings utilizing NACA 2-006 and NACA 65A006 airfoil sections	Wilson, Homer B , Jr	11-Sep-52	19930087197	NACA-RM-L52G17
Wind-Tunnel Investigation of a Number of Total Pressure Tubes at High Angles of Attack	Gracey, William; Coletti, Donald E; Russell, Walter R	1-Jan-51	19930082926	NACA-TN-2261
Effects of finite span on the section characteristics of two 45 degree sweptback wings of aspect ratio 6	Hunton, Lynn W	1-Sep-53	19930083706	NACA-TN-3008
Temperature and pressure distributions in dual parallel jets impinging on the ground from a turbojet engine	Farmer, J Elmo; Stepka, Francis S; Garrett, Floyd B	20-Feb-50	19930086102	NACA-RM-E9L01
Investigation of the effects of bomb-bay configuration upon the aerodynamic characteristics of a body with circular cross section at supersonic speeds	Rainey, Robert W	18-Aug-55	19930088729	NACA-RM-L55E27
Free-flight investigation at Mach numbers from 0.8 to 1.5 of the effect of a fuselage indentation on the zero-lift drag of a 52.5 degree sweptback-wing-body configuration with symmetrically mounted stores on the fuselage	Hoffman, Sherwood	20-Feb-58	19930089949	NACA-RM-L57L04
Stress distributions caused by three types of loading on a circular semimonocoque cylinder with flexible rings	Mccomb, Harvey G , Jr	1-Sep-54	19930083921	NACA-TN-3199
Introduction to the problem of rocket-powered aircraft performance	Ivey, H Reese; Bowen, Edward N JR; Oborny, Lester F	1-Dec-47	19930080789	NACA-TN-1401
An experimental investigation of transonic flow past two-dimensional wedge and circular-arc sections using a Mach-Zehnder interferometer	Bryson, Arthur Earl, Jr	1-Nov-51	19930083267	NACA-TN-2560
Fuel investigation in a tubular-type combustor of a turbojet engine	Tischler, Adelbert O; Dittrich, Ralph T	1-Aug-47	19930085666	NACA-RM-E7F12
Full-scale wind-tunnel tests of a 35 degree sweptback-wing airplane with high-velocity blowing over the trailing-edge flaps : longitudinal and lateral stability and control	Tolhurst, William H , Jr; Kelly, Mark W	5-Oct-56	19930089906	NACA-RM-A56E24
Effect of area-suction-type boundary-layer control on the landing-approach characteristics of a 35 degree swept-wing fighter	Cooper, George E; Innis, Robert C	3-Feb-55	19930088972	NACA-RM-A55K14
Investigation of shock-boundary-layer interaction on the spike of a conical-spike nose inlet	Wise, George A; Sterbentz, William H	9-Jan-57	19930090210	NACA-RM-E56I26a
Wind-tunnel investigation of transonic aileron flutter	Erickson, Albert L; Mannes, Robert L	9-Jun-49	19930085866	NACA-RM-A9B28
Studies of the speed stability of a tandem helicopter in forward flight.	Tapscott, Robert J; Amer, Kenneth B	13-Aug-53	19930093775	NACA-RM-L53F15a
Criteria for prediction and control of ram-jet flow pulsations	Sterbentz, William H; Evvard, John C	16-May-51	19930086576	NACA-RM-E51C27
Diagonal tension in curved webs	Kuhn, Paul; Griffith, George E	1-Nov-47	19930082135	NACA-TN-1481
Investigation of NACA 65 (112) A111 (approx.) airfoil with 0.35-chord slotted flap at Reynolds numbers up to 25 million	Racisz, Stanley F	1-Jan-47	19930082099	NACA-TN-1463

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Experimental investigations of rolling performance of straight and sweptback flexible wings with various ailerons	Cole, Henry A; Ganzer, Victor M	1-Dec-51	19930083276	NACA-TN-2563
Flight tests of a delta-wing vertically rising airplane model powered by a ducted fan	Lovell, Powell M , Jr	6-Apr-55	19930088657	NACA-RM-L55B17
Deflection and stress analysis of thin solid wings of arbitrary plan form with particular reference to delta wings	Stein, Manuel; Anderson, J Edward; Hedgepeth, John M	1-Feb-52	19930083444	NACA-TN-2621
Compressive strength of 24S-T aluminum-alloy flat panels with longitudinal formed hat-section stiffeners	Schuette, Evan H; Barab, Sual; Mccracken, Howard L	1-Dec-46	19930081832	NACA-TN-1157
Note on some observed effects of rocket motor operation on the base pressures of bodies in free light	Purser, Paul E; Thibodaux, Joseph G; Jackson, H Herbert	16-Nov-50	19930086428	NACA-RM-L50I18
Method of determining centrifugal-flow-compressor performance with water injection	Hamrick, Joseph T; Beede, William L	7-Sep-49	19930085934	NACA-RM-E9G12
Jet effects on pressures and drags of bodies	Gillespie, Warren, Jr	9-Nov-51	19930086791	NACA-RM-L51J29
A preliminary investigation of the icing characteristics of a large rectangular-throat pressure-type carburetor	Chapman, Gilbert E	1-Jul-46	19930093067	NACA-WR-E-284, NACA-MR-E6G11
Transonic flow past cone cylinders	Solomon, George E	1-Sep-54	19930084073	NACA-TN-3213
Free-flight investigation at transonic speeds of the stability characteristics of a tailless missile configuration having a 45 degree sweptback wing of aspect ratio 4	Arbic, Richard G	28-Aug-56	19930089382	NACA-RM-L56E11
Longitudinal stability and control characteristics of a semispan airplane model with a swept-back tail from tests at transonic speeds by the NACA wing-flow method	Zalovcik, John A; Sawyer, Richard H	28-Mar-47	19930085714	NACA-RM-L6K21
An investigation of single-degree-of-freedom snaking oscillations on a model of a high-speed research airplane by the NACA wing-flow method	Johnson, Harold I; Faber, Stanley	7-Aug-51	19930086740	NACA-RM-L51E14
Evaluation of a fixed spoiler as a gust alleviator	Mickleboro, Harry C	1-Nov-48	19930082402	NACA-TN-1753
The transonic characteristics of 38 cambered rectangular wings of varying aspect ratio and thickness as determined by the transonic-bump technique	Nelson, Warren H; Krumm, Walter J	1-Jun-55	19930084148	NACA-TN-3502
Stress-strain and elongation graphs for Alclad aluminum-alloy 24S-T81 sheet	Miller, James A	1-May-48	19930082198	NACA-TN-1513
Experimental measurements of the effects of airplane motions on wing and tail angles of attack of a swept-wing bomber in rough air	Engel, Jerome N	1-Aug-58	19930085062	NACA-TN-4307
Survey of advantages and problems associated with transpiration cooling and film cooling of gas-turbine blades	Eckert, E R G; Esgar, Jack B	12-Feb-51	19930086539	NACA-RM-E50K15
Buffeting-load measurements on a jet-powered bomber airplane with reflexed flaps	See, John A; Aiken, William S , Jr	29-Aug-51	19930086731	NACA-RM-L51E24a
The use of two-dimensional section data to estimate the low-speed wing lift coefficient at which section stall first appears on a swept wing	Maki, Ralph L	27-Jul-51	19930086754	NACA-RM-A51E15

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Static stability and control characteristics of a triangular wing and canard configuration at Mach numbers from 2.58 to 3.53	Hedstrom, C Ernest; Blackaby, James R; Peterson, Victor L	13-May-58	19930090034	NACA-RM-A58C05
Surface properties of oils	Mcbain, J W; Robinson, James V	1-Mar-49	19930082504	NACA-TN-1844
Charts of thermodynamic properties of air and combustion products from 300 degrees to 3500 degrees R	English, Robert E; Wachtl, William W	1-Apr-50	19930082744	NACA-TN-2071
A theory for predicting the flow of real gases in shock tubes with experimental verification	Trimpi, Robert L; Cohen, Nathaniel B	1-Mar-55	19930084645	NACA-TN-3375
Preliminary investigation of the failure of pressurized stiffened cylinders	Dow, Norris F; Peters, Roger W	20-May-55	19930088663	NACA-RM-L55D15b
Heat transfer and skin friction by an integral method in the compressible laminar boundary layer with a streamwise pressure gradient	Beckwith, Ivan E	1-Sep-53	19930083666	NACA-TN-3005
Free-flight performance of 16-inch-diameter supersonic ram-jet units III : four units designed for combustion-chamber-inlet Mach number of 0.245 at free-stream Mach number of 1.8 (Units D-1, D-2, D-3, and D-4)	Disher, John H; Rabinowitz, Leonard	28-Jun-50	19930086229	NACA-RM-E50D07
Altitude-wind-tunnel investigation of thrust augmentation of a turbojet engine III : performance with tail-pipe burning in standard-size tail pipe	Fleming, William A; Golladay, Richard L	11-Aug-47	19930085647	NACA-RM-E7F10
Practical solution of plastic deformation problems in elastic-plastic range	Mendelson, A; Manson, S	1-Sep-57	19930085143	NACA-TN-4088
Effect of surface finish on fatigue properties at elevated temperatures I : low-carbon N-155 with grain size of A.S.T.M. 1	Ferguson, Robert R	26-Jun-51	19930086764	NACA-RM-E51D17
Investigation of a tilting-wing vertical-take-off-and-landing jet airplane model in hovering and transition flight	Kirby, Robert H; Hassell, James L , Jr	26-Aug-58	19930090191	NACA-RM-L58F26
Large-scale wind-tunnel tests of an airplane model with a 45 degree sweptback wing of aspect ratio 2.8 employing high-velocity blowing over the leading- and trailing-edge flaps	Hickey, David H; Aoyagi, Kiyoshi	26-May-58	19930089845	NACA-RM-A58A09
Dynamics of mechanical feedback-type hydraulic servomotors under inertia load	Gold, Harold; Otto, Edward W; Ransom, Victor L	1-Aug-52	19930083548	NACA-TN-2767
Subsonic aerodynamic characteristics up to extreme angles of attack of an airplane model having an unswept wing and a high horizontal tail	Tinling, Bruce E	3-Feb-58	19930090015	NACA-RM-A57K05
On the drag and shedding frequency of two-dimensional bluff bodies	Roshko, Anatol	1-Jul-54	19930083869	NACA-TN-3169
A method for calculation of hydrodynamic lift for submerged and planing rectangular lifting surfaces	Wadlin, Kenneth L; Christopher, Kenneth W	1-Jan-58	19930085023	NACA-TN-4168
Some static longitudinal stability characteristics of an overlapped-type tandem-rotor helicopter at low airspeeds	Tapscott, Robert J	1-Sep-58	19930085171	NACA-TN-4393
Calibration of strain-gage installations in aircraft structures for the measurement of flight loads	Aiken, William S , Jr; Skopinski, T H; Huston, Wilber B	8-Oct-52	19930087518	NACA-RM-L52G31
Pressure distribution and aerodynamic loadings for several-flap-type trailing-edge controls on a trapezoidal wing at Mach numbers of 1.61 and 2.01	Lord, Douglas R; Czarnecki, K R	12-Mar-56	19930088958	NACA-RM-L55J03

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Compressive-strength comparisons of panels having aluminum-alloy sheet and stiffeners with panels having magnesium-alloy sheet and aluminum alloy stiffeners	Dow, Norris F; Hickman, William A; Mccracken, Howard L	1-Apr-47	19930081883	NACA-TN-1274
Fatigue investigation of full-scale transport-airplane wings : summary of constant-amplitude tests through 1953	Mcguigan, M J , Jr; Bryan, D F; Whaley, R E	1-Mar-54	19930083994	NACA-TN-3190
An approach to the problem of estimating severe and repeated gust loads for missile operations	Press, Harry; Steiner, Roy	1-Sep-58	19930085216	NACA-TN-4332
Transonic flight evaluation of the effects of fuselage extension and indentation on the drag of a 60 degree delta-wing interceptor airplane	Saltzman, Edwin J; Asher, William P	26-Sep-57	19930090130	NACA-RM-H57E29
Variation of pressure limits of flame propagation with tube diameter for various iso-octane-oxygen-nitrogen mixtures	Spakowski, Adolph, A; Belles, Frank E	3-Mar-52	19930087001	NACA-RM-E52A08
Performance of a single fuel-vaporizing combustor with six injectors adapted for gaseous hydrogen	Wear, Jerrold D; Smith, Arthur L	30-Nov-55	19930088894	NACA-RM-E55I14
A low-speed experimental study of the directional characteristics of a sharp-nosed fuselage through a large angle-of-attack range at zero angle of sideslip	Letko, William	19-Nov-52	19930087455	NACA-RM-L52J14
Longitudinal-stability investigation of high-lift and stall-control devices on a 52 degree sweptback wing with and without fuselage and horizontal tail at a Reynolds number of 6.8 x 10(exp 6).	Foster, Gerald V; Fitzpatrick, James E	20-Dec-48	19930085540	NACA-RM-L8I08
Thermal fatigue of ductile materials I : effect of variations in the temperature cycle on the thermal-fatigue of S-816 and Inconel 550	Clauss, Francis J; Freeman, James W	1-Sep-58	19930084977	NACA-TN-4160
Free-flight investigation to determine the drag of flat- and vee- windshield canopies on a parabolic fuselage with and without transonic indentation between Mach numbers of 0.75 and 1.35	Kouyoumjian, Walter L; Hoffman, Sherwood	1-Sep-58	19930085255	NACA-TN-4405
Cooling of gas turbines I : effects of addition of fins to blade tips and rotor, admission of cooling air through part of nozzles, and change in thermal conductivity of turbine components	Brown, W Byron	11-Feb-47	19930085657	NACA-RM-E7B11a
A simple method of estimating the subsonic lift and damping in roll of sweptback wings	Polhamus, Edward C	1-Apr-49	19930082534	NACA-TN-1862
Analysis of two-dimensional compressible-flow loss characteristics downstream of turbomachine blade rows in terms of basic boundary-layer characteristics	Stewart, Warner L	1-Jul-55	19930084222	NACA-TN-3515
Design and experimental investigation of light-weight bases for air-cooled turbine rotor blades	Freche, John C; Mckinnon, Roy A	2-Jul-54	19930088168	NACA-RM-E54E10
Loads on thin wings at transonic speeds	Davis, Don D , Jr; Hieser, Gerald	28-Jun-55	19930088807	NACA-RM-L55E11c
Computed temperature distribution and cooling of solid gas-turbine blades	Reuter, J George; Gazley, Carl, Jr	11-Feb-47	19930090344	NACA-RM-E7B11h
The design, operation, and uses of the water channel as an instrument for the investigation of compressible-flow phenomena	Matthews, Clarence W	1-Jan-50	19930082670	NACA-TN-2008

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Stability of supersonic inlets at Mach 1.91 with air injection and suction	Kowalski, K; Piercy, Thomas G	28-Jun-56	19930089301	NACA-RM-E56D12
Altitude-Wind-Tunnel investigation of Westinghouse 19B-2, 19B-8, and 19XB-1 Jet-Propulsion Engines II : analysis of turbine performance of 19B-8 engine	Krebs, Richard P; Suozzi, Frank L	24-Nov-48	19930093797	NACA-RM-E8J28a
Flight tests of a 0.4-scale model of a stand-on type of vertically rising aircraft	Mckinney, Marion O; PARLETT LYSLE P	24-Mar-54	19930090534	NACA-RM-L54B16b
Static longitudinal and lateral stability and control characteristics of a model of a 35 degree swept-wing airplane at a Mach number of 1.41	Palazzo, Edward B; Spearman, M Leroy	26-May-55	19930088388	NACA-RM-L54G08
Use of electric analog for calculation of temperature distribution of cooled turbine blades	Ellerbrock, Herman H; Schum, Eugene F; Nachtigall, Alfred J	1-Dec-53	19930083759	NACA-TN-3060
Horizontal-tail parameters as determined from flight-test tail loads on a flexible swept-wing jet bomber	Aiken, William S , Jr; Fisher, Raymond A	17-Jan-57	19930089464	NACA-RM-L56J02
Transonic investigation of aerodynamic characteristics of a swept-wing fighter-airplane model with leading-edge droop in combination with outboard chord-extensions and notches	Whitcomb, Charles F; Norton, Harry T , Jr	19-Mar-56	19930088842	NACA-RM-L55H30
A preliminary investigation of the static and dynamic longitudinal stability of a Grunberg hydrofoil system	Land, Norman S; Chambliss, Derrill B; Petynia, William W	16-Sep-52	19930087137	NACA-RM-L52D15
Effect of pressure recovery on the performance of a jet-propelled airplane	Hanson, Frederick H , Jr; Mossman, Emmet A	1-Sep-48	19930082336	NACA-TN-1695
Results of flight tests to determine the drag of finite-length cylinders at high Reynolds numbers for a Mach number range of 0.5 to 1.3	Welsh, Clement J	16-Jun-52	19930087263	NACA-RM-L52C31
Aerodynamic characteristics at small scale and a Mach number of 1.38 of untapered wings having M and W plan forms	Kemp, William B , Jr	18-Jun-54	19930088236	NACA-RM-L54D15a
Free-fall measurements of the effects of wing-body interference on the transonic drag characteristics of swept-wing-slender-body configurations	Kurbjun, Max C; Thompson, Jim Rogers	28-May-53	19930087730	NACA-RM-L53C31
Design and performance of an experimental axial-discharge mixed-flow compressor II : over-all performance of impeller and supersonic-diffuser combination	Wilcox, Ward W; Robbins, William H	30-Apr-51	19930086512	NACA-RM-E51A02
Bodies of Revolution for Minimum Drag at High Supersonic Airspeeds	Eggers, A J , Jr; Dennis, David H; Resnikoff, Meyer M	25-Feb-52	19930087989	NACA-RM-A51K27
Tensile properties of a sillimanite refractory at elevated temperatures	Kunen, Alfred E; Hartwig, Frederick J; Bressman, Joseph R	1-Nov-46	19930081910	NACA-TN-1165
Theoretical evaluation of the ducted-fan turbojet engine	Parisen, Richard B; Armstrong, John C; Huntley, Sidney C	1-Nov-48	19930082371	NACA-TN-1745
Turbulence measurements in multiple interfering air jets	Laurence, James C; Benninghoff, Jean M	1-Dec-57	19930085263	NACA-TN-4029
Boundary-layer and stalling characteristics of the NACA 64A006 airfoil section	Mccullough, George B; Gault, Donald E	1-Aug-49	19930082600	NACA-TN-1923
Incipient spin characteristics of a 1/25-scale model of the Chance Vought XF8U-1 airplane : TED No. NACA AD 3118	Healy, Frederick M	17-Apr-58	19930090111	NACA-RM-SL58D14
Investigation of three types of supersonic diffusers over a range of Mach numbers from 1.75 to 2.74	Baughman, Eugene L; Gould, Lawrence I	12-Mar-51	19930086547	NACA-RM-E50L08

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Lifting-surface-theory aspect-ratio corrections to the lift and hinge-moment parameters for full-span elevators on horizontal tail surfaces	Swanson, Robert S; Crandall, Stewart M	1-Feb-47	19930081938	NACA-TN-1175
Low-speed investigation of the aerodynamic, control and hinge-moment characteristics in sideslip of a delta-wing-fuselage model with horn-balance-type ailerons and with and without nacelles	Scallion, William I	21-Aug-53	19930087614	NACA-RM-L53G09b
Lateral stability and control measurements of a fighter-type airplane with a low-aspect-ratio unswept wing and a tee-tail	Arabian, Donald D; Schmeer, James W	12-Jun-56	19930088780	NACA-RM-L55F08
Factors affecting flow distortions produced by supersonic inlets	Piercy, Thomas G	29-Feb-56	19930089034	NACA-RM-E55L19
Fatigue testing machine for applying a sequence of loads of two amplitudes	Smith, Frank C; Howard, Darnley M; Smith, Ira	1-Mar-51	19930083011	NACA-TN-2327
Design considerations of a condensing system for vaporized magnesium	Witzke, Walter R; Prok, George M; Keller, Thomas A	30-Nov-55	19930088923	NACA-RM-E55I20
An investigation of a supersonic aircraft configuration having a tapered wing with circular-arc sections and 40 degree sweepback : stability and control characteristics at a Mach number of 1.61 of the complete configuration equipped with spoilers	Driver, Cornelius; Hamilton, Clyde V	10-Sep-54	19930088261	NACA-RM-L54F15
The subsonic static aerodynamic characteristics of an airplane model having a triangular wing of aspect ratio 3. III : effects of trailing-edge flaps	Tinling, Bruce E; Karpen, A V	1-Jul-57	19930084795	NACA-TN-4043
Theoretical additional span loading characteristics of wings with arbitrary sweep, aspect ratio, and taper ratio	Deyoung, John	1-Dec-47	19930082544	NACA-TN-1491
Turbojet engine investigation of effect of thermal shock induced by external water-spray cooling on turbine blades of five high-temperature alloys	Freche, John C; Hickel, Robert O	19-Dec-55	19930089053	NACA-RM-E55J17
Measurements of free-space oscillating pressures near a propeller at flight Mach numbers to 0.72	Vogeley, Arthur W; Kurbjun, Max C	1-May-55	19930084203	NACA-TN-3417
Investigation at supersonic speeds of the base pressure on bodies of revolution with and without sweptback stabilizing fins	Love, Eugene S; O'Donnell, Robert M	23-Dec-52	19930087533	NACA-RM-L52J21a
Aerodynamic characteristics of the NACA RM-10 research missile in the Ames 1- by 3-foot supersonic wind tunnel no. 2 : pressure and force measurements at Mach numbers of 1.52 and 1.98	Perkins, Edward W; Gowen, Forrest E; Jorgensen, Leland H	19-Sep-51	19930086835	NACA-RM-A51G13
The heat of combustion of tetraethyldiborane	Tannenbaum, Stanley	16-Jan-57	19930087678	NACA-RM-E53E11
Investigation of boiling burnout and flow stability for water flowing in tubes	Lowdermilk, Warren H; Lanzo, Chester D; Siegel, Byron L	1-Sep-58	19930085312	NACA-TN-4382
Analytical investigation of fuel temperatures and fuel-evaluation losses encountered in long-range high-altitude supersonic flight	Mccafferty, Richard J	10-Aug-53	19930090470	NACA-RM-E53E25
Correlation of physical properties with molecular structure for dicyclic hydrocarbons : I -2-n-alkylbiphenyl, 1,1-diphenylalkane,a,w-diphenylalkane; 1,1-dicyclohexylalkane, and a,w-dicyclohexylalkane series	Wise, Paul H; Serijan, Kasper T; Goodman, Irving A	1-May-50	19930082791	NACA-TN-2081
Nonlinear large-deflection boundary-value problems of rectangular plates	Wang, Chi-Teh	1-Mar-48	19930082121	NACA-TN-1425

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Distribution of losses behind a compressor rotor as measured by a rotating rake	Godwin, William R	17-Jan-56	19930088861	NACA-RM-L55F29
Langley full-scale-tunnel tests of the Custer Channel Wing airplane	Pasamanick, Jerome	7-Apr-53	19930087470	NACA-RM-L53A09
An Investigation of Aircraft Heaters XXVIII : Equations for Steady-State Temperature Distribution Caused by Thermal Sources in Flat Plates Applied to Calculation of Thermocouple Errors, Heat-meter Corrections, and Heat Transfer by Pin-fin Plates	Boelter, L M K; Romie, F E; Guibert, A G; Miller, M A	1-Aug-48	19930082085	NACA-TN-1452
General solutions for flow past slender cambered wings with swept trailing edges and calculation of additional loading due to control surfaces	Klunker, E B; Harder, Keith C	1-May-58	19930085206	NACA-TN-4242
Effect of dissociation on thermodynamic properties of pure diatomic gases	Woolley, Harold W	1-Apr-55	19930084083	NACA-TN-3270
Correlation of flight and analog investigations of roll coupling	Weil, Joseph; Day, Richard E	24-Sep-56	19930090285	NACA-RM-H56F08
Estimated strategic virgin metal requirements for eight production aircraft gas turbine engines		9-Feb-51	19930086562	NACA-RM-50L11
The effect of ground on the low-speed aerodynamics control, and control hinge-moment characteristics of a delta-wing-fuselage model with trailing-edge controls	Scallion, William I	24-Sep-54	19930088342	NACA-RM-L54H03
Propellant vaporization as a criterion for rocket-engine design : experimental effect of fuel temperature on liquid-oxygen - heptane performance	Heidmann, M F	26-Jul-57	19930089938	NACA-RM-E57E03
Wind-tunnel investigation of the aerodynamic characteristics in pitch of wing-fuselage combination at high subsonic speeds : sweep series	Wiggins, James W; Kuhn, Richard E	2-Jul-52	19930087156	NACA-RM-L52D18
The inward bulge type buckling of monocoque cylinders IV : experimental investigation of cylinders subjected to pure bending	Hoff, N J; Boley, Bruno A; Nardo, S V	1-Sep-48	19930082157	NACA-TN-1499
A torsional stiffness criterion for preventing flutter of wings of supersonic missiles	Budiansky, Bernard; Kotanchik, Joseph N; Chiarito, Patrick T	28-Aug-47	19930085738	NACA-RM-L7G02
Effect of standing transverse acoustic oscillations on fuel-oxidant mixing in cylindrical combustion chambers	Mickelsen, William R	1-May-57	19930084745	NACA-TN-3983
Performance of 24-inch supersonic axial-flow compressor in air. III : compressor performance with inlet guide vanes	Hartmann, Melvin J; Tysl, Edward R	10-Jul-50	19930093722	LFPL RM E50D27, NACA RM-E50D27
Performance characteristics at Mach numbers to 2.0 of various types of side inlets mounted on fuselage of proposed supersonic airplane IV : rectangular cowl inlets with two-dimensional compression ramps	Simon, Paul C	28-Oct-52	19930087282	NACA-RM-E52H29
The effect of wall friction on the strength of shock waves in tubes and hydraulic jumps in channels	Donaldson, Coleman Dup; Sullivan, Roger D	1-Sep-49	19930082615	NACA-TN-1942
Experimental static aerodynamic forces and moments at high subsonic speeds on a missile model during simulated launching from unswept-, sweptback and modified-delta-wing-fuselage combinations at zero sideslip	Alford, William J; King, Thomas J , Jr	19-Mar-57	19930089532	NACA-RM-L57B04

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Noise survey of a 10-foot four-blade turbine-driven propeller under static conditions	Kurbjun, Max C	1-Jul-55	19930084241	NACA-TN-3422
Experimental effects of propulsive jets and afterbody configurations on the zero-lift drag of bodies of revolution at a Mach number of 1.59	De Moraes, Carlos A; Nowitzky, Albin M	22-Apr-54	19930088187	NACA-RM-L54C16
Analysis of flight-performance measurements on a twisted, plywood-covered helicopter rotor in various flight conditions	Gustafson, F B; Gessow, Alfred	1-Jun-48	19930083117	NACA-TN-1595
An airborne indicator for measuring vertical velocity of airplanes at wheel contact	Dreher, Robert C	1-Feb-53	19930083610	NACA-TN-2906
Loads Due to Controls at Transonic and Low Supersonic Speeds	West, F. E, Jr; Czarnecki, K R	7-Jun-57	19930090315	NACA-RM-L57D26a
Free-flight transonic model investigation of jet effects on a fighter-type configuration employing a tail boom and three horizontal-tail positions	Jackson, Bruce G	20-Feb-58	19930090300	NACA-RM-L57J31
Full-scale investigation of an equilateral triangular wing having 10-percent-thick biconvex airfoil sections	Whittle, Edward F; Lovell, J Calvin	30-Sep-48	19930090363	NACA-RM-L8G05
Preliminary investigation of a variable-area auxiliary air-intake system at Mach numbers from 0 to 1.3	Swift, John T; Scherrer, Richard; Stroud, John F	25-Feb-53	19930087485	NACA-RM-A53A13
Downwash in vortex region behind trapezoidal-wing tip at Mach number 1.91	Cummings, J L; Baughman, L E	10-Nov-49	19930086110	NACA-RM-E9H15
Theoretical determination of water loads on pitching hulls and shock-mounted hydro-skis	Schnitzer, Emanuel	19-Oct-56	19930089392	NACA-RM-L56E31
Sound measurements for five shrouded propellers at static conditions	Hubbard, Harvey H	1-Apr-50	19930082682	NACA-TN-2024
Altitude investigation of linear dynamics of a two-spool turbojet engine	Novik, David; Heppler, Herbert; Blaschke, Ted C	28-Oct-54	19930088459	NACA-RM-E54J20
Low-speed measurement of static stability and damping derivatives of a 60 degree delta-wing model for angles of attack of 0 degrees to 90 degrees	Hewes, Donald E	14-Sep-54	19930088407	NACA-RM-L54G22a
Static longitudinal stability and control characteristics of a 1/16 -scale model of the Douglas D-558-II research airplane at Mach numbers of 1.61 and 2.01	Spearman, M Leroy	6-Nov-53	19930087915	NACA-RM-L53I22
Effect of fuel-air ratio concentration in combustion zone on combustion performance of a 16-inch ram-jet engine	Dangle, E E; Cervenka, A J; Bahr, D W	13-Apr-53	19930087755	NACA-RM-E53B19
An analysis of the normal accelerations and airspeeds of a two-engine type of transport airplane in commercial operations on routes in the central United States from 1948 to 1950	Walker, Walter G; Schumacher, Paul W J	1-Jul-52	19930083450	NACA-TN-2735
Effect of unequal air-flow distribution from twin inlet ducts on performance of an axial-flow turbojet engine	Walker, Curtis, L; Sivo, Joseph N; Jansen, Emmert T	3-Aug-54	19930088075	NACA-RM-E54E13
Experimental investigation of the forces and moments due to sideslip of a series of triangular vertical and horizontal tail combinations at Mach numbers	Coletti, Donald E	5-Aug-54	19930093712	NACA-RM-L54G01
Status of spin research for recent airplane designs	Neilhouse, Anshal I; Klinar, Walter J; Scher, Stanley H	16-Aug-57	19930089716	NACA-RM-L57F12
An aerodynamic and hydrodynamic investigation of two multijet water-based aircraft having low transonic drag rise	Olson, Roland E; Bielat, Ralph P	15-Feb-55	19930088632	NACA-RM-L55A11a

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Low-speed pressure-distribution investigation of a thin-delta-wing-fuselage model having double slotted flaps and spoilers	Croom, Delwin R; Huffman, Jarrett K	26-Feb-57	19930089691	NACA-RM-L56L07
External interference effects of a flow through static-pressure orifices of a NACA airspeed head at a Mach number of 3	Silsby, Norman S	1-Oct-57	19930084840	NACA-TN-4122
Investigation of translating-double-cone axisymmetric inlets with cowl projected areas 40 and 20 percent of maximum at Mach numbers from 3.0 to 2.0	Connors, James F; Wise, Goerge A; Lovell, J Calvin	20-May-57	19930089639	NACA-RM-E57C06
Theoretical calculations of the lateral stability derivatives for triangular vertical tails with subsonic leading edges traveling at supersonic speeds	Bobbitt, Percy J	1-Dec-54	19930083916	NACA-TN-3240
An Investigation of Convergent-Divergent Diffusers at Mach Number 1.85	Wyatt, Demarquis D; Hunczak, Henry R	28-Apr-47	19930085709	NACA-RM-E6K21
Theoretical characteristics in supersonic flow of constant-chord partial-span control surfaces on rectangular wings having finite thickness	Tucker, Warren A; Nelson, Robert L	1-Sep-48	19930082397	NACA-TN-1708
Effect of nozzle contour on drag of parabolic afterbodies	Vargo, Donald J; Englert, Gerald W	21-Jun-54	19930088383	NACA-RM-E54D02
The use of the horizontal rail for roll control	Campbell, John P	8-Feb-56	19930089029	NACA-RM-L55L16a
A method for deflection analysis of thin low-aspect-ratio wings	Stein, Manuel; Sanders, J Lyell, Jr	1-Jun-56	19930084395	NACA-TN-3640
Some considerations regarding the application of the supersonic area rule to the design of airplane fuselages	Whitcomb, Richard T	3-Jul-56	19930089406	NACA-RM-L56E23a
Fatigue-crack propagation and residual static strength of built-up structures	Hardrath, Herbert F; Whaley, Richard E	1-May-57	19930084965	NACA-TN-4012
An Analysis of Ramjet Engines Using Supersonic Combustion	Weber, Richard J; Mackay, John S	1-Sep-58	19930085282	NACA-TN-4386
Effect of a stringer on the stress concentration due to a crack in a thin sheet	Sanders, J Lyell, Jr	1-Mar-58	19930085085	NACA-TN-4207
Performance of an All-Internal Conical Compression Inlet with Annular Throat Bleed at Mach Number 5.0	Stitt, Leonard E.; Obery, Leonard J.	6-Aug-58	19930090164	NACA-RM-E58E14
Carbon deposition of several special turbojet-engine fuels	Wear, Jerrold D; Useller, James W	10-Apr-51	19930086598	NACA-RM-E51C02
A note on the drag due to lift of rectangular wings of low aspect ratio	Polhamus, Edward C	1-Jan-55	19930084097	NACA-TN-3324
Load distributions on wings and wing-body combinations at high angles of attack and supersonic speeds	Katzen, Elliott D; Pitts, William C	21-Jul-55	19930088737	NACA-RM-A55E17
A simplified method for determining from flight data the rate of change of yawing-moment coefficient with sideslip	Bishop, Robert C; Lomax, Harvard	1-Jun-46	19930081803	NACA-TN-1076
Wind-tunnel investigation at high subsonic speeds of drag at 0 degrees angle of attack of swept-wing-fuselage models with pylon-mounted and semisubmerged missiles	King, Thomas J , Jr	8-Oct-56	19930089584	NACA-RM-L56G19a
Experimental investigation at high subsonic speeds of the effects of leading-edge radius on the aerodynamic characteristics of a sweptback-wing - fuselage combination with leading-edge flaps and chord-extensions	Spreemann, Kenneth P	21-Jul-55	19930088723	NACA-RM-L55E25a
Some remarks on an approximate method of estimating the wave drag due to thickness at supersonic speeds of three-dimensional wings with arbitrary profile	Margolis, Kenneth	1-Feb-52	19930083438	NACA-TN-2619

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Comparison of relative sensitivities of the knock limits of two fuels to six engine variables	Cook, Harvey A; Held, Louis F; Pritchard, Ernest I	1-Aug-46	19930081826	NACA-TN-1117
Experimental hinge moments on freely oscillating flap-type control surfaces	Martz, C William	12-Oct-56	19930089458	NACA-RM-L56G20
Application of wing-body theory to drag reduction at low supersonic speeds	Baldwin, Barrett S , Jr; Dickey, Robert R	28-Jan-55	19930088453	NACA-RM-A54J19
Transonic aerodynamic characteristics in pitch of a W-wing having 60 degree 48 minute panel sweep, aspect ratio 3.5, and taper ratio 0.25	Morrison, William D , Jr	7-Aug-53	19930087749	NACA-RM-L53F22
Investigation of the effects of wing and tail modifications on the low-speed stability characteristics of a model having a thin 40 degree swept wing of aspect ratio 3.5	Weil, Joseph; Sleeman, William C , Jr; Byrnes, Andrew L , Jr	28-Apr-53	19930087743	NACA-RM-L53C09
Experimental techniques for predicting store motions during release or ejection	Faget, Maxime A; Carlson, Harry W	16-Feb-56	19930089145	NACA-RM-L55L20b
The Ames supersonic free-flight wind tunnel	Seiff, Alvin; James, Carlton S; Canning, Thomas N; Boissevain, Alfred G	25-Apr-52	19930086940	NACA-RM-A52A24
Bonded lead monoxide films as solid lubricants for temperatures up to 1250 F	Sliney, Harold E; Johnson, Robert L	7-May-57	19930089607	NACA-RM-E57B15
Investigation with an interferometer of the turbulent mixing of a free supersonic jet	Gooderum, Paul B; Wood, George P; Brevoort, Maurice J	1-Apr-49	19930082914	NACA-TN-1857
Effects of propeller-spinner juncture on the pressure-recovery characteristics of an NACA 1-series D-type cowl in combination with a four-blade single-rotation propeller at Mach numbers up to 0.83 and at an angle of attack of 0 degrees	Sammonds, Robert I; Molk, Ashley J	24-Jun-52	19930089151	NACA-RM-A52D01a
Density fields around a sphere at Mach numbers 1.30 and 1.62	Gooderum, Paul B; Wood, George P	1-Aug-50	19930082784	NACA-TN-2173
A statistical study of wave conditions at four open-sea localities in the North Pacific Ocean	Harney, L A; Saur, J F T; Robinson, A R	1-Jan-49	19930082150	NACA-TN-1493
Analytical and experimental performance of an explosion-cycle combustion chamber for a jet-propulsion engine	Zipkin, Morris A; Lewis, George W , Jr	1-Sep-48	19930082390	NACA-TN-1702
A free-flight investigation of the drag coefficients of two single-engine supersonic interceptor configurations from Mach number 0.8 to 1.90 to determine the effect of inlet and engine locations	Judd, Joseph H	28-Sep-55	19930089138	NACA-RM-L55G05a
Effect of shallow water on the hydrodynamic characteristics of a flat-bottom	Christopher, Kenneth W	1-Apr-56	19930084400	NACA-TN-3642
Effect of oxygen concentration of the inlet oxygen-nitrogen mixture on the combustion efficiency of a single J33 turbojet combustor	Graves, Charles C	13-Aug-52	19930087167	NACA-RM-E52F13
Papers on shimmy and rolling behavior of landing gears presented at Stuttgart Conference October 16 and 17, 1941	Fromm, H; Hoffman, E; Harling, R; Schrode, H; Kraft, P; Scheubel, Franz Nikolaus; Maier, E; Huber, L; Schunck, T E; Riekert, P; Schlippe, B V; Dietrich, R; Marquard, Erich; Renz, M	1-Aug-54	19930093865	NACA-TM-1365
Comparative tests on extruded 14S-T and extruded 24S-T hat-shape stiffener sections	Holt, Marshall; Feil, G W	1-Mar-47	19930081929	NACA-TN-1172

