Description of document: List of National Aeronautics and Space Administration (NASA) Technical Documents in the Aeronautics and Space Database (non-public NASA Technical Report Server) for all reports citations that include the term “Limited Distribution” in the Restriction on Access field, 1940-1959

Request date: 2009

Released date: 16-December-2009

Posted date: 21-May-2018

Source of document: Freedom of Information Act Request
Office of Inspector General
NASA Headquarters
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300 E Street, S.W.
Washington, D.C. 20546
Fax: (202) 358-2767
E-mail: foiaig@hq.nasa.gov
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December 16, 2009

09-HQ-F-00278

This is our final response to your Freedom of Information Act request which we discussed on narrowing the scope in our previous email correspondence and telephone communications.

After review of the responsive material provided to this office, we have enclosed a listing of information which was compiled from ‘40s and ‘50s, in full without any redactions or pages withheld under the exemptions listed in Title 5, United States Code, §552 of the Freedom of Information Act.

Any further questions concerning this request should be directed to the undersigned.

I trust this will be of assistance to you.
Title (Incl. Subtitle): Flight Determination of the Longitudinal Stability Characteristics of a 0.133-Scale Rocket-Powered Model of the Consolidated Vultee XFY-1 Airplane without Propellers at Mach Numbers from 0.73 to 1.19, TED No. NACA DE 369
Author: Hastings, Earl E., Jr.; Mitcham, Grady L.
Report Number: NACA-RM-SL54B03A
Document ID (CASI): 20050030055
Publication Date: February 03, 1954
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Preliminary Results of Altitude-Wind-Tunnel Investigation of X34C-4B Turbojet Engine
Title: Number of Part: 3
Title: Name of Part: Compressor Performance
Author: Dupree, David T.; Thorman, H. Carl
Report Number: NACA-RM-SE7L12A
Document ID (CASI): 20050019311
Publication Date: December 12, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Evaluation of Gust and Draft Velocities from Flights of P-61C Airplanes within Thunderstorms July 12, 1947 to July 18, 1947 at Clinton County Army Air Field, Ohio
Author: Funk, Jack
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L7L08
Document ID (CASI): 20050019471
Publication Date: December 08, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Large-Scale Flight Measurements of Zero-Lift Drag at Mach Numbers from 0.87 to 1.39 of 1/10-Scale Models of the Northrop MX-775A Missile
Author: Gillespie, Warren, Jr.; Arbic, Richard G.
Report Number: NACA-RM-SL51K07
Document ID (CASI): 20050030052
Publication Date: November 07, 1951
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Hydrodynamic Characteristics of an Aerodynamically Refined Planing-Tail Hull
Author: McKann, Robert; Suydam, Henry B.
Report Number: NACA-RM-L8G16
Document ID (CASI): 20050019278
Publication Date: July 16, 1948
Authorized Users: NASA personnel only
Title (Incl. Subtitle): A THEORETICAL AND EXPERIMENTAL STUDY OF THE PHYSICAL PROPERTIES OF THE IONOSPHERE BY MEANS OF SATELLITE RADIO TRANSMISSIONS PROGRESS REPORT NO. 1, JULY 1 - DEC. 10, 1959
Author: Swanson, G. W., Jr.
Author Affil.: Illinois Univ.
Accession Number: 63X81646
Report Number: NASA-CR-51216
Document ID (CASI): 19630044235
Publication Date: Dec 20, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Computation of the burnout velocity of a three stage rocket vehicle
Author: Donnelly, H. L.
Author Affil.: American Research and Mfg. Corp.
Accession Number: 64X81947
Report Number: NASA-CR-58336; TR-329-001
Document ID (CASI): 19640059922
Publication Date: Dec 19, 1959
Authorized Users: U.S. Government agencies and U.S. Government agency contractors only

Author: Sahni, Roop C.; Cooley, James W.
Author Affil.: New York Univ.; New York Univ.
Report Number: NASA-TN-D-146-I
Document ID (CASI): 20080021721
Publication Date: December 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): The ten year plan of the national aeronautics and space administration
Accession Number: 64X80466
Document ID (CASI): 19640058444
Publication Date: Dec 18, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): LUNAR SOFT LANDING STUDY
Author: Sparks, O. L.
Author Affil.: Army Missile Command
Accession Number: 63X81720
Document ID (CASI): 19630044309
Publication Date: Dec 17, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): PROJECT ABLE-4, DEEP-SPACE PROBE. DETAILED TEST OBJECTIVES
Accession Number: 63X82357
Document ID (CASI): 19630044945
Publication Date: Dec 10, 1959
Authorized Users: NASA personnel only
Title (Incl. Subtitle): Transonic flutter investigation of models of T-tail of Blackburn NA-39 airplane
Author: Farmer, M. G.; Jones, G. W., Jr.
Author Affil.: NASA Langley Research Center; NASA Langley Research Center
Accession Number: 71X80118
Document ID (CASI): 19710081530
Publication Date: Dec 9, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Derivation and Tabulation of Molecular Integrals
Author: Sahni, Roop C.; Cooley, James W.
Author Affil.: New York Univ.; New York Univ.
Report Number: NASA-TN-D-146
Document ID (CASI): 20060056397
Publication Date: December 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Specification for rocket propulsion system AGC model AJ10-118 for Stage 2 NASA - Delta space research vehicle
Accession Number: 74N74479
Report Number: NASA-CR-58758; REPT-60-SBXPZ-2; REPT-7843077-B
Document ID (CASI): 19740076540
Publication Date: Dec 4, 1959
Authorized Users: U.S. Government agencies only