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Wind-tunnel investigation at a Mach number of 2.01 of forebody strakes for improving directional stability of supersonic aircraft	Driver, Cornelius	26-May-58	19930090045	NACA-RM-L58C11
Facilities and Methods Used in Full-Scale Airplane Crash-Fire Investigation	Black, Dugald O.	10-Mar-52	19930087934	NACA-RM-E51L06
Some dynamic effects of fuel motion in simplified model tip tanks on suddenly excited bending oscillations	Merten, Kenneth F; Stephenson, Bertrand H	1-Sep-52	19930083469	NACA-TN-2789
The aerodynamic behavior of a harmonically oscillating finite sweptback wing in supersonic flow	Chang, Chieh-Chien	1-Oct-51	19930083202	NACA-TN-2467
Measurements of the pressure distribution on the horizontal-tail surface of a typical propeller-driven pursuit airplane in flight III : tail loads in abrupt pull-up push-down maneuvers	Sadoff, Melvin; Clousing, Lawrence A	1-Feb-48	19930082221	NACA-TN-1539
A method for calculating stresses in torsion-box covers with cutouts	Rosecrans, Richard	1-Feb-51	19930082947	NACA-TN-2290
Internal and external aerodynamics of ducted bodies at supersonic speeds	Brown, Clinton E	1-Apr-46	19930093518	NACA-WR-L-728, NACA-CB-L6B26
Investigation of annular liquid flow with concurrent air flow in horizontal tubes	Kinney, Goerge R; Abramson, Andrew E	25-May-51	19930086499	NACA-RM-E51C13
Analysis of experimental sea-level transient data and analog method of obtaining altitude response for turbine-propeller engine with relay-type speed control	Vasu, George; Pack, George J	17-May-51	19930086691	NACA-RM-E51D26
Theoretical spanwise lift distributions of low-aspect-ratio wings at speeds below and above the speed of sound	Diederich, Franklin W; Zlotnick, Martin	1-Oct-49	19930082642	NACA-TN-1973
Experimental investigation of flutter and divergence characteristics of the rocket-motor fin of the ASROC missile : COORD. No. N-AM-66	Levey, Gilbert M; Hanson, Perry W	31-Jul-58	19930090243	NACA-RM-SL58H08a
A method of calibrating airspeed installations on airplanes at transonic and supersonic speeds by use of temperature measurements	Zolovcik, John A	1-Mar-50	19930082701	NACA-TN-2046
Engine performance of overtemperature heat-treated S-816 buckets	Signorelli, R A; Garrett, F B; Weeton, J W	2-Mar-56	19930089062	NACA-RM-E55L06a
Flight tests of a model having self-supporting fuel-carrying panels hinged to the wing tips	Shanks, Robert E; Grana, David C	2-Nov-49	19930086001	NACA-RM-L9I07a
Exploratory engine test of transpiration-cooled turbine-rotor blade with wire-cloth shell	Donoughe, Patrick L; Diaguila, Anthony J	1-Jan-54	19930087974	NACA-RM-E53K27
Criteria for prediction and control of ram-jet flow pulsations	Sterbentz, William H; Evvard, John C	1-Aug-55	19930084171	NACA-TN-3506
Transonic characteristics of a 45 degree sweptback wing-fuselage combination : effect of longitudinal wing position and division of wing and fuselage forces and moments	Hallissy, Joseph M; Bowman, Donald R	27-Feb-53	19930087368	NACA-RM-L52K04
Longitudinal-stability characteristics of the Northrop X-4 airplane (USAF No. 46-677)	Sadoff, Melvin; Sisk, Thomas R	29-Jun-50	19930086356	NACA-RM-A50D27
Investigation at a Mach number of 1.93 to determine lift, drag, pitching-moment, and average downwash characteristics for several missile configurations having rectangular wings and tails of various spans	Grigsby, Carl E	19-Oct-50	19930086365	NACA-RM-L50I08

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Solutions of laminar-boundary-equations which result in specific-weight-flow profiles locally exceeding free-stream values	Brown, W Byron; Livingood, John N B	1-Sep-52	19930083509	NACA-TN-2800
Appreciation and prediction of flying qualities	Phillips, William Hewitt	1-Aug-48	19930082297	NACA-TN-1670
Study by the Prandtl-Glauert method of compressibility effects and critical Mach number for ellipsoids of various aspect ratios and thickness ratios	Hess, Robert V; Gardner, Clifford S	3-Mar-47	19930093731	NACA-RM-L7B03a
High-temperature attack of various compounds on four heat-resisting alloys	Moore, D G; Richmond, J C; Harrison, W N	1-Oct-48	19930082425	NACA-TN-1731
On the three-dimensional instability of laminar boundary layers on concave walls	Gortler, Henry	1-Jun-54	19930093855	NACA-TM-1375
A study of the flow field behind the triangular horizontal tail of a canard airplane at approximately the vertical-tail location by means of a tuft grid	Johnson, Joseph L , Jr	10-Oct-52	19930087291	NACA-RM-L52H11
Investigation of wing flutter at transonic speeds for six systematically varied wing plan forms	Jones, George W , Jr; Dubose, Hugh C	13-Aug-53	19930087626	NACA-RM-L53G10a
Preliminary free-flight investigation of the zero-lift drag penalties of several missile nose shapes for infrared seeking devices	Piland, Robert O	9-Dec-52	19930090417	NACA-RM-L52F23
Comparison of theoretical and experimental heat transfer on a cooled 20 degrees cone with a laminar boundary layer at a Mach number of 2.02	Scherrer, Richard; Gowen, Forrest E	1-May-50	19930082902	NACA-TN-2087
A vibration damper for axial-flow compressor blading	Hanson, Morgan P	1-Jan-53	19930087650	NACA-RM-E53G13
Equal-strength design of tension-field webs and uprights	Upson, Ralph H; Phelps, George M; Liu, Tung-Sheng	1-Jan-52	19930083242	NACA-TN-2548
Method for Calculating Lift Distributions for Unswept Wings with Flaps or Ailerons by use of Nonlinear Section Lift Data	Sivells, James C; Westrick, Gertrude C	1-Jan-51	19930083136	NACA-TN-2283
Effect of Mach number on over-all performance of single-stage axial-flow compressor designed for high pressure ratio	Voit, Charles H; Guentert, Donald C; Dugan, James F	10-Jul-50	19930086338	NACA-RM-E50D26
Investigation of the effect of balancing tabs on the hinge-moment characteristics of a trailing-edge flap-type control on a trapezoidal wing at a Mach number of 1.61	Driver, Cornelius; Lord, Douglas R	5-Aug-54	19930088311	NACA-RM-L54F22
Chordwise and spanwise loadings measured at low speed on large triangular wings	Anderson, Adrien E	19-Apr-49	19930085963	NACA-RM-A9B17
An analog study of a shock-position diffuser control on a supersonic turbojet engine	Novik, David	17-Aug-56	19930089429	NACA-RM-E56E09a
Free-flight investigation of comparative zero-lift rolling effectiveness of a leading edge and a trailing edge air-jet spoiler on an unswept wing	Kehlet, Alan B	1-Aug-57	19930089726	NACA-RM-L57F10
Investigation of flow coefficient of circular, square, and elliptical orifices at high pressure ratios	Callaghan, Edmund E; Bowden, Dean T	1-Sep-49	19930082624	NACA-TN-1947
Static lateral and directional stability and control characteristics of revised 1/22-scale model of the Republic F-105 airplane at Mach numbers of 1.41 and 2.01 : COORD No. AF-163	Robinson, Ross B; Foster, Gerald V	19-Nov-56	19930089551	NACA-RM-SL56J30

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Calculated spanwise lift distributions and aerodynamic influence coefficients for swept wings in subsonic flow	Diederich, Franklin W; Zlotnick, Martin	1-Oct-55	19930084260	NACA-TN-3476
Correlation of cylinder-head temperatures of a multicylinder, liquid-cooled engine of 1710-cubic-inch displacement	Lundin, Bruce T; Povolny, John H; Chelko, Louis J	31-Aug-48	19930085579	NACA-RM-E8B06
Measurements of aerodynamic characteristics of a 35 degree sweepback NACA 65-009 airfoil model with 1/4 chord flap having 31 percent flap chord overhang balance by the NACA wing flow method	Johnson, Harold I; Goodman, Harold R	25-Sep-50	19930086269	NACA-RM-L50H09
Procedure for calculating turbine blade temperatures and comparison of calculated with observed values for two stationary air-cooled blades	Richards, Hadley T; Slone, Henry O; Brown, W Byron	29-Sep-52	19930087273	NACA-RM-E52H07
Free-flight investigation to determine some effects of tail damping and wing-tail interference on the rolling effectiveness of inboard and outboard ailerons on an untapered sweptback wing	English, Roland D	7-Mar-55	19930088587	NACA-RM-L54L17a
Investigation of turbines suitable for use in a turbojet engine with high compressor pressure ratio and low compressor-tip speed VI: experimental performance of two-stage turbine	Davison, Elmer H; Schum, Harold J; Petrash, Donald A	20-Aug-56	19930089411	NACA-RM-E56E04
Spin-tunnel investigation of the jettisoning of external fuel tanks in spins	Berman, Theodore	30-Nov-49	19930086129	NACA-RM-L9J25
Application of the Von Karman momentum theorem to turbulent boundary layers	Bidwell, Jerold M	1-Dec-51	19930083311	NACA-TN-2571
Mechanism of beneficial effects of boron and zirconium on creep-rupture properties of a complex heat-resistant alloy	Decker, R F; Freeman, J W	1-Aug-58	19930085108	NACA-TN-4286
Generalization of Joukowski formula to an airfoil of a cascade in compressible gas stream with subsonic velocities	Loitsianskii, L G	1-Sep-51	19930093926	NACA-TM-1304
Measurements of the pressure distribution on the horizontal tail surface of a typical propeller-driven pursuit airplane in flight II : the effect of angle of sideslip and propeller operation	Sadoff, Melvin; Clousing, Lawrence A	1-May-47	19930081856	NACA-TN-1202
Investigation of the aerodynamic characteristics of a model wing-propeller combination and of the wing and propeller separately at angles of attack up to 90 degrees	Draper, John W; Kuhn, Richard E	1-Nov-54	19930084045	NACA-TN-3304
A power-series solution for the unsteady laminar boundary-layer flow in an expansion wave of finite width moving through a gas initially at rest	Cohen, Nathaniel B	1-Jun-57	19930085016	NACA-TN-3943
A method utilizing data on the spiral, roll-subsidence, and dutch roll modes for determining lateral stability derivatives from flight measurements	Klawans, Bernard B; White, Jack A	1-Aug-57	19930084970	NACA-TN-4066
Investigation of transonic turbine designed for zero diffusion of suction-surface velocity	Whitney, Warren; Monroe, Daniel E; Wong, Robert Y	24-Aug-54	19930090527	NACA-RM-E54F23
Use of the Coanda effect for jet deflection and vertical lift with multiple-flat-plate and curved-plate deflection surfaces	Von Glahn, Uwe H	1-Sep-58	19930085305	NACA-TN-4377

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Measured and predicted dynamic response characteristics of a flexible airplane to elevator control over a frequency range including three structural modes	Cole, Henry A , Jr; Holleman, Euclid C	1-Feb-58	19930084927	NACA-TN-4147
An analysis of the turbulent boundary-layer characteristics on a flat plate with distributed light-gas injection	Rubesin, Morris W; Pappas, Constantine C	1-Feb-58	19930084934	NACA-TN-4149
Flight investigation of the effect of a local change in wing contour on chordwise pressure distribution at high speeds	Adams, Richard E; Silsby, Norman S	1-Sep-46	19930081838	NACA-TN-1152
Some numerical solutions of similarity equations for three-dimensional laminar incompressible boundary-layer flows	Yohner, Peggy L; Hansen, Arthur G	1-Sep-58	19930085287	NACA-TN-4370
Effect of wall cooling on inlet parameters of a scoop operating in a turbulent boundary layer on a flat or conical surface for Mach numbers 2 to 10	Beke, Andrew	1-Mar-58	19930084952	NACA-TN-4153
Effects of blade plan form on free-space oscillating pressures near propellers at flight Mach numbers to 0.72	Kurbjun, Max C	1-Aug-57	19930084988	NACA-TN-4068
Investigation of the effects of propeller diameter on the ability of a flapped wing, with and without boundary-layer control, to deflect a propeller slipstream downward for vertical take-off	Spreemann, Kenneth P	1-Dec-57	19930085090	NACA-TN-4181
Theory of thin-walled rods	Goldenveizer, A L	1-Oct-51	19930093908	NACA-TM-1322
Effect of some solution treatments followed by an aging treatment on the life of small cast gas-turbine blades of a cobalt-chromium-base alloy I : effect of solution-treating temperatures	Yaker, Charles; Hoffman, Charles A	1-Mar-51	19930083003	NACA-TN-2320
Supplementary note on modified-impact-theory calculations for bodies of revolution having minimum drag at hypersonic speeds	Resnikoff, Meyer M	18-Jul-52	19930087218	NACA-RM-A52D24
A study of the use of experimental stability derivates in the calculation of the lateral disturbed motions of a swept-wing airplane and comparison with flight results	Bird, John D; Jaquet, Byron M	1-Jan-50	19930083220	NACA-TN-2013
Flight investigation to determine lift and drag characteristics of a canard ram-jet missile configuration in the Mach number range of 0.8 to 2.0	Gammal, Abraham A; Kennedy, Thomas L	17-Jun-54	19930088289	NACA-RM-L54D28
Use of choked nozzle technique and exhaust jet diffuser for extending operable range of jet-engine research facilities	Povolny, John H	22-Jul-52	19930090441	NACA-RM-E52E12
An experimental investigation of an exhaust-gas-to-air heat exchanger for use on jet-stack-equipped engines	Stalder, Jackson R; Spies, Ray J , Jr	5-Oct-48	19930085377	NACA-RM-A8E14
Analysis of the horizontal-tail loads measured in flight on a multiengine jet bomber	Aiken, William S; Wiener, Bernard	1-Sep-55	19930084276	NACA-TN-3479
Some recent data from flight tests of rocket-powered models		7-Feb-51	19930086457	NACA-RM-L50K24
Experimental and theoretical study of the effects of body size on the aerodynamic characteristics of an aspect ratio 3.0 wing-body combination	Hopkins, Edward J; Carel, Hubert C	4-Oct-51	19930086662	NACA-RM-A51G24

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The effect on zero-lift drag of an indented fuselage or a thickened wing-root modification to a 45 degrees sweptback wing-body configuration as determined by flight tests at transonic speeds	Pepper, William B	20-Sep-51	19930086709	NACA-RM-L51F15
Effect of temperature on viscosity of slurries of boron and magnesium in JP-5 fuel	Hipsher, Harold F	18-Jul-55	19930089927	NACA-RM-E55E19
Wind-tunnel investigation of the static lateral stability characteristics of wing-fuselage combinations at high subsonic speeds : sweep series	Kuhn, Richard E; Fournier, Paul G	9-Sep-52	19930087175	NACA-RM-L52G11A
Heat-transfer and pressure measurements from a flight test of a 1/18-scale model of the Titan intercontinental ballistic missile up to a Mach number of 3.95 and Reynolds number per foot of 23 x 10(exp 6) : COORD. No. AF-AM-70	Graham, John B , Jr; Chauvin, Leo T; Speegle, Katherine C	19-Dec-57	19930089957	NACA-RM-SL57L16a
Airplane configurations for cruise at a Mach number of 3	Baals, Donald D; Toll, Thomas A; Morris, Owen G	4-Aug-58	19930090169	NACA-RM-L58E14a
Preliminary investigation of effects of alpha-particle bombardment on the creep rate of aluminum	Kittel, J Howard	3-Jul-47	19930085687	NACA-RM-E7E13
Effects of wing inboard plan-form modifications on lift, drag, and longitudinal stability at Mach numbers from 1.0 to 2.3 of a rocket-propelled free-flight model with a 52.5 degree sweptback wing of aspect ratio 3	Henning, Allen B	19-Jun-57	19930089916	NACA-RM-L57D29
The role of triple collisions in excitation of molecular vibrations in nitrous oxide	Walker, Richard A; Rossing, Thomas D; Legvold, Sam	1-May-54	19930084061	NACA-TN-3210
Comparison of National Bureau of Standards ceramic coatings L-7C and A-417 on turbine blades in a turbojet engine	Morse, C Robert	22-Dec-48	19930085593	NACA-RM-E8I20
A general theory of three-dimensional flow in subsonic and supersonic turbomachines of axial-, radial-, and mixed-flow types	Wu, Chung-Hua	1-Jan-52	19930083325	NACA-TN-2604
Investigation of a high-pressure-ratio eight-stage axial-flow research compressor with two transonic inlet stages II : preliminary analysis of over-all performance	Geye, Richard P; Voit, Charles H; Budinger, Ray E	1-Dec-53	19930088018	NACA-RM-E53J06
Analysis of coolant flow and pressure requirements for a return-flow turbine rotor blade design using hydrogen, helium, or air as coolant	Slone, Henry O; Donoughe, Patrick L	7-May-57	19930089613	NACA-RM-E57B18
Investigation of an impulse axial-flow compressor	Erwin, John R; Shulze, Wallace M	8-Feb-50	19930086017	NACA-RM-L9J05a
Flow separation from rods ahead of blunt noses at Mach number 2.72	Jones, Jim J	15-Jul-52	19930087040	NACA-RM-L52E05a
Transition-flight tests of a model of a low-wing transport vertical-take-off airplane with tilting wing and propellers	Lovell, Powell M , Jr; Parlett, Lysle P	1-Sep-56	19930084570	NACA-TN-3745
Analysis of the creep behavior of a square plate loaded in edge compression	Mccomb, Harvey G , Jr	1-Sep-58	19930085183	NACA-TN-4398
Impingement of Water Droplets on an Ellipsoid with Fineness Ration 10 in Axisymmetric Flow	Brun, Rinaldo J; Dorsch, Robert G	1-May-54	19930083846	NACA-TN-3147
Temperature gradients in the wing of a high-speed airplane during dives from high altitudes	Tendeland, Thorval; Schlaff, Bernard A	1-Jul-48	19930082313	NACA-TN-1675
Static-thrust characteristics of the NACA 8.75-(5)(05)-037 dual-rotation propeller	Norton, Harry T , Jr	10-Jul-56	19930089359	NACA-RM-L56C27

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Effects of some solution treatments followed by an aging treatment on the life of small cast gas-turbine blades of a cobalt-chromium-base alloy II : effect of selected combinations of soaking time, temperature, and cooling rate	Hoffman, C A; Robards, C F	1-Oct-51	19930083253	NACA-TN-2513
Tests in the Ames 40- by 80-foot wind tunnel of an airplane model with an aspect ratio 4 triangular wing and an all-movable horizontal tail - high-lift devices and lateral controls	Franks, Ralph W	20-Feb-53	19930087386	NACA-RM-A52K13
Summary report of results obtained during demonstration tests of the Northrop X-4 airplanes	Sadoff, Melvin; Sisk, Thomas R	13-Dec-50	19930086420	NACA-RM-A50I01
Direct method of design and stress analysis of rotating disks with temperature gradient	Manson, Samuel S	1-Oct-49	19930082634	NACA-TN-1957
Evaluation of operating characteristics of a supersonic free-jet facility for full-scale ram-jet investigations	Wentworth, Carl B; Hurrell, Herbert G; Nakanishi, Shigeo	28-Oct-52	19930087301	NACA-RM-E52I08
Altitude cooling investigation of the R-2800-21 engine in the P-47g airplane III : individual-cylinder temperature reduction by means of intake-pipe throttle and by coolant injection	Bell, E Barton; Valerino, Michael F; Manganiello, Eugene J	9-Oct-46	19930084348	NACA-RM-E6I06
Force and pressure characteristics for a series of nose inlets at Mach numbers from 1.59 to 1.99 III : conical-spike all-external-compression inlet with supersonic cowl lip	Weinstein, Maynard I; Davids, Joseph	14-Feb-51	19930086397	NACA-RM-E50J30
Low-speed static stability characteristics of a canard model with a 45 degree sweptback wing and a 60 degree triangular horizontal control surface	Draper, John W	6-Sep-50	19930086383	NACA-RM-L50G11
A study of elastic and plastic stress concentration factors due to notches and fillets in flat plates	Hardrath, Herbert F; Ohman, Lachlan	1-Dec-51	19930083288	NACA-TN-2566
Investigation at large scale of the pressure distribution and flow phenomena over a wing with the leading edge swept back 47.5 degrees having circular-arc airfoil sections and equipped with drooped-nose and plain flaps	Lange, Roy H; Whittle, Edward F , Jr; Fink, Marvin P	8-Sep-49	19930085940	NACA-RM-L9G15
Comparison between flight-measured and calculated span load distribution at high Mach numbers	Rolls, L Stewart	26-Nov-47	19930085791	NACA-RM-A7G17
Analog-computer investigation of effects of friction and preload on the dynamic longitudinal characteristics of a pilot-airplane combination	Crane, Harold L	20-Nov-57	19930093749	NACA-RM-L57I18
Experimental investigation of stage performance of J71 three-stage turbine	Forrette, Obert E	20-Dec-54	19930093971	NACA-RM-E54I09
Low-speed characteristics of a 45 degree sweptback wing of aspect ratio 8 from pressure distributions and force tests at Reynolds numbers from 1,500,000 to 4,800,000	Graham, Robert R	22-Oct-51	19930086854	NACA-RM-L51H13
Force, static longitudinal stability, and control characteristics of a 1/16-scale model of the Bell XS-1 transonic research airplane at high Mach numbers	Mattson, Axel T; Loving, Donald L	23-Jun-48	19930085331	NACA-RM-L8A12

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Preliminary investigation of control characteristics at transonic speeds of a tapered 45 degree sweptback wing of aspect ratio 3 having a horn-balanced full-span control	Lowry, John G; Fikes, Joseph E	10-Apr-52	19930087030	NACA-RM-L52A11
Analysis of shock motion in ducts during disturbances in downstream pressure	Hurrell, Herbert G	1-Sep-57	19930084803	NACA-TN-4090
Experimental investigation of the effect of aspect ratio and Mach number on the flutter of cantilever wings	Widmayer, E , Jr; Lauten, W T , Jr; Clevenson, S A	1-Jun-50	19930093828	NACA-RM-L50C15a
Investigation in the Ames 12-foot pressure wind tunnel of a model horizontal tail of aspect ratio 3 and taper ratio 0.5 having the quarter-chord line swept back 45 degrees	Kolbe, Carl D; Bandettini, Angelo	25-Jun-51	19930086603	NACA-RM-A51D02
Examination of smoke and carbon from turbojet-engine combustors	Clark, Thomas P	10-Nov-52	19930087309	NACA-RM-E52I26
Air admixture to exhaust jets	Sanger, Eugen	1-Jul-53	19930093873	NACA-TM-1357
A variable-frequency light synchronized with a high-speed motion-picture camera to provide very short exposure times	Lindsey, Walter F; Burlock, Joseph	1-May-53	19930083942	NACA-TN-2949
Aerodynamic heating of blunt nose shapes at Mach numbers up to 14	Stoney, William E , Jr	11-Aug-58	19930090096	NACA-RM-L58E05a
A preliminary study of the effect of boric oxide deposits on the performance of two selected turbine stator-blade shapes	Setze, Paul C; Nusbaum, William J	25-Feb-58	19930089970	NACA-RM-E57L18
Buckling of low arches or curved beams of small curvature	Fung, Y C; Kaplan, A	1-Nov-52	19930083579	NACA-TN-2840
Analytical method for determining transmission and absorption of time-dependent radiation through thick absorbers I : radioactivity of absorber, time-dependent	Allen, G	1-Aug-49	19930082920	NACA-TN-1919
Effects of twist and camber on the low-speed characteristics of a large-scale 45 degree swept-back wing	Hunton, Lynn W	20-Mar-50	19930086123	NACA-RM-A50A10
Analysis of effects of airplane characteristics and autopilot parameters on a roll-command system with aileron rate and deflection limiting	Schy, Albert A; Gates, Ordway B , Jr	2-Sep-55	19930088750	NACA-RM-L55E18
Flight measurements and analysis of helicopter normal load factors in maneuvers	Gustafson, F B; Crim, Almer D	1-Aug-53	19930083727	NACA-TN-2990
Similar Solutions for the Compressible Laminar Boundary Layer with Heat Transfer and Pressure Gradient	Cohen, Clarence B; Reshotko, Eli	1-Feb-55	19930084102	NACA-TN-3325
The subsonic static aerodynamic characteristics of an airplane model having a triangular wing of aspect ratio 3. I : effects of horizontal-tail location and size on the longitudinal characteristics	Tinling, Bruce E; Lopez, Armando E	1-Jul-57	19930084787	NACA-TN-4041
Preliminary survey of airplane combat fire problem	Rodert, Lewis A	1-Jan-52	19930087210	NACA-RM-E52G21
Stability limits and burning velocities of laminar hydrogen-air flames at reduced pressure	Fine, Burton	1-Nov-56	19930084561	NACA-TN-3833
Experimental investigation of coolant-flow characteristics of a sintered porous turbine blade	Bartoo, Edward R; Schafer, Louis J , Jr; Richards, Hadley T	6-Feb-52	19930086804	NACA-RM-E51K02

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Wind-tunnel investigation of horizontal tails V : 45 degree swept-back plan form of aspect ratio 2	Dods, Jules B JR	27-Sep-49	19930085848	NACA-RM-A9D05
Summary of Scale-model thrust-reverser investigation	Povolny, John H; Steffen, Fred W; Mcardle, Jack G	1-Feb-56	19930084894	NACA-TN-3664
Aerodynamic force characteristics at high speeds of a full-scale horizontal tail surface tested in the Langley 16-foot high-speed tunnel	Schueller, Carl F; Hieser, Gerald; Cooper, Morton	9-Jun-47	19930085617	NACA-RM-L7D08a
Dynamics of a supersonic inlet with adjustable bypass in combination with a J34 turbojet engine	Wilcox, Fred; Whalen, Paul	23-Mar-56	19930088994	NACA-RM-E55L13a
Isentropic phase changes in dissociating gases and the method of sound dispersion for the investigation of homogeneous gas reactions with very high speed : Conclusion	Damkohler, Gerhard	1-Sep-50	19930093961	NACA-TM-1269
Experimental investigation of the flow around lifting symmetrical double-wedge airfoils at Mach numbers of 1.30 and 1.41	Gooderum, Paul B; Wood, George P	1-Mar-56	19930084371	NACA-TN-3626
Investigation of ejection releases of an MB-1 rocket from a 0.04956-scaled model of the Convair F-106A airplane at several Mach numbers and simulated attitudes : COORD. No. AF-AM-57	Lee, John B; Basford, Robert C	17-Sep-57	19930090000	NACA-RM-SL57I11
Nonlinear theory of a hot-wire anemometer	Betchov, R	1-Jul-52	19930093884	NACA-TM-1346
Tests of a centering spring used as an artificial feel device on the elevator of a fighter airplane	Adams, James J; Whitten, James B	12-Sep-52	19930087186	NACA-RM-L52G16
Aerodynamic performance and static stability and control of flat-top hypersonic gliders at Mach numbers from 0.6 to 18	Syverson, Clarence A; Gloria, Hermilo R; Sarabia, Michael F	17-Sep-58	19930090232	NACA-RM-A58G17
Effect of temperature on dynamic modulus of elasticity of some structural alloys	Vosteen, Louis F	1-Aug-58	19930085159	NACA-TN-4348
Cumulative fatigue damage of axially loaded alclad 75S-T6 and alclad 24S-T3 aluminum-alloy sheet	Smith, Ira; Howard, Darnley M; Smith, Frank C	1-Sep-55	19930084130	NACA-TN-3293
Wind-tunnel investigation at Mach numbers of 1.5 and 2.0 of a canard missile configuration	Spahr, J Richard; Robinson, Robert A	11-May-51	19930086621	NACA-RM-A51C08
Wind-tunnel investigation of effect of sweep on rolling derivatives at angles of attack up to 13 degrees and at high subsonic Mach numbers, including a semiempirical method of estimating the rolling derivatives	Wiggins, James W	1-Jan-58	19930085118	NACA-TN-4185
Preliminary analysis of over-all performance of an eight-stage axial -flow research compressor with two long-chord transonic inlet stages	Sievers, Gilbert K; Lucas, James G; Geye, Richard P	10-Feb-58	19930089861	NACA-RM-E57H14
Lift, drag and pitching moment of low-aspect-ratio wings at subsonic and supersonic speeds : comparison of three wings of aspect ratio 2 of rectangular, swept-back and triangular plan form, including effects of thickness distribution	Hightower, Ronald C	16-Feb-53	19930087444	NACA-RM-A52L02
Flight measurements of pressures on base and rear part of fuselage of the Bell X-1 research airplane at transonic speeds, including power effects	Knapp, Ronald J; Johnson, Wallace E	28-Jan-53	19930087429	NACA-RM-L52L01

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Effect of an all-movable wing-tip control on the longitudinal stability of 60 degree sweptback-wing-indented-body configuration equipped with fences at transonic speeds	Fischetti, Thomas L; Loving, Donald L	4-Apr-55	19930088554	NACA-RM-L54L30
Flight testing by radio remote control-flight evaluation of a beep-control system	Turner, Howard L; White, John S; Van Dyke, Rudolph D , Jr	1-Mar-55	19930084356	NACA-TN-3496
Investigation of boundary-layer transition on 10 degree cone in langley 4- by 4-foot supersonic pressure tunnel at Mach numbers of 1.41, 1.61, and 2.01	Sinclair, Archibald R; Czarnecki, K R	1-May-56	19930084419	NACA-TN-3648
Effect of heat-capacity lag on a variety of turbine-nozzle flow processes	Spooner, Robert B	1-Oct-50	19930082842	NACA-TN-2193
Transonic wind-tunnel investigation of static-pressure fluctuations in duct of a scale inlet model of a supersonic fighter-bomber airplane	Brooks, Joseph D	6-Aug-57	19930089664	NACA-RM-L57C17
A wind-tunnel investigation at low speed of various lateral controls on a 45 degree swept-back wing	Hopkins, Edward J	9-Apr-48	19930085888	NACA-RM-A7L16
An approximate solution for axially symmetric flow over a cone with an attached shock wave	Hord, Richard A	1-Oct-55	19930084302	NACA-TN-3485
Calculated condenser performance for a steam turbine power plant for aircraft	Humble, Leroy V; Doyle, Ronald B	20-May-48	19930085809	NACA-RM-E7J01
Effect of finite span on the airload distributions for oscillating wings. II - Methods of calculation and examples of application	Reissner, Eric; Stevens, John E	1-Oct-47	19930082169	NACA-TN-1195
The effects of amount and type of camber on the variation with Mach number of the aerodynamic characteristics of a 10-percent-thick NACA 64A- series airfoil section	Summers, James L; Treon, Stuart L	1-May-50	19930082803	NACA-TN-2096
Effect of nose shape and trailing-edge bluntness on the aerodynamic characteristics of an unswept wing of aspect ratio 3.1, taper ratio 0.4, and 3-percent thickness	Heitmeyer, John C	15-Mar-54	19930088084	NACA-RM-A54A04
A free-flight investigation of the effects of a sonic jet on the total-drag and base-pressure coefficients of a boattail body of revolution from Mach number 0.83 to 1.70	Falanga, Ralph A	8-Mar-56	19930089157	NACA-RM-L55L21
Gust-tunnel investigation of a 45 degree sweptforward-wing model	Pierce, Harold B	1-Oct-48	19930082409	NACA-TN-1717
Experimental investigation of a five-stage axial-flow research compressor with transonic rotors in all stages II : compressor over-all performance	Kovach, Karl; Sandercock, Donald M	8-Sep-54	19930088375	NACA-RM-E54G01
An analysis of ducted-airfoil ram jets for supersonic aircraft	Hill, Paul R; Gammal, A A	7-Jul-48	19930085783	NACA-RM-L7I24
Investigation of the effects of model scale and stream Reynolds number on the aerodynamic characteristics of two rectangular wings at supersonic speeds in the Langley 9-inch supersonic tunnel	Coletti, Donald E	14-Jun-55	19930088711	NACA-RM-L55D29
Lift and pitching-moment interference between a pointed cylindrical body and triangular wings of various aspect ratios at Mach numbers of 1.50 and 2.02	Nielsen, Jack N; Katzen, Elliott D; Tang, Kenneth K	1-Dec-56	19930084523	NACA-TN-3795

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Experimental investigation of the pure-bending strength of 75S-T6 aluminum-alloy multiweb beams with formed-channel webs	Pride, Richard A; Anderson, Melvin S	1-Mar-54	19930083786	NACA-TN-3082
Pressure waves generated by addition of heat in a gaseous medium	Chu, Boa-Teh	1-Jun-55	19930084155	NACA-TN-3411
Flying qualities of a high-performance personal-owner airplane	Adams, James J; Lhitten, James B	8-Nov-51	19930090331	NACA-RM-SL51F18
An analytical method for evaluating factors affecting application of transpiration cooling to gas turbine blades	Esgar, Jack B	8-Sep-52	19930087228	NACA-RM-E52G01
Analysis of factors affecting selection and design of air-cooled single-stage turbine for turbojet engines I : turbine performance and engine weight-flow capacity	Rossbach, Richard J; Schramm, Wilson B; Hubbart, James E	25-May-54	19930088203	NACA-RM-E54C22
Systematic investigations of the influence of the shape of the profile upon the position of the transition point.	Bussmann, K; Ulrich, A	1-Oct-47	19930092185	NACA-TM-1185
Effect of aspect ratio on the low-speed lateral control characteristics of unswept untapered low-aspect-ratio wings	Naeseth, Rodger L; O'Hare, William M	1-May-51	19930083018	NACA-TN-2348
Preliminary investigation of effects of combustion in ram jet performance of supersonic diffusers II : perforated supersonic inlet	Schroeder, Albert H; Connors, James F	4-Oct-48	19930090379	NACA-RM-E8G16
On the calculation of the 1 (center dot) P oscillating aerodynamic loads on single-rotation propellers in pitch on tractor airplanes	Rogallo, Vernon L; Yaggy, Paul F	1-May-55	19930084120	NACA-TN-3395
Electrostatic spark ignition-source hazard in airplane crashes	Busch, Arthur M	1-Oct-53	19930083821	NACA-TN-3026
A method for predicting the stability in roll of automatically controlled aircraft based on the experimental determination of the characteristics of an automatic pilot	Jones, Robert T; Sternfield, Leonard	1-Jun-49	19930082573	NACA-TN-1901
Low-speed yawed-rolling characteristics and other elastic properties of a pair of 40-inch-diameter, 14-ply-rating, type VII aircraft tires	Horne, Walter B; Smiley, Robert F	1-Jan-58	19930084865	NACA-TN-4109
Flight determination of minimum drag of 0.11-scale rocket-boosted model of the Chance Vought XF8U-1 airplane with modified fuselage area distribution and faired inlet at Mach number from 0.82 to 1.68 : TED No. NACA DE 392	Hastings, Earl C , Jr	26-Sep-55	19930088930	NACA-RM-SL55I27
A theoretical and experimental study of wind-tunnel-wall effects on oscillating air forces for two-dimensional subsonic compressible flow	Runyan, Harry L; Woolston, Donald S; Rainey, A Gerald	23-Jan-53	19930087352	NACA-RM-L52I17a
Experimental investigation of ejector-nozzle metal temperatures	Shillito, Thomas B; Koffel, William K	27-Feb-57	19930089626	NACA-RM-E56K20
Control hinge-moment and effectiveness characteristics of a 60 degree half-delta tip control on a 60 degree delta wing at Mach numbers of 1.41 and 1.96	Guy, Lawrence D	14-Oct-52	19930087324	NACA-RM-L52H13
Effects of spanwise location of sweep discontinuity on the low-speed longitudinal stability characteristics of a complete model with wings of M and W plan form	Fournier, Paul G	20-Jan-55	19930088619	NACA-RM-L54K23
Laminar flow of a slightly viscous incompressible fluid that issues from a slit and passes over a flat plate	Tetervin, Neal	1-Jun-48	19930082261	NACA-TN-1644

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Supersonic investigation of the lift, drag, static stability, and hinge-moment characteristics of a rocket-powered model of a ballistic-missile configuration	Gillespie, Warren, Jr	28-Sep-56	19930089477	NACA-RM-L56G24
Total-Pressure Distortion and Recovery of Supersonic Nose Inlet with Conical Centerbody in Subsonic Icing Conditions	Gelder, Thomas F	17-Sep-57	19930093764	NACA-RM-E57G09
Full-scale investigation of the blade motion of the PV-2 helicopter rotor	Migotsky, Eugene	1-Mar-48	19930082205	NACA-TN-1521
Preliminary performance data obtained in a full-scale free-jet investigation of a side-inlet supersonic diffuser	Farley, John M; Smith, Ivan D	30-Nov-54	19930088472	NACA-RM-SE54J22
Effects of some external-store mounting arrangements and store shapes on the buffet and drag characteristics of wingless rocket-powered models at Mach numbers from 0.7 to 1.4	Mason, Homer P; Henning, Allen B	6-Dec-54	19930088522	NACA-RM-L54I20a
Aerodynamic characteristics of a refined deep-step planing-tail flying-boat hull with various forebody and afterbody shapes	Riebe, John M; Naeseth, Rodger L	5-Nov-48	19930085399	NACA-RM-L8F01
Critical stress of plate columns	Houbolt, John C; Stowell, Elbridge Z	1-Aug-50	19930082777	NACA-TN-2163
Results of a power-on flight of a 1/10-scale rocket-propelled model of the Convair XF2Y-1 airplane at a Mach number of 1.53 : TED No. NACA DE 365	Bland, William M , Jr; Nelson, Robert L	28-Sep-53	19930088304	NACA-RM-SL53I30a
Stability limits and burning velocities for some laminar and turbulent propane and hydrogen flames at reduced pressure	Fine, Burton	1-Aug-57	19930085298	NACA-TN-4031
Summary of flutter experiences as a guide to the preliminary design of lifting surfaces on missiles	Martin, Dennis J	9-Nov-51	19930086797	NACA-RM-L51J30
A flight investigation of the handling characteristics of a fighter airplane controlled through automatic-pilot control systems	Sjoberg, S A	1-Sep-55	19930088742	NACA-RM-L55F01b
Flight experience with two high-speed airplanes having violent lateral-longitudinal coupling in aileron rolls		4-Feb-55	19930088648	NACA-RM-H55A13
Fatigue-crack propagation in aluminum alloy box beams	Hardrath, Herbert F; Leybold, Herbert A; Landers, Charles B; Hauschild, Louis W	1-Aug-56	19930084636	NACA-TN-3856
A pressure-distribution investigation of a supersonic aircraft fuselage and calibration of the Mach number 1.59 nozzle of the Langley 4- by 4- foot supersonic tunnel	Cooper, Morton; Smith, Norman F; Kainer, Julian H	29-Jul-49	19930086045	NACA-RM-L9E27a
Velocity distribution on wing sections of arbitrary shape in compressible potential flow II : subsonic symmetric adiabatic flows	Bers, Lipman	1-Jun-46	19930081808	NACA-TN-1012
Effects of wing-fuselage flow fields on missile loads at subsonic speeds	Alford, William J , Jr	27-Jun-55	19930088756	NACA-RM-L55E10a
Method for calculating downwash field due to lifting surfaces at subsonic and supersonic speeds	Harmon, Sidney Morris	1-Apr-51	19930082987	NACA-TN-2344
Investigation of two-stage air-cooled turbine suitable for flight at Mach number of 2.5 I : velocity-diagram study	Miser, James W; Stewart, Warner L	22-Oct-56	19930089589	NACA-RM-E56H14

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Flutter of a uniform wing with an arbitrarily placed mass according to a differential-equation analysis and a comparison with experiment	Runyan, Harry L; Watkins, Charles E	1-Mar-49	19930082519	NACA-TN-1848
Exhaust turbine and jet propulsion systems	Leist, Karl; Knornschild, Eugen	1-Apr-51	19930093936	NACA-TM-1294
A semiempirical correlation of afterburner combustion efficiency and lean-blowout fuel-air-ratio data with several afterburner-inlet variables and afterburner lengths	King, Charles R	17-Sep-57	19930089902	NACA-RM-E57F26
Investigation of ice formation in the induction system of an aircraft engine I : ground tests	Ellisman, Carl	1-Mar-46	19930093063	NACA-WR-E-176, NACA-MR-E6B28
Static and dynamic-rotary stability derivatives of an airplane model with an unswept wing and a high horizontal tail at Mach numbers of 2.5, 3.0, and 3.5	Lampkin, Bedford A; Tunnell, Phillips J	26-Sep-58	19930090187	NACA-RM-A58F17
Reduction of helicopter parasite drag	Harrington, Robert D	1-Aug-54	19930084218	NACA-TN-3234
Strength and creep characteristics of ceramic bodies at elevated temperatures	Burdick, M D; Moreland, R E; Geller, R F	1-Apr-49	19930082367	NACA-TN-1561
On the small-disturbance iteration method for the flow of a compressible fluid with application to a parabolic cylinder	Kaplan, Carl	1-Jan-55	19930084079	NACA-TN-3318
A flight determination of the tolerable range of effective dihedral on a conventional fighter airplane	Liddell, Charles J , Jr; Van Dyke, Rudolph D; Heinle, Donovan R	1-Aug-49	19930082611	NACA-TN-1936
Description and bibliography of NACA research on wing controls : January 1946 - February 1955	Brewer, Jack D	24-Mar-55	19930089388	NACA-RM-54K24
Stall and flame-out resulting from firing of armament	Childs, J Howard; Friedman, Robert; Kochendorfer, Fred D; Lubick, Robert J	5-Aug-55	19930088719	NACA-RM-E55E25
A Comparison of the Lateral Motion Calculated for Tailless and Conventional Airplanes	Harper, Charles W.; Jones, Arthur L.	1-Feb-47	19930081822	NACA-TN-1154
A review of the physical and thermodynamic properties of boric oxide	Setze, Paul C	24-Apr-57	19930089603	NACA-RM-E57B14
Pressure distribution at Mach numbers up to 0.90 on a cambered and twisted wing having 40 degrees of sweepback and an aspect ratio of 10, including the effects of fences	Boltz, Frederick W; Shibata, Harry H	9-Mar-53	19930086986	NACA-RM-A52K20
The influence of vortex generators on the performance of a short 1.9:1 straight-wall annular diffuser with a whirling inlet flow	Wood, Charles C; Higginbotham, James T	9-Feb-53	19930087440	NACA-RM-L52L01a
Theoretical span load distributions and rolling moments for sideslipping wings of arbitrary plan form in incompressible flow	Queijo, M J	1-Dec-55	19930084298	NACA-TN-3605
An analytical and experimental study of the transient response of a pressure-regulating relief valve in a hydraulic circuit	Gold, Harold; Otto, Edward W	1-Mar-54	19930083817	NACA-TN-3102
Theoretical calculations of the lateral force and yawing moment due to rolling at supersonic speeds for sweptback tapered wings with streamwise tipssupersonic leading edges	Harmon, Sidney M; Martin, John C	1-Jul-50	19930082773	NACA-TN-2156
Effect of advance ratio on flight performance of a modified supersonic propeller	Hammack, Jerome B; O'Bryan, Thomas C	1-Sep-58	19930085294	NACA-TN-4389

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Experimental investigation of several water-injection configurations for turbine-blade spray cooling in a turbojet engine	Freche, John C; Mckinnon, Roy A	8-Oct-53	19930090452	NACA-RM-E53H06
An experimental investigation of two internal-compression air-inlet designs which use fluid boundaries as a means of supersonic compression	Howell, Robert R; Trescot, Charles D , Jr	14-Aug-58	19930090183	NACA-RM-L58F06
Drag measurements of symmetrical circular-arc and NACA 65-009 rectangular airfoils having an aspect ratio of 2.7 as determined by flight tests at supersonic speeds	Alexander, Sidney R	7-Mar-47	19930085720	NACA-RM-L6J14
Determination of coupled modes and frequencies of swept wings by use of power series	Anderson, Roger A	20-Oct-47	19930085724	NACA-RM-L7H28
An analytical study of the effect of airplane wake on the lateral dispersion of aerial sprays	Reed, Wilmer H , III	1-Oct-53	19930083864	NACA-TN-3032
Hypersonic viscous flow over slender cones	Talbot, Lawrence; Koga, Toyoki; Sherman, Pauline M	1-Sep-58	19930085201	NACA-TN-4327
Effects of overhang balance on the hinge-moment and effectiveness characteristics of an unswept trailing-edge control on a 60 degree delta wing	Guy, Lawrence D	14-Sep-54	19930088402	NACA-RM-L54G12a
Theoretical and experimental investigation of additive drag	Sibulkin, Merwin	21-May-51	19930086494	NACA-RM-E51B13
Effects of high-lift and stall-control devices, fuselage, and horizontal tail on a wing swept back 42 degrees at the leading edge and having symmetrical circular-arc airfoils sections at a Reynolds number of 6.9×10^6	Woods, Robert L; Spooner, Stanley H	20-Apr-49	19930085958	NACA-RM-L9B11
Performance of three high-recovery-factor thermocouple probes for room-temperature operation	Scadron, Marvin D; Gettelman, Clarence C; Pack, George J	21-Dec-50	19930086452	NACA-RM-E50I29
Comparison of transonic characteristics of lifting wings from experiments in a small slotted tunnel and the Langley high-speed 7- by 10-foot tunnel	Sleeman, William C , Jr; Klevatt, Paul L; Linsley, Edward L	5-Nov-51	19930086704	NACA-RM-L51F14
Effects of wing-mounted tank-type stores on the low lift buffeting and drag of a swept-wing airplane configuration between Mach numbers of 0.8 and 1.3	Mason, Homer P	6-Oct-55	19930090326	NACA-RM-L55D27
Investigation at transonic speeds of the effects of inlet-lip sweep on the internal-flow characteristics of a semielliptical air inlet with an inlet-lip stagger of 30 degrees	Trescot, Charles D , Jr	23-Jul-57	19930089710	NACA-RM-L57E16
A comparison of two techniques utilizing rocket-propelled vehicles for the determination of the damping-in-roll derivative	Stone, David G; Sandahl, Carl A	3-May-51	19930086656	NACA-RM-L51A16
Charts for estimating rotor-blade flapping motion of high-performance helicopters	Tapscott, Robert J; Gessow, Alfred	1-Mar-56	19930084341	NACA-TN-3616
Investigation of lateral control near the stall flight investigation with a light high-wing monoplane tested with various amounts of washout and various lengths of leading-edge slot	Weick, Fred E; Sevelson, Maurice S; McClure, James G; Flanagan, Marion D	1-May-53	19930083935	NACA-TN-2948
Effects of some airfoil-section variations on wing-aileron rolling effectiveness and drag as determined in free flight at transonic and supersonic speeds	Sandahl, Carl A; Bland, William M , Jr; Strass, H Kurt	22-Jul-49	19930085881	NACA-RM-L9D12

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Investigation of far noise field of jets I : effect of nozzle shape	Callaghan, Edmund E; Coles, Willard D	1-Jan-56	19930084407	NACA-TN-3590
Wind-tunnel investigation of the effects of various asymmetric canopy modifications on the behavior of descending parachutes	Scher, Stanley H	15-Feb-52	19930086746	NACA-RM-L51J18
A preliminary investigation of the usefulness of camber in obtaining favorable airfoil-section drag characteristics at supercritical speeds	Nitzberg, Gerald E; Crandall, Stewart M; Polentz, Perry P	7-Oct-49	19930085950	NACA-RM-A9G20
Low-speed longitudinal aerodynamic characteristics of a twisted and cambered wing of 45 degree sweepback and aspect ratio 8 with and without high-lift and stall-control devices and a fuselage at Reynolds numbers from 1.5 x 10(exp 6) to 4.8 x 10(exp 6)	Salmi, Reino J	11-Jun-52	19930087058	NACA-RM-L52C11
Effect of blade-root fit and lubrication on vibration characteristics of ball-root-type axial-flow-compressor blades	Hanson, Morgan P	15-Jun-50	19930086260	NACA-RM-E50C17
Theoretical calculations of the pressures, forces, and moments due to various lateral motions acting on thin isolated vertical tails with supersonic leading and trailing edges	Margolis, Kenneth	1-Mar-55	19930084627	NACA-TN-3373
Experimental investigation of air-cooled turbine blades in turbojet engine II : rotor blades with 15 fins in cooling-air passages	Hickel, Robert O; Ellerbrock, Herman, H , jr	20-Nov-50	19930086443	NACA-RM-E50I14
Comparison of the transonic drag characteristics of two wing-body combinations differing only in the location of the 45 degree sweptback wing	Mathews, Charles W; Thompson, Jim Rogers	8-Dec-47	19930085728	NACA-RM-L7I01
Charts and approximate formulas for the estimation of aeroelastic effects on the loading of swept and unswept wings	Diederich, Franklin W; Foss, Kenneth A	1-Feb-52	19930083348	NACA-TN-2608
Performance tests of wire strain gages IV : axial and transverse sensitivities	Campbell, William R	1-Jun-46	19930082044	NACA-TN-1042
Full-scale investigation of several jet-engine noise-reduction nozzles	Coles, Willard D; Callaghan, Edmund E	1-Apr-57	19930084704	NACA-TN-3974
Preliminary results from gust velocity measurements at high altitudes	Tolefson, H B	1-Apr-52	19930086905	NACA-RM-L51L12a
Longitudinal and lateral stability and control characteristics at Mach number 2.01 of a 60 degree delta-wing airplane configuration equipped with a canard control and with wing trailing-edge flap controls	Spearman, M Leroy; Driver, Cornelius	10-Mar-58	19930089885	NACA-RM-L58A20
The development of a lateral-control system for use with large-span flaps	Ashkenas, I L	1-Jan-46	19930084594	NACA-TN-1015
A flight investigation of the effects of varied lateral damping on the effectiveness of a fighter airplane as a gun platform	Kuehnel, Helmut A; Beckhardt, Arnold R; Champine, Robert A	1-Jan-58	19930085041	NACA-TN-4199
Appraisal of the hazards of friction-spark ignition of aircraft crash fires	Campbell, John A	1-May-57	19930085234	NACA-TN-4024
Reaction processes leading to spontaneous ignition of hydrocarbons	Frank, Charles E; Blackham, Angus U	1-Jun-53	19930084012	NACA-TN-2958
Effects of partial admission on performance of a gas turbine	Kohl, Robert C; Herzig, Howard Z; Whitney, Warren J	1-Feb-49	19930082483	NACA-TN-1807
A wind-tunnel test technique for measuring the dynamic rotary stability derivatives including the cross derivatives at high Mach numbers	Beam, Benjamin H	1-Jan-55	19930084182	NACA-TN-3347
A preliminary theoretical study of helicopter-blade flutter involving dependence upon coning angle and pitch setting	Coleman, Robert P	1-Jul-46	19930093090	NACA-WR-L-692, NACA-MR-L6G12

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Wind-tunnel investigation at transonic speeds of a jet control on an 80 degree delta-wing missile	Turner, Thomas R; Vogler, Raymond D	1-Nov-55	19930089105	NACA-RM-L55H22
Tank investigation of the Grumman JRF-5 airplane fitted with hydro-skis suitable for operation on water, snow, and ice	Wadlin, Kenneth L; Ramsen, John A	12-Jun-50	19930086089	NACA-RM-L9K29
Dynamic directional stability derivatives for a 45 degree swept-wing-vertical-tail airplane model at transonic speeds and angles of attack, with a description of the mechanism and instrumentation employed	Braslow, Albert L; Wiley, Harleth G; Lee, Cullen Q	21-Apr-58	19930090056	NACA-RM-L58A28
Properties of low-carbon N-155 alloy bar stock from 1200 to 1800 F	Freeman, J W; White, A E	3-May-51	19930086814	NACA-RM-51B05
Flight and preflight tests of a ram jet burning magnesium slurry fuel and utilizing a solid-propellant gas generator for fuel expulsion	Bartlett, Walter, A , jr; Hagginbotham, William K , Jr	6-Apr-55	19930088702	NACA-RM-L55A24
Investigation of ignition characteristics of AN-F-32 and two AN-F-58a fuels in single can-type turbojet combustor	Rayle, Warren D; Douglass, Howard W	13-Oct-50	19930086317	NACA-RM-E50H16a
Investigation of lateral control near the stall analysis for required longitudinal trim characteristics and discussion of design variables	Weick, Fred E; Abramson, Norman	1-Jun-56	19930084995	NACA-TN-3677
Application of statistical theory to beam-rider guidance in the presence of noise II : modified Wiener filter theory	Stewart, Elwood C	1-Jun-58	19930085069	NACA-TN-4278
An air-flow-direction pickup suitable for telemetering use on pilotless aircraft	Ikard, Wallace L	1-Oct-56	19930084540	NACA-TN-3799
Longitudinal stability and control characteristics at Mach numbers of 1.41 and 2.01 of a 67 degree swept-wing airplane configuration with canard control surfaces	Spearman, M Leroy; Robinson, Ross B	7-Jul-58	19930090148	NACA-RM-L58E20
Investigation of a high-temperature single-stage turbine suitable for air cooling and turbine stator adjustment II : performance of vortex turbine at various stator settings	Heaton, Thomas, R; Holeski, Donald E; Forrette, Robert E	3-Aug-54	19930088268	NACA-RM-E54F17
An investigation of a supersonic aircraft configuration having a tapered wing with circular-arc sections and 40 degree sweepback	Gapcynski, John P; Clark, James W	17-Jul-52	19930087019	NACA-RM-L52E02a
Comparison of model and full-scale spin test results for 60 airplane designs	Berman, Theodore	1-Jul-50	19930082756	NACA-TN-2134
The use of perforated inlets for efficient supersonic diffusion	Evvard, John C; Blakey, John W	13-Apr-51	19930086776	NACA-RM-E51B10
Tentative method for calculation of the sound field about a source over ground considering diffraction and scattering into shadow zones	Pridmore-Brown, David C; Ingard, Uno	1-Sep-56	19930084502	NACA-TN-3779
On two-dimensional supersonic flows	Bergman, Stefan	1-May-49	19930082552	NACA-TN-1875
Load capacity of aluminum-alloy crankpin bearings as determined in a centrifugal bearing test machine	Shaw, Milton C; Macks, E Fred	1-Sep-46	19930081752	NACA-TN-1108
Wing and fuselage loads measured in flight on the north american B-45 and F-82 airplanes	Harper, Paul W	2-Feb-53	19930087408	NACA-RM-L52L09
Physical characteristics and test conditions of an ethylene-heated high-temperature jet	English, Roland D; Spinak, Abraham; Helton, Eldred H	1-Jan-58	19930085097	NACA-TN-4182

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The Compressible Laminar Boundary Layer with Fluid Injection	Low, George M	1-Mar-55	19930084109	NACA-TN-3404
Altitude-wind-tunnel investigations of thrust augmentation of a turbojet engine performance with tail-pipe burning	Fleming, W A; Dietz, R O	25-Sep-46	19930085675	NACA-RM-E6120
Direct-reading design charts for 75S-T6 aluminum-alloy flat compression panels having longitudinal extruded Z-section stiffeners	Hickman, William A; Dow, Norris F	4-May-51	19930085273	NACA-TN-2435
Displacement effect of the laminar boundary layer and the pressure drag	Gortler, H	1-Oct-51	19930093915	NACA-TM-1315
Effect of bronze and nodular iron cage materials on cage slip and other performance characteristics of 75-millimeter-bore cylindrical roller bearings at DN values to 2x10 to the sixth power	Anderson, William J; Macks, E Fred; Nemeth, Zolton N	1-Sep-53	19930083644	NACA-TN-3002
Performance of a supersonic ramp inlet with internal boundary-layer scoop	Campbell, Robert C	17-Nov-54	19930088437	NACA-RM-E54I01
Effect of Mach Number on the Flow and Application of Compressibility Corrections in a Two-Dimensional Subsonic-Transonic Compressor Cascade Having Varied Porous-Wall Suction at the Blade Tips	Briggs, William B.	1-Mar-52	19930083588	NACA-TN-2649
Experimental study of a method of designing the sweptback-wing-fuselage juncture to reduce the drag at moderate supersonic speeds	Howell, Robert R	10-Jan-56	19930089007	NACA-RM-L55H05a
Bibliography of classified aircraft-fire literature	Weiss, Solomon; Pesman, Gerard J	18-Nov-49	19930086068	NACA-RM-E9H03a
A low-pressure-loss short afterburner for sea-level thrust augmentation	Ciepluch, Carl C; Velie, Wallace W; Burley, Richard R	7-Jun-55	19930088681	NACA-RM-E55D26
Effect of wing slats and inboard wing fences on the longitudinal stability characteristics of the DOUGLAS D-558-II airplane in accelerated maneuvers at subsonic and transonic speeds	Fischel, Jack	8-Feb-54	19930088041	NACA-RM-L53L16
Effect of humidity on performance of turbojet engines	Samuels, John C; Gale, B M	1-Jun-50	19930082820	NACA-TN-2119
A study of the use of controls and the resulting airplane response during service training operations of four jet fighter airplanes	Mayer, John P; Hamer, Harold A; Huss, Carl R	22-Jun-54	19930088062	NACA-RM-L53L28
Effectiveness of a turbojet tubular combustor in screening the turbine from foreign objects	Chiarito, Patrick T	18-Jul-55	19930088728	NACA-RM-E55E16
The linearized characteristics method and its application to practical nonlinear supersonic problems	Ferri, Antonio	1-Oct-51	19930083266	NACA-TN-2515
Cooling of gas turbine IV : calculated temperature distribution in the trailing part of a turbine blade using direct liquid cooling	Brown, W Byron; Monroe, William R	18-Apr-47	19930085665	NACA-RM-E7B11d
Review of problems of conservation of strategic materials for turbine engines		21-Mar-51	19930086575	NACA-RM-E51C21
Determination of plate compressive strengths	Heimerl, George J	1-Dec-47	19930082134	NACA-TN-1480
An investigation of aircraft heaters XXXVII : experimental determination of thermal and hydrodynamical behavior of air flowing along a flat plate containing turbulence promoters	Boetler, L M K; Young, G; Greenfield, M L; Sanders, V D; Morgan, M	1-Oct-51	19930083275	NACA-TN-2517
Improving the performance of a compression ignition engine by directing flow of inlet air	Kemper, Carlton	1-Jul-46	19930090895	NACA-TN-242

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Stability and drag characteristics of 1/10-scale model of the Convair XF2Y-1 airplane with open inlets containing boundary layer splitter plates as obtained in free flight at Mach numbers between 0.7 and 1.5 : TED No. NACA DE 365	Bland, William M , Jr	6-Apr-55	19930088656	NACA-RM-SL55D14
Studies of von Karman's similarity theory and its extension to compressible flow : investigation of turbulent boundary layer over a flat plate in compressible flow by the similarity theory	Shen, S F	1-Nov-51	19930083443	NACA-TN-2543
Hydrodynamic characteristics of a low-drag, planing-tail flying boat hull	Suydam, Henry B	1-Jan-52	19930083195	NACA-TN-2481
Performance of hoods for aircraft exhaust-gas turbines	Turner, L Richard; Lowdermilk, Warren H; Lord, Albert M	1-Nov-46	19930081831	NACA-TN-1149
Full-scale investigation of a wing with the leading edge swept back 47.5 degrees and having circular-arc and finite-trailing-edge-thickness ailerons	Lange, Roy H	11-Mar-49	19930085933	NACA-RM-L9B02
Tensile and compressive stress-strain properties of some high-strength sheet alloys at elevated temperatures	Hughes, Philip J; Inge, John E; Prosser, Stanley B	1-Nov-54	19930084072	NACA-TN-3315
Effect of yaw and angle of attack pressure recovery and mass-flow characteristics of a rectangular supersonic scoop inlet at a Mach number of 2.71	Comenzo, Raymond J; Mackley, Ernest A	10-Sep-54	19930089381	NACA-RM-L54G22
The effectiveness of wing vortex generators in improving the maneuvering characteristics of a swept-wing airplane at transonic speeds	Mcfadden, Norman M; Rathert, George A , Jr; Bray, Richard S	28-Feb-52	19930086739	NACA-RM-A51J18
Internal flow and burning characteristics of 16-inch ram jet operating in a free jet at Mach numbers of 1.35 and 1.73	Perchonok, Eugene; Farley, John M	21-May-51	19930086538	NACA-RM-E51C16
Theoretical calculation of the effect of the fuselage on the spanwise lift distribution on a wing	Zlotnick, Martin; Diederich, Franklin W	3-Mar-52	19930086753	NACA-RM-L51J19
Experimental static aerodynamic forces and moments at high subsonic speeds on a canard missile during simulated launching from the midsemispan location of a 45 degree wing-fuselage-pylon combination at zero sideslip	Alford, William J , Jr; King, Thomas J , Jr	14-Jan-57	19930089491	NACA-RM-L56J15a
Knock-limited performance of fuel blends containing ethers	Drell, I L; Branstetter, J R	1-Apr-50	19930082743	NACA-TN-2070
An investigation at subsonic speeds of several modifications to the leading-edge region of the NACA 64A010 airfoil section designed to increase maximum lift	Maki, Ralph L; Hunton, Lynn W	1-Dec-56	19930084644	NACA-TN-3871
Application of an electro-optical two-color pyrometer to measurement of flame temperature for liquid oxygen-hydrocarbon propellant combination	Heidmann, M F; Priem, R J	1-Oct-53	19930083665	NACA-TN-3033
Lift and moment on thin arrowhead wings with supersonic edges oscillating in symmetric flapping and roll and application to the flutter of an all-moveable control surface	Cunningham, H J	1-Jan-58	19930085142	NACA-TN-4189
A flight study of requirements for satisfactory lateral oscillatory characteristics of fighter aircraft	Liddell, Charles J , Jr; Creer, Brent Y; Van Dyke, Rudolph D , Jr	25-Jul-51	19930086763	NACA-RM-A51E16
Some effects of amplitude and frequency on the aerodynamic damping of a model oscillating continuously in yaw	Fisher, Lewis R; Wolhart, Walter D	1-Jan-52	19930083547	NACA-TN-2766

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A compressible-flow plotting device and its application to cascade flows	Wesphal, Willard R; Dunavant, James C	1-Apr-52	19930083868	NACA-TN-2681
Tables and graphs of normal-shock parameters at hypersonic Mach numbers and selected altitudes	Huber, Paul W	1-Sep-58	19930085170	NACA-TN-4352
Preliminary investigation of the effects of inlet asymmetry on the performance of converging-diverging diffusers at transonic speeds	Dennard, John S; Nelson, William J	25-Nov-52	19930087517	NACA-RM-L52J20
Static lateral-directional stability characteristics of five contemporary airplane models from wind-tunnel tests at high subsonic and supersonic speeds	Smith, Willard G; Ball, Louis H	4-Jan-56	19930088957	NACA-RM-A55J03
Experiments on stability of Bunsen-burner flames for turbulent flow	Bollinger, Lowell M; Williams, David T	1-Jun-47	19930081882	NACA-TN-1234
Investigation of air-cooled turbine rotors for turbojet engines II : experimental cooling-air impeller performance and turbine rotor temperatures in modified J33 split-disk rotor up to speeds of 10,000 rpm	Nachtigall, Alfred J; Zalabak, Charles F; Ziemer, Robert R	21-May-52	19930087066	NACA-RM-E52C12
A wind-tunnel investigation of a 0.4-scale model of the Chase XC-123 airplane with boundary-layer control applied	Fink, Marvin P; Cocke, Bennie W; Lipson, Stanley	18-Aug-55	19930088893	NACA-RM-SL55G26a
Analysis of off-design performance of a 16-stage axial-flow compressor with various blade modifications	Medeiros, Arthur A; Benser, William A; Hatch, James E	5-Mar-53	19930087454	NACA-RM-E52L03
Aerodynamic principles for the design of jet-engine induction systems	Davis, Wallace F; Scherrer, Richard	27-Feb-56	19930088806	NACA-RM-A55F16
The load distribution due to sideslip on triangular, trapezoidal, and related plan forms in supersonic flow	Jones, Arthur L; Alksne, Alberta	1-Jan-50	19930082669	NACA-TN-2007
Flight and analytical study of roll requirements of a fighter airplane	Adams, James J	3-Aug-56	19930089300	NACA-RM-L56F12a
Altitude-wind-tunnel investigation of Westinghouse 19B-2, 19B-8, and 19XB-1 jet-propulsion engines III : performance and windmilling drag characteristics	Fleming, William A; Dietz, Robert O JR	26-Nov-48	19930093796	NACA-RM-E8J28b
Transient temperature in heat exchangers for supersonic blowdown tunnels	Judd, Joseph H	1-Apr-54	19930083758	NACA-TN-3078
Some operating experience and problems encountered during operation of a free-jet facility	Mcaulay, John E; Prince, William R	13-Feb-57	19930089463	NACA-RM-E56J02
Analysis of planing data for use in predicting hydrodynamic impact loads	Steiner, Margaret F	1-Aug-48	19930082335	NACA-TN-1694
Column and plate compressive strengths of aircraft structural materials : extruded 14S-T aluminum alloy	Niles, Donald E	1-May-46	19930093368	NACA-WR-L-284, NACA-ARR-L6C19
Effects of high-lift devices and horizontal-tail location on the low-speed characteristics of a large-scale 45 degree swept-wing airplane configuration	Maki, Ralph L; Embry, Ursel R	18-Aug-54	19930088235	NACA-RM-A54E10
The aerodynamic design calibration of an asymmetric variable Mach number nozzle with a sliding block for the Mach number range 1.27 to 2.75	Burbank, Paige B; Byrne, Robert W	15-Mar-51	19930086511	NACA-RM-L50L15
Effects of slot location and geometry on the flow in a square tunnel at transonic Mach numbers	NELSON WILLIAM J; Cubbage, James M , Jr	25-Nov-53	19930087988	NACA-RM-L53J09
Two-dimensional investigation of five related NACA airfoil sections designed for rotating-wing aircraft	Schaefer, Raymond F; Loftin, Laurence K , Jr; Horton, Elmer A	1-Jul-49	19930082599	NACA-TN-1922
Effect of length-beam on the aerodynamic characteristics of flying-boat hulls	Yates, Campbell C; Riebe, John M	1-Jun-47	19930081937	NACA-TN-1305

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Static crucible investigation of corrosion and mass-transfer of nickel in molten sodium hydroxide with various additives	Forestieri, Americo F; Zelezny, William F	1-Aug-53	19930087613	NACA-RM-E53F12
Application of statistical theory to beam-rider guidance in the presence of noise II : modified Wiener filter theory	Stewart, Elwood C	23-Aug-55	19930088779	NACA-RM-A55E11a
Two-dimensional subsonic compressible flows past arbitrary bodies by the variational method	Wang, Chi-Teh	1-Mar-51	19930083010	NACA-TN-2326
Analysis of a flight investigation at supersonic speeds of a simple homing system	Gardiner, Robert A; Gillis, Clarence L; Graves, G B , Jr	10-Jan-56	19930088922	NACA-RM-L55J28
The effects of operating propellers on the longitudinal characteristics at high subsonic speeds of a four-engine tractor airplane configuration having a wing with 40 degrees of sweepback and an aspect ratio of 10	Sutton, Fred B; Demele, Fred A	7-Jan-54	19930088260	NACA-RM-A53J23
Strength and ductility of bainitic steels	Desy, Donald H; Brittain, J O; Gensamer, M	1-Aug-57	19930084794	NACA-TN-3989
Correlation of pilot opinion of stall warning with flight measurements of various factors which produce the warning	Anderson, Seth B	1-Apr-49	19930082543	NACA-TN-1868
Criteria for initial flow reversal in symmetrical twin-intake air-induction systems operating at supersonic speeds	Beke, Andrew	20-Feb-56	19930089052	NACA-RM-E55L02a
Flight determination of the longitudinal stability in accelerated maneuvers at transonic speeds for the Douglas D-558-II research airplane including the effects of an outboard wing fence	Fischel, Jack; Nugent, Jack	13-Mar-53	19930087532	NACA-RM-L53A16
Effect of flame-holder design on altitude performance of louvered-liner afterburner	Renas, Paul E; Jansen, Emmert T	9-Oct-53	19930087677	NACA-RM-E53H15
Wind-tunnel investigation at low speed of an unswept untapered semispan wing of aspect ratio 3.13 equipped with various 25-percent-chord plain flaps	Johnson, Harold S; Hagerman, John R	1-Apr-50	19930082790	NACA-TN-2080
Wind-tunnel investigation of the effect of power and flaps on the static lateral characteristics of a single-engine low-wing airplane model	Tamburello, Vito; Weil, Joseph	1-Jun-47	19930082120	NACA-TN-1327
Interaction of a jet and flat plate located in an airstream	Englert, Gerald W; Wasserbauer, Joseph F; Whalen, Paul	8-Sep-55	19930088860	NACA-RM-E55G19
The effective downwash characteristics at transonic speeds of a 6-percent-thick wing with 47 degrees of sweepback in combination with a cylindrical body as determined from force measurements of a horizontal tail	Coppolino, Domenic A	26-Nov-52	19930087469	NACA-RM-L52J15
An investigation of aircraft heaters XXVII : distribution of heat-transfer rate in the entrance section of a circular tube	Boelter, L M K; Young, G; Iversen, H W	1-Jul-48	19930082084	NACA-TN-1451
Influence of turbulence on transfer of heat from cylinders	Kestin, J; Maeder, P F	1-Oct-57	19930085205	NACA-TN-4018
Summary of subsonic-diffuser data	Henry, John R; Wood, Charles C; Wilbur, Stafford W	18-May-56	19930090284	NACA-RM-L56F05
Combustion performance evaluation of magnesium-hydrocarbon slurry blends in a simulated tail-pipe burner	Tower, Leonard K; Branstetter, J Robert	15-May-51	19930086561	NACA-RM-E51C26

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Spark ignition of flowing gases VI : theory of ignition in nonturbulent and turbulent flow using long-duration discharges	Swett, Clyde C , Jr	19-Aug-54	19930088341	NACA-RM-E54F29a
A method of cycle analysis for aircraft gas-turbine power plants driving propellers	English, Robert E; Hauser, Cavour H	1-Jan-48	19930082156	NACA-TN-1497
Tests of the landing on water of a model of a high-speed airplane - Langley tank model 229	King, Douglas A	9-Dec-47	19930085737	NACA-RM-L7I05
Investigation of the effects of leading-edge chord-extensions and fences in combination with leading-edge flaps on the aerodynamic characteristics at Mach numbers from 0.40 to 0.93 of a 45 degree sweptback wing of aspect ratio 4	Spreeman, Kenneth P; Alford, William J , Jr	19-Feb-54	19930093721	NACA-RM-L53A09a
A Transonic Wind-Tunnel Investigation of the Static Lateral, Directional, and Longitudinal Stability Characteristics of the Martin B-61A Missile (Matador)	Luoma, Arvo A	9-Apr-54	19930088186	NACA-RM-SL54D07
A rapid method for use in design of turbines within specified aerodynamic limits	Cavicchi, Richard H; English, Robert E	1-Apr-53	19930083609	NACA-TN-2905
Airplane measurements of atmospheric turbulence for altitudes between 20,000 and 55,000 feet over the western part of the United States	Coleman, Thomas L; Coe, Emilie C	23-Aug-57	19930090314	NACA-RM-L57G02
Some effects of aileron deflection on the static lateral and directional aerodynamic characteristics of four contemporary airplane models	Smith, Willard G; Intrieri, Peter F	23-Jul-57	19930090299	NACA-RM-A57E22
An investigation at low speed of a 51.3 degree sweptback semispan wing equipped with 16.7-percent-chord plain flaps and ailerons having various spans and three trailing-edge angles	Fischel, Jack; Schneider, Leslie E	12-Nov-48	19930090362	NACA-RM-L8H20
Matrix method of determining the longitudinal-stability coefficients and frequency response of an aircraft from transient flight data	Donegan, James J; Pearson, Henry A	1-Jun-51	19930083297	NACA-TN-2370
A transonic wind-tunnel investigation of the effects of body indentation, as specified by the transonic drag-rise rule, on the aerodynamic characteristics and flow phenomena of an unswept-wing-body combination	Williams, Claude V	28-Jan-53	19930087484	NACA-RM-L52L23
Effect of taper ratio on lift, drag, and pitching-moment characteristics of thin wings of aspect ratio 3 with 53.1 degrees sweepback of leading edge at subsonic and supersonic speeds	Wetzel, Benton E	27-Jan-55	19930088458	NACA-RM-A54J20
Tests in the Ames 40- by 80-foot wind tunnel of the aerodynamic characteristics of airplane models with plain spoiler ailerons	Franks, Ralph W	6-Dec-54	19930088406	NACA-RM-A54H26
A transonic wind-tunnel investigation of the effects of nacelles on the aerodynamic characteristics of a complete model configuration	Carmel, Melvin M; Fischetti, Thomas L	22-Sep-53	19930087754	NACA-RM-L53F22a
Preliminary investigation of several target-type thrust-reversal devices	Steffen, Fred W; Krull, H George; Ciepluch, Carl C	12-Mar-54	19930088074	NACA-RM-E53L15b
Analysis of two-stage-turbine efficiency characteristics in terms of work and speed requirements	Stewart, Warner L; Wintucky, William T	30-Aug-57	19930089715	NACA-RM-E57F12
Comparison of the static stability of a 68.7 degree delta-wing model with dihedral and a twisted and cambered wing model of the same plan form	Paulson, John W	7-Apr-55	19930088631	NACA-RM-L55B11

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The effect of longitudinal stiffeners located on one side of a plate on the compressive buckling stress of the plate-stiffener combination	Seide, Paul	1-Jan-53	19930083733	NACA-TN-2873
Flight investigation of a roll-stabilized missile configuration at varying angles of attack at Mach numbers between 0.8 and 1.79	Zarovsky, Jacob; Gardiner, Robert A	1-Jan-57	19930084839	NACA-TN-3915
Permeability variation of a taper-rolled wire cloth	Diaguila, Anthony J; Liebert, Curt H	13-Feb-57	19930089638	NACA-RM-E56L10
Effect of Reynolds number in turbulent-flow range on flame speeds of Bunsen-burner flames	Bollinger, Lowell M; Williams, David T	1-Sep-48	19930082396	NACA-TN-1707
Wind-tunnel investigation at low speed of the aerodynamic characteristics of the Army Chemical Corps model E112 bomblets	Letko, William; Williams, James L	4-Nov-55	19930089028	NACA-RM-SL55J26
The variation with wing aspect ratio of flap effectiveness on thin rectangular wings at transonic speeds	Lowry, John G; Taylor, Robert T	23-Aug-56	19930089405	NACA-RM-L56E18
On the range of applicability of the transonic area rule	Spreiter, John R	1-May-56	19930084964	NACA-TN-3673
Comparison of shock-expansion theory with experiment for the lift, drag, and pitching-moment characteristics of two wing-body combinations at M=5.0	Savin, Raymond C	1-Sep-58	19930085281	NACA-TN-4385
Investigation of spoilers at a Mach number of 1.93 to determine the effects of height and chordwise location on the section aerodynamic characteristics of a two-dimensional wing	Mueller, James, N	1-Feb-58	19930085084	NACA-TN-4180
Flight measurements with the Douglas D-558-II (BuAero No. 37974) research airplane : measurements of the distribution of the aerodynamic load among the wing, fuselage, and horizontal tail at Mach numbers up to 0.87	Mayer, John P; Valentine, George M	19-Jan-51	19930086597	NACA-RM-L50J13
Free-flight measurements of turbulent-boundary-layer skin friction in the presence of severe aerodynamic heating at Mach numbers from 2.8 to 7.0	Sommer, Simon C; Short, Barbara J	1-Mar-55	19930084096	NACA-TN-3391
Studies on von Karman's similarity theory and its extension to compressible flows : a critical examination of similarity theory for incompressible flows	Lin, C C; Shen, S F	1-Nov-51	19930083437	NACA-TN-2541
Comparison of ignition delays of several propellant combinations obtained with modified open-cup and small-scale rocket engine apparatus	Ladanyi, Dezso J; Miller, Riley O	16-Jun-53	19930087742	NACA-RM-E53D03
Time-vector determined lateral derivatives of a swept-wing fighter-type airplane with three different vertical tails at Mach numbers between 0.70 and 1.48	Wolowicz, Chester H	5-Jun-56	19930089144	NACA-RM-H56C20
Investigation of afterburner performance and afterburner fuel system coking of the Westinghouse XJ34-WE-32 engine	Wallner, Lewis E; Prince, William R	21-Feb-52	19930086939	NACA-RM-E51H28
Boundary-layer transition on a cooled 20 degree cone at Mach numbers of 1.5 and 2.0	Scherrer, Richard	1-Jul-50	19930082913	NACA-TN-2131
Jet effects on base and afterbody pressures of a cylindrical afterbody at transonic speeds	Cubbage, James M , Jr	23-May-56	19930089150	NACA-RM-L56C21
Preliminary empirical design requirements for the prevention of tumbling of airplanes having no horizontal tails	Bryant, Robert L	11-Oct-50	19930090408	NACA-RM-L50H23

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Column strength of aluminum alloy 14S-T extruded shapes and rod	Leary, J R; Holt, Marshall	1-May-46	19930081928	NACA-TN-1027
Aerodynamic characteristics over a Mach number range of 1.40 to 2.78 of a rocket-propelled airplane configuration having a low 52.5 degree delta-wing and an unswept horizontal tail	Kehlet, Alan B	6-Mar-58	19930090044	NACA-RM-L58A23
Wind-tunnel investigation at high and low subsonic Mach numbers of two unswept wings having NACA 2-006 and NACA 65A006 airfoil sections	Racisz, Stanley F	4-Dec-53	19930087933	NACA-RM-L53J29
Langley full-scale-tunnel investigations of the maximum-lift and stalling characteristics of a trapezoidal wing of aspect ratio 4 with circular-arc airfoil sections	Lange, Roy H	1-Nov-52	19930083468	NACA-TN-2823
Effect of chordwise location of maximum thickness on the supersonic wave drag of sweptback wings	Margolis, Kenneth	1-Mar-48	19930082220	NACA-TN-1543
Similarity laws for transonic flow about wings of finite span	Spreiter, John R	1-Jan-51	19930082946	NACA-TN-2273
The effect of raking the aileron tips on the lateral-control and hinge-moment characteristics of a 20-percent-chord partial-span outboard aileron on a wing with leading-edge swept back 51.3 degrees	Hammond, Alexander D	26-Nov-51	19930086945	NACA-RM-L51H29
The effect of end plates, end struts, and depth of submergence on the characteristics of a hydrofoil	Wadlin, Kenneth L; Fontana, Rudolph E; Shuford, Charles L , Jr	12-Apr-51	19930086498	NACA-RM-L51B13
Effects of a straightening operation on performance of Inconel 550 buckets	Gyorgak, C A; Johnston, J R; Weeton, J W	29-Feb-56	19930089061	NACA-RM-E55L06
Comparison of effectiveness of coordinated turns and level sideslips for correcting lateral displacement during landing approaches	Faber, Stanley	15-Dec-49	19930086000	NACA-RM-L9I29
Loitering and range performance of turbojet-powered aircraft determined by off-design engine cycle analysis	Koutz, Stanley L; Hensley, Reece V	5-Feb-52	19930087973	NACA-RM-E51K29
Aerodynamic investigation of a four-blade propeller operating through an angle-of-attack range from 0 to 180 degrees	Mclemore, H Clyde; Cannon, Michael D	1-Jun-54	19930084170	NACA-TN-3228
Study of inadvertent speed increases in transport operation	Pearson, Henry A	1-Mar-52	19930083508	NACA-TN-2638
An analysis of the variation with altitude of effective gust velocity in convective-type clouds	Tolefson, H B	1-Jun-48	19930082296	NACA-TN-1628
Effects of temporal tangential bearing acceleration on performance characteristics of slider and journal bearings	Ladanyi, Dezso J	1-Oct-48	19930082424	NACA-TN-1730
Survey of supersonic inlets for high Mach number applications	Connors, James F; Allen, John L	1-Apr-58	19930089876	NACA-RM-E58A20
The aerodynamic characteristics throughout the subsonic speed range of a thin, sharp-edged horizontal tail of aspect ratio 4 equipped with a constant-chord elevator	Bandettini, Angelo; Reed, Verlin D	30-Jun-49	19930085962	NACA-RM-A9E05
Investigation of ejection releases of an MB-1 rocket from a 0.04956-scaled model of the Convair F-106A airplane at Mach number 1.59 : COORD. No. AF-AM-57	Lee, John B	20-May-57	19930089725	NACA-RM-SL57E07

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Lateral-directional aerodynamic characteristics of several coplanar triple-body missile configurations at Mach numbers from 0.6 to 1.4	Treon, Stuart L; Knechtel, Earl D	10-Apr-57	19930089550	NACA-RM-A57A25
Particular solutions for flows at Mach number 1	Heaslet, Max A; Fuller, Franklyn B	1-Nov-56	19930084259	NACA-TN-3868
Estimation of lift and drag of airfoils at near sonic speeds and in the presence of detached shock waves	Mayer, John P	23-Feb-49	19930085578	NACA-RM-L8L07
Stability and control characteristics at low speed of a 1/4-scale Bell X-5 airplane model : lateral and directional stability and control	Kemp, William B , Jr; Becht, Robert E	20-Jun-50	19930086268	NACA-RM-L50C17a
Effects of free-flight rocket-model booster-adapter configurations on the aerodynamic characteristics in pitch and sideslip of a swept-wing fighter airplane model at a Mach number of 2.01	Robinson, Ross B	25-Mar-55	19930088586	NACA-RM-L55B01
Effect of open circular holes on tensile strength and elongation of sheet specimens of a magnesium alloy	Barker, R S	1-Jun-52	19930083310	NACA-TN-2716
On ionization and luminescence in flames	Sanger, E; Goercke, P; BREDT I	1-Apr-51	19930093925	NACA-TM-1305
The effects of camber and twist on the aerodynamic loading and stalling characteristics of a large-scale 45 degree swept-back wing	Hunton, Lynn W; Dew, Joseph K	24-Jan-51	19930086645	NACA-RM-A50J24
The synthesis and purification of aromatic hydrocarbons III : isobutylbenzene, sec-butylbenzene and tert-butylbenzene	Buess, C M; Karabino, J V; Kunz, P V; Gibbons, L C	1-Jun-46	19930081855	NACA-TN-1021
Lift and pitching moment at supersonic speeds due to constant vertical acceleration for thin sweptback tapered wings with streamwise tips : supersonic leading and trailing edges	Cole, Isabella J; Margolis, Kenneth	1-Jul-54	19930084044	NACA-TN-3196
Development of metal-bonding adhesives with improved heat-resistant properties	Black, John M; Blomquist, R F	14-May-54	19930090526	NACA-RM-54D01
A general system for calculating burning rates of particles and drops and comparison of calculated rates for carbon, boron, magnesium, and isooctane	Coffin, Kenneth P; Brokaw, Richard S	1-Feb-57	19930084926	NACA-TN-3929
Effect of engine and control limits on steady-state and transient performance of turbojet engine with variable-area exhaust nozzle	Vasu, George; Hinde, William L	16-Jan-53	19930087217	NACA-RM-E52E23
The Indicial Lift and Pitching Moment for a Sinking or Pitching Two-Dimensional Wing Flying at Subsonic or Supersonic Speeds	Lomax, Harvard; Heaslet, Max A; Sluder, Loma	1-Jul-51	19930083219	NACA-TN-2403
Landing characteristics of high-speed wings	Wilson, Herbert A , Jr; Loftin, Laurence K , Jr	21-Sep-48	19930085376	NACA-RM-L8A28e
Theoretical investigation of a proportional-plus-flicker automatic pilot	Seaberg, Ernest C	1-May-55	19930084275	NACA-TN-3427
Investigation of a 1/5-scale model of a proposed high-submerged-speed submarine in the Langley full-scale tunnel	Lipson, Stanley; Cocke, Bennie W; Scallion, William I	31-Oct-50	19930086456	NACA-RM-SL50K01
Force and pressure characteristics for a series of nose inlets at Mach numbers from 1.59 to 1.99 V : analysis and comparison on basis of ram-jet aircraft range and operational characteristics	Howard, E; Luidens, R W; Allen, J L	13-Sep-51	19930086661	NACA-RM-E51G23

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Tank investigation of the Grumman JRF-5 airplane with a single hydro-ski and an extended afterbody	Ramsen, John A; Gray, George R	7-Aug-51	19930086708	NACA-RM-L51E21
The effect of surface roughness on the performance of a 23 degree conical diffuser at subsonic Mach numbers	Persh, Jerome	16-Jan-52	19930087174	NACA-RM-L51K09
Effect of chordwise vanes on amplitude of tail buffeting	Stokke, Allen R	10-Nov-47	19930085686	NACA-RM-L7H11
Comparison and Evaluation of Two Model Techniques Used in Predicting Bomb-Release Motions	Carlson, Harry W; Geier, Douglas J; Lee, John B	27-Dec-57	19930089915	NACA-RM-L57J23
Comparative drag measurements at transonic speeds of an NACA 65-006 airfoil and a symmetrical circular-arc airfoil	Thompson, Jim Rogers; Marschner, Bernard W	6-Mar-47	19930085592	NACA-RM-L6J30
Studies of high-temperature protection of a titanium-carbide ceramal by chromium-type ceramic-metal coatings	Moore, Dwight G; Benner, Stanley G; Harrison, William N	1-Jun-51	19930083324	NACA-TN-2386
Flight investigation of engine nacelles and wing vertical position on the drag of a delta-wing airplane configuration form Mach number 0.8 to 2.0	Judd, Joseph H	9-Mar-54	19930088017	NACA-RM-L53L21
Performance of twin-duct variable-geometry side inlets at Mach numbers of 1.5 to 2.0	Yeager, Richard A; Beheim, Milton A; Klann, John L	21-Jan-57	19930089612	NACA-RM-E56K15
A factor affecting transonic leading-edge flow separation	Wood, George P; Gooderum, Paul B	1-Oct-56	19930084569	NACA-TN-3804
Direct-reading design charts for 75S-T aluminum-alloy flat compression panels having longitudinal straight-web Y-section stiffeners	Dow, Norris F; Hickman, William A	1-Aug-48	19930082312	NACA-TN-1640
Experimental investigation of diffuser pressure-ratio control with shock-positioning limit on 28-inch ram-jet engine	Dunbar, William R; Wentworth, Carl B; Crawl, Robert J	15-Jan-57	19930089358	NACA-RM-E56F26
Pitching-moment derivatives Cm _q and C _{mα} at supersonic speeds for a slender-delta-wing and slender-body combination and approximate solutions for broad-delta-wing and slender-body combinations	Henderson, Arthur, Jr	1-Dec-51	19930083252	NACA-TN-2553
An experimental investigation of the applicability of the hypersonic similarity law to bodies of revolution	Neice, Stanford E; Wong, Thomas J	27-Jan-53	19930087385	NACA-RM-A52K07
NACA research on combustors for aircraft gas turbines I : effects of operating variables on steady-state performance	Olson, Walter T; Childs, J Howard	18-Oct-50	19930086419	NACA-RM-E50H31
Theoretical analysis of linked leading-edge and trailing-edge flap-type controls at supersonic speeds	Yates, E Carson, Jr	1-Mar-56	19930084347	NACA-TN-3617
An investigation of a supersonic aircraft configuration having a tapered wing with circular-arc sections and 40 degree sweepback : static lateral control characteristics at Mach numbers of 1.40 and 1.59	Robinson, Ross B	10-Nov-50	19930086396	NACA-RM-L50I11
Investigation of effects of inlet-air velocity distortion on performance of turbojet engine	Conrad, E William; Sobolewski, Adam E	13-Sep-50	19930086382	NACA-RM-E50G11
Critical study of integral methods in compressible laminar boundary layers	Libby, Paul A; Morduchow, Morris; Bloom, Martin	1-Mar-52	19930083287	NACA-TN-2655

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Preliminary evaluation of the air and fuel specific-impulse characteristics of several potential ram-jet fuels IV : hydrogen, a-methylnaphthalene, and carbon / Benson E. Gammon	Gammon, Benson E	31-Aug-51	19930086853	NACA-RM-E51F05
Preliminary survey of the aircraft fire problem		21-May-48	19930085330	NACA-RM-E8B18
An investigation of the control-surface flutter derivatives of an NACA 65(sub 1)-213 airfoil in the Ames 16-foot high-speed wind tunnel	Wyss, John A; Sorenson, Robert M	21-Dec-51	19930087029	NACA-RM-A51J10
A comparative analysis of the performance of long-range hypervelocity vehicles.	Eggers, Alfred J , Jr; Allen, Julian H; Neice, Stanford E	1-Oct-57	19930084802	NACA-TN-4046
Effect of surface roughness on characteristics of spherical shock waves	Huber, Paul W; Mcfarland, Donald R	25-May-55	19930093827	NACA-RM-L55B04
Calculation of the shape of a two-dimensional supersonic nozzle in closed form	Cunsolo, Dante	1-Jan-53	19930093872	NACA-TM-1358
Experiments with a rotating-cylinder viscometer at high shear rates	Cole, J A; Petersen, R E; EMMONS H W	1-Jun-55	19930083941	NACA-TN-3382
Transonic lateral and longitudinal aerodynamic characteristics of a lateral-control system employing rotatable airfoils mounted vertically at the wing tips of an unswept wing-fuselage-tail combination	Axelson, John A	7-Jan-58	19930090095	NACA-RM-A57J16
Investigation of turbines suitable for use in a turbojet engine with high compressor pressure ratio and low compressor-tip speed VIII : internal flow conditions of a two-stage turbine with a downstream stator	Petrash, Donald A; Davison, Elmer H; Schum, Harold J	13-Nov-57	19930089969	NACA-RM-E57I19
Effects of moderate biaxial stretch-forming on tensile and crazing properties of acrylic plastic glazing	Axilrod, B M; Sherman, M A; Cohen, V; Wolock, I	1-Oct-52	19930083578	NACA-TN-2779
Theoretical antisymmetric span loading for wings of arbitrary plan form at subsonic speeds	Deyoung, John	1-Jul-50	19930082919	NACA-TN-2140
Time histories of the loads and deformations on the horizontal tail of a jet-powered bomber airplane in accelerated maneuvers at 30,000 feet	COONEY T V; Aiken, William S , Jr	5-May-50	19930086122	NACA-RM-L50B24a
Aerodynamic characteristics and pressure distributions of a 6-percent-thick 49 degree sweptback wing with blowing over half-span and full-span flaps	Whittle, Edward F , Jr; Mclemore, H Clyde	20-Sep-55	19930088749	NACA-RM-L55F02
Experimental stress analysis of stiffened cylinders with cutouts : pure bending	Schlechte, Floyd R; Rosecrans, Richard	1-Mar-54	19930083726	NACA-TN-3073
An experimental hydrodynamic investigation of the inception of vortex ventilation	Ramsen, John A	1-Apr-57	19930084786	NACA-TN-3903
Resume of wind-tunnel data on the effect of external stores on stability of models of military airplanes	Silvers, H Norman; Vogler, Raymond D	19-Dec-46	19930085616	NACA-RM-L6K08
An Experimental Investigation of Flow Conditions in the Vicinity of an NACA D(Sub S)-Type Cowling	Bryant, Rosemary P.; Boswinkle, Robert W.	1-Aug-46	19930093285	NACA-WR-L-747, NACA-MR-L6H14
An analysis of air-turborocket engine performance including effects of component changes	Luidens, Roger W; Weber, Richard J	6-Apr-56	19930088993	NACA-RM-E55H04a
Graphical determination of wall temperatures for heat transfers through walls of arbitrary shape	Lutz, Otto	1-Apr-50	19930093960	NACA-TM-1280
Development of Wing Inlets	Racisz, Stanley F.	1-Mar-46	19930092761	NACA-WR-L-727, NACA-ACR-L6B18

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Further measurements of intensity, scale, and spectra of turbulence in a subsonic jet	Laurence, James C; Stickney, Truman M	1-Oct-56	19930084370	NACA-TN-3576
Reflection of a weak shock wave from a boundary layer along a flat plate I : interaction of weak shock waves with laminar and turbulent boundary layers analyzed by momentum-integral method	Ritter, Alfred; Kuo, Yung-Huai	27-Jan-53	19930083681	NACA-TN-2868
Theoretical Rocket Performance of Liquid Methane with Several Fluorine-Oxygen Mixtures Assuming Frozen Composition	Gordon, Sanford; Kastner, Michael E	20-May-58	19930089999	NACA-RM-E58B20
Aerodynamic characteristics at Mach numbers from 2.5 to 3.5 of a canard bomber configuration designed for supersonic cruise flight	Carmel, Melvin R; Kelly, Thomas C; Gregory, Donald T	10-Sep-58	19930090231	NACA-RM-L58G16
Relation of journal bearing performance to minimum oil-film thickness	Ocvirk, F W; Dubois, G B	1-Apr-58	19930085158	NACA-TN-4223
Flight investigation of a liquid-hydrogen fuel system	Mulholland, Donald R; Acker, Loren W; Christenson, Harold H; Gough, William V	19-Aug-57	19930089860	NACA-RM-E57F19a
A method for the analysis of compounds containing boron, carbon, and hydrogen	Allen, Harrison , Jr; Tannenbaum, Stanley	3-Mar-55	19930088553	NACA-RM-E54L15
Fatigue crack propagation in severely notched bars	Hyer, W S; Abraham, E D; Grover, H J	1-Jun-56	19930084418	NACA-TN-3685
A survey of the flow at the plane of the propeller of a twin-engine airplane	Roberts, John C; Yaggy, Paul F	1-Sep-50	19930082841	NACA-TN-2192
A method for determining core dimensions of heat exchanger with one dominating film resistance and verification with experimental data	Livingood, John N B; Diaguila, Anthony J	28-Jan-57	19930089663	NACA-RM-E56K26a
Aerodynamic study of a wing-fuselage combination employing a wing swept back 63 degrees : investigation at a Mach number of 1.53 to determine the effects of cambering and twisting the wing for uniform load at a lift coefficient of 0.25	Madden, Robert T	6-May-49	19930085887	NACA-RM-A9C07
Experimental studies of knock-limited blending characteristics of aviation fuels III : aromatics and cycloparaffins	Drell, I L; Wear, J D	1-Aug-47	19930082168	NACA-TN-1416
Study of the attack of an automatically controlled interceptor on a maneuvering bomber with emphasis on proper coordination of lift-acceleration and roll-angle commands during rolling maneuvers	Mathews, Charles W	4-Aug-54	19930088083	NACA-RM-L54E27
Wind-tunnel investigation of the static longitudinal and lateral stability of a 1/62-scale model of the X-1E at supersonic speeds	Henderson, Arthur, Jr	7-May-56	19930089156	NACA-RM-L56C23b
Tables of hypergeometric functions for use in compressible-flow theory	Huckel, Vera	1-Oct-48	19930082408	NACA-TN-1716
Multiple over-all performance and rotating-stall characteristics of a 15-stage experimental axial-flow compressor at an intermediate speed	Lucas, James G; Filippi, Richard E	2-Jul-54	19930088374	NACA-RM-E54C29
Investigation of high-lift and stall-control devices on a NACA 64-series 42 degree sweptback wing with and without fuselage	Graham, Robert R; Conner, D William	1-Oct-47	19930085782	NACA-RM-L7G09
Reduction of profile drag at supersonic velocities by the use of airfoil sections having a blunt trailing edge	Chapman, Dean R	1-Sep-55	19930084154	NACA-TN-3503

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An experimental investigation of a flat ram-jet engine on a helicopter rotor	Powell, Robert D , Jr; Shivers, James P	4-Jan-56	19930090330	NACA-RM-L55F28
Acceleration of high-pressure-ratio single-spool turbojet engine as determined from component performance characteristics III : effect of turbine stator adjustment	Rohlik, Harold E; Rebeske, John J	2-Aug-54	19930088202	NACA-RM-E54F04
Effect of magnitude of vibratory load superimposed on mean tensile load on mechanism of and time to fracture of specimens and correlation to engine blade	Ferguson, Robert R	13-Nov-52	19930087351	NACA-RM-E52I17
Performance characteristics of several types of axially symmetric nose inlets at Mach number 3.85	Connors, James F; Woollett, Richard R	13-Nov-52	19930087323	NACA-RM-E52I15
Effect of landing flaps and landing gear on the spin and recovery characteristics of airplanes	Gale, Lawrence J	1-Jun-48	19930082260	NACA-TN-1643
Static lateral and directional stability and control characteristics of a 1/15-scale model of the Grumman F11F-1 airplane at Mach numbers of 1.41, 1.61, and 2.01 : TED No. NACA DE 390	Robinson, Ross B; Driver, Cornelius	29-Nov-56	19930089476	NACA-RM-SL56J10
Aerodynamic design of axial-flow compressors. Volume III	Johnson, Irving A; Bullock, Robert O; Graham, Robert W; Costilow, Eleanor L; Huppert, Merle C; Benser, William A; Herzig, Howard Z; Hansen, Arthur G; Jackson, Robert J; Yohner, Peggy L; Dugan, Ames F , Jr	1-Aug-56	19930093763	NACA-RM-E56B03b
De-icing effectiveness of external electric heaters for propeller blades	Lewis, James P	1-Feb-48	19930082204	NACA-TN-1520
Effects of rigid spoilers on the two-dimensional flutter derivatives of airfoils oscillating in pitch at high subsonic speeds	Monfort, James C; Wyss, John A	17-Dec-54	19930088471	NACA-RM-A54I22
Flight Measurements of Elevon Hinge Moments on the XF-92A Delta-Wing Airplane	Johnson, Clinton T; Kuhl, Albert E	13-Jan-55	19930088521	NACA-RM-H54J25a
A comparison of the maneuvering performance of a monowing versus a cruciform missile	Matthews, Howard F; Schmidt, Standley F	1-Jun-55	19930088647	NACA-RM-A55D13
Exploratory investigation of the effect of skewed plain nose flaps on the low-speed characteristics of a large-scale triangular-wing-fuselage model	Wick, Bradford H; Graham, David	12-Jan-50	19930086044	NACA-RM-A9K22
Comparison of theoretical and experimental response of a single-mode elastic system in hydrodynamic impact	Miller, Robert W; Merten, Kenneth F	1-Apr-51	19930082986	NACA-TN-2343
Notes on the foundations of the theory of small displacements of orthotropic shells	Hildebrand, F B; Reissner, E; Thomas, G B	1-Mar-49	19930082518	NACA-TN-1833
A buffet investigation at high subsonic speeds of wing-fuselage-tail combinations having sweptback wings with NACA 64A thickness distributions, fences, a leading-edge extension, and body contouring	Sutton, Fred B; Lautenberger, J Walter, Jr	1-Aug-57	19930089901	NACA-RM-A57F06a
The effectiveness of wing vortex generators in improving the maneuvering characteristics of a swept wing airplane at transonic speeds	Mcfadden, Norman M; Rathert, George A , Jr; Bray, Richard S	1-Sep-55	19930084217	NACA-TN-3523

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Flight measurements of the stability, control, and stalling characteristics of an airplane having a 35 degree sweptback wing without slots and with 80-percent-span slots and a comparison with wind-tunnel data	Sjoberg, S A; Reeder, J P	1-Nov-48	19930082366	NACA-TN-1743
Low-speed experimental investigation of a thin, faired, double-wedge airfoil section with nose and trailing-edge flaps	Rose, Leonard M; Altman, John M	1-Aug-49	19930082610	NACA-TN-1934
Strain-gage study of internally cooled exhaust valves having various throat designs	Faldetta, Richard D; Holms, Authur G	1-Aug-46	19930081821	NACA-TN-1116
Investigation of an asymmetric 'penshape' exit having circular projections and discharging into quiescent air	Connors, James F; Meyer, Rudolph C	24-Jan-57	19930089602	NACA-RM-E56K09a
Control characteristics at transonic speeds of a linked flap and spoiler on a tapered 45 degrees sweptback wing of aspect ratio 3	Lockwood, Vernard E; Fikes, Joseph E	11-Jul-52	19930086985	NACA-RM-L52D25
Prediction of flame velocities of hydrocarbon flames	Dugger, Gordon L; Simon, Dorothy M	2-Jan-53	19930087439	NACA-RM-E52J13
Correlation of turbulent heat transfer in a tube for the dissociating system N2O4 reversibly yields 2NO2	Brokaw, Richard S	5-Mar-58	19930090182	NACA-RM-E57K19a
Analysis of multicell delta wings on Cal-Tech analog computer	Macneal, Richard H; Bencoter, Stanley U	1-Dec-53	19930083863	NACA-TN-3114
Momentum transfer for flow over a flat plate with blowing	Mickley, H S; Davis, R S	1-Nov-57	19930085200	NACA-TN-4017
Performance of slurries of 50 percent boron in JP-4 fuel in 5-inch ram-jet burner	Reynolds, Thaine W; Haas, Donald P	10-Jun-54	19930088401	NACA-RM-E54D07
The effect of span and deflection of split flaps and leading-edge roughness on the longitudinal stability and gliding characteristics of a 42 degree sweptback wing equipped with leading-edge flaps	Pratt, George L; Bollech, Thomas V	21-Jun-49	19930085957	NACA-RM-L9E02
Compressor performance characteristics of a python turbine-propeller engine investigated in altitude wind tunnel	Jansen, Emmert T; Mcaulay, John E	1-May-51	19930086451	NACA-RM-E50K24
Aerodynamic characteristics of wings designed for structural improvement	Weil, Joseph; Polhamus, Edward C	28-May-51	19930086703	NACA-RM-L51E10a
Force and pressure characteristics for a series of nose inlets at Mach numbers from 1.59 to 1.99 II : isentropic-spike all-external compression inlet	Obery, L J; Englert, G W	9-Feb-51	19930086391	NACA-RM-E50J26a
Mechanism of generation of pressure waves at flame fronts	Chu, Boa-Teh	1-Oct-56	19930084413	NACA-TN-3683
Heat transfer and boundary-layer transition on a highly polished hemisphere-cone in free flight at Mach numbers up to 3.14 and Reynolds numbers up to 24×10^6	Buglia, James J	18-Apr-57	19930089709	NACA-RM-L57D05
Interaction of grids with traveling shock waves	Dosanjh, Darshan Singh	1-Sep-56	19930084406	NACA-TN-3680
The Effect of Rear Chine Strips on the Take-Off Characteristics of a High-Speed Airplane Fitted with NACA Hydro-Skis	Ramsen, John A	17-Mar-49	19930085949	NACA-RM-L9B10a
Calculated lift distributions of a consolidated Vultee B-36 and two Boeing B-47 airplanes coupled at the wing tips	Diederich, Franklin W; Zlotnick, Martin	30-Nov-50	19930086442	NACA-RM-L50I26
Deflections of a simply supported rectangular sandwich plate subjected to transverse loads	Yen, Kuo Tai; Gunturkun, Sadettin	1-Dec-51	19930083347	NACA-TN-2581

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A comparison of flight test results on a scout-bomber airplane with 4.7 degree and with 10 degree geometric dihedral in the wing outer panels	Forsyth, Charles M; Gray, William E , Jr	1-Aug-47	19930082043	NACA-TN-1407
Low tip Mach number stall characteristics and high tip Mach number compressibility effects on a helicopter rotor having an NACA 0009 tip airfoil section	Powell, Robert D , Jr; Carpenter, Paul J	1-Jul-58	19930085233	NACA-TN-4355
Airfoil measurements in the DVL high-speed wind tunnel (2.7-meter diameter)	Gothert, B	1-Jun-49	19930090916	NACA-TM-1240
Effect of fuels on screaming in 200-pound-thrust liquid-oxygen - fuel rocket engine	Pass, Isaac; Tischler, Adelbert O	22-Jun-56	19930089104	NACA-RM-E56C10
Maneuver performance of interceptor missiles	Stone, David G	27-Jun-58	19930090055	NACA-RM-L58E02
Flame velocities over a wide composition range for pentane-air, ethylene-air, and propyne-air flames	Simon, Dorothy M; Wong, Edgar, L	18-Oct-51	19930086813	NACA-RM-E51H09
Transonic wind-tunnel measurements of static lateral and directional stability and vertical-tail loads for a model with a 45 degree sweptback wing	Hallissy, Joseph M , Jr	17-May-56	19930089116	NACA-RM-L55L19
Elevator-stabilizer effectiveness and trim of the X-1 airplane to a Mach number of 1.06	Drake, Hubert M; Carden, John R	1-Nov-50	19930086316	NACA-RM-L50G20
Compressive stress-strain properties of 17-7 PH and AM 350 stainless-steel sheet at elevated temperatures	Stein, Bland A	1-Aug-57	19930085068	NACA-TN-4074
Wind-tunnel investigation of the aerodynamic and structural deflection characteristics of the Goodyear Inflatoplane	Cocke, Bennie W , Jr	10-Sep-58	19930090147	NACA-RM-L58E09
Investigation of a 10-stage subsonic axial-flow research compressor I : aerodynamic design	Johnsen, Irving A	28-Apr-52	19930087018	NACA-RM-E52B18
Wing-flow investigation of a 45 degrees cone as an angle-of-attack measuring device at transonic speeds	Mcclanahan, Herbert C , Jr	11-Jul-51	19930086775	NACA-RM-L51E16
Aerodynamic characteristics of NACA 0012 airfoil section at angles of attack from 0 degrees to 180 degrees	Critzos, Chris C; Heyson, Harry H; Boswinkle, Robert W , Jr	1-Jan-55	19930084501	NACA-TN-3361
Analysis of altitude compensation systems for aircraft carburetors	Otto, Edward W	1-May-49	19930082551	NACA-TN-1874
Viscosity corrections to cone probes on rarefied supersonic flow at a nominal Mach number of 4	Talbot, L	1-Nov-54	19930084108	NACA-TN-3219
Cooling of gas turbines VI : computed temperature distribution through cross section of water-cooled turbine blade	Livingood, John N; Sams, Eldon W	1-May-47	19930085674	NACA-RM-E7B11f
Flight measurements of the vibratory stresses on a propeller designed for an advance ratio of 4.0 and a Mach number of 0.82	O'Bryan, Thomas C	1-Sep-58	19930085272	NACA-TN-4410
Study of motion of model of personal-owner or liaison airplane through the stall and into the incipient spin by means of a free-flight testing technique	Stone, Ralph W , Jr; Garner, William G; Gale, Lawrence J	1-Apr-53	19930083643	NACA-TN-2923
Pressure distributions on triangular and rectangular wings to high angles of attack Mach numbers 2.46 and 3.36	Kaattari, George E	18-Jan-55	19930088436	NACA-RM-A54J12

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Experimental flutter investigation of a thin unswept wing at transonic speeds	Pratt, George L	4-Apr-55	19930088680	NACA-RM-L55A18
Analysis of part-speed operation for high-pressure-ratio multistage axial-flow compressors	Benser, William A	4-Dec-53	19930088040	NACA-RM-E53I15
Flight measurements of the wing-dropping tendency of a straight-wing jet airplane at high subsonic Mach numbers	Ernst, Edward A; Anderson, Seth B; Van Dyke, Rudolph D , Jr	24-Apr-51	19930086574	NACA-RM-A51B28
Boundary-layer momentum equations for three-dimensional flow	Tetervin, Neal	1-Oct-47	19930082133	NACA-TN-1479
The origin and distribution of supersonic store interference from measurement of individual forces on several wing-fuselage-store configurations I : swept-wing heavy-bomber configuration with large store (nacelle). lift and drag; Mach number, 1.61	Smith, Norman F; Carlson, Harry W	8-Feb-55	19930088655	NACA-RM-L55A13a
Experimental investigation of temperature recovery factors on bodies of revolution at supersonic speeds	Wimbrow, William R	1-Oct-49	19930083194	NACA-TN-1975
Some considerations on two-dimensional thin airfoils deforming in supersonic flow	Migotsky, Eugene	1-Jan-55	19930084071	NACA-TN-3386
Investigation of low-speed lateral control and hinge-moment characteristics of a 20-percent-chord plain aileron on a 47.7 degrees sweptback wing of aspect ratio 5.1 at a Reynolds number of 6.0×10^6	Hadaway, William M; Salmi, Reino J	22-Oct-51	19930086738	NACA-RM-L51F22
An investigation of the hydrodynamic characteristics of a jet-powered dynamic model of the DR 56 flying boat : TED No. NACA DE 328	Carter, Arthur W; West, Max D; Bryce, Paul W , Jr	15-Jan-51	19930086537	NACA-RM-SL51A03
Cylinder-head temperatures and coolant heat rejection of a multicylinder liquid-cooled engine of 1650-cubic-inch displacement	Povolny, John H; Bogdan, Louis J; Chelko, Louis J	1-Apr-50	19930082742	NACA-TN-2069
Experimental investigation at low speed of the effects of wing position on the static stability of models having fuselages of various cross section and unswept and 45 degrees sweptback surfaces	Letko, William	1-Nov-56	19930084643	NACA-TN-3857
Wind-tunnel investigation at transonic speeds of a leading-edge slat on a modified-double-wedge wing	Macleod, Richard G	26-Dec-51	19930086762	NACA-RM-L51J22a
Analysis of flow in a subsonic mixed-flow impeller	Wu, Chung-Hua; Brown, Curtis A; Costilow, Eleanor L	1-Aug-52	19930083546	NACA-TN-2749
Low-speed lateral control characteristics of an unswept wing with hexagonal airfoil sections and aspect ratio 4.0 at a Reynolds number of 6.2×10^6	Hadaway, William M	20-Mar-53	19930087516	NACA-RM-L53A29
Experimental investigation of a surge control on a turbojet engine	Novik, David; Heppler, Herbert; Stiglic, Paul M	18-Nov-55	19930088956	NACA-RM-E55H03
Effect of variables in welding technique on the strength of direct-current metal-arc-welded joints in aircraft steel II : repeated-stress tests of joints in SAE 4130 seamless steel tubing	Voldrich, C B; ARMSTRONG E T	1-Apr-48	19930081881	NACA-TN-1262

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Aerodynamic characteristics at supersonic speeds of a series of wing-body combinations having cambered wings with an aspect ratio of 3.5 and a taper ratio of 0.2 : effects of sweep angle and thickness ratio on the aerodynamic characteristics in pitch	Robinson, Ross B	28-Jul-52	19930087065	NACA-RM-L52E09
Free-flight heat-transfer measurements on two 20 degree-cone-cylinders at Mach numbers from 1.3 to 4.9	Rabb, Leonard; Simpkinson, Scott H	18-Jul-55	19930088892	NACA-RM-E55F27
Flight investigation of a supersonic canard missile equipped with an auxiliary damping-in-pitch control system	Moul, Martin T	2-Feb-53	19930087453	NACA-RM-L52K14b
Blow-out velocities of various petroleum, slurry, and hydride fuels in a 1 7/8-inch diameter combustor	Cook, Preston N , Jr; Lord, Albert M; Kaye, Samuel	19-Apr-54	19930089299	NACA-RM-E54A28
Altitude-Wind-Tunnel investigation of Westinghouse 19B-2, 19B-8, and 19XB-1 Jet-Propulsion Engines IV : analysis of compressor performance	Dietz, Robert O; Kuenzig, John K	26-Nov-48	19930093795	NACA-RM-E8J28c
The planing characteristics of two v-shaped prismatic surfaces having angles of dead rise of 20 degrees and 40 degrees	Chambliss, Derrill B; Boyd, George M , Jr	1-Jan-53	19930083757	NACA-TN-2876
Preliminary investigation of needle bearings of 1 1/8-inch pitch diameter at speeds to 17,000 rpm	Macks, E Fred	1-Aug-49	19930082598	NACA-TN-1920
Altitude operation of gas-turbine engine with variable-area fuel-nozzle system	Gold, H; Rosenzweig, S	2-Apr-51	19930086545	NACA-RM-E51A04
The application of high-temperature strain gauges to the measurements of vibratory stresses in gas-turbine buckets	Kemp, R H; Morgan, W C; Manson, S S	1-Apr-47	19930081936	NACA-TN-1174
The effect of nacelle combinations and size on the zero-lift drag of a 45 degree sweptback wing and body configuration as determined by free-flight tests at Mach numbers between 0.8 and 1.3	Hoffman, Sherwood; Pepper, William B , Jr	22-Jun-53	19930087612	NACA-RM-L53E25
A theoretical study of the effect of upstream transpiration cooling on the heat-transfer and skin-friction characteristics of a compressible, laminar boundary layer	Rubesin, Morris W; Inouye, Mamoru	1-May-57	19930084793	NACA-TN-3969
A study of effects of heat treatment and hot-cold-work on properties of low-carbon N-155 alloy	Freeman, J W; Reynolds, E E; Frey, D N	1-May-49	19930082542	NACA-TN-1867
Estimation of water landing loads on hydro-ski-equipped aircraft	Schnitzer, Emanuel	17-Jul-53	19930087531	NACA-RM-L53D29
Evaluation of effects of random permeability variations on transpiration-cooled surfaces	Esgar, Jack B; Richards, Hadley T	30-Nov-53	19930087676	NACA-RM-E53G16
Analysis of the effects of boundary-layer control on the take-off performance characteristics of a liaison-type airplane	Horton, Elmer A; Quinn, John H , Jr	1-Jun-48	19930082789	NACA-TN-1597
The stability derivatives of low-aspect-ratio triangular wings at subsonic and supersonic speeds	Ribner, Herbert S	1-Sep-47	19930082119	NACA-TN-1423

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Lift, drag, and longitudinal stability at Mach numbers from 1.4 to 2.3 of a rocket-powered model having a 52.5 degree sweptback wing of aspect ratio 3 and inline tail surfaces	Gillespie, Warren, Jr	15-Dec-55	19930088859	NACA-RM-L55I12
Investigation at supersonic speeds of an inlet employing conical flow separation from a probe ahead of a blunt body	Hearth, Donald P; Gorton, Gerald C	19-Jan-53	19930087468	NACA-RM-E52K18
Effects of temperature distribution and elastic properties of materials on gas-turbine-disk stresses	Holms, Arthur G; Faldetta, Richard D	1-Jun-47	19930082083	NACA-TN-1334
Tests of aerodynamically heated multiweb wing structures in a free jet at Mach number 2 and aluminum-alloy model of 40-inch chord with 0.125-inch-thick skin	Griffith, George E; Miltonberger, Georgene H	23-Jun-58	19930090283	NACA-RM-L58C24
Flame velocities of four alkylsilanes	Gerstein, Melvin; Wong, Edgar L; Levine, Oscar	9-Mar-51	19930086560	NACA-RM-E51A08
Aspects of internal-flow-system design for helicopter propulsive units	Henry, John R	14-Sep-54	19930088340	NACA-RM-L54F29
Two-dimensional wind-tunnel investigation of four types of high-lift flap on an NACA 65-210 airfoil section	Cahill, Jones F	1-Feb-47	19930082155	NACA-TN-1191
Preliminary investigation at low speeds of swept wings in yawing flow	Goodman, Alex; Feigenbaum, David	4-Feb-48	19930085736	NACA-RM-L7I09
An evaluation of a rolleron-roll-rate-stabilization system for a canard missile configuration at Mach numbers from 0.9 to 2.3	Nason, Martin L; Rock, Rupert S; Brown, Clarence, Jr	15-Sep-55	19930093720	NACA-RM-L55C22
A graphical method for plotting amplitude and phase angle of transfer functions of dynamic systems without factoring polynomials	Smith, Earl F	1-Nov-51	19930083296	NACA-TN-2522
Investigation of pressure recovery of a single-conical-shock nose inlet at Mach number 5.4	Bernstein, Harry; Haefeli, Rudolph C	6-Apr-53	19930087483	NACA-RM-E53A12
Exploratory investigation of transpiration cooling of a 40 degree double wedge using nitrogen and helium as coolants at stagnation temperatures of 1,295 to 2,910 F	Rashis, Bernard	1-Sep-57	19930089714	NACA-RM-L57F11
A note on the effect of heat transfer on peak pressure rise associated with separation of turbulent boundary layer on a body of revolution (NACA RM-10) at a Mach number of 1.61	Czarnecki, K R; Sinclair, Archibald R	1-Apr-57	19930084838	NACA-TN-3997
Effect of fuel properties on liner temperatures in a single tubular turbojet combustor	Butze, Helmut F	3-Jun-57	19930089637	NACA-RM-E57C05
Fatigue strength and related characteristics of aircraft joints II : fatigue characteristics of sheet and riveted joints of 0.040-inch 24S-T, 75S-T, and R303-T275 aluminum alloys	Russell, H W; Jackson, L R; Grover, H J; Beaver, W W	1-Feb-48	19930082395	NACA-TN-1485
Lift and drag of the Bell X-5 research airplane in the 45 degree sweptback configuration at transonic speeds	Nugent, Jack	11-Jul-56	19930089404	NACA-RM-H56E02
Experimental study of heat transfer to small cylinders in a subsonic, high-temperature gas stream	Glawe, George E; Johnson, Robert C	1-May-57	19930084963	NACA-TN-3934

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Measurements of total hemispherical emissivity of various oxidized metals at high temperature	Wade, William R	1-Mar-58	19930085083	NACA-TN-4206
Theoretical performance of lithium and fluorine as a rocket propellant	Gordon, Sanford; Huff, Vearl N	10-May-51	19930086596	NACA-RM-E51C01
Boundary lubrication of steel with fluorine- and chlorine-substituted methane and ethane gases	Murray, S F; Johnson, Robert L; Swikert, Max A	1-Feb-55	19930084095	NACA-TN-3402
The effects of trailing-edge flaps on the subsonic aerodynamic characteristics of an airplane model having a triangular wing of aspect ratio 3	Tinling, Bruce E; Karpen, A V	28-Jan-55	19930089143	NACA-RM-A54L07
Damping in roll of rectangular wings of several aspect ratios and NACA 65A-series airfoil sections of several thickness ratios at transonic and supersonic speeds as determined with rocket-powered models	Edmondson, James L	24-Aug-50	19930090407	NACA-RM-L50E26
Effects of Mach Number and Reynolds Number on the Maximum Lift Coefficient of a Wing of NACA 230-Series Airfoil Sections	Furlong, G. Chester; Fitzpatrick, James E.	1-May-47	19930081927	NACA-TN-1299
Numerical determination of indicial lift and moment functions for a two-dimensional sinking and pitching airfoil at Mach numbers 0.5 and 0.6	Mazelsky, Bernard; Drischler, Joseph A	1-Jul-52	19930083467	NACA-TN-2739
Effect of rotor-blade twist and plan-form taper on helicopter hovering performance	Gessow, Alfred	1-Feb-48	19930082219	NACA-TN-1542
Elastic constants for corrugated-core sandwich plates	Libove, Charles; Hubka, Ralph E	1-Feb-51	19930082945	NACA-TN-2289
Experimental analysis of a pressure-sensitive system for sensing gas temperature	Cesaro, Richard S; Koenig, Robert J; Pack, George J	1-Feb-50	19930082699	NACA-TN-2043
Preliminary investigation of compressor blade vibration excited by rotating stall.	Huppert, Merle C; Johnson, Donald F; Costilow, Eleanor L	16-Dec-52	19930089060	NACA-RM-E52J15
Kinetic study of mass transfer by sodium hydroxide in nickel under free-convection conditions /by Don R. Mosher and Robert A. Lad	Mosher, Don R; Lad, Robert A	10-Mar-54	19930087972	NACA-RM-E53K24
Effect of pressure on thermal conductance of contact joints	Barzelay, Martin E; Tong, Kin Nee; Holloway, George F	1-May-55	19930084169	NACA-TN-3295
Flight determination of wing and tail loads on a fighter-type airplane by means of strain-gage measurements	Aiken, William S , Jr	1-Oct-48	19930082423	NACA-TN-1729
Component and over-all performance evaluation of a J47-GE-25 turbojet engine over a range of engine-inlet Reynolds number indices	Walker, Curtis L; Braithwaite, Willis M; Fenn, David B	29-Sep-53	19930081259	NACA-RM-E52L16
Investigation of an air-cooled, plug-type, variable-area exhaust nozzle	Smolak, G R; Koffel, W K	10-Apr-57	19930089724	NACA-RM-E57A07
Free-flight investigation at transonic and supersonic speeds of the rolling effectiveness of a partial-span aileron on an inversely tapered sweptback wing	Strass, H Kurt; Fields, E M; Schult, E D	1-May-50	19930086267	NACA-RM-L50B08
Investigation of the lateral stability characteristics of the Douglas X-3 configuration at Mach numbers from 0.6 to 1.1 by means of a rocket-propelled model	Mitchell, Jesse L; Peck, Robert F	15-Feb-55	19930088585	NACA-RM-L54L20

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Three papers from conference on "Wing and tail-surface oscillations : March 6-8, 1941, Munich	Sohnngen, Heinz; Schwarz, L; Dietze, F	1-Aug-51	19930093924	NACA-TM-1306
Turbosupercharger-rotor temperature in flight	Bartoo, Edward R	1-Oct-46	19930081854	NACA-TN-1159
A theoretical and experimental investigation of the lift and drag characteristics of a hydrofoil at subcritical and supercritical speeds	Wadlin, Kenneth L; Shuford, Charles L , Jr; Mcgehee, John R	14-Jul-52	19930087216	NACA-RM-L52D23a
Results of shear fatigue tests of joints with 3/16-inch-diameter 24S-T31 rivets in 0.064-inch-thick alclad sheet	Holt, Marshall	1-Feb-50	19930083218	NACA-TN-2012
The torsional deflections of several propellers under operating conditions	Gray, W H; Allis, A E	22-Jun-51	19930086660	NACA-RM-L51A19
Flight measurements and calculations of wing loads and load distributions at subsonic, transonic, and supersonic speeds	Malvestudo, Frank S; Cooney, Thomas V; Keener, Earl R	2-Jul-57	19930089925	NACA-RM-H57E01
Preliminary air-flow and thrust calibrations of several conical Cooling-air ejectors with a primary to secondary temperature ratio of 1.0 I : diameter ratios of 1.21 and 1.10	Greathouse, W K; Hollister, D P	22-Jul-52	19930087173	NACA-RM-E52E21
Tabulated pressure data for a 60 degree delta-wing-body-tail model with a hot jet exhausting from a pylon-mounted nacelle	Lee, Edwin E , Jr; Swihart, John M	21-Feb-58	19930089914	NACA-RM-L57J22
Measurement of heat-transfer and friction coefficients for flow of air in noncircular ducts at high surface temperatures	Lodermilk, Warren H; Weiland, Walter F , Jr; Livingood, John N B	25-Jan-54	19930088016	NACA-RM-E53J07
A study of sprays formed by two impinging jets	Heidmann, Marcus F; Priem, Richard J; Humphrey, Jack C	1-Mar-57	19930084568	NACA-TN-3835
Investigation of some factors affecting comparisons of wind-tunnel and flight measurements of maximum lift coefficients for a fighter-type airplane	Davis, Don D , Jr; Sweberg, Harold H	1-Jun-48	19930082311	NACA-TN-1639
Considerations on the effect of wind-tunnel walls on oscillating air forces for two-dimensional subsonic compressible flow	Runyan, Harry L; Watkins, Charles E	1-Dec-51	19930083251	NACA-TN-2552
Summary of pitch-damping derivatives of complete airplane and missile configurations as measured in flight at transonic and supersonic speeds	Gillis, Clarence L; Chapman, Rowe, Jr	22-Jan-53	19930087384	NACA-RM-L52K20
Friction, wear, and surface damage of metals as affected by solid surface films	Bisson, Edmond E; Johnson, Robert L; Swikert, Max A; Godfrey, Douglas	1-May-55	19930084346	NACA-TN-3444
Free-spinning tunnel investigation of a 1/20-scale model of the McDonnell F2H-3 airplane	Wilson, Jack H	24-Jul-51	19930086852	NACA-RM-SL51G17
Air-water analogy and the study of hydraulic models	Supino, Giulio	1-Jul-53	19930093871	NACA-TM-1359
An evaluation of an accelerometer method for obtaining landing-gear drag loads	Theisen, Jerome G; Edge, Philip M , Jr	1-Oct-54	19930083940	NACA-TN-3247
Control deflections, airplane response, and tail loads measured on an F-100A airplane in service operational flying	Pembo, Chris; Matranga, Gene J	5-Jun-58	19930090094	NACA-RM-H58C26
Static stability and control of canard configurations at Mach numbers from 0.70 to 2.22 : lateral-directional characteristics of a triangular wing and canard	Peterson, Victor L; Menees, Gene P	28-Mar-55	19930089968	NACA-RM-A57L18
Implication of the transport equation for the semiempirical treatment of shields	Schwed, Philip	1-Mar-52	19930083577	NACA-TN-2647

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Calculated performance of nuclear turbojet powered airplane at flight Mach number of 0.9	Doyle, Ronald B	11-May-50	19930086121	NACA-RM-E50B23
Comparison of secondary flows and boundary-layer accumulations in several turbine nozzles	Kofskey, Milton G; Allen, Hubert W; Herzig, Howard Z	1-Aug-53	19930083725	NACA-TN-2989
A thermocouple subcarrier oscillator for telemetering temperatures from pilotless aircraft	Fricke, Clifford L	1-Dec-57	19930084892	NACA-TN-4128
Velocity distributions on arbitrary airfoils in closed tunnels by conformal mapping	Moses, H E	28-Jan-47	19930085615	NACA-RM-E7A28
Evaluation of an automatic inlet-pressure control valve for study of transient engine performance characteristics	Wallner, Lewis E; Lubick, Robert J; Bloomer, Harry E	6-Apr-56	19930088992	NACA-RM-E55L13
Unstable capillary waves on surface of separation of two viscous fluids	Borodin, V A; Dityakin, Y F	1-Apr-51	19930093959	NACA-TM-1281
Effects of specific types of surface roughness on boundary-layer transition	Loftin, Laurence K	1-Feb-46	19930092760	NACA-WR-L-48, NACA-ACR-L5J29A
Summary of revised gust-velocity data obtained from V-G records taken on civil transport airplanes from 1933 to 1950	Walker, Walter G	1-Nov-53	19930083680	NACA-TN-3041
A simulator investigation of factors affecting the design and utilization of a stick pusher for the prevention of airplane pitch-up	Holleman, Euclid C; Boslaugh, David L	22-Jan-58	19930089998	NACA-RM-H57J30
Wind-tunnel investigation of some effects of wing sweep and horizontal-tail height on the static stability of an airplane model at transonic speeds	Fisher, Lewis R; Williams, James L	1-Jan-58	19930090230	NACA-RM-L58G15
Comparison of hydrodynamic-impact acceleration and response for systems with single and with multiple elastic modes	Miller, Robert W	1-Feb-58	19930085157	NACA-TN-4194
Performance measurements from a rocket-powered exploratory research missile flown to a Mach number of 10.4	Piland, Robert O	15-Mar-55	19930088552	NACA-RM-L54L29a
A wind-tunnel investigation of the low-amplitude damping in yaw and directional stability of a fuselage-tail configuration at Mach numbers up to 1.10	Palmer, William E	16-May-57	19930089662	NACA-RM-L57C15
Investigation at a Mach number of 1.9 and a Reynolds number of 2.2×10^6 of several flap-type lateral-control devices on a wing having 42.7 degrees sweepback of the leading edge	Goin, Kenneth L	11-Mar-49	19930085886	NACA-RM-L9A18a
Cooling of gas turbines VIII : theoretical temperature distributions through gas turbine with special blades and cooling fins on the rim	Brown, W Byron; Livingood, John N B	17-Feb-48	19930085781	NACA-RM-E7I22a
Free-flight tests at Mach numbers from 0.8 to 1.4 to determine the effect on zero-lift drag of increasing the leading-edge bluntness of a 45 degree sweptback wing having an NACA 65A009 airfoil	Pepper, William B , Jr	19-Aug-52	19930087226	NACA-RM-L52F30
Effects of rapid heating on strength of airframe components	Pride, Richard A; Hall, John B , Jr; Anderson, Melvin S	1-Jun-57	19930084863	NACA-TN-4051
An investigation of the lift, drag, and static-stability characteristics of a triangular-wing airplane configuration at Mach numbers from 3.00 to 6.28	Gloria, Hermilo R	19-Dec-56	19930089475	NACA-RM-A56H27

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Flight measurements of the dynamical longitudinal stability and frequency-response characteristics of the XF-92A delta-wing airplane	Holleman, Euclid C; Triplett, William C	13-Jan-55	19930088520	NACA-RM-H54J26a
Exploratory investigation at Mach number 4.06 of an airplane configuration having a wing of trapezoidal plan form : longitudinal and lateral control characteristics	Dunning, Robert W; Ulmann, Edward F	28-Apr-55	19930088646	NACA-RM-L55B28
Wind-tunnel investigation to determine the horizontal- and vertical-tail contributions to the static lateral stability characteristics of a complete-model swept-wing configuration at high subsonic speeds	Wiggins, James W; Kuhn, Richard E; Fournier, Paul G	1-Nov-56	19930084634	NACA-TN-3818
Flight tests to determine the effect of taper on the zero-lift drag of wings at low supersonic speeds	Alexander, Sidney R; Nelson, Robert L	13-Jul-47	19930086043	NACA-RM-L7E26
Small bending and stretching of sandwich-type shells	Reissner, Eric	1-Mar-49	19930082517	NACA-TN-1832
Experimental investigation of misaligning couples and eccentricity at ends of misaligned plain bearings	Dubois, G B; Ocvirk, F W; Wehe, R L	1-Feb-55	19930084216	NACA-TN-3352
Mechanical properties of five laminated plastics	Findley, William N; Worley, Will J	1-Aug-48	19930082365	NACA-TN-1560
Two-dimensional compressible flow in centrifugal compressors with straight blades	Stanitz, John D; Ellis, Gaylord O	1-Aug-49	19930082609	NACA-TN-1932
Comparison of High-Speed Operating Characteristics of Size 215 Cylindrical-Roller Bearings as Determined in Turbojet Engine and in Laboratory Test Rig	Macks, E Fred; Nemeth, Zolton N	28-Nov-51	19930086984	NACA-RM-E51I05
A theoretical analysis of the distortion of fuel-spray-particle paths in a helicopter ram-jet engine due to centrifugal effects	Katzoff, S; Smith, Samuel L , III	7-Apr-53	19930087438	NACA-RM-L53A02
Wind-tunnel investigation of the low-speed aerodynamic characteristics of a hypersonic glider configuration	Kelly, Mark W	15-Sep-58	19930090181	NACA-RM-A58F03
Some measurements of aerodynamic forces and moments at subsonic speeds on a rectangular wing of aspect ratio 2 oscillating about the midchord	Widmayer, Edward, Jr; Clevenson, Sherman A; Leadbetter, Sumner A	1-May-58	19930085199	NACA-TN-4240
Results Obtained from Third Flight of Northrop X-4 Airplane (A.F. No. 46-676)	Williams, Walter C	9-Sep-49	19930085956	NACA-RM-L9G20a
A theory for the elastic deflections of plates integrally stiffened on one side	Crawford, Robert F	1-Apr-56	19930084412	NACA-TN-3646
Design criteria for axisymmetric and two-dimensional supersonic inlets and exits	Connors, James F; Meyers, Rudolph C	1-Jan-56	19930084405	NACA-TN-3589
Measurements of Aileron Effectiveness of the Bell X-1 Airplane at Mach Numbers Between 0.9 and 1.06	Drake, Hubert M	4-Aug-49	19930085948	NACA-RM-L9G19a
Free-falls and parachute descents in the standard atmosphere	Webster, A P	1-Jun-47	19930082042	NACA-TN-1315
Initial results of a flight investigation of the wing and tail loads on an airplane equipped with a vane-controlled gust-alleviation system	Cooney, T V; Schott, Russell L	1-Sep-56	19930084592	NACA-TN-3746
An experimental investigation of wake effects on hydro-skis	Mcbride, Ellis E; Fisher, Lloyd J	1-May-58	19930085232	NACA-TN-4251
De-icing and runback characteristics of three cyclic electric, external de-icing boots employing chordwise shedding	Ruggeri, Robert S	25-May-53	19930089103	NACA-RM-E53C26
Stability of ballistic bodies	Bird, John D; Reese, David E , Jr	11-Aug-58	19930090054	NACA-RM-L58E02a

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Elevated temperature properties of titanium carbide base ceramals containing nickel or iron	Cooper, A L; Colteryahn, L E	3-Dec-51	19930086812	NACA-RM-E51I10
The unsymmetrical load and bending moment on the horizontal tail of a jet-powered bomber measured in sideslipping flight	Cooney, T V	10-Jan-52	19930086774	NACA-RM-L51J24
Some effects of propeller operation and location on ability of a wing with plain flaps to deflect propeller slipstreams downward for vertical take-off	Draper, John W; Kuhn, Richard E	1-Jan-55	19930084500	NACA-TN-3360
The galvanic corrosion theory for adherence of porcelain-enamel ground coats to steel	Moore, D G; Pitts, J W; Richmond, J C; Harrison, W N	1-Jun-53	19930083642	NACA-TN-2935
Analytical and experimental study of transient-response characteristics of a turboprop engine	Craig, R T; Nakanishi, S; Wile, D B	21-Oct-55	19930088679	NACA-RM-E55C23
An analysis of the power-off landing maneuver in terms of the capabilities of the pilot and the aerodynamic characteristics of the airplane	Von Doenhoff, Albert E; Jones, George W , Jr	1-Aug-53	19930084070	NACA-TN-2967
Force and pressure characteristics for a series of nose inlets at Mach numbers from 1.59 to 1.99 IV : conical-spike external-internal compression inlet utilizing perforated cowl	Madden, Robert T; Kremzier, Emil	28-Mar-51	19930086737	NACA-RM-E51B05
Measurements of downwash and sidewash behind cruciform triangular wings at Mach number 1.4	Wetzel, Benton E; Pfyl, Frank A	4-Apr-51	19930086536	NACA-RM-A51B20
The effect of entrance Mach number and lip shape on the subsonic characteristics of a scoop-type-air-induction system for a supersonic airplane	Holzhauser, Curt A	9-Jan-52	19930086751	NACA-RM-A51J19a
Icing-protection requirements for reciprocating-engine induction systems	Coles, Willard D; Rollin, Vern Gordon; Mulholland, Donald R	1-Dec-49	19930082741	NACA-TN-1993
Altitude-performance and Reynolds number investigation of centrifugal-flow-compressor turbojet engine	Wilsted, H D; Grey, R E	15-May-51	19930086761	NACA-RM-E51B07
Experimental investigation of eccentricity ratio, friction, and oil flow of short journal bearings	Dubois, G B; Ocvirk, F W	1-Nov-52	19930083545	NACA-TN-2809
Wind-tunnel investigation of proximity fuzes of World War II design	Everhart, Phillip E	17-Nov-55	19930088955	NACA-RM-SL55I30a
Investigation of the hydrodynamic stability and resistance of two streamline fuselages	Weinflash, Bernard; Shuford, Charles L , Jr	9-Apr-52	19930087064	NACA-RM-L52B11
Preliminary investigation of hollow-bladed turbines having closed and open blade tips	Smith, Gordon T; Hickel, Robert O	16-Aug-55	19930088891	NACA-RM-E55F27a
Langley Full-Scale-Tunnel Investigation of Maximum Lift and Stability Characteristics of an Airplane Having Approximately Triangular Plan Form (DM-1 Glider)	Lovell, J Calvin; Wilson, Herbert A JR	5-Aug-47	19930093794	NACA-RM-L7F16
A transonic propeller of triangular plan form	Ribner, Herbert S	1-May-47	19930081935	NACA-TN-1303
Effect of rotor- and stator-blade modifications on surge performance of an 11-stage axial-flow compressor II : redesigned compressor for XJ-40-WE-6 engine	Conrad, E William; Essig, Robert H; Finger, Harold B	25-May-53	19930087611	NACA-RM-E52I10

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Drag measurements at low lift of a four-nacelle airplane configuration having a longitudinal distribution of cross-sectional area conducive to low transonic drag rise	Hopko, Russell N; Piland, Robert O; Hall, James R	18-Nov-53	19930087675	NACA-RM-L53E29
Experimental and calculated characteristics of three wings of NACA 64-210 and 65-210 airfoil sections with and without 2 degree washout	Sivells, James C	1-Aug-47	19930082118	NACA-TN-1422
An Investigation of Aircraft Heaters XXVI : Development of a Sensitive Plated-Type Thermopile for Measuring Radiation	Boelter, L M K; Dempster, E R; Bromberg, R; Gier, J T	1-Jul-48	19930082082	NACA-TN-1450
The effect of blade-section camber on the static characteristics of three NACA propellers	Wood, John H; Swihart, John M	4-Apr-52	19930086559	NACA-RM-L51L28
Free-flight determination of force and stability characteristics of an inclined body of fineness ratio 16.9 at a Mach number of 1.74	Gillespie, Warren, Jr	15-Nov-54	19930088339	NACA-RM-L54G28a
Calculations of the Supersonic Wave Drag of Nonlifting Wings with Arbitrary Sweepback and Aspect Ratio: Wings Swept Behind the Mach Lines	Harmon, Sidney M; Swanson, Margaret D	21-Feb-47	19930085735	NACA-RM-L6K29
A flight investigation to determine the effectiveness of Mach number 1.0, 1.2, and 1.41 fuselage indentations for reducing the pressure drag of a 45 degree sweptback wing configuration at transonic and low supersonic speeds	Blanchard, Willard S , Jr; Hoffman, Sherwood	16-May-57	19930089636	NACA-RM-L57B27
Study of ram-air heat exchangers for reducing turbine cooling-air temperature of a supersonic aircraft turbojet engine	Diaguila, Anthony J; Livingood, John N B; Eckert, Ernst R G	3-Aug-56	19930089403	NACA-RM-E56E17
Analytical investigation of acceleration restriction in a fighter airplane with an automatic control system	Matthews, James T , Jr	1-Jan-58	19930085082	NACA-TN-4179
Charts for estimating performance of high-performance helicopters	Gessow, Alfred; Tapscott, Robert J	1-Jan-55	19930084094	NACA-TN-3323
Final hazards summary for the NACA zero power reactor facility		19-Feb-58	19930090042	NACA-RM-SE58A22
Coincidence method applied to ion beam measurement	Fultz, Stanley; Pool, M L	1-Feb-52	19930083466	NACA-TN-2627
The effect of wind bending deflection on the rolling moment due to sideslip	Lovell, Powell M , Jr	1-Feb-48	19930082218	NACA-TN-1541
Recovery and time-response characteristics of six thermocouple probes in subsonic and supersonic flow	Stickney, Truman M	1-Jul-55	19930084168	NACA-TN-3455
Effect of compressibility on normal-force, pressure, and load characteristics of a tapered wing of NACA 66-series airfoil sections with split flaps	West, F E; Hallisy, J M	1-Dec-48	19930082422	NACA-TN-1759
Investigation of thrust augmentation using water-alcohol injection on a 5200-pound-thrust axial-flow-type turbojet engine at static sea-level conditions	Boman, David S; Mallett, William E	4-Sep-52	19930090414	NACA-RM-E52G30
Experimental investigation of thrust augmentation of 4000-pound-thrust centrifugal-flow-type turbojet engine by bleedoff	Jones, William L; Bogdan, Louis J	3-Jul-50	19930086266	NACA-RM-E50D17
Static longitudinal stability and control characteristics of a model of a 45 degree swept-wing fighter airplane at Mach numbers of 1.41, 1.61, and 2.01	Driver, Cornelius; Foster, Gerald V	11-Jul-56	19930088584	NACA-RM-L56D04
Lateral control by spoilers at the DVL	Kramer, Max; Zobel, Theodor W; Esche, C G	1-Aug-51	19930093923	NACA-TM-1307

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Experimental verification of two methods for computing the take-off ground run of propeller-driven aircraft	Gasich, Welko E	1-Jun-47	19930081853	NACA-TN-1258
A small-deflection theory for curved sandwich plates	Stein, Manuel; Mayers, J	1-Feb-50	19930083217	NACA-TN-2017
Carbon-deposition characteristics of MIL-F-5624A fuels containing high-boiling aromatic hydrocarbons	Jonash, Edmund R; Wear, Jerrold D; Cook, William P	29-Aug-52	19930087172	NACA-RM-E52G11
A flow calorimeter for determining combustion efficiency from residual enthalpy of exhaust gases	Evans, Albert; Hibbard, Robert R	10-Mar-54	19930088015	NACA-RM-E53L21b
Analysis of behavior of simply supported flat plates compressed beyond the buckling load into the plastic range	Mayers, J; Budiansky, Bernard	1-Feb-55	19930084567	NACA-TN-3368
A thermodynamic study of the turbine-propeller engine	Pinkel, Benjamin; Karp, Irving M	1-Mar-52	19930083250	NACA-TN-2653
Determination of inflow distributions from experimental aerodynamic loading and blade-motion data on a model helicopter rotor in hovering and forward flight	Falabella, Gaetano, Jr; Meyer, John R , Jr	1-Nov-55	19930084345	NACA-TN-3492
Concerning the flow about ring-shaped cowlings XII : two new classes of circular cowls	Kuchemann, Dietrich; Weber, Johanna	1-Oct-53	19930093870	NACA-TM-1360
An experimental investigation of wheel spin-up drag loads	Milwitzky, Benjamin; Lindquist, Dean C; Potter, Dexter M	1-Sep-54	19930083939	NACA-TN-3246
The application of planing characteristics to the calculation of the water-landing loads and motions of seaplanes of arbitrary constant cross section	Smiley, Robert F	1-Nov-52	19930083576	NACA-TN-2814
Low-speed aerodynamic characteristics of a series of swept wings having NACA 65A006 airfoil sections	Cahill, Jones F; Gottlieb, Stanley M	24-Mar-50	19930086120	NACA-RM-L9J20
Power-off flare-up tests of a model helicopter rotor in vertical autorotation	Slaymaker, S E; Gray, Robin B	1-Jan-53	19930083724	NACA-TN-2870
Investigation at low speeds of deflectors and spoilers as gust alleviators on a model of the Bell X-5 airplane with 35 degree swept wings and on a high-aspect-ratio 35 degree swept-wing-fuselage model	Croom, Delwin R; Huffman, Jarrett K	1-Jun-57	19930084891	NACA-TN-4057
Force, moment, and pressure-distribution characteristics of rectangular wings at high angles of attack and supersonic speeds	Pitts, William C	13-Feb-56	19930088991	NACA-RM-A55K09
Effects of sweep and taper on the longitudinal characteristics of an aspect ratio 3 wing-body combination at Mach numbers from 0.6 to 1.4	Knechtel, Earl D; Summers, James L	23-Mar-55	19930088551	NACA-RM-A55A03
Preliminary wind-tunnel investigation of the effect of area suction on the laminar boundary layer over an NACA 64A010 airfoil	Braslow, Albert L; Visconti, Fioravante; Burrows, Dale L	26-Apr-48	19930085885	NACA-RM-L7L15
Pressure distribution over a sharp-nose body of revolution at transonic speeds by the NACA wing-flow method	Danforth, Edward C B; Johnston, J Ford	5-Mar-48	19930085780	NACA-RM-L7K12
Altitude performance characteristics of the J47-25 turbojet engine : data presentation	Renas, Paul E; Jansen, Emmert T	29-Sep-53	19930087225	NACA-RM-E52G22

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Title	Author	Publication Date	Document ID	Report/Patent Number
Free-flight investigation of the full-scale Hughes Falcon missile, D configuration, to determine aileron effectiveness and damping in roll	Lundstrom, Reginald R	19-Nov-54	19930088519	NACA-RM-SL54K19
The effect of aspect ratio on the subsonic aerodynamic characteristics of wings with NACA 65(sub 1)-210 sections	Nelson, Warren, H; Erickson, Albert L	3-Feb-50	19930086042	NACA-RM-A9K18
Plastic deformation of aluminum single crystals at elevated temperatures	Johnson, R D; Young, A P; Schwope, A D	1-Apr-55	19930084215	NACA-TN-3351
Stability and control characteristics at low speed of an airplane model having a 38.7 degree sweptback wing with aspect ratio 4.51, taper ratio 0.54, and conventional tail surfaces	Lockwood, Vernard E; Watson, James M	1-Dec-48	19930082364	NACA-TN-1742
Preliminary investigation of a variable Mach number two-dimensional supersonic tunnel of fixed geometry	Nelson, William J; Bloetscher, Frederick	9-Jun-49	19930085955	NACA-RM-L9D29a
The effect of sweepback on the longitudinal characteristics at a Mach number of 1.24 of a 1/30 scale semispan model of the Bell X-5 airplane from tests by the NACA wing flow method	Morris, Garland J; Kennedy, Robert M; Silsby, Norman S	27-Nov-50	19930086449	NACA-RM-L50I28
Time correlator for problems in aerodynamics	Skinner, George Tolmie	1-Jun-56	19930084411	NACA-TN-3682
A method for numerically calculating the area and distribution of water impingement on the leading edge of an airfoil in a cloud	Bergrun, Norman R	1-Aug-47	19930082041	NACA-TN-1397
Graphs of reduced variables for computing histories of vaporizing fuel drops, and drop histories under pressure	Borman, G L; El Wakil, M M; Uyehara, O A; Myers, P S	1-Sep-58	19930085231	NACA-TN-4338
Free-jet performance configurations of the XRJ43-MA-3 ram-jet engine	Mcaulay, John E; Campbell, Carl E	29-Aug-55	19930089102	NACA-RM-E55H22
Jet effects on the base drag of a cylindrical afterbody with extended nozzles	Nelson, William J; Scott, William R	15-Apr-58	19930090053	NACA-RM-L58A27
Stability and control measurements obtained during USAF-NACA cooperative flight-test program on the X-4 airplane (USAF No. 46-677)	Ankenbruck, Herman O; Sadoff, Melvin; O'Hare, William	26-Oct-51	19930086811	NACA-RM-A51H09
An investigation of drains discharging liquid into subsonic and transonic streams	Vick, Allen R; Silhan, Frank V	1-Mar-55	19930084499	NACA-TN-3359
Effects of spanwise location of sweep discontinuity on the low-speed static lateral stability characteristics of a complete model with wings of M and W plan form	Fournier, Paul G	25-May-55	19930088678	NACA-RM-L55D22
Summary of Information Relating to Gust Loads on Airplanes	Donely, Philip	1-Nov-49	19930083192	NACA-TN-1976
Base pressures measured on several parabolic-arc bodies of revolution in free flight at Mach numbers from 0.8 to 1.4 and at large Reynolds numbers	Katz, Ellis; Stoney, William E , Jr	26-Oct-51	19930086750	NACA-RM-L51F29
Chart for simplifying calculations of pressure drop of a high-speed compressible fluid under simultaneous action of friction and heat transfer - application to combustion-chamber cooling passages	Sibulkin, Merwin; Koffel, William K	1-Mar-50	19930082740	NACA-TN-2067
A flight investigation utilizing rocket-propelled test vehicles of the damping in roll and rolling effectiveness including aeroelastic effects of models of the XAAM-N-2 (Sparrow) missile with tails interdigitated : TED No. NACA DE 332	Hopko, Russell N	23-Apr-51	19930086760	NACA-RM-SL51D16

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A flight investigation of the effect of shape and thickness of the boundary layer on the pressure distribution in the presence of shock	Harrin, Eziaslav N	1-Sep-52	19930083544	NACA-TN-2765
The effects at transonic speeds of thickening the trailing edge of a wing with a 4-percent-thick circular-arc airfoil	Cleary, Joseph W; Stevens, George L	11-Dec-51	19930087063	NACA-RM-A51J11
Performance of compressor blade cascades at high Mach numbers	Bogdonoff, Seymour M	12-Jun-47	19930093793	NACA-RM-L7D11a
Extension of the Chaplygin proofs on the existence of compressible-flow solutions to the supersonic region	Theodorsen, Theodore	1-Mar-46	19930081934	NACA-TN-1028
Investigation at Mach numbers 1.5 and 1.7 of twin-duct side intake system with two-dimensional 6 degree compression ramps mounted on a supersonic airplane	Davids, Joseph; Wise, George A	12-Oct-53	19930087674	NACA-RM-E53H19
Theoretical analysis of the performance of a supersonic ducted rocket	Hensley, Reece V	13-Feb-48	19930085734	NACA-RM-E7I05
Investigation of static longitudinal stability characteristics at transonic speeds of 30 degree sweptback wing in wing-body configuration with and without horizontal tail	Willis, Conrad M	22-Apr-57	19930089635	NACA-RM-L57B26
Wind-tunnel investigation at high subsonic speeds of jet spoiler, and aileron controls on a 1/16-scale model of the Douglas D-558-II research airplane	Vogler, Raymond D	27-Jul-56	19930089402	NACA-RM-L56E25
A discussion of cone and flat-plate Reynolds numbers for equal ratios of the laminar shear to the shear caused by small velocity fluctuations in a laminar boundary layer	Tetervin, Neal	1-Aug-57	19930085081	NACA-TN-4078
The influence of wheel spin-up on landing-gear impact	Flugge, W; Coale, C W	1-Oct-54	19930084093	NACA-TN-3217
Some effects of roughness on stagnation-point heat transfer at a Mach number of 2, a stagnation temperature of 3,530 F, and a Reynolds number of 2.5×10^6 per foot	Strass, H Kurt; Tyner, Thomas W	26-May-58	19930090041	NACA-RM-L58C10
Effects of solvents in improving boundary lubrication of steel by silicones	Murray, S F; Johnson, Robert L	1-Sep-52	19930083465	NACA-TN-2788
The effect of tip modification and thermal de-icing air flow on propeller performance as determined from wind-tunnel tests	Gray, W H; Davidson, R E	1-Feb-48	19930082217	NACA-TN-1540
Subsonic edges in thin-wing and slender-body theory	Van Dyke, Milton D	1-Nov-54	19930084167	NACA-TN-3343
Flight measurements by various methods of the drag characteristics of the XP-51 airplane	Beadle, Dorothy E	1-Jun-46	19930093005	NACA-WR-L-741, NACA-MR-L6F12
Shear lag in axially loaded panels	Kuhn, Paul; Peterson, James P	1-Oct-48	19930082421	NACA-TN-1728
The use of area suction for the purpose of delaying separation of air flow at the leading edge of a 63 degree swept-back wing	Cook, Woodrow L; Griffin, Roy N; McCormack, Gerald M , Jr	22-Nov-50	19930086265	NACA-RM-A50H09
Performance of axial-flow fan and compressor blades designed for high loadings	Herrig, Joseph L; Bogdonoff, Seymour M	1-Feb-47	19930081852	NACA-TN-1201
A low-speed investigation of an annular transonic air inlet	Nichols, Mark R; Rinkoski, Donald W	1-Apr-52	19930083216	NACA-TN-2685

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Experimental investigation of a transonic axial-flow-compressor rotor with double-circular-arc airfoil blade sections I : design, over-all performance and stall characteristics	Schwenk, Francis C; Servory, George K; Lewis, George W	5-Apr-54	19930088014	NACA-RM-E53L21a
An analysis of turbojet-engine-inlet matching	Wyatt, Demarquis	1-Sep-53	19930083723	NACA-TN-3012
Discharge coefficients for combustor-liner air-entry holes	Dittrich, Ralph T; Graves, Charles C	1-Apr-56	19930084890	NACA-TN-3663
A pivoting-cowl-and-spike technique for efficient angle-of-attack operation of supersonic inlets	Samanich, Nick E; Cubbison, Robert W	23-Sep-58	19930090228	NACA-RM-E58G11a
Blow-out velocities of hydrocarbon solutions of two ethylene-boron hydride reaction products and decaborane and a slurry containing decaborane in a 1 7/8-inch diameter combustor	Caves, Robert M; Morris, James F	2-Feb-55	19930088550	NACA-RM-E54L16a
Preliminary tests at supersonic speeds of triangular and swept-back wings	Ellis, Macon C , Jr; Hase , Lowell E	21-Feb-47	19930085779	NACA-RM-L6L17
A study of the efficiency of high-strength, steel, cellular-core sandwich plates in compression	Johnson, Aldie E , Jr; Semonian, Joseph W	1-Sep-56	19930084632	NACA-TN-3751
Turbojet-engine evaluation of AISI 321 and AISI 347 stainless steels as nozzle-blade materials	Garrett, Floyd B; Yaker, Charles	27-Feb-50	19930086041	NACA-RM-E9K17
Effect of interaction on landing-gear behavior and dynamic loads in a flexible airplane structure	Milwitzky, Benjamin; Cook, Francis E	1-Aug-55	19930084214	NACA-TN-3467
Error in airspeed measurement due to static-pressure field ahead of sharp-nose bodies of revolution at transonic speeds	Danforth, Edward C; Johnston, J Ford	19-Aug-49	19930085954	NACA-RM-L9C25
An investigation at Mach numbers of 1.40 and 1.59 of the effects of aileron profile on the aerodynamic characteristics of a complete model of a supersonic aircraft configuration	Spearman, M Leroy; Webster, Robert A	15-Jan-51	19930086448	NACA-RM-L50J31
High-speed tests of an airfoil section cambered to have critical Mach numbers higher than those attainable with a uniform-load mean line	Graham, Donald J	1-Jul-47	19930082040	NACA-TN-1396
Heat-transfer characteristics of blunt two-and three-dimensional bodies at supersonic speeds	Goodwin, Glen	16-Feb-56	19930089101	NACA-RM-A55L13a
Performance of multiple jet-exit installations	Swihart, John M; Nelson, William J	7-Jul-58	19930090052	NACA-RM-L58E01
Some effects of spanwise aileron location and wing structural rigidity on the rolling effectiveness of 0.3-chord flap-type ailerons on a tapered wing having 63 degrees sweepback at the leading edge and NACA 64A005 airfoil sections	Strass, H Kurt; Fields, E M; Schult, Eugene D	22-Jun-51	19930086810	NACA-RM-L51D18a
Experimental evaluation of boron-hydrocarbon slurry in a 16-inch ram-jet combustor	Kerslake, William R; Dangle, E E; Cervenka, A J	1-Jul-55	19930088677	NACA-RM-E55C07
Experimental Aerodynamic Derivatives of a Sinusoidally Oscillating Airfoil in Two-Dimensional Flow	Halfman, Robert L	1-Nov-51	19930083191	NACA-TN-2465

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Free-flight-tunnel investigation of the dynamic lateral stability and control characteristics of a high-aspect-ratio bomber model with a sweptback-wing fighter model attached to each wing tip	Bennett, Charles V; Boisseau, Peter C	23-Sep-52	19930087062	NACA-RM-L52E08
An experimental investigation of NACA submerged air inlets on a 1/5-scale model of a fighter airplane	Gault, Donald E	5-Dec-47	19930085733	NACA-RM-A7I06
A probability analysis of the meteorological factors conducive to aircraft icing in the United States	Lewis, William; Bergrun, Norman R	1-Jul-52	19930083464	NACA-TN-2738
Biaxial plastic stress-strain relations for 24S-T aluminum alloy	Marin, Joseph; Faupel, J H; Dutton, V L	1-May-48	19930082216	NACA-TN-1536
Air-flow characteristics of full-scale ducts for the Grumman XF9F-2 airplane : TED No. NACA PP 302	Spencer, Robert C; Wood, Charles C	19-May-48	19930084166	NACA-RM-SL8D09a
Spray characteristics of four flying-boat hulls as affected by length-beam ratio	Hodges, William W; Woodward, David R	1-Oct-48	19930082420	NACA-TN-1726
Experimental determination of boundary-layer transition on a body of revolution at M = 3.5	Jedlicka, James R; Wilkins, Max E; Seiff, Alvin	15-Mar-54	19930088013	NACA-RM-A53L18
Temperatures, thermal stress, and shock in heat-generating plates of constant conductivity and of conductivity that varies linearly with temperature	Manson, S V	1-Jul-53	19930083722	NACA-TN-2988
Two-dimensional low-speed cascade investigation of NACA compressor blade sections having a systematic variation in mean-line loading	Erwin, John R; Savage, Melvyn; Emery, James C	1-Nov-56	19930084631	NACA-TN-3817
Low-speed characteristics in pitch of a 42 degree sweptback wing with aspect ratio 3.9 and circular-arc airfoil sections	Neely, Robert H; Koven, William	13-Nov-47	19930086040	NACA-RM-L7E23
Maximum theorems and reflections of simple waves	Germain, P	1-Jun-55	19930084213	NACA-TN-3299
The longitudinal stability, control effectiveness, and control hinge moment characteristics obtained from a flight investigation of a canard missile configuration at transonic and supersonic speeds	Niewald, Roy J; Moul, Martin T	24-Nov-50	19930086447	NACA-RM-L50I27
Wind-tunnel investigation of the NACA 654-421 airfoil section with a double slotted flap and boundary layer control by suction	Quinn, John H	1-Jul-47	19930082039	NACA-TN-1395
Effects of external store-pylon configuration and position on the aerodynamic characteristics of a 45 degree swept wing-fuselage combination at a Mach number of 1.61	Morris, Odell A	13-May-58	19930090051	NACA-RM-L58C13
Tables of exact laminar-boundary-layer solutions when the wall is porous and fluid properties are variable	Brown, W Byron; Donoughe, Patrick L	1-Sep-51	19930083190	NACA-TN-2479
Free-flight investigation of fullspan, 0.2 chord plain ailerons at high subsonic, transonic, and supersonic speeds to determine some effects of wing sweepback, taper, aspect ratio, and section-thickness ratio	Sandahl, Carl A	13-Aug-47	19930085732	NACA-RM-L7F30
Tank tests at subcavitation speeds of an aspect-ratio-10 hydrofoil with a single strut	Wadlin, Kenneth L; Ramsen, John A; Mcgehee, John R	20-Jul-50	19930086039	NACA-RM-L9K14a

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An investigation of the discharge and drag characteristics of auxiliary-air outlets discharging into a transonic stream	Vick, Allen R; Dewey, Paul E	1-Jul-55	19930084212	NACA-TN-3466
A flight investigation of the meteorological conditions conducive to the formation of ice on airplanes	Lewis, William	1-Aug-47	19930082038	NACA-TN-1393
Performance of basic XJ79-GE-1 turbojet engine and its components	Campbell, Carl E	8-May-58	19930090050	NACA-RM-E58C12
Investigation of the influence of fuselage and tail surfaces on low-speed static stability and rolling characteristics of a swept-wing model	Bird, John D; Lichtenstein, Jacob H; Jaquet, Byron M	1-Jul-52	19930083189	NACA-TN-2741
Response of homogeneous and two-material laminated cylinders to sinusoidal environmental temperature change, with applications to hot-wire anemometry and thermocouple pyrometry	Lowell, Herman H; Patton, Norman	1-Sep-55	19930084211	NACA-TN-3514
A procedure for calculating the development of turbulent boundary layers under the influence of adverse pressure gradients	Rubert, Kennedy F; Persh, Jerome	1-Sep-51	19930083188	NACA-TN-2478
Theoretical investigation of flutter of two-dimensional flat panels with one surface exposed to supersonic potential flow	Cunningham, Herbert J; Nelson, Herbert C	1-Jul-55	19930084210	NACA-TN-3465
Effects of Aspect Ratio on Air Flow at High Subsonic Mach Numbers	Lindsey, W F; Humphreys, Milton D	1-Jul-52	19930083187	NACA-TN-2720
Investigation of High Lift and Stall Control Devices on an NACA 64-Series 42 Deg Sweptback Wing with and Without Fuselage	Conner, D. W.; Graham, R. R.	14-Oct-47	19680073308	NACA-RM-L7G09
Additional abstracts pertaining to seaplanes	Bidwell, J. M.; King, D. A.	9-Mar-48	19680071605	NASA-TM-X-61109, NACA-RM-L7J14
Hydrodynamic Characteristics of a Low-Drag, Planing-Tail Flying-Boat Hull	Suydam, H. B.	21-Oct-48	19680071449	NASA-TM-X-61110, NACA-RM-L7I10
Aerodynamic characteristics at mach numbers from 2.5 to 3.5 of a canard bomber configuration designed for supersonic cruise flight	Carmel, M. M.; Gregory, D. T.; Kelly, T. C.	10-Sep-58	19680068704	NACA-RM-L58G16
An analytic study of turbojet engine thrust augmentation with liquid hydrogen, pentaborane, magnesium slurry, and jp-4 afterburner fuels and a 22/0-second impulse rocket	Morris, J. F.	15-Aug-56	19680068648	NACA-RM-E56A19A
Flutter experiments with various control configurations	Boswinkle, R. W., Jr.; Morgan, H. G.	10-Jul-57	19680068700	NACA-RM-L57D23C
Effect of nose shape and wing thickness ratio on the drag at zero lift of a missile having triangular wings and tails	Hall, J. R.; Sandahl, C. A.	31-May-50	19680068666	NACA-RM-L50C16A
Rocket-model investigation of the longitudinal stability, drag, and duct performance of a 60 deg delta wing canard aircraft with twin side inlets at Mach numbers from 0.80 to 1.70	Bond, A. C.; Swanson, A. G.	29-Mar-54	19690067239	NACA-RM-L53D10A
Comparison of free-flight measurements of the zero-lift drag rise of six airplane configurations and their equivalent bodies of revolution at transonic speeds	Hall, J. R.	5-Jan-54	19690067236	NACA-RM-L53J21A
Flight characteristics of a wingless rocket- powered model with four externally mounted air-to-air missiles at Mach numbers 0.7 to 1.6	Brown, C. A., Jr.; Henning, A. B.	25-Jan-55	19690067238	NACA-RM-L54K17A

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Some effects of roll rate on the longitudinal stability characteristics of a cruciform missile configuration as determined from flight test for a Mach number range of 1.1 to 1.8	Barber, H. T., Jr.; Lundstrom, R. R.	19-Jun-56	19690067240	NACA-RM-L55L16
Longitudinal stability and control characteristics as determined by the rocket-model technique for an inline, cruciform, canard missile configuration with a low-aspect-ratio wing having trailing-edge flap controls for a Mach number range of 0.7 to 1.8	Baber, H. T., Jr.; Moul, M. T.	28-Sep-55	19690067250	NACA-RM-L54B12
Comparison of wind-tunnel, rocket, and flight drag measurements for eight airplane configurations at Mach numbers between 0.7 and 1.6	Purser, P. E.	16-Sep-54	19690067237	NACA-RM-L54F18
Flight test of a solid-fuel ramjet with the internal surface of the combustor air cooled	Bartlett, W. A., Jr.	3-Jul-56	19690067249	NACA-RM-L56D24
Flight test of an end-burning solid-fuel ramjet	Bartlett, W. A., Jr.	25-Mar-54	19690067252	NACA-RM-L54B08A
Comparison and evaluation of two model techniques used in predicting bomb-release motions	Carlson, H. W.; Geier, D. J.; Lee, J. B.	27-Dec-57	19700072922	NACA-RM-L57J23
Wind-tunnel measurement of static forces on internally carried bombs of two different bluff shapes in the flow field of a swept-wing fighter-bomber configuration at a Mach number of 1.6	Geier, D. J.; Robins, A. W.	1-Apr-57	19700072923	NACA-RM-L57A23
Measurement of static forces on internally carried bombs of three fineness ratios in flow field of a swept-wing fighter-bomber configuration at a Mach number of 1.61 with illustrative drop path calculations	Carlson, H. W.; Smith, N. F.	10-Jan-57	19700072759	NACA-RM-L56118
Altitude starting tests of a small solid propellant rocket	Krawczoner, E. M.; Sloop, J. L.	21-Jun-57	19700078164	NACA-RM-E57F21
An investigation of ejection releases of submerged and semisubmerged dynamically scaled stores from a simulated bomb bay of a fighter- bomber airplane at supersonic speeds	Carter, H. S.; Lee, J. B.	26-Dec-56	19700072930	NACA-RM-L56I10
First landing of Bell X-2 research airplane	Day, R. E.; Stillwell, W. H.	1-Oct-52	19700072711	NACA-RM-L52I11
AN INVESTIGATION OF JET EFFECTS ON ADJACENT SURFACES	Bressette, W. E.; Faget, M. A.	28-Jun-55	19630038086	NACA-RM-L55E06
Stability and control characteristics at low speed of a 1/10-scale model of mx-1554a design	Lockwood, V. E.; Solomon, M.	1-Jan-53	19660081966	NACA-RM-SL53A05
A Feasibility Study of the Flare-Cylinder Configuration as a Reentry Body Shape for an Intermediate Range Ballistic Missile	Garland, B. J.; Hall, J. R.	28-May-58	19650075478	NACA-RM-L58C21
Summary of the lift, drag, and stability of 1/10-scale rocket-boosted models of the mc donnell xf3h-1 airplane for a mach number range of 0.6 to 1.4 as affected by the operation of extensible rocket racks	Crabill, N. L.; Mc Fall, J. C., Jr.	1-Jan-54	19650073443	NACA-RM-SL54A18
Static lateral and directional stability and control characteristics of a revised 1/22- scale model of the republic f-105 airplane at mach numbers of 1.41 and 2.01	Foster, G. V.; Robinson, R. B.	1-Jan-56	19660081967	NACA-RM-SL-56J30

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An investigation of the dynamic and static stability characteristics of a group of specialized store configurations at transonic speeds	Braden, J. A.; Henry, B. Z.	21-Aug-53	19650074002	NACA-RM-SL53G09C
Summary and analysis of horizontal-tail contribution to longitudinal stability of swept-wing airplanes at low speeds	Griner, R. F.; Neely, R. H.	23-Aug-55	19660082486	NACA-RM-L55E23A
Compatibility of Metals with Liquid Fluorine at High Pressures and Flow Velocities	Schmidt, H. W.	1-Jan-58	19650074949	NACA-RM-E58D11, AD-162732
An empirical equation for the coefficient of heat transfer to a flat surface from a plane heated-air jet directed tangentially to the surface	Selna, J.; Zerbe, J.	1-Jun-46	19650070278	NACA-TN-1070
Investigation of drag and static longitudinal and lateral stability characteristics of a 1/15-scale model of the grumman f11f-1f airplane at mach numbers of 1.56, 1.76, 2.06, and 2.53	Fournier, R. H.; Turner, K. L.	1-Jan-56	19660081993	NACA-RM-SL56K21
An investigation of the low-speed stability and control characteristics of a 1/10-scale model of the mc donnell xf3h-1 airplane	Draper, J. W.	1-Jan-51	19650073439	NACA-RM-SL51J12
An Investigation at Low Speed of the Spin Instability of Mortar-Shell Tails	Bird, John D.; Lichtenstein, Jacob H.	19-Jun-57	19630040480	NACA-RM-L57E09a
Static longitudinal and lateral stability characteristics including effects of transonic area rule and wing modification of a 0.10- scale model of the douglas a4d-1 airplane at transonic speeds	Bollech, T. V.; Wornom, D. E.	1-Jan-56	19650075692	NACA-RM-SL56G19
Some effects of aeroelasticity on the rolling effectiveness of a 10-percent-scale model of the mc donnell f-101a airplane wing at mach numbers from 0.5 to 1.2	English, R. D.	1-Jan-55	19660081968	NACA-RM-SL55I22A
Summary of NACA Research on Afterburners for Turbojet Engines	Fleming, W. A.; Gabriel, D. S.; Lundin, B. T.	23-Mar-56	19640056668	NACA-RM-E55L12
Surge-inception study in a two-spool turbojet engine	Lubick, R. J.; Saari, M. J.; Wallner, L. E.	1-Jan-56	19660087575	NACA-RM-E56F11
Summary of flight data obtained from 0.12- scale rocket-powered models of the chance vought regulus ii missile	Wineman, A. R.	1-Jan-58	19650073469	NACA-RM-SL58H11
Chemical and physical properties of a boron-carbon-hydrogen fuel z-244 /naca 55z8/	Buddie, M.; Cramer, P. M.; Spakowski, A. E.	27-Mar-56	19660087609	NACA-RM-E56B01
Low-speed wind-tunnel tests of a 1/8-scale model of the bell d-188a vtol airplane	Mc Kinney, M. O.; Smith, C. C., Jr.	25-Aug-58	19660084828	NACA-RM-SL58H15, NACA-AD-3147
The effects of extensible rocket racks on lift, drag, and stability of a 1/10 scale rocket-boosted model of the mc donnell xf3h-1 airplane for a mach number range of 0.60 to 1.34	Crabill, N. L.	16-Jun-53	19650073719	NACA-RM-SL53F15
FREE-SPINNING-TUNNEL TESTS OF A 1 20-SCALE MODEL OF THE MCDONNELL XF3H-1 AIRPLANE	Berman, T.	1-Jan-50	19630038249	NACA-RM-SL50I12
WIND-TUNNEL INVESTIGATION AT LOW-SPEED OF THE STATIC LATERAL AND LONGITUDINAL STABILITY CHARACTERISTICS OF A 1 10-SCALE MODEL OF THE DOUGLAS A4D-1 AIRPLANE	Fletcher, H. S.; Wolhart, W. D.	1-Jan-53	19630037794	NACA-RM-SL54H13

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TOTAL-PRESSURE-RECOVERY CHARACTERISTICS OF A MODEL OF THE MCDONNELL XF3H-1 INLETS AND FOREBODY IN A FREE JET AT A MACH NUMBER OF 1.55	Carter, H. S.; Merlet, C. F.	1-Jan-52	19630038251	NACA-RM-SL52C12
WIND-TUNNEL EXPERIMENTS CONCERNING THE DYNAMIC BEHAVIOR OF A LOW-SPEED SLOWLY SPINNING FIN-STABILIZED ROCKET	Bird, J. D.; Lichtenstein, J. H.	6-Jul-54	19630040481	NACA-RM-L54D22
Free-spinning-tunnel investigation of a 1/28-scale model of the north american fj-4 airplane	Healy, F. M.	1-Jan-58	19660082064	NACA-RM-SL58A29, NACA-AD-3112
WIND-TUNNEL INVESTIGATION AT LOW SPEED OF THE PITCHING STABILITY DERIVATIVES OF A 1 10-SCALE MODEL OF THE DOUGLAS A4D-1 AIRPLANE	Fletcher, H. S.; Wolhart, W. D.	1-Jan-54	19630037796	NACA-RM-SL54J27A
Tabulated pressure coefficients and aerodynamic characteristics measured in flight on the wing of the douglas d-558-i airplane for a 1 g stall, a speed run to a mach number of 0.90, and a wind-up turn at a mach number of 0.86	Keener, E. R.; Pierce, M.	15-Dec-50	19650068445	NACA-RM-L50J10
Transonic aerodynamic and trim characteristics of 1/15-scale models of the convair mx-1964 airplane with indented fuselage	Allis, A. E.; Foss, W. E., Jr.; Swihart, J. M.	1-Jan-53	19660083177	NACA-RM-SL54D14A
Reaction of fluorine with carbon as a means of fluorine disposal, research memorandum	Schmidt, H. W.	18-Jul-57	19650074770	NACA-RM-E57E02, AD-135702
Stability and control characteristics at low speed of a modified 1/10-scale model of the mx-1554a design	Lockwood, V. E.; Solomon, M.	1-Jan-53	19660081969	NACA-RM-SL53K25
Rocket-powered-model investigation of the effects of aeroelasticity on the rolling effectiveness of an 8.06-percent-scale mcdonnell f3h-1 airplane wing at mach numbers from 0.5 to 1.4	English, R. D.	12-Apr-54	19650073713	NACA-RM-SL54D12
Determination of rate, area, and distribution of impingement of waterdrops on various airfoils from trajectories obtained on the differential analyzer	Guibert, A. G.; Janssen, E.; Robbins, W. M.	16-Feb-49	19660081498	NACA-RM-9A05
Some transonic aerodynamic characteristics of a model similar to the mcdonnell f3h-2n airplane	Crabill, N. L.; Jackson, B. G.	15-May-56	19650073692	NACA RM-SL56E15
Wind-tunnel investigation of mutual interference loads on a supersonic bomber configuration and store during separation at mach numbers of 1.57, 1.77, and 2.01	Morris, O. G.; Turner, K. L.	25-Oct-57	19660081893	NACA-RM-SL57J16A
Supplementary investigation in the langley 20-foot free-spinning tunnel of a 1/20-scale model of the douglas f4d-1 airplane with external wing fuel tanks	Bowman, J. S., Jr.	1-Jan-57	19650073470	NACA-RM-SL57L19
Some flight data for the chance vought regulus ii missile	Wineman, A. R.	1-Jan-56	19650073442	NACA-RM-SL56D02
Measurement of distortion in second experimental control rod for argonne naval reactor with constant transverse temperature gradient and uniform longitudinal temperature distribution	Lietzke, A. F.; Nagey, T. F.	26-Sep-51	19660087610	NACA-RM-E51H10
Zero-lift drag of the chance vought regulus it missile at mach numbers between 0.8 and 2.2 as determined from the flight tests of two 0.12-scale models	Church, J. D.	27-Jul-54	19650073790	NACA-RM-SL54H02

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DE-ICING EFFECTIVENESS OF EXTERNAL ELECTRIC HEATERS FOR PROPELLER BLADES	Lewis, J. P.	1-Feb-48	19630040989	NACA-TN-1520
Wing pressure distributions over the lift range of the convair xf-92a delta-wing airplane at subsonic and transonic speeds	Jordan, G. H.; Keener, E. R.	30-Nov-55	19660080553	NACA-RM-H55G07
Theoretical performance of liquid ammonia and liquid fluorine as a rocket propellant	Gordon, S.; Huff, V. N.	16-Mar-53	19650074946	NACA-RM-E53A26, AD-4226
Preliminary free-jet performance of xjr43-ma-3 ram-jet engine at a mach number of 2.70	Campbell, C. E.; Welna, H. J.	1-Jan-55	19660081905	NACA-RM-E55D08
FREE-FLIGHT TESTS OF 0.11-SCALE CHANCE VOUGH XF8U-11 AIRPLANE WINGS TO INVESTIGATE THE POSSIBILITY OF FLUTTER IN THE TRANSONIC AND LOW SUPERSONIC SPEED RANGES	Okelly, B. R.	1-Jan-54	19630038248	NACA-RM-SL54J21
Material compatibility with gaseous fluorine	Douglass, H. W.; Price, H. G., Jr.	1-Jan-57	19650074951	NACA-RM-E56K21
FREE-SPINNING-TUNNEL INVESTIGATION TO DETERMINE THE EFFECT OF TWO NOSE DESIGNS ON SPIN AND RECOVERY CHARACTERISTICS OF A 1-20-SCALE MODEL OF THE MCDONNELL XF3H-1 AIRPLANE	Wilson, J. H.	1-Jan-51	19630038250	NACA-RM-SL51H21
Results of a power-on flight of a 1/10-scale rocket-propelled model of the convair xf2y-1 airplane at a mach number of 1.53	Bland, W. M., Jr.; Nelson, R. L.	1-Jan-53	19650075703	NACA-RM-SL53I30A
FREE-FLIGHT INVESTIGATION OF THE LOW-LIFT TRANSONIC AERODYNAMIC CHARACTERISTICS OF A 1 10-SCALE MODEL OF THE NORTHROP MX-775A WITH AN ALUMINUM-ALLOY WING HAVING LEADING-EDGE EXTENSIONS AND INBOARD TRAILING-EDGE FLAPS	Arbic, R. G.	1-Jan-54	19630037795	NACA-RM-SL54E10
Preliminary Results from Free-Jet Tests of a 48-Inch-Diameter Ram-Jet Combustor with an Annular-Piloted Baffle-Type Flameholder	Rayle, W. D.; Smith, I. D.; Wentworth, C. B.	11-May-55	19650073432	NACA-RM-E54K15
Supplementary free-spinning-tunnel investigation of a 1/20-scale model of the mc donnell f2h-3 airplane with external stores installed	Wilson, J. H.	1-Jan-52	19650073441	NACA-RM-SL52F02
Speed-brake investigation at low speed of a 1/10-scale model of the mx-1554a airplane with a circular jet nozzle	Solomon, M.	1-Jan-53	19660081971	NACA-RM-SL53L24
FREE-FLIGHT INVESTIGATION OF THE STABILITY CHARACTERISTICS OF 1 6-SCALE ROCKET-PROPELLED MODELS OF THE BELL MX-776	Parks, J. H.; Stevens, J. E.	1-Jan-53	19630037824	NACA-RM-SL54D24
The Effect of Blunt-Trailing-Edge Modifications on the High-Speed Stability and Control Characteristics of a Swept-Wing Fighter Airplane	Sadoff, Melvin; Matteson, Frederick H.; Van Dyke, Rudolph D., Jr.	26-May-54	19650075959	NACA-RM-A54C31
Theoretical performance of liquid hydrogen and liquid fluorine as a rocket propellant	Gordon, S.; Huff, V. N.	6-Feb-53	19650074945	NACA-RM-E52L11, AD-3625
Effects of Various Modifications on the Static Longitudinal Stability and Control Characteristics of a 0.065-Scale Model of the Chance Vought Regulus II Missile at a Mach Number of 2.01	Driver, C.; Robinson, R. B.	26-Sep-55	19650073715	NACA-RM-SL55I15

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Wind-tunnel investigation at low speed of the yawing stability derivatives of a 1/10-scale model of the douglas a4d-1 airplane	Fletcher, H. S.; Wolhart, W. D.	1-Jan-54	19650075702	NACA-RM-SL54I07
Performance Comparison at Mach Numbers 1.8 and 2.0 of Full Scale and Quarter Scale Translating-Spike Inlets	Anderson, B. H.; Dryer, M.; Hearth, D. P.	21-Oct-57	19640057037	NACA-RM-E57D16
AERODYNAMIC CHARACTERISTICS OF A 0.04956-SCALE MODEL OF THE CONVAIR F-102B AIRPLANE AT MACH NUMBERS OF 1.41, 1.61, AND 2.01	Driver, C.; Robinson, R. B.	1-Jan-56	19630038254	NACA-RM-SL56B16
Development of a supersonic area rule and an application to the design of a wing-body combination having high lift-to-drag ratios	Fischetti, T. L.; Whitcomb, R. T.	1-Jan-53	19650077235	NACA-RM-L53H31A
Stability and control characteristics at high subsonic speeds of a 1/30-scale model of the mx-1554a design	Lockwood, V. E.; Luoma, A. A.; Solomon, M.	1-Jan-53	19660081970	NACA-RM-SL53K12A
Drag and static stability at low lift of rocket-powered models of the convair mx-1626 airplane at mach numbers from 0.7 to 1.5	Hall, J. R.; Hopko, R. N.	11-Jun-53	19650073714	NACA-RM-SL53F09A
Full-scale wind-tunnel tests of a north american fj-3 airplane with a spoiler-slot- deflector lateral control system	Scallion, W. I.	1-Jan-56	19650075472	NACA-RM-SL56D18
Wind-tunnel investigation at low speed of the rolling stability derivatives of a 1/10-scale model of the douglas a4d-1 airplane	Fletcher, H. S.; Wolhart, W. D.	1-Jan-54	19650075701	NACA-RM-SL54I29
Static longitudinal and lateral stability and control characteristics of an 0.065-scale model of the chance vought regulus ii missile at mach numbers of 1.41, 1.61, and 2.01 research memorandum	Driver, C.; Robinson, R. B.; Spearman, M. L.	6-Jun-55	19650073693	NACA-RM-SL55E31
Theoretical performance of liquid hydrazine and liquid fluorine as a rocket propellant	Gordon, S.; Huff, V. N.	3-Jul-53	19650075351	NACA-RM-E53E12, AD-14599
Investigation of the low-speed flight characteristics of a 1/15-scale model of the convair XB-58 airplane	Paulson, J. W.	14-Nov-57	19660082009	NACA-RM-SL57K19
A review of naca research through 1954 on boron compounds as fuels for jet aircraft /project zip/	Breitwieser, R.; Gibbons, L. C.; Olson, W. T.	12-Apr-57	19650073882	NACA-RM-E55B01
Theoretical performance of mixtures of liquid ammonia and hydrazine as fuel with liquid fluorine as oxidant for rocket engines	Gordon, S.; Huff, V. N.	29-Jul-53	19650075349	NACA-RM-E53F08, AD-15617
Preliminary survey of airplane combat fire problem	Robert, L. A.	1-Jan-52	19660083009	NACA-RM-E52G21
COMBINED COMPRESSOR COOLANT INJECTION AND AFTERBURNING FOR TURBOJET THRUST AUGMENTATION	Fenn, D. B.; Huntley, S. C.; Useller, J. W.	16-Sep-54	19630002655	NACA-RM-E54G08
EXPERIMENTAL INVESTIGATION OF A HIGH SUBSONIC MACH NUMBER TURBINE HAVING HIGH ROTOR BLADE SUCTION-SURFACE DIFFUSION	Hauser, C. H.; Nusbaum, W. J.	20-Nov-56	19630002656	NACA-RM-E56I18
EMPIRICAL COOLING CORRELATION FOR AN EXPERIMENTAL AFTERBURNER WITH AN ANNULAR COOLING PASSAGE	Kaufman, H. R.; Koffel, W. K.	26-Jun-52	19630004883	NACA-RM-E52C13

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PERFORMANCE OF A BLUNT-LIP SIDE INLET WITH RAMP BLEED, BYPASS, AND A LONG CONSTANT-AREA DUCT AHEAD OF THE ENGINE- MACH NUMBERS 0.66 AND 1.5 TO 2.1	Allen, J. L.	28-Dec-56	19630004003	NACA-RM-E56J01
INVESTIGATION OF STATIC PRESSURES AND BOUNDARY-LAYER CHARACTERISTICS ON THE FORWARD PARTS OF NINE FUSELAGES OF VARIOUS CROSS-SECTIONAL SHAPES AT M INFINITY EQUAL 2.01	Hasel, L. E.; Kouyoumjian, W. L.	21-Jan-57	19630002657	NACA-RM-L56I13
EXPERIMENTAL SEA-LEVEL STATIC INVESTIGATION OF A SHORT AFTERBURNER	Harp, J. L., Jr.; Mallett, W. E.; Shillito, T. B.	11-May-54	19630004884	NACA-RM-E54B18
AERODYNAMIC LOADS ON AN EXTERNAL STORE ADJACENT TO AN UNSWEPT WING AT MACH NUMBERS BETWEEN 0.75 AND 1.96	Hadaway, W. M.	17-Feb-56	19630004004	NACA-RM-L55L07
ATTENUATION OF TANGENTIAL-PRESSURE OSCILLATIONS IN A LIQUID-OXYGEN -N- HEPTANE ROCKET ENGINE WITH LONGITUDINAL FINS	Priem, R. J.	28-Jun-56	19630004885	NACA-RM-E56C09
AERODYNAMICS OF MISSILES EMPLOYING WINGS OF VERY LOW ASPECT RATIO	Jorgensen, L. H.; Katzen, E. D.	5-Mar-56	19630004005	NACA-RM-A55L13B
FREE-FLIGHT INVESTIGATION AT TRANSONIC SPEEDS OF THE STABILITY CHARACTERISTICS OF A TAILLESS MISSILE CONFIGURATION HAVING A 45 DEG SWEEPBACK WING OF ASPECT RATIO 4	Arbic, R. G.	28-Aug-56	19630004110	NACA-RM-L56E11
EFFECT OF SEVERAL JET-ENGINE AIR-INLET CONFIGURATIONS ON THE LOW-SPEED STATIC LONGITUDINAL STABILITY CHARACTERISTICS AND QUANTITY FLOW OF A 1/6-SCALE MODEL OF THE MX-1764 AIRPLANE	Croom, D. R.	12-Jan-54	19630002886	NACA-RM-SL54A06
USE OF CONSTANT DIFFUSER MACH NUMBER AS A CONTROL PARAMETER FOR VARIABLE-GEOMETRY INLETS AT MACH NUMBERS OF 1.8 TO 2.0	Anderson, B. H.; Hearsh, D. P.	4-Nov-57	19630010605	NACA-RM-E57-G02
THE ORIGIN AND DISTRIBUTION OF SUPERSONIC STORE INTERFERENCE FROM MEASUREMENT OF INDIVIDUAL FORCES ON SEVERAL WING-FUSELAGESTORE CONFIGURATIONS. VI - SWEEP-WING HEAVY-BOMBER CONFIGURATION WITH STORES OF DIFFERENT SIZES AND SHAPES	Smith, N. F.	8-Mar-56	19630003993	NACA-RM-L55L08
INVESTIGATION OF AN AIR-COOLED, PLUG-TYPE, VARIABLE-AREA EXHAUST NOZZLE	Koffel, W. K.; Smolak, G. R.	10-Apr-57	19630004886	NACA-RM-E57A07
TOTAL-PRESSURE DISTORTION AND RECOVERY OF SUPERSONIC NOSE INLET WITH CONICAL CENTERBODY IN SUBSONIC ICING CONDITIONS	Gelder, T. F.	17-Sep-57	19630010645	NACA-RM-E57GO9
EFFECT OF CONTROL TRAILING-EDGE THICKNESS OR ASPECT RATIO ON THE OSCILLATING HINGE-MOMENT AND FLUTTER CHARACTERISTICS OF A FLAPTYPE CONTROL AT TRANSONIC SPEEDS	Moseley, W. C., Jr.; Thompson, R. F.	23-Apr-58	19630004006	NACA-RM-L58B25
AN ANALYSIS OF AIR-TURBOROCKET ENGINE PERFORMANCE INCLUDING EFFECTS OF COMPONENT CHANGES	Luidens, R. W.; Weber, R. J.	6-Apr-56	19630002648	NACA-RM-E55H04A
THEORETICAL INVESTIGATION OF THE PERFORMANCE OF PROPORTIONAL NAVIGATION GUIDANCE SYSTEMS-EFFECT OF METHOD OF POSITIONING THE RADAR ANTENNA ON THE SPEED OF RESPONSE	Abramovitz, M.	13-Aug-52	19630002663	NACA-RM-A52E27

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INVESTIGATION OF ADJUSTABLE SUPERSONIC INLET IN COMBINATION WITH J34 ENGINE UP TO MACH 2.0	Leissler, L. A.; Nettles, J. C.	15-Oct-54	19630004111	NACA-RM-E54H11
THE EFFECT OF SEVERAL JET-ENGINE AIR-INLET CONFIGURATIONS ON THE LOW-SPEED STATIC LATERAL STABILITY CHARACTERISTICS OF A 1 6- SCALE OF THE MX-1764 AIRPLANE	Croom, D. R.	4-Mar-54	19630002887	NACA-RM-SL54C12
ROCKET ENGINE STARTING WITH MIXED OXIDES OF NITROGEN AND LIQUID AMMONIA BY FLOW-LINE ADDITIVES	Hennings, G.; Humphrey, J. C.; Kinney, G. R.	19-Aug-53	19630002660	NACA-RM-E53F05
SUMMARY OF SUBSONIC-DIFFUSER DATA	Henry, J. R.; Wilbur, S. W.; Wood, C. C.	12-Oct-56	19630003986	NACA-RM-L56F05
INVESTIGATION OF A 0.6 HUB-TIP RADIUS-RATIO TRANSONIC TURBINE DESIGNED FOR SECONDARY-FLOW STUDY. III - EXPERIMENTAL PERFORMANCE WITH TWO STATOR CONFIGURATIONS DESIGNED TO ELIMINATE BLADE WAKES AND SECONDARY-FLOW EFFECTS AND CONCLUSIONS FROM ENTIRE STATOR INVESTIGATION	Moffitt, T. P.; Rohlik, H. E.; Wintucky, W. T.	17-Sep-57	19630002670	NACA-RM-E57G08
THE ORIGIN AND DISTRIBUTION OF SUPSONIC STORE INTERFERENCE FROM MEASUREMENT OF INDIVIDUAL FORCES ON SEVERAL WING-FUSELAGESTORE CONFIGURATIONS. V - SWEEP-WING HEAVY-BOMBER CONFIGURATION WITH LARGE STORE NACELLE. MACH NUMBER 2.01	Carlson, H. W.; Geier, D. J.	13-Feb-56	19630003994	NACA-RM-L55K15
EFFECT OF HINGE-LINE POSITION ON THE OSCILLATING HINGE MOMENTS AND FLUTTER CHARACTERISTICS OF A FLAP-TYPE CONTROL AT TRANSONIC SPEEDS	Moseley, W. C., Jr.; Thompson, R. F.	10-Jun-57	19630004887	NACA-RM-L57C11
PERFORMANCE OF AN ALL-INTERNAL CONICAL COMPRESSION INLET WITH ANNULAR THROAT BLEED AT MACH NUMBER 5.0	Obery, L. J.; Stitt, L. E.	6-Aug-58	19630008168	NACA-RM-E58E14
PERFORMANCE OF ISENTROPIC NOSE INLETS AT MACH NUMBER OF 5.6	Bernstein, H.; Haefeli, R. C.	6-May-54	19630003989	NACA-RM-E54B24
EFFECTS OF SECONDARY-AIR FLOW ON ANNULAR BASE FORCE OF A SUPERSONIC AIRPLANE	Vargo, D. J.	11-Oct-54	19630002649	NACA-RM-E54G28
INVESTIGATION OF EFFECT OF NUMBER AND WIDTH OF ANNULAR FLAMEHOLDER GUTTERS ON AFTERBURNER PERFORMANCE	Bryant, L.; Henzel, J. G., Jr.	3-Jun-54	19630006357	NACA-RM-E54C30
LOW-TEMPERATURE CHEMICAL STARTING OF A 200-POUND-THRUST JP-4 - NITRIC ACID ROCKET ENGINE USING A THREE-FLUID PROPELLANT VALVE	Hennings, G.; Morrell, G.	30-Jun-55	19630002664	NACA-RM-E55E04
TURBOJET PERFORMANCE AND OPERATION AT HIGH ALTITUDES WITH HYDROGEN AND JP-4 FUELS	Chelko, L. J.; Fleming, W. A.; Harp, J. L., Jr.; Kaufman, H. R.	7-Aug-56	19630003031	NACA-RM-E56E14
BOUNDARY-LAYER DISPLACEMENT EFFECTS IN AIR AT MACH NUMBERS OF 6.8 AND 9.6	Bertram, M. H.	1-Jan-59	19630005886	NASA-TR-R-22, NACA-TN-4133
PERFORMANCE OF A SHORT TURBOJET COMBUSTOR WITH HYDROGEN FUEL IN A QUARTER-ANNULUS DUCT AND COMPARISON WITH PERFORMANCE IN A FULL-SCALE ENGINE	Friedman, R.; Jones, R. E.; Norgren, C. T.	2-Jul-56	19630002653	NACA-RM-E56D16

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LATERAL-CONTROL CHARACTERISTICS AND DIHEDRAL EFFECT OF A WINGBODY COMBINATION WITH A VARIABLE-INCIDENCE TRIANGULAR WING AND WING-TIP AILERONS AT A MACH NUMBER OF 1.52	Dennis, D. H.; Scherrer, R.	10-Jan-51	19630002661	NACA-RM-A50H10
THE ORIGIN AND DISTRIBUTION OF SUPERSONIC STORE INTERFERENCE FROM MEASUREMENT OF INDIVIDUAL FORCES ON SEVERAL WING-FUSELAGESTORE CONFIGURATIONS. 1.-SWEPT-WING HEAVY-BOMBER CONFIGURATION WITH LARGE STORE NACELLE . LIFT AND DRAG, MACH NUMBER, 1.61	Carlson, H. W.; Smith, N. F.	11-Mar-55	19630003984	NACA-RM-L55A13A
AN INVESTIGATION OF THE EFFECT OF TARGET TEMPERATURE ON PROJECTILE PENETRATION AND CRATERING	Kinard, W. H.; Lambert, C. H., Jr.	28-Jul-58	19630008166	NACA-RM-L58E14
COMBUSTION PERFORMANCE OF TWO EXPERIMENTAL TURBOJET ANNULAR COMBUSTORS AT CONDITIONS SIMULATING HIGH-ALTITUDE SUPERSONIC FLIGHT	Mark, H.; Norgren, C. T.; Zettle, E. V.	26-Mar-54	19630003987	NACA-RM-E54A15
INVESTIGATION OF A 0.6 HUB-TIP RADIUS-RATIO TRANSONIC TURBINE DESIGNED FOR SECONDARY-FLOW STUDY. II - DESIGN AND EXPERIMENTAL PERFORMANCE OF TURBINE WITH LOW-VELOCITY-TURNING STATOR AND STANDARD ROTOR	Rohlik, H. E.; Scibbe, H. W.; Wintucky, W. T.	18-Jul-57	19630002671	NACA-RM-E57E09
THE ORIGIN AND DISTRIBUTION OF SUPERSONIC STORE INTERFERENCE FROM MEASUREMENT OF INDIVIDUAL FORCES ON SEVERAL WINGFUSELAGE-STORE CONFIGURATIONS. IV.-DELTA-WING HEAVY-BOMBER CONFIGURATION WITH LARGE STORE. MACH NUMBER, 1.61	Morris, O. A.	15-Dec-55	19630003995	NACA-RM-L55I27a
TRACKING PERFORMANCE OF A SWEPT-WING FIGHTER WITH A DIRECTORTYPE RADAR FIRE-CONTROL SYSTEM AND SCOPE PRESENTATION	Heinle, D. R.; Rathert, G. A.; Turner, H. L.	20-Jan-58	19630002627	NACA-RM-A57J01
THE ORIGIN AND DISTRIBUTION OF SUPERSONIC STORE INTERFERENCE FROM MEASUREMENT OF INDIVIDUAL FORCES ON SEVERAL WING-FUSELAGESTORE CONFIGURATIONS. III - SWEPT-WING FIGHTER-BOMBER CONFIGURATION WITH LARGE AND SMALL STORES. MACH NUMBER, 1.61	Carlson, H. W.; Smith, N. F.	15-Sep-55	19630003997	NACA-RM-L55H01
DYNAMIC LATERAL BEHAVIOR OF HIGH-PERFORMANCE AIRCRAFT	Moul, M. T.; Paulson, J. W.	6-Aug-58	19630008169	NACA-RM-L58E16
HEAT TRANSFER IN REGIONS OF SEPARATED AND REATTACHED FLOWS	Crawford, D. H.; Rumsey, C. B.	10-Jun-57	19630002771	NACA-RM-L57D25B
AN ANALYSIS OF A NUCLEAR POWERED SUPERCRITICAL-WATER CYCLE FOR AIRCRAFT PROPULSION	Karp, I. M.	1-Jan-52	19630003317	NACA-RM-E53D29
PERFORMANCE CHARACTERISTICS OF SEVERAL DIVERGENT-SHROUD AIRCRAFT EJECTORS	Beale, W. T.; Greathouse, W. K.	8-Sep-55	19630002632	NACA-RM-E55G21A
ROCKET-MODEL INVESTIGATION OF THE ROLLING EFFECTIVENESS OF A FIGHTER-TYPE WING-CONTROL CONFIGURATION AT MACH NUMBERS FROM	Marley, E. T.; Strass, H. K.	25-Feb-52	19630003990	NACA-RM-L51128
THE DESIGN AND CASCADE TESTS OF FREE-STREAMLINE AND FULL-CONTOUR 160 DEG TURNING SUPERSONIC-TURBINE-BLADE SECTIONS	Westphal, W. R.	16-Aug-57	19630002645	NACA-RM-L57F21

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PUMPING CHARACTERISTICS FOR SEVERAL SIMULATED VARIABLEGEOMETRY EJECTORS WITH HOT AND COLD PRIMARY FLOW	Allen, J. L.	8-Sep-54	19630002650	NACA-RM-E54G15
ANALYSIS OF THE LIQUID-METAL TURBOJET CYCLE FOR PROPULSION OF NUCLEAR POWERED AIRCRAFT	Rom, F. E.; Wachtl, W. W.	19-Nov-51	19630008109	NACA-RM-E51D30
Approximate Solutions for the Flow About Flat-Top Wing-Body Configurations at High Supersonic Airspeeds	Savin, Raymond C.	15-Sep-58	19630002629	NACA-RM-A58F02
NONUNIFORM BURNUP AND POISONING EFFECTS IN A REACTOR AND VALIDITY OF UNIFORM APPROXIMATION	Spooner, R. B.	9-Mar-53	19630003405	NACA-RM-E53D20
WIND-TUNNEL TESTS OF THE STATIC LONGITUDINAL CHARACTERISTICS AT LOW SPEED OF A SWEEP-WING AIRPLANE WITH BLOWING FLAPS AND LEADING-EDGE SLATS	James, H. A.; Maki, R. L.	5-Apr-57	19630003231	NACA-RM-A57D11
PERFORMANCE OF A SHORT COMBUSTOR AT HIGH ALTITUDES USING HYDROGEN FUEL	Fenn, D. B.; Sivo, J. N.	7-Aug-56	19630006358	NACA-RM-E56D24
Free-Flight Aerodynamic-Heating Data at Mach Numbers up to 10.9 on a Flat-Faced Cylinder	Bland, W. M., Jr.; Kolenkiewicz, R.; Swanson, A. G.	13-Jan-58	19630003999	NACA-RM-L57K29
LIQUID HYDROGEN AS A JET FUEL FOR HIGH-ALTITUDE AIRCRAFT	Hall, E. W.; Silverstein, A.	15-Apr-55	19630002665	NACA-RM-E55C28A
INVESTIGATION OF AN AFTERBURNING RAMJET USING GASEOUS HYDROGEN AS FUEL AT MACH NUMBER OF 3.0	Wasserbauer, J. F.	17-Jun-57	19630003032	NACA-TM-E57C29
FULL-SCALE EVALUATION OF SOME FLAMEHOLDER DESIGN CONCEPTS FOR HIGH-INLET-VELOCITY AFTERBURNERS	Braithwaite, W. M.; Prince, W. R.; Velie, W. W.	28-Jun-56	19630002634	NACA-RM-E56D10
Aerodynamics of Oscillating Control Surfaces at Transonic Speeds	Clevenson, S. A.; Thompson, R. F.	17-Jun-57	19630006361	NACA-RM-L57D22B
ALTITUDE INVESTIGATION OF CAN-TYPE FLAME HOLDER IN 20-INCHDIAMETER RAM-JET COMBUSTOR	Smolak, G. R.; Wentworth, C. B.	3-Jun-54	19630002654	NACA-RM-E54D08
EFFECT OF DISSOCIATION ON EXHAUST-NOZZLE PERFORMANCE	Reynolds, T. W.	11-Jun-58	19630004002	NACA-RM-E58C25
THE ORIGIN AND DISTRIBUTION OF SUPERSONIC STORE INTERFERENCE FROM MEASUREMENT OF INDIVIDUAL FORCES ON SEVERAL WING-FUSELAGE-STORE CONFIGURATIONS. II - SWEEP-WING HEAVY-BOMBER CONFIGURATION WITH LARGE STORE NACELLE. LATERAL FORCES AND PITCHING MOMENTS, MACH NUMBER, 1.61	Carlson, H. W.; Smith, N. F.	6-Jul-55	19630003992	NACA-RM-L55E26A
PERFORMANCE OF VARIABLE TWO-DIMENSIONAL INLET DESIGNED FOR ENGINE-INLET MATCHING. I - PERFORMANCE AT DESIGN MACH NUMBER OF 3.07	Beheim, M. A.; Gertsma, L. W.	20-Nov-56	19630002647	NACA-RM-E56H23
CALCULATED PERFORMANCE OF A MERCURY-COMPRESSOR-JET POWERED AIRPLANE USING A NUCLEAR REACTOR AS AN ENERGY SOURCE	Doyle, R. B.	26-Sep-51	19630002662	NACA-RM-E51F14
INFLUENCE OF AUTOMATIC CONTROL OF ROLL COUPLING AND PITCH-UP ON TAIL LOADS	Stone, R. W., Jr.	17-Jun-57	19630008164	NACA-RM-L57D18A

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PERFORMANCE AT MACH NUMBERS 3.07, 1.89, AND 0 OF INLETS DESIGNED FOR INLET-ENGINE MATCHING UP TO MACH 3	Beheim, M. A.; Gertsma, L. W.	20-May-58	19630003985	NACA-RM-E58B13
STATIC STABILITY AND CONTROL OF HYPERSONIC GLIDERS	Rainey, R. W.	7-Jul-58	19630008167	NACA-RM-L58E12A
WIND-TUNNEL INVESTIGATION AT SUBSONIC AND SUPERSONIC SPEEDS OF A MODEL OF A TAILLESS FIGHTER AIRPLANE EMPLOYING A LOW-ASPECT-RATIO SWEPT-BACK WING-STABILITY AND CONTROL	Smith, W. G.	12-Jan-53	19630003988	NACA-RM-A52J30
Experimental Study of Ballistic-Missile Base Heating with Operating Rocket	Nettle, J. Cary	23-Sep-58	19630002815	NACA-RM-E58G17
PERFORMANCE OF A SINGLE FUEL-VAPORIZING COMBUSTOR WITH SIX INJECTORS ADAPTED FOR GASEOUS HYDROGEN	Smith, A. L.; Wear, J. D.	30-Nov-59	19630002652	NACA-RM-E55I14
PERFORMANCE OF AN INLET HAVING A VARIABLE-ANGLE TWO-DIMENSIONAL COMPRESSION SURFACE AND A FIXED-GEOMETRY SUBSONIC DIFFUSER FOR APPLICATION TO REDUCED ENGINE ROTATIVE SPEEDS- MACH NUMBERS 0.66, 1.5, 1.7, AND 2.0	Allen, J. L.	30-Jan-58	19630003996	NACA-RM-E57J02
SIMULATED FLIGHT INVESTIGATION OF SCALED-SPEED ELASTIC SWEPTWING BOMBER AND FIGHTER MODELS COUPLED WING TIP TO WING TIP	Thompson, R. F.	14-Feb-56	19630002644	NACA-RM-L55J24
A FLIGHT STUDY OF THE EFFECTS OF NOISE FILTERING IN THE ATTACK DISPLAY ON THE PILOT'S TRACKING PERFORMANCE	Heinle, D. R.; Turner, H. L.	20-Sep-58	19630002628	NACA-RM-A58E21
LOCAL HEAT TRANSFER TO BLUNT NOSES AT HIGH SUPERSONIC SPEEDS	Stoney, W. E., Jr.	12-Jul-57	19630002772	NACA-RM-L57D25C
AERODYNAMIC CHARACTERISTICS OF TWO RECTANGULAR-PLAN-FORM, ALLMOVABLE CONTROLS IN COMBINATION WITH A SLENDER BODY OF REVOLUTION AT MACH NUMBERS FROM 3.00 TO 6.25	Gloria, H. R.; Wong, T. J.	28-Dec-55	19630003238	NACA-RM-A55J07
EFFECT OF COMBUSTION GAS PROPERTIES ON TURBOJET-ENGINE PERFORMANCE WITH HYDROGEN AS FUEL	English, R. E.	10-Apr-56	19630002633	NACA-RM-E55J17A
AN ANALOG STUDY OF THE INFLUENCE OF INTERNAL MODIFICATIONS TO A WING LEADING EDGE ON ITS TRANSIENT TEMPERATURE RISE DURING HIGHSPEED FLIGHT	Neel, C. B.	17-Mar-58	19630004001	NACA-RM-A57K21
FREE-FLIGHT TESTS OF 45 DEG SWEPT WINGS OF ASPECT RATIO 3.15 AND TAPER RATIO 0.54 TO MEASURE WING DAMPING OF THE FIRST BENDING MODE AND TO INVESTIGATE THE POSSIBILITY OF FLUTTER AT TRANSONIC SPEEDS	Lauten, W. T., Jr.; Lundstrom, R. R.; Okelly, B. R.	12-Oct-54	19630003991	NACA-RM-L54C22
PERFORMANCE OF A SUPERSONIC RAMP-TYPE SIDE INLET WITH RAM-SCOOP THROAT BLEED AND VARYING FUSELAGE BOUNDARY-LAYER REMOVAL MACH NUMBER RANGE 1.5 TO 2.0	Campbell, R. C.; Mitchell, G. A.	17-Jan-57	19630002646	NACA-RM-E56I26
COMPARISON OF INJECTORS WITH A 200-POUND-THRUST AMMONIA-OXYGEN ENGINE	Clark, B. J.; Priem, R. J.	4-Sep-58	19630002668	NACA-RM-E57H01
SIMPLIFIED THEORY FOR DYNAMIC RELATION OF RAMJET PRESSURES AND FUEL FLOW	Hurrell, H. G.	21-Oct-57	19630002651	NACA-RM-E57I13

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THRUST AND PUMPING CHARACTERISTICS OF A SERIES OF EJECTORTYPE EXHAUST NOZZLES AT SUBSONIC AND SUPERSONIC FLIGHT SPEEDS	Hearth, D. P.; Valerino, A. S.	17-Nov-54	19630002630	NACA-RM-E54H19
A WIND-TUNNEL INVESTIGATION OF THE WING LOADS DUE TO DEFLECTED INBOARD AILERONS ON A 45 DEG SWEEPBACK WING AT TRANSONIC SPEEDS	Heath, A. R., Jr.; Igoe, A. W.	21-Jul-58	19630003035	NACA-RM-L58E12
FORCE AND PRESSURE MEASUREMENTS ON SEVERAL CANOPY-FUSELAGE CONFIGURATIONS AT MACH NUMBERS 1.41 AND 2.01	Robins, A. W.	15-Dec-55	19630002643	NACA-RM-L55H23
EFFECT OF FUEL INJECTORS AND LINER DESIGN ON PERFORMANCE OF AN ANNULAR TURBOJET COMBUSTOR WITH VAPOR FUEL	Childs, J. H.; Norgren, C. T.	6-Apr-53	19630004000	NACA-RM-E53B04
FLIGHT INVESTIGATION OF PENTABORANE FUEL IN 9.75-INCH-DIAMETER RAM-JET ENGINE WITH DOWNSTREAM FUEL INJECTION	Disher, J. H.; Jones, M. L.	22-Apr-57	19630002667	NACA-RM-E55G01
IN-FLIGHT GAINS REALIZED BY MODIFYING A TWIN SIDE-INLET INDUCTION SYSTEM	Saltzman, E. J.	12-Dec-57	19630002642	NACA-RM-H57J09
PERFORMANCE OF PENTABORANE, PENTABORANE - JP-4 FUEL MIXTURES, AND TRIMETHYLBORATE AZEOTROPE FUEL IN A FULL-SCALE TURBOJET ENGINE	Breitwieser, R.; Useller, J. W.	20-Nov-56	19630002666	NACA-RM-E56G19
EXPLORATORY INVESTIGATION OF PERFORMANCE OF EXPERIMENTAL FUEL-RICH HYDROGEN COMBUSTION SYSTEM	Grobman, J. S.; Smith, A. L.	25-Jun-58	19630003033	NACA-RM-E58C19A
Off-Design Performance of Divergent Ejectors	Beheim, M. A.	30-Sep-58	19630002641	NACA-RM-E58G10A, AD0224447
A DESIGN AND PERFORMANCE STUDY OF THE NUCLEAR DIRECT-AIR-CYCLE SUPERSONIC AIRPLANE, INCLUDING THE EFFECTS OF OPERATING TEMPERATURES AND FUEL PLATE MATERIAL AND THICKNESS	Manson, S. V.; Wachtl, W. W.	1-Mar-53	19630008768	NACA-RM-E53C18
Investigation of Rotating-Stall Limits in a Supersonic Turbofan Engine	Dugan, J. F.	3-Oct-57	19630002638	NACA-RM-E57G26A, AD0144847
EXPERIMENTAL INVESTIGATION OF A 7-INCH-TIP-DIAMETER TRANSONIC TURBINE	Whitney, W. J.; Wintucky, W. T.	16-Jan-58	19630007590	NACA-RM-E57J29
ANALYTICAL INVESTIGATION OF FUEL-COOLED TURBINE BLADES WITH RETURN-FLOW TYPE OF FINNED COOLANT PASSAGES	Nachtigall, A. J.; Slone, H. O.	26-Jun-57	19630002636	NACA-RM-E57D03
A STUDY OF INJECTION PROCESSES FOR 15-PERCENT FLUORINE-85- PERCENT OXYGEN AND HEPTANE IN A 200-POUND-THRUST ROCKET ENGINE	Heidmann, M. F.	15-Jan-57	19630002635	NACA-RM-E56J11
HEAT-TRANSFER MEASUREMENTS ON A CONCAVE HEMISPHERICAL NOSE SHAPE WITH UNSTEADY-FLOW EFFECTS AT MACH NUMBERS OF 1.98 AND 4.95	Beckwith, I. E.; Cooper, M.; Gallagher, J. J.; Jones, J. J.	17-Jul-58	19630006365	NACA-RM-L58D25A
CALCULATION OF EXTERNAL-STORE LOADS AND CORRELATION WITH EXPERIMENT	Bobbitt, P. J.; Carlson, H. W.; Pearson, A. O.	29-Jul-57	19630006364	NACA-RM-L57D30A
Factors Affecting Loads at Hypersonic Speeds	Bertram, Mitchel H.; Henderson, Arthur, Jr.	19-Jun-57	19630006362	NACA-RM-L57D25A
Preliminary report on experimental investigation of engine dynamics and controls for a 48-inch ramjet engine	Dunbar, W. R.; Hart, C. E.; Vasu, G.	16-Mar-56	19670022216	NACA-RM-E55J12
Aerodynamic Forces and Moments on a Large Ogive-Cylinder Store at Various Locations Below the Fuselage Center Line of a Swept-Wing Bomber Configuration at a Mach Number of 1.61	Morris, O. A.	14-Jan-57	19650003116	NACA-RM-L56I25

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Experimental and Analytical Investigation of the Transonic and Supersonic Divergence Characteristics of a Delta-Plan-Form All- Movable Control	Rainey, A. G.; Hanson, P. W.; Martin, D. J.	4-Aug-58	19650013735	NACA-RM-L58E07
Hydrodynamic characteristics of a model of a proposed six-engine hull-type seaplane designed for supersonic flight	Coffee, C. W., Jr.	14-Jul-58	19670022636	NACA-RM-L58E13
A comparison of flight-measured carrier- approach speeds with values predicted by several different criteria for 41 fighter-type airplane configurations	Drinkwater, F. J., III; Schlaff, B. A.; White, M. D.	8-May-58	19670022400	NACA-RM-A57L11
Results of the flight test of a 0.13-scale rocket-boosted model of the McDonnell F4H-1 airplane between Mach numbers of 0.20 and 1.90	Dickens, W. L.; Hastings, E. C., Jr.	8-Nov-57	19710076496	NACA-RM-SL57K20, NACA-AD-3115
Investigation of the vibrations of a hollow thin-walled rectangular beam	Kordes, Eldon E.; Kruszewski, Edwin T.	1-Oct-55	19950002637	NASA-TM-110464, NAS 1.15:110464, NACA-TN-3463
An Empirical Method Permitting Rapid Determination of the Area, Rate and Distribution of Water-Drop Impingement on an Airfoil of Arbitrary Section at Subsonic Speeds	Bergrun, N. R.	1-Sep-51	19810068677	NACA-TN-2476
Observations of icing conditions encountered in flight during 1948	Lewis, W.; Hoecker, W. H., Jr.	1-Jun-49	19810068853	NACA-TN-1904
A method for numerically calculating the area and distribution of water impingement on the leading edge of an airfoil in a cloud	Bergrun, N. R.	1-Aug-47	19810068678	NACA-TN-1397
A further investigation of the meteorological conditions conducive to aircraft icing	Lewis, W.; Kline, D. B.; Steinmetz, C. P.	1-Oct-47	19810068854	NACA-TN-1424
Analysis of a liquid-metal turbine-propeller cycle for propulsion of low-speed nuclear-powered aircraft	Rom, F. E.; Wachtl, W. W.	27-May-52	19710064913	NACA-RM-E52D02
Impingement of Water Droplets on an NACA 65(sub 1) -212 Airfoil at an Angle of Attack of 4 Deg	Brun, Rinaldo J.; Serafini, John S.; Moshos, George J.	10-Sep-52	19810068679	NACA-RM-E52B12
Preliminary Survey of Icing Conditions Measured During Routine Transcontinental Airline Operation	Perkins, Porter J.	16-Dec-52	19810068855	NACA-RM-E52J06
Determination of rate, area, and distribution of impingement of of waterdrops on various airfoils from trajectories obtained on the differential analyzer	Guibert, A. G.; Janssen, E.; Robbins, W. M.	16-Feb-49	19810068686	NACA-RM-9A05
Impingement of Water Droplets on NACA 65A004 Airfoil at 0 Deg Angle of Attack	Brun, Rinaldo J.; Vogt, Dorothea E.	1-Nov-55	19810068696	NACA-TN-3586
Photomicrographic Investigation of Spontaneous Freezing Temperatures of Supercooled Water Droplets	Dorsch, R. G.; Hacker, P. T.	1-Jul-50	19810068862	NACA-TN-2142
Wind-tunnel investigation of a 1/6-scale model of the Bumblebee XPM missile at high subsonic speeds	Nelson, W. H.	11-Dec-50	19710064914	NACA-RM-A50I11
Impingement of Droplets in 90 deg Elbows with Potential Flow	Hacker, Paul T.; Brun, Rinaldo J.; Boyd, Bemrose	1-Sep-53	19810068680	NACA-TN-2999
Preliminary Results of Cyclical De-Icing of a Gas-Heated Airfoil	Gray, V. H.; Bowden, D. T.; VonGlahn, U.	24-Jan-52	19810068710	NACA-RM-E51J29
A Method for Determining Cloud-Droplet Impingement on Swept Wings	Dorsch, Robert G.; Brun, Rinaldo J.	1-Apr-53	19810068687	NACA-TN-2931
Preliminary analysis of hydrogen-rich hypersonic ramjet operation	Breitwieser, R.; Morris, J. F.	29-May-59	19710066796	NACA-RM-E57H27

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On the design of airfoils in which the transition of the boundary layer is delayed	Tani, I.	1-Oct-52	19780078523	NASA-TM-79841, NACA-TM-1351
Investigation of flow coefficient of circular, square, and elliptical orifices at high pressure ratios	Callaghan, E. E.; Bowden, D. T.	1-Sep-49	19810068720	NACA-TN-1947
Experimental and theoretical studies of area suction for the control of the laminar boundary layer on a porous bronze NACA 64A010 airfoil	Burrows, D. L.	1-Jul-49	19780078553	NASA-TM-79871, NACA-TN-1905
Investigations of slot configurations for film-cooled turbine blades by flow visualization methods	Eckert, E. R. G.; Jackson, T. W.; Francisco, A. C.	10-Oct-50	19730065474	NACA-RM-E50K01, REPT-2043
Experimental Values of the Surface Tension of Supercooled Water	Hacker, P. T.	1-Oct-51	19810068863	NACA-TN-2510
Altitude free-jet investigation of dynamics of a 28-inch-diameter ram-jet engine	Crowl, R. J.; Dunbar, W. R.; Wentworth, C. B.	15-Jan-57	19710065535	NACA-RM-E56F28B
The effect of compressor-inlet water injection on engine and afterburner performance	Jones, W. L.; Sivo, J. N.; Wanhainen, J. P.	22-Jul-58	19710064915	NACA-RM-E58D03B
Heat exchanger core weights for use with hydrogen expansion turbine	Reynolds, T. W.	3-Oct-57	19710069798	NACA-RM-E57H09
Icing Frequencies Experienced During Climb and Descent by Fighter-Interceptor Aircraft	Perkins, Porter J.	1-Jul-58	19810068857	NACA-TN-4314
Preliminary Investigation of Cyclic De-Icing of an Airfoil Using an External Electric Heater	Lewis, James P.; Bowden, Dean T.	4-Feb-52	19810068711	NACA-RM-E51J30
A probability analysis of the meteorological factors conducive to aircraft icing in the United States	Lewis, W.; Bergrun, N. R.	1-Jul-52	19810068847	NACA-TN-2738
Investigations on reductions of friction on wings, in particular by means of boundary layer suction	Pfenninger, W.	1-Aug-47	19780078524	NASA-TM-79842, NACA-TM-1181
Stability of ballistic reentry bodies	Bird, J. D.; Reese, D. E., Jr.	11-Aug-58	19710066224	NACA-RM-L58E02A
General Correlation of Temperature Profiles Downstream of a Heated Air Jet Directed at Various Angles to Air Stream	Ruggeri, Robert S.	1-Dec-52	19810068721	NACA-TN-2855
Experimental investigation of an NACA 64A010 airfoil section with 41 suction slots on each surface for control of laminar boundary layer	Burrows, D. L.; Schwartzberg, M. A.	1-Apr-52	19780078554	NASA-TM-79827, NACA-TN-2644
A Photographic Study of Freezing of Water Droplets Falling Freely in Air	Dorsch, Robert G.; Levine, Joseph	25-Feb-52	19810068864	NACA-RM-E51L17
A fibrous-glass compact as a permeable material for boundary-layer-control applications using area suction	Dannenberg, R. E.; Weiberg, J. A.; Gambucci, B. J.	1-Jan-55	19780078541	NASA-TM-79824, NACA-TN-3388
Aerodynamic characteristics of a 45 deg swept wing fighter airplane model and aerodynamic loads on adjacent stores and missiles at Mach numbers of 1.57, 1.87, 2.16, and 2.53	Oehman, W. I.; Turner, K. L.	24-Jun-58	19710067350	NACA-RM-L58C17
A method for estimating heat requirements for ice prevention gas heated hollow propeller blades	Gray, V. H.; Campbell, R. G.	1-Dec-47	19810068622	NACA-TN-1494
Organophosphorus compounds in rocket-engine applications	Hennings, G.; Ladanyi, D. J.	2-Apr-54	19710064916	NACA-RM-E54A26
Altitude chamber evaluation of an aircraft liquid hydrogen fuel system used with a turbojet engine	Algranti, J. S.; Braithwaite, W. M.; Fenn, D. B.	19-Aug-57	19710069799	NACA-RM-E57F13A

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Impingement of Water Droplets on NACA 65A004 Airfoil and Effect of Change in Airfoil Thickness from 12 to 4 Percent at 4 deg Angle of Attack	Brun, Rinaldo J.; Gallagher, Helen M.; Vogt, Dorothea E.	1-Nov-53	19810068682	NACA-TN-3047
Analysis of Meteorological Data Obtained During Flight in a Supercooled Stratiform Cloud of High Liquid-Water Content	Perkins, Porter J.; Kline, Dwight B.	11-Jul-51	19810068858	NACA-RM-E51D18
Investigation of Heat Transfer from a Stationary and Rotating Conical Forebody	Ruggeri, Robert S.; Lewis, James P.	1-Oct-57	19810068706	NACA-TN-4093
Preliminary Data on Rain Deflection from Aircraft Windshields by Means of High-Velocity Jet-Air Blast	Ruggeri, Robert S.	25-Jul-55	19810068716	NACA-RM-E55E17a
The effects of body vortices and the wing shock-expansion field on the pitch-up characteristics of supersonic airplanes	Nielsen, J. N.	24-Mar-58	19710065531	NACA-RM-A57L23
Comparison of Heat Transfer from Airfoil in Natural and Simulated Icing Conditions	Gelder, Thomas F.; Lewis, James P.	1-Sep-51	19810068712	NACA-TN-2480
NACA Conference on High-Speed Aerodynamics A compilation of papers presented		1-Jan-58	19710069971	NACA-TM-X-67369
Impingement of Water Droplets on an Ellipsoid with Fineness Ratio 5 in Axisymmetric Flow	Dorsch, Robert G.; Brun, Rinaldo J.; Gregg, John L.	1-Mar-54	19810068689	NACA-TN-3099
Droplet Impingement and Ingestion by Supersonic Nose Inlet in Subsonic Tunnel Conditions	Gelder, Thomas F.	1-May-58	19810068699	NACA-TN-4268
Altitude performance of a 20-inch-diameter ram-jet engine investigated in a free-jet facility at Mach number 3.0	Smolak, G. R.; Wentworth, C. B.	1-Jan-52	19710065195	NACA-RM-E52K24
Experimental investigation of effect of spike- tip and cowl-lip blunting on the internal performance of a two-cone cylindrical-cowl inlet at mach number 4.95	Weston, K. C.	23-Sep-58	19710066798	NACA-RM-E58G02
Effect of Ice Formations on Section Drag of Swept NACA 63A-009 Airfoil with Partial-Span Leading-Edge Slat for Various Modes of Thermal Ice Protection	VonGlahn, Uwe H.; Gray, Vernon H.	15-Mar-54	19810068585	NACA-RM-E53J30
Investigation at Mach number 1.91 of spreading characteristics of jet expanding from choked nozzles	Rousso, M. D.; Baughman, L. E.	11-Feb-52	19730065446	NACA-RM-E51L19
A summary of meteorological conditions associated with aircraft icing and a proposed method of selecting design criteria for ice-protection equipment	Hacker, P. T.; Dorsch, R. G.	1-Nov-51	19810068848	NACA-TN-2569
Investigations relating to the extension of laminar flow by means of boundary-layer suction through slots	Loftin, L. K., Jr.; Burrows, D. L.	1-Oct-49	19780078525	NASA-TM-79862, NACA-TN-1961
Wind tunnel investigation at high subsonic speeds of drag at 0 deg angle of attack of swept-wing fuselage models with pylon mounted and semisubmerged missiles	King, T. J., Jr.	8-Oct-56	19710066225	NACA-RM-L56G19A
A General Correlation of Temperature Profiles Downstream of a Heated-Air Jet Directed Perpendicularly to an Air Stream	Callaghan, E. E.; Ruggeri, R. S.	1-Sep-51	19810068722	NACA-TN-2466
On the permeability of porous materials	Yates, E. C., Jr.	1-Jan-56	19780078611	NASA-TM-79825, NACA-TN-3596

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Maximum Evaporation Rates of Water Droplets Approaching Obstacles in the Atmosphere Under Icing Conditions	Lowell, H. H.	1-Oct-53	19810068865	NACA-TN-3024
An Investigation Utilizing an Electrical Analogue of Cyclic Deicing of a Hollow Steel Propeller with an External Blade Shoe	Neel, Carr B., Jr.	1-Dec-52	19810068623	NACA-TN-2852
Hydrogen for turbojet and ramjet powered flight		26-Apr-57	19710069800	NACA-RM-E57D23
True Airspeed Measurement by Ionization-Tracer Technique	Boyd, B.; Dorsch, R. G.; Brodie, G. H.	21-Jul-52	19740072458	NACA-RM-E52C31, E-2314
Impingement of water droplets on NACA 65(1)-208 and 65(1)-212 airfoils at 4 degrees angle of attack	Brun, R. J.; Gallagher, H. M.; Vogt, D. E.	1-May-53	19810068683	NACA-TN-2952
A Dye-Tracer Technique for Experimentally Obtaining Impingement Characteristics of Arbitrary Bodies and a Method for Determining Droplet Size Distribution	VonGlahn, Uwe H.; Gelder, Thomas F.; Smyers, William H., Jr.	1-Mar-55	19810068693	NACA-TN-3338
Statistical Study of Aircraft Icing Probabilities at the 700- and 500- Millibar Levels over Ocean Areas in the Northern Hemisphere	Perkins, Porter J.; Lewis, William; Mulholland, Donald R.	1-May-57	19810068859	NACA-TN-3984
Investigation of Power Requirements for Ice Prevention and Cyclical De-Icing of Inlet Guide Vanes with Internal Electric Heaters	VonGlahn, Uwe; Blatz, Robert E.	1-Dec-50	19810068707	NACA-RM-E50H29
Investigation of control signals for variable ramps of twin-duct side inlets	Beheim, M. A.; Yeager, R. A.	16-Jan-58	19710065532	NACA-RM-E57G22
Flight investigation at low angles of attack to determine the longitudinal stability and control characteristics of a cruciform canard missile configuration with a low-aspect-ratio wing and blunt nose at Mach numbers from 1.2 to 2.1	Brown, C. A., Jr.	30-Sep-57	19710066230	NACA-RM-L55K16
On the three-dimensional instability of laminar boundary layers on concave walls. Ph.D. Thesis - Goettingen Univ.	Goertler, H.	1-Jun-54	19780078801	NASA-TM-79901, NACA-TM-1375
Impingement of Cloud Droplets on 36.5-Percent-Thick Joukowski Airfoil at Zero Angle of Attack and Discussion of Use as Cloud Measuring Instrument in Dye-Tracer Technique	Brun, R. J.; Vogt, Dorothea E.	1-Sep-57	19810068703	NACA-TN-4035
A Method for Rapid Determination of the Icing Limit of a Body in Terms of the Stream Conditions	Callaghan, Edmund E.; Serafini, John S.	1-Mar-53	19810068713	NACA-TN-2914
Spark Ignition of Flowing Gases. 2: Effect of Electrode Parameters on Energy Required to Ignite a Propane-Air Mixture	Swett, Clyde. C., Jr.	18-Dec-51	19740072455	NACA-RM-E51J12, E-2394
Variation of Local Liquid-Water Concentration About and Ellipsoid of Fineness Ratio 5 Moving in a Droplet Field	Dorsch, Robert G.; Brun, Rinaldo J.	1-Jul-54	19810068690	NACA-TN-3153
Experimental Droplet Impingement on Several Two-Dimensional Airfoils with Thickness Ratios of 6 to 16 Percent	Gelder, Thomas F.; Smyers, William H., Jr.; VonGlahn, Uwe	1-Dec-56	19810068700	NACA-TN-3839
The Calculated and Measured Performance Characteristics of a Heated-Wire Liquid-Water-Content Meter for Measuring Icing Severity	Neel, Carr B.; Steinmetz, Charles P.	1-Jan-52	19810068727	NACA-TN-2615
An Instrument Employing a Coronal Discharge for the Determination of Droplet-Size Distribution in Clouds	Brun, Rinaldo J.; Levine, Joseph; Kleinknecht, Kenneth S.	1-Sep-51	19810068730	NACA-TN-2458

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Preliminary transient performance data on the fuel control of the XRJ47-W-5 ram-jet engine	Smith, I. D.; Welna, H. J.	1-Jan-54	19710065196	NACA-RM-E54A25
Synthesis and hydrolysis-rate studies of decaborane derivatives	Lipschitz, A.; Lucas, D.	8-Oct-57	19710066799	NACA-RM-E57H07
Effect of Ice and Frost Formations on Drag of NACA 65(sub 1) -212 Airfoil for Various Modes of Thermal Ice Protection	Gray, V. H.; Von Glahn, U. H.	1-Jun-53	19810068586	NACA-TN-2962
An airborne simulator investigation of the accuracy of an optical track command missile guidance system	Douvillier, J. J., Jr.; Drinkwater, F. J., III; Foster, J. V.	23-Nov-56	19710066235	NACA-RM-A56G24
Cooling characteristics of a transpiration-cooled afterburner with a porous wall of brazed and rolled wire cloth	Koffel, W. K.	19-Aug-54	19730065447	NACA-RM-E54E25, REPT-3295
Experimental investigation of effects of simulated nacelles and wing-root freedoms on supersonic flutter characteristics of a cambered, modified, swept, tapered wing	Hanson, P. W.	16-Oct-57	19710065201	NACA-RM-L57H16
Effects of specific types of surface roughness on boundary-layer transition	Loftin, L. K., Jr.	1-Feb-46	19780078531	NASA-TM-79860, NACA-ACR-L5J29A, L-48
Interference Effects of Fuselage-Stored Missiles on Inlet Duct Model of an Interceptor-Type Aircraft at Mach Numbers 1.5 to 1.9	Piercy, T. G.; Davis, O. H.	24-Apr-57	19710065513	NACA-RM-E57A11a
Experimental static aerodynamic forces and moments at high subsonic speeds on a canard missile during simulated launching from the midsemispan location of a 45 deg sweptback wing-fuselage-pylon combination at zero sideslip	Alford, W. J., Jr.; King, T. J., Jr.	14-Jan-57	19710066226	NACA-RM-L56J15A
Simple graphical solution of heat transfer and evaporation from surface heated to prevent icing	Gray, V. H.	1-Oct-52	19810068723	NACA-TN-2799
A review of instruments developed for the measurement of the meteorological factors conducive to aircraft icing	Jones, A. R.; Lewis, W.	26-Apr-49	19810068733	NACA-RM-A9C09
Icing and De-Icing of a Propeller with Internal Electric Blade Heaters	Lewis, James P.; Stevens, Howard C., Jr.	1-Aug-48	19810068617	NACA-TN-1691
NACA: University Conference on Aerodynamics. A Compilation of the Papers Presented		1-Jan-48	19790079941	NASA-TM-80403, NACA-1948/7
Calculated performance of a direct-air nuclear turbojet-powered airplane using a split-flow reactor and a separated-type shield	Doyle, R. B.	1-Feb-51	19710065235	NACA-RM-E50K06
An Investigation Utilizing an Electrical Analogue of Cyclic Deicing of Hollow Steel Propellers with Internal Electric Heaters	Neel, Carr B., Jr.	1-Oct-53	19810068624	NACA-TN-3025
Preliminary results of natural icing of an axial-flow turbojet engine	Acker, L. W.	6-Aug-48	19810068629	NACA-RM-E8C18
High altitude performance investigation of J65-B-3 turbojet engine with both JP-4 and gaseous hydrogen fuels	Kaufman, H. R.	2-Apr-57	19710069801	NACA-RM-E57A11
Experimental Investigation of Average Heat-Transfer and Friction Coefficients for Air Flowing in Circular Tubes Having Square-Thread-Type Roughness	Sams, E. W.	27-Jun-52	19740072459	NACA-RM-E52D17, E-2482

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Impingement of Water Droplets on a Cylinder in an Incompressible Flow Field and Evaluation of Rotating Multicylinder Method for Measurement of Droplet-Size Distribution, Volume-Median Droplet-Size, and Liquid-Water Content in Clouds	Brun, R. J.; Mergler, H. W.	1-Mar-53	19810068684	NACA-TN-2904
Impingement of Water Droplets on a Sphere	Dorsch, Robert G.; Saper, Paul G.; Kadow, Charles F.	1-Nov-55	19810068694	NACA-TN-3587
Analysis of low-temperature nuclear-powered ramjet missile for high altitudes	Rom, F. E.; Sams, E. W.	9-Nov-55	19710066794	NACA-RM-E55G21
Investigation of the penetration of an air jet directed perpendicularly to an air stream	Callaghan, E. E.; Ruggeri, R. S.	1-Jun-48	19810068718	NACA-TN-1615
Theoretical investigation of drag reduction in maintaining the laminar boundary layer by suction	Ulrich, A.	1-Jun-47	19780078551	NASA-TM-79868, NACA-TM-1121
Experimental Investigation of Air-Cooled Turbine Blades in Turbojet Engine. 7: Rotor-Blade Fabrication Procedures	Long, Roger A.; Esgar, Jack B.	23-May-51	19730065472	NACA-RM-E51E23, REPT-2203
Thermal stability of decaborane and of a commercial ethyl decaborane /HEF-3/ in the range 202 deg to 252 deg C	Mc Donald, G. E.	29-Nov-56	19710065533	NACA-RM-E56I24
Perforated sheets as a porous material for distributed suction and injection	Dannenbergh, R. E.; Gambucci, B. J.; Weiberg, J. A.	1-Apr-56	19780078802	NASA-TM-79752, NACA-TN-3669
Use of Truncated Flapped Airfoils for Impingement and Icing Tests of Full-Scale Leading-Edge Sections	vonGlahn, Uwe H.	24-Jul-56	19810068704	NACA-RM-E56E11
Hydrodynamic characteristics of missiles launched under water	Dawson, J. R.	27-Jun-58	19710068704	NACA-RM-L58E09A
Full-scale, free-jet investigation of methods of improving outlet flow distribution in a side-inlet supersonic diffuser	Farley, J. M.; Seashore, F. L.	28-Mar-55	19710065193	NACA-RM-E54L31A
Analytical Investigation of Icing Limit for Diamond-Shaped Airfoil in Transonic and Supersonic Flow	Callaghan, Edmund E.; Serafini, John S.	1-Jan-53	19810068583	NACA-TN-2861
Analysis of a Pneumatic Probe for Measuring Exhaust-Gas Temperatures with Some Preliminary Experimental Results	Scadron, Marvin D.	21-May-52	19740072456	NACA-RM-E52A11, E-2381
Impingement of Water Droplets on NACA 65A004 Airfoil at 8 deg Angle of Attack	Brun, R. J.; Gallagher, H. M.; Vogt, D. E.	1-Jul-54	19810068691	NACA-TN-3155
Impingement of Droplets in 60 Deg Elbows with Potential Flow	Hacker, Paul T.; Saper, Paul G.; Kadow, Charles F.	1-Oct-56	19810068701	NACA-TN-3770
Flight Instrument for Measurement of Liquid-Water Content in Clouds at Temperatures Above and Below Freezing	Perkins, Porter J.	5-Mar-51	19810068728	NACA-RM-E50J12A
Experimental investigation of the stability, control, and induced rolling moments of a canard missile airframe at a Mach number of 1.7	Chubb, R. S.	23-Sep-52	19710065199	NACA-RM-A52G29
A flight and analog study of the effect of elevating the radar-boresight axis upon stability and tracking performance of an automatically controlled interceptor	Cheatham, D. C.; Mathews, C. W.	16-Oct-57	19710065511	NACA-RM-L57G24
Adaptation of a Cascade Impactor to Flight Measurement of Droplet Size in Clouds	Levine, Joseph; Kleinknecht, Kenneth S.	18-Sep-51	19810068731	NACA-RM-E51G05

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Investigations of Air-Cooled Turbine Rotors for Turbojet Engines. 1: Experimental Disk Temperature Distribution in Modified J33 Split-Disk Rotor at Speeds up to 6000 RPM	Schramm, Wilson B.; Ziemer, Robert R.	9-Jan-52	19730065470	NACA-RM-E51I11
Transonic wind-tunnel investigation of static- pressure fluctuations in duct of a scale inlet model of a supersonic fighter-bomber airplane	Brooks, J. D.	6-Aug-57	19710065197	NACA-RM-L57C17
AVA monographs. B: Boundary layer	Holstein, H.; Bete, A. (editor); Tollmien, W. (editor)	1-Apr-48	19780078480	NASA-TM-79794, NACA-REPT-TRANS-1005
Flight, analog-simulator, and analytical studies of an automatically controlled interceptor which uses a bank-angle-error computer for lateral commands	Brissenden, R. F.; Cheatham, D. C.	11-Aug-58	19710066800	NACA-RM-L58E26A
Effects of free-flight rocket-model booster-adapter configurations on the aerodynamic characteristics in pitch and sideslip of a swept-wing fighter airplane model at a Mach number of 2.01	Robinson, R. B.	25-Mar-55	19710065524	NACA-RM-L55B01
Performance of five short multielement turbojet combustors for hydrogen fuel in quarter-annulus duct	Jones, R. E.; Rayle, W. D.	22-Jul-58	19710066802	NACA-RM-E58D15
Boundary-layer-transition measurements in full-scale flight	Banner, R. D.; Mctigue, J. G.; Petty, G., Jr.	28-Jul-58	19780078577	NASA-TM-79863, NACA-RM-H58E28
Survey of supersonic inlets for high Mach number applications	Allen, J. L.; Connors, J. F.	1-Apr-58	19710065526	NACA-RM-E58A20
Aerodynamic Effects Caused by Icing of an Unswept NACA 65A004 Airfoil	Gray, Vernon H.; vonGlahn, Uwe H.	1-Feb-58	19810068589	NACA-TN-4155
Fabrication and Properties of Hot-Pressed Molybdenum Disilicide	Long, Roger A.	26-May-50	19730065448	NACA-RM-E50F22
Measurements of Pressure Drop with No Heat Addition on Mockup Segments of the General Electric Air-Cooled Aircraft Reactor	Nagey, T. F.; Sams, E. W.	7-Nov-52	19710065188	NACA-RM-E52I05
Experimental study of the effects of finite surface disturbances and angle of attack on the laminar boundary layer of an NACA 64A010 airfoil with area suction	Schwartzberg, M. A.; Braslow, A. L.	1-Oct-52	19780078532	NASA-TM-79830, NACA-TN-2796
Experimental investigation of extreme internal flow turning at the cowl lip of an axisymmetric inlet at a Mach number of 2.95	Kowalski, K. L.; Weston, K. C.	13-May-58	19710065514	NACA-RM-E58A27A
Some notes on the probable damage to an intercontinental-ballistic-missile warhead following puncture of the heat shield	Strass, H. K.; Goodman, V. M.	28-Sep-58	19720065895	NACA-RM-L58G31
Comparison of Several Methods of Cyclic De-Icing of a Gas-Heated Airfoil	Gray, Vernon H.; Bowden, Dean T.	22-Jun-53	19810068601	NACA-RM-E53C27
Investigation of Noise Field and Velocity Profiles of an Afterburning Engine	North, Warren J.; Callaghan, E. E.; Lanzo, C. D.	24-Sep-54	19730065439	NACA-RM-E54G07
Investigation of suction-slot shapes for controlling a turbulent boundary layer	Pierpont, P. K.	1-Jun-47	19780078537	NACA-TN-1292, NASA-TM-79866
Theoretical analysis of the interference effects of several supersonic tunnel walls capable of absorbing the shock caused by the nose of a model	Matthews, C. W.	26-May-58	19710067347	NACA-RM-L58B21
The subsonic lateral and longitudinal static stability characteristics up to large angles of sideslip for a triangular-wing airplane model having a ventral fin	Buell, D. A.; Tinling, B. E.	25-Oct-56	19710065528	NACA-RM-A56H06
Effect of throat bleed on the supersonic performance of a half-conical side-inlet system	Mc Kevitt, F. X.; Sitt, L. E.; Smith, A. B.	10-Jan-56	19710065519	NACA-RM-E55J07
Maneuver performance of interceptor missiles	Stone, D. G.	27-Jun-58	19710066790	NACA-RM-L58E02

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Investigation of the static stability characteristics of five hypersonic missile configurations at Mach numbers from 2.29 to 4.65	Appich, W. H., Jr.; Turner, K. L.	30-Jun-58	19710066227	NACA-RM-L58D04
Analogy Between Mass and Heat Transfer with Turbulent Flow	Callaghan, Edmund E.	1-Oct-53	19810068724	NACA-TN-3045
A heated-wire liquid-water-content instrument and results of initial flight tests in icing conditions	Neel, C. B.	20-Jan-55	19810068734	NACA-RM-A54I23
A Flight Evaluation and Analysis of the Effect of Icing Conditions on the ZPG-2 Airship	Lewis, Willilam; Perkins, Porter J., Jr.	1-Apr-58	19810068595	NACA-TN-4220
Investigation of Aerodynamic and Icing Characteristics of Recessed Fuel-Vent Configurations	Ruggeri, Robert S.; VonGlahn, Uwe H.; Rollins, Vern G.	1-Mar-49	19810068591	NACA-TN-1789
Investigation of three low-temperature-ratio combustor configurations in a 48-inch-diameter ram-jet engine	Meyer, C. L.; Welna, H. J.	10-Mar-54	19710065190	NACA-RM-E53K20
Preliminary evaluation of the wing leading edge as a missile-mounting location	Hill, P. R.; Hoffman, S.	16-Jan-57	19730064631	NACA-RM-L56J12
Simplified method for determination of critical height of distributed roughness particles for boundary-layer transition at Mach numbers from 0 to 5	Braslow, A. L.; Knox, E. C.	1-Sep-58	19780078534	NASA-TM-79828, NACA-TN-4363
NACA Conference on Aerodynamics of High Speed Aircraft. [A Compilation of the Papers Presented]		1-Nov-55	19740075321	NACA-TM-X-70033
Investigation of Porous Gas-Heated Leading-Edge Section for Icing Protection of a Delta Wing	Bowden, Dean T.	19-Jan-55	19810068603	NACA-RM-E54I03
A thermal system for continuous monitoring of laminar and turbulent boundary-layer flows during routine flight	Richardson, N. R.; Horton, E. A.	1-Sep-57	19780078544	NASA-TM-79872, NACA-TN-4108
De-icing effectiveness of external electric heaters for propeller blades	Lewis, J. P.	1-Feb-48	19810068618	NACA-TN-1520
Icing Protection for a Turbojet Transport Airplane: Heating Requirements, Methods of Protection, and Performance Penalties	Gelder, Thomas F.; Lewis, James P.; Koutz, Stanley L.	1-Jan-53	19810068606	NACA-TN-2866
The Effect of Ice Formations on Propeller Performance	Neel, C. B., Jr.; Bright, L. G.	1-Oct-50	19810068625	NACA-TN-2212
Preliminary wind-tunnel investigation of the effect of area suction on the laminar boundary layer over an NACA 64A010 airfoil	Braslow, A. L.; Visconti, F.; Burrows, D. L.	26-Apr-48	19780078547	NASA-TM-79858, NACA-RM-L7L15
Procedure for measuring liquid-water content and droplet sizes in supercooled clouds by rotating multicylinder method	Lewis, W.; Perkins, P. J.; Brun, R. J.	29-Jun-53	19810068900	NACA-RM-E53D23
Analysis of heat transfer and fluid friction for fully developed turbulent flow of supercritical water with variable fluid properties in a smooth tube	Deissler, R. G.; Taylor, M. F.	30-Jan-53	19730065441	NACA-RM-E53B17
Icing Characteristics and Anti-Icing Heat Requirements for Hollow and Ternally Modified Gas-Heated Inlet Guide Vanes	Gray, Vernon H.; Bowden, Dean T.	5-Dec-50	19810068630	NACA-RM-E50I08
Analysis of turbojet and ram-jet engine cycles using various fuels	Tower, L. K.; Weber, R. J.; Wilcox, E. C.	27-Nov-56	19710069802	NACA-RM-E56I19A
Preliminary investigation of a technique for stability studies of a self-propelled model of a submerged submarine	Mckann, R. E.; Petynia, W. W.	15-Apr-54	19790080154	NACA-RM-SL54D21

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Flight investigation of a liquid hydrogen fuel system	Acker, L. W.; Christenson, H. H.; Gough, W. V.; Mulholland, D. R.	19-Aug-57	19710069807	NACA-RM-E57F19A
A comparison of the maneuvering performance of a monowing versus a cruciform missile	Matthews, H. F.; Schmidt, S. F.	1-Jun-55	19710064940	NACA-RM-A55D13
Icing properties of noncyclonic winter stratus clouds	Lewis, W.	1-Sep-47	19810068852	NACA-TN-1391
Analysis of a nuclear-powered liquid-metal ducted-fan cycle	Rom, F. E.; Wachtl, W. W.	17-Dec-52	19710064912	NACA-RM-E52G16
Impingement of cloud droplets on aerodynamic bodies as affected by compressibility of air flow around the body	Brun, R. J.; Serafini, J. S.; Gallagher, H. M.	1-Mar-53	19810068685	NACA-TN-2903
Impingement of water droplets on a rectangular half body in a two-dimensional incompressible flow field	Lewis, W.; Brun, R. J.	1-Feb-56	19810068695	NACA-TN-3658
Statistical explanation of spontaneous freezing of water droplets	Levine, J.	1-Dec-50	19810068861	NACA-TN-2234
The calculation of the heat required for wing thermal ice prevention in specified icing conditions	Neel, C. B., Jr.; Bergrun, N. R.; Jukoff, D.; Schlaff, B. A.	1-Dec-47	19810068709	NACA-TN-1472
Effect of design variables on performance of Mach 4.0 hydrogen expansion engines	Dugan, J. F., Jr.	22-Jul-58	19710066795	NACA-RM-E58D28
A Preliminary Investigation of the Performance of a Short Length Turbojet Combustor Using Vaporized Hydrocarbon Fuels	Jones, R. E.; Pawlik, E. V.	7-Jan-58	19710069451	NACA-RM-E57J03
Penetration of Air Jets Issuing from Circular, Square, and Elliptical Orifices Directed Perpendicularly to an Air Stream	Ruggeri, Robert S.; Callaghan, Edmund E.; Bowden, Dean T.	1-Feb-50	19810068719	NACA-TN-2019
Further experimental studies of area suction for the control of the laminar boundary layer on a porous bronze NACA 64A010 airfoil	Braslow, A. L.; Viscounti, F.	1-May-50	19780078552	NASA-TM-79873, NACA-TN-2112
Interpretation of boundary-layer pressure-rake data in flow with a detached shock	Luidens, R. W.; Madden, R. T.	24-Aug-50	19730065473	NACA-RM-E50129A, REPT-2003
The resistance to air flow of porous materials suitable for boundary-layer-control applications using area suction	Dannenberg, R. E.; Weiberg, J. A.; Gambucci, B. J.	1-Jan-54	19780078539	NASA-TM-79865, NACA-TN-3094
Preliminary analysis of a nuclear powered supersonic airplane using ramjet engines	Connolley, D. J.; Weber, R. J.	11-Apr-58	19710067349	NACA-RM-E57F17
The prospects for laminar flow on hypersonic airplanes	Seiff, A.	27-Jun-58	19780078803	NASA-TM-79877, NACA-RM-A58D25
Investigation of Effectiveness of Air-Heating a Hollow Steel Propeller for Protection Against Icing. 3: 25% Partitioned Blades	Mulholland, Donald R.; Perkins, Porter J.	1-May-48	19810068621	NACA-TN-1588
Investigation of Heat Transfer From	Lewis, James P.; Ruggeri, Robert S.	1-Nov-56	19810068705	NACA-TN-3837
A method for calculating the heat required for windshield thermal ice prevention based on extensive flight tests in natural icing conditions	Jones, A. R.; Holdaway, G. H.; Steinmetz, C. P.	1-Nov-47	19810068715	NACA-TN-1434
Performance of several half-conical side inlets at supersonic and subsonic speeds	Cubbison, R. W.; Flaherty, R. J.; Stitt, L. E.	1-Feb-56	19710065530	NACA-RM-E55J10A
Wind-tunnel investigation of a wing-root inlet configuration with various modifications at Mach numbers of 1.41, 1.81, and 2.01	Robins, A. W.	26-Sep-57	19710065194	NACA-RM-L57A28

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Performance at high temperatures and pressures of an annular turbojet combustor having articulated liner walls	McCafferty, Richard J.; Wear, Jerrold D.; Cook, William P.	10-May-57	19710065521	NACA-RM-E57B26
De-icing and runback characteristics of three cyclic electric, external de-icing boots employing chordwise shedding	Ruggeri, R. S.	25-May-53	19810068584	NACA-RM-E53C26
Experimental investigation of air-cooled turbine blades in turbojet engine. 1: Rotor blades with 10 tubes in cooling-air passages	Ellerbrock, H. H., Jr.; Stepka, F. S.	30-Jul-50	19730065445	NACA-RM-E50I04
Variation of Local Liquid-Water Concentration About an Ellipsoid of Fineness Ratio 10 Moving in a Droplet Field	Brun, Rinaldo J.; Dorsch, Robert G.	1-Apr-55	19810068692	NACA-TN-3410
Evaluation of some aerodynamic controls for a low aspect ratio missile	Higdon, N. S.; Winovich, W.	17-Jul-58	19710066792	NACA-RM-A58D17B
Experimental Droplet Impingement on Four Bodies of Revolution	Lewis, James P.; Ruggeri, Robert S.	1-Dec-57	19810068702	NACA-TN-4092
Preliminary Results of Heat Transfer from a Stationary and Rotating Ellipsoidal Spinner	vonGlahn, U.	6-Aug-53	19810068726	NACA-RM-E53F02
A simplified instrument for recording and indicating frequency and intensity of icing conditions encountered in flight	Perkins, P. J.; Mccullough, S.; Lewis, R. D.	3-Jul-51	19810068729	NACA-RM-E51E16
An Electric Thrust Meter Suitable for Flight Investigation of Propellers	Perkins, Porter J., Jr.; Millenson, Morton B.	9-May-49	19810068736	NACA-RM-E9C17
A preliminary study of the effect of boric oxide deposits on the performance of two selected turbine stator-blade shapes	Nusbaum, W. J.; Setze, P. C.	25-Feb-58	19710065512	NACA-RM-E57L18
Comparison of Three Multicylinder Icing Meters and Critique of Multicylinder Method	Howell, Wallace E.	1-Jun-52	19810068732	NACA-TN-2708
A flight investigation of the thermal performance of air heated propeller	Darsow, J. F.; Selna, J.	1-Apr-47	19810068616	NACA-TN-1178
Natural icing of an axial-flow turbojet engine in flight for a single icing condition	Acker, L. W.	12-Aug-48	19810068628	NACA-RM-E8F01A
Development of a laminar boundary layer behind a suction point	Wuest, W.	1-Mar-52	19780078550	NASA-TM-79874, NACA-TM-1336
Longitudinal aerodynamic characteristics to large angles of attack of a cruciform missile configuration at a Mach number of 2	Spahr, J. R.	6-Dec-54	19710065192	NACA-RM-A54H27
Analysis of rocket, ramjet, turbojet engines for supersonic propulsion of long-range missiles. 2: Rocket missile performance	Huff, V. N.; Kerrebrock, J.	11-Oct-54	19730064633	NACA-RM-E54129A
NACA conference on Aerodynamic Problems of Transonic Airplane Design		1-Jan-47	19790079919	NASA-TM-804-2, NACA-1947/4
Boundary-layer measurements on several porous materials with suction applied	Mccullough, G. B.; Gambucci, B. J.	18-Jun-52	19780078570	NASA-TM-79857, NACA-RM-A52D01B
Flight investigation at high speeds of profile drag of wing of a P-47D airplane having production surfaces covered with camouflage paint	Zalovcik, J. A.; Daum, F. L.	1-Mar-46	19780078576	NASA-TM-79832, NACA-ACR-L6B21, L-98
Operation of an experimental air-cooled turbojet engine at turbine-inlet temperatures from 2200 R to 2935 R	Cochran, R. P.; Dengler, R. P.; Esgar, J. B.	20-Aug-56	19710065525	NACA-RM-E56D24A
Correlations Among Ice Measurements, Impingement Rates Icing Conditions, and Drag Coefficients for Unswept NACA 65A004 Airfoil	Gray, Vernon H.	1-Feb-58	19810068588	NACA-TN-4151
Effect of spike-tip and cowl-lip blunting on inlet performance of a Mach 3.0 external-compression inlet	Cubbison, R. N.; Samanich, N. E.	23-Sep-58	19710066803	NACA-RM-E58G02A

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Measurement and analysis of turbulent flow containing periodic flow fluctuations	Mickelsen, W. R.; Laurence, J. C.	19-Aug-53	19730065438	NACA-RM-E53F19
Chemical and physical properties of modified Hi-Cal-2	Allen, H., Jr.; Mcdonald, G. E.; Pusanski, B. J.	1-Dec-55	19710070743	NACA-RM-E55L05A, REPT-3961
Effects of surface roughness and extreme cooling on boundary-layer transition for 15 deg cone-cylinder in free flight at Mach numbers to 7.6	Rabb, L.; Krasnican, M. J.	5-Mar-58	19780078536	NASA-TM-79867, NACA-RM-E57K19
Transonic wind tunnel tests of the launch, jettison, and longitudinal characteristics of an airplane and missile model combination	Cleary, J. W.; Dewey, C. F., Jr.; Frank, J. L.	20-Nov-57	19710067346	NACA-RM-A57G01
Some effects of Reynolds number on the stability of a series of flared-body and blunted-cone models at Mach numbers from 1.62 to 6.86	Kehlet, A. B.	7-Jan-58	19710065518	NACA-RM-L57J29
A method for estimating the components of lift of wing-body combinations at supersonic speeds	Tucker, W. A.	16-Sep-52	19710064973	NACA-RM-L52D22
Free flight investigation at transonic speeds of the power-on characteristics including some effects of sonic propulsive jets of a four engine delta wing configuration	Falanga, R. A.; Judd, J. H.	16-Aug-57	19710068125	NACA-RM-L57E31
Effects of free-stream Reynolds number, engine installation, and model scale on stability characteristics of a translating- spike inlet at Mach 2.0	Bowditch, D.; Musial, N. T.	13-Nov-57	19710065189	NACA-RM-E57D17
Effect of design changes of operating conditions on combustion and operational performance of a 28-inch diameter ram-jet engine	Nakanishi, S.; Shillito, T. B.	13-Feb-52	19710065203	NACA-RM-E51J24
Effects of extreme surface cooling on boundary-layer transition	Jack, J. R.; Wisniewski, R. J.; Diaconis, N. S.	1-Oct-57	19780078533	NASA-TM-79831, NACA-TN-4094
Aerodynamic heating of blunt nose shapes at Mach numbers up to 14	Stoney, W. E., Jr.	11-Aug-58	19710065515	NACA-RM-L58E05A
A Procedure for the Design of Air-Heated Ice-Prevention Systems	Neel, C. B.	1-Jun-54	19810068602	NACA-TN-3130
Effects of Ice Formations on Airplane Performance in Level Cruising Flight	Preston, G. Merritt; Blackman, Calvin C.	1-May-48	19810068605	NACA-TN-1598
Investigation of boundary-layer Reynolds number for transition on an NACA 65 sub (215) sup-114 airfoil in the Langley two-dimensional low-turbulence pressure tunnel	Braslow, A. L.; Visconti, F.	1-Oct-48	19780078546	NASA-TM-79859, NACA-TN-1704
Analytical determination of local surface heat-transfer coefficients for cooled turbine blades from measured metal temperatures	Brown, W. B.; Esgar, J. B.	10-Apr-50	19730065440	NACA-RM-E50F09
Design and performance of fuel control for aircraft hydrogen fuel system	Hiller, K. W.; Otto, E. W.; Ross, P. S.	19-Aug-57	19710069806	NACA-RM-E57F19
High-altitude performance of J71-A-11 turbojet engine and its components using JP-4 and gaseous-hydrogen fuels	Saari, M. J.; Smith, I. D.	29-May-57	19710064939	NACA-RM-E56L05
Meteorological Analysis of Icing Conditions Encountered in Low-Altitude Stratiform Clouds	Kline, D. B.; Walker, J. A.	1-Mar-51	19810068851	NACA-TN-2306
Effect of type of porous surface and suction velocity distribution on the characteristics of a 10.5 percent-thick airfoil with area suction	Dannenberg, R. E.; Weiberg, J. A.	1-Dec-53	19780078538	NASA-TM-79856, NACA-TN-3093
Some effects of aileron deflection on the static lateral and directional aerodynamic characteristics of four contemporary airplane models	Intrieri, P. F.; Smith, W. G.	23-Jul-57	19710067348	NACA-RM-A57E22

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Investigation of Effectiveness of Air-Heating a Hollow Steel Propeller for Protection Against Icing. 2: 50% Impartitioned Blades	Perkins, Porter J.; Mulholland, Donald R.	1-May-48	19810068620	NACA-TN-1587
Wind-tunnel measurements at subsonic speeds of the static and dynamic-rotary stability derivatives of a triangular-wing airplane model having a triangular vertical tail	Beam, B. H.; Lopez, A. E.; Reed, V. D.	25-Apr-55	19710065529	NACA-RM-A55A28
Transonic flutter characteristics of a cambered A-plan-form wing with and without simulated nacelles	Kelly, H. N.	10-Jul-57	19710065520	NACA-RM-L57E09
Radiant heat transfer from flames in a single tubular turbojet combustor	Topper, L.	19-Aug-52	19730065444	NACA-RM-E52F23
A wind tunnel investigation of several wingless missile configurations at supersonic speeds	Reese, D. E., Jr.	3-Feb-58	19710066791	NACA-RM-A57J22
Experimental Investigation of Sublimation of Ice at Subsonic and Supersonic Speeds and Its Relation to Heat Transfer	Coles, Willard D.; Ruggeri, Robert S.	1-Mar-54	19810068725	NACA-TN-3104
An Oil-Stream Photomicrographic Aeroscope for Obtaining Cloud Liquid-Water Content and Droplet Size Distributions in Flight	Hacker, Paul T.	1-Jan-56	19810068735	NACA-TN-3592
Improvements in Heat Transfer for Anti-Icing of Gas-Heated Airfoils with Internal Fins and Partitions	Gray, Vernon H.	1-Jul-50	19810068608	NACA-TN-2126
NACA Conference on Aircraft Ice Prevention: A compilation of the papers presented by NACA staff members		1-Jan-47	19810068596	NASA-TM-82267, NACA-1947
Icing limit and wet-surface temperature variation for two airfoil shapes under simulated high-speed flight conditions	Coles, W. D.	1-Feb-55	19810068592	NACA-TN-3396
Experimental Study of Isothermal Wake-Flow Characteristics of Various Flame-Holder Shapes	Younger, G. G.; Gabriel, D. S.; Mickelsen, W. R.	23-Jan-52	19730065793	NACA-RM-E51K07, E-2403
Wind-tunnel investigation of icing of an engine cooling-fan installation	Lewis, J. P.	1-Apr-47	19810068633	NACA-TN-1246
Design of combustor for long-range ram-jet engine and performance of rectangular analog	Koch, R. G.; Rayle, W. D.	29-Jan-54	19710065191	NACA-RM-E53K13
Investigation of Aerodynamic and Icing Characteristics of a Flush Alternate Inlet Induction System Air Scoop	Lewis, James P.	24-Jul-53	19810068581	NACA-RM-E53E07
Analysis of rocket, ramjet, and turbojet engines for supersonic propulsion of long-range missiles. 3: Ramjet engine performance	Weber, R. J.; Luidens, R. W.	5-Aug-54	19730064632	NACA-RM-E54H03
Preliminary investigation of reflections of oblique waves from a porous wall	Davis, D. D., Jr.; Wood, G. P.	9-Nov-50	19730065437	NACA-RM-L50G19A
Transonic flight evaluation of the effects of fuselage extension and indentation on the drag of a 60 deg delta wing interceptor airplane	Asher, W. P.; Saltzman, E. J.	26-Sep-57	19710067345	NACA-RM-H57E29
Investigation of two bluff shapes in axial free flight over a Mach number range from 0.35 to 2.15	Coltrane, L. C.	18-Mar-58	19710065517	NACA-RM-L58A16
Effectiveness of Thermal-Pneumatic Airfoil-Ice-Protection System	Gowan, William H., Jr.; Mulholland, Donald R.	13-Apr-51	19810068604	NACA-RM-E50K10A
Systematic wind-tunnel measurements on a laminar wing with nose flap	Krueger, W.	1-Apr-47	19780078545	NASA-TM-79870, NACA-TM-1119

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Design and performance of flight type liquid hydrogen heat exchanger	Braithwaite, W. M.; Fenn, D. B.; Ordin, P. M.	19-Aug-57	19710069805	NACA-RM-E57F14
Induction system characteristics and engine surge occurrence for two fighter-type airplanes	Bellman, D. R.; Larson, T. J.; Thomas, G. M.	26-May-58	19710064938	NACA-RM-H58C14
Investigation of Effectiveness of Air-Heating a Hollow Steel Propeller for Protection Against Icing. 1: Unpartitioned Blades	Mulholland, Donald R.; Perkins, Porter J.	1-May-48	19810068619	NACA-TN-1586
Experimental investigation of air-cooled turbine blades in turbojet engine. 2: Rotor blades with 15 fins in cooling-air passages	Hickel, R. O.; Ellerbrock, H. H., Jr.	1-Aug-50	19730065443	NACA-RM-E50114
Experimental investigation of laminar-boundary-layer control on an airfoil section equipped with suction slots located at discontinuities in the surface pressure distribution	Horton, E. A.; Loftin, L. K., Jr.	15-Dec-53	19710065308	NACA-RM-L53J14
Large-scale wind-tunnel tests of an airplane model with a 45 deg sweptback wing of aspect ratio 2.8 with area suction applied to trailing-edge flaps and with several wing leading-edge modifications	Koenig, D. G.; Aoyagi, K.	2-Nov-56	19740072299	NACA-RM-A56H08
Preliminary analysis of performance of turbojet engines used as pumps for boundary-layer control	Conrad, E. W.	16-Aug-55	19780078583	NASA-TM-79845, NACA-RM-E55E20A
Investigation of Icing Characteristics of Typical Light Airplane Engine Induction Systems	Coles, W. D.	1-Feb-49	19810068626	NACA-TN-1790
Investigation of Aerodynamic and Icing Characteristics of Water-Inertia-Separation Inlets for Turbojet Engines	VonGlahn, Uwe; Blatz, R. E.	26-Jul-50	19810068632	NACA-RM-E50E03
Experimental investigation of boundary-layer suction through slots to obtain extensive laminar boundary layers on a 15 percent-thick airfoil section at high Reynolds numbers	Loftin, L. K., Jr.; Horton, E. A.	23-Jun-52	19780078548	NASA-TM-79835, NACA-RM-L52D02
Experimental evaluation of swirl can elements for hydrogen fuel combustor	Friedman, R.; Jones, R. E.; Rayle, W. D.	13-May-57	19710069804	NACA-RM-E57C18
Experimental and Analytical Study of Balanced-Diaphragm Fuel Distributors for Gas-Turbine Engines	Straight, David M.; Gold, Harold	14-Aug-50	19730065442	NACA-RM-E50F05
Comparison of various heat exchangers for liquid-metal nuclear turbojet over range of flight and operating conditions	Ragsdale, R. G.	28-Apr-58	19720066139	NACA-RM-E57I16
Analysis of the liquid-metal turbojet cycle for propulsion of nuclear powered aircraft	Wachtl, W. W.; Rom, F. E.	19-Nov-51	19750069646	NACA-RM-E51D30
NACA Investigations of Icing-Protection Systems for Turbojet-Engine Installations	VonGlahn, Uwe; Callaghan, Edmund E.; Gray, Vernon H.	2-May-51	19810068631	NACA-RM-E51B12
Turbine failure investigation of J65-W-4 turbojet engine in an altitude test chamber	Braithwaite, W. M.; Ciepluch, C. C.; Mc Aulay, J. E.	21-Sep-56	19710067498	NACA-RM-E56H06
Experimental Determination of Thermal Conductivity of Low-Density Ice	Coles, Willard D.	1-Mar-54	19810068644	NACA-TN-3143
Experimental investigation of diffuser pressure ratio control with shock positioning limit on 28 inch ram-jet engine	Crowl, R. J.; Dunbar, W. R.; Wentworth, C. B.	15-Jan-57	19710069803	NACA-RM-E56F26

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X-Ray Diffraction Study of the Internal Structure of Supercooled Water	Dorsch, Robert G.; Boyd, Bemrose	1-Oct-51	19810068643	NACA-TN-2532
The Sodium Hydroxide Reactor - Effect of Reactor Variables on Criticality and Fuel-Element Temperature Requirements for Subsonic and Supersonic Aircraft Nuclear Propulsion	Bogart, D.; Valerino, M. F.	10-Feb-53	19710064942	NACA-RM-E52119
Pressure measurements on an afterbody behind various blunt nose shapes at a Mach number of 2	Speegle, K. C.	27-Dec-57	19710064941	NACA-RM-L57J14
Handbook of structural stability. Part 2: Buckling of composite elements	Becker, Herbert	1-Jul-57	19880068892	NASA-TM-89720, NACA-TN-3782, NAS 1.15:89720
Effects of horizontal-tail position, area, and aspect ratio on low-speed static longitudinal stability and control characteristics of a 60 deg triangular-wing model having various triangular-all-movable horizontal tails	Jaquet, Byron M.	14-Dec-51	19910073729	NASA-TM-104968, NAS 1.15:104968, NACA-RM-L51I06
A method for calculating the lift and center of pressure of wing-body-tail combinations at subsonic, transonic, and supersonic speeds	Nielsen, Jack Norman; Kaattari, George E.; Anastasio, Robert F.	12-Nov-53	19890067657	NACA-RM-A53G08
Flight experiences and tests on two airplanes with suction slots	Stueper, BY	1-Jan-50	19910073056	NACA-TM-1232
A Simple Method of Estimating the Subsonic Lift and Damping in Roll of Sweptback Wings	Polhamus, Edward C.	1-Apr-49	19910074176	NASA-TM-101180, NAS 1.15:101180, NACA-TN-1862
Theoretical Investigation of Submerged Inlets at Low Speeds	Sacks, Alvin H.; Spreiter, John R.	1-Aug-51	19890067876	NACA-TN-2323
The Interference Effects of a Body on the Spanwise Load Distributions of Two 45 Degree Sweptback Wings of Aspect Ratio 8.02 from Low-Speed Tests	Martina, Albert P.	1-Apr-56	19920075067	NACA-TN-3730
Investigation at low speeds of the effect of aspect ratio and sweep on rolling stability derivatives of untapered wings	Goodman, Alex; Fisher, Lewis R.	1-Mar-49	19920074906	NACA-TN-1835
Quasi-cylindrical theory of wing-body interference at supersonic speeds and comparison with experiment	Nielsen, Jack Norman	1-Jan-55	19890067680	NASA-TM-101238, NACA-TN-1252, NAS 1.15:101238
Empirical relation between induced velocity, thrust, and rate of descent of a helicopter rotor as determined by wind-tunnel tests on four model rotors	Castles, Walter, Jr.; Gray, Robin B.	1-Oct-51	19920074916	NACA-TN-2474
A Body Modification to Reduce Drag Due to Wedge Angle of Wing with Unswept Trailing Edge	Pitts, William C.; Nielsen, Jack Norman	1-Jul-58	19890067658	NACA-TN-4277
Lateral control by spoilers at the DVL. Part 1: Systematic wind-tunnel tests concerning the problem of lateral control by spoilers permeable to air. Part 2: Contribution to the lateral control by spoilers at the DVL. Part 3: Flight tests in the lateral controls by spoilers on the airplane model Fieseler FI 156	Kramer, M.; Zobel, TH.; Esche, C. G.	1-Aug-51	19910072683	NACA-TM-1307
Aerodynamic forces, moments, and stability derivatives for slender bodies of general cross section	Sacks, Alvin H.	1-Nov-54	19890067877	NACA-TN-3283
Method for estimating pitching-moment interference of wing-body combinations at supersonic speed	Kaattari, George E.; Nielsen, Jack Norman; Pitts, William C.	17-Apr-52	19890067682	NACA-RM-A52B06

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Exploratory wind-tunnel investigation to determine the lift effects of blowing over flaps from nacelles mounted above the wing	Riebe, John M.; Davenport, Edwin E.	1-Jun-58	19880069087	NACA-TN-4298
The spanwise distribution of lift for minimum induced drag of wings having a given lift and a given bending moment	Jones, R. T.	1-Dec-50	19760012005	NACA-TN-2249
Spin tests of a low-wing monoplane to investigate scale effect in the model test range, May 1941	Donlan, C. J.	1-Jan-76	19770022120	NACA-TN-807
An approximate spin design criterion for monoplanes, 1 May 1939	Seidman, O.; Donlan, C. J.	1-Jan-76	19770022116	NACA-TN-711
Methods of analyzing wind-tunnel data for dynamic flight conditions	Donlan, C. J.; Recant, I. G.	1-Jan-76	19770022121	NACA-TN-828
The Minimum Induced Drag of Aerofoils	Munk, M. M.	1-Dec-79	19800006779	NACA-TR-121
The Aerodynamic Forces on Airship Hulls	Munk, M. M.	1-Dec-79	19800006780	NACA-TR-184
General Potential Theory of Arbitrary Wing Sections	Theodorsen, T.; Garrick, I. E.	1-Dec-79	19800006787	NACA-TR-452
Flow and Drag Formulas for Simple Quadrics. [pressure drag and flow equations for an ellipsoid in incompressible fluids	Zahm, A. F.	1-Dec-79	19800006784	NACA-TR-253
Elements of the Wing Section Theory and of the Wing Theory	Munk, Max M.	1-Dec-79	19800006781	NACA-TR-191
Graphic Construction of Joukowski Wings	Trefftz, E.	1-Dec-79	19800006778	NACA-TM-336
General Theory of Aerodynamic Instability and the Mechanism of Flutter	Theodorsen, Theodore	1-Dec-79	19800006788	NACA-TR-496
Behavior of Vortex Systems	Betz, A.	1-Dec-79	19800006786	NACA-TN-713
Applications of Modern Hydrodynamics to Aeronautics. Part 1: Fundamental Concepts and the Most Important Theorems. Part 2: Applications	Prandtl, L.	1-Dec-79	19800006775	NACA-TR-116
The Inertia Coefficients of an Airship in a Frictionless Fluid	Bateman, H.	1-Dec-79	19800006783	NACA-TR-164
Pressure Distribution on Joukowski Wings	Blumenthal, O.	1-Dec-79	19800006777	NACA-TM-336
Flow and Force Equations for a Body Revolving in a Fluid	Zahm, A. F.	1-Dec-79	19800006785	NACA-TR-323
Remarks on the Pressure Distribution over the Surface of an Ellipsoid, Moving Translationally Through a Perfect Fluid	Munk, Max M.	1-Dec-79	19800006782	NACA-TN-196