Title (Incl. Subtitle): [No Title]
Accession Number: 63X81987
Report Number: NASA-CR-51354; SM-36307
Document ID (CASI): 19630044576
Publication Date: Dec 4, 1959
Authorized Users: U.S. Government agencies and U.S. Government agency contractors only

Title (Incl. Subtitle): TEN-YEAR PLAN
Accession Number: 63X82764
Document ID (CASI): 19630045350
Publication Date: Dec 3, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Saturn report
Accession Number: 64X80215
Report Number: NASA-TM-X-50787
Document ID (CASI): 19640058212
Publication Date: Dec 3, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): RADIATION LEVELS VERSUS GEOMAGNETIC LATITUDE AT 5,600 NAUTICAL MILES ABOVE SURFACE TECHNICAL REPORT
Author: Arnoldy, R. L.; Hoffman, R. A.; Winckler, J. R.
Author Affil.: Minnesota Univ.; Minnesota Univ.; Minnesota Univ.
Accession Number: 63X82574
Document ID (CASI): 19630045160
Title (Incl. Subtitle): Feasibility study of a high mass-ratio motor
Author: Juaran, C. E.
Author Affil.: Grand Central Rocket Co.
Accession Number: 73X81658
Report Number: NASA-CR-136117; MPR-5; GCR-P-0054-59
Document ID (CASI): 19730078078
Publication Date: Oct 31, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): TEST FLIGHT AM-19A
Accession Number: 63X82263
Report Number: NASA-TM-X-50113
Document ID (CASI): 19630044852
Publication Date: Oct 26, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Nasa f-1 engine program third quarterly progress report, 1 jul. - 30 sep. 1959
Author: Aldrich, D. E.
Accession Number: 64X80681
Report Number: NASA-CR-55996; R-1555-3
Document ID (CASI): 19640058659
Publication Date: Oct 20, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): PRELIMINARY DESIGN INFORMATION FOR SATURN SECOND AND THIRD STAGES
Accession Number: 63X82440
Document ID (CASI): 19630045027
Publication Date: Oct 19, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Astronautics information literature search no. 143, supplement
Author: Barber, E.; Sweitzer, D.
Accession Number: 65X80500
Report Number: NASA-CR-50690; JPLA/LS-143
Document ID (CASI): 19650078086
Publication Date: Oct 15, 1959
Authorized Users: U.S. Government agencies only

Title (Incl. Subtitle): Monthly progress report, September 1959
Accession Number: 75X70657
Report Number: NASA-CR-141174; MPR-7; S-121649
Document ID (CASI): 19750073265
Publication Date: Oct 6, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): ON BOUNDARD LAYERS ASSOCIATED WITH OSCILLATING STREAMS
Author: Kestin, J.; Maeder, P. F.; Wang, H. E.
Accession Number: 63X82929
APPENDIX AERONAUTICAL AND SPACE RESEARCH PROGRAM

THE TITLE OF THIS REPORT IS SECRET OR UNDESIGNATED AND IS OMITTED FROM THE CITATION

Vega project second stage propulsion

Space programs summary no. 4 for the period 15 May 1959 to 15 July 1959 (U)

Experimental performance of a 200 pound thrust liquid-pentaborane liquid-hydrazine rocket

Plug nozzle program
Title (Incl. Subtitle): Toward a rationale for a national space program  
Accession Number: 65X82474  
Report Number: NASA-CR-63327; R-349-NASA  
Document ID (CASI): 19650080056  
Publication Date: Jul 22, 1959  
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Vega project, second stage propulsion  
Accession Number: 74X70022  
Report Number: NASA-CR-136247; MR-4  
Document ID (CASI): 19740080436  
Publication Date: Jul 18, 1959  
Authorized Users: NASA personnel only

Title (Incl. Subtitle): [No Title]  
Accession Number: 63X81990  
Report Number: NASA-CR-51352; SM-36012  
Document ID (CASI): 19630044579  
Publication Date: Jul 15, 1959  
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Monthly progress report, June 1959 no. 4, for June 1959  
Accession Number: 75X71010  
Report Number: NASA-CR-141126; S-120570-4; MPR-4  
Document ID (CASI): 19750073618  
Publication Date: Jul 15, 1959  
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Preparation and unexpected detonation of magnesium-coated ammonium perchlorate  
Author: Franzgrote, E.; Stembridge, C.  
Accession Number: 74X74233  
Document ID (CASI): 19740084647  
Publication Date: Jul 10, 1959  
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Detailed test objectives, project able-3, earth satellite  
Accession Number: 66X83302  
Report Number: NASA-CR-75478; STL-59-0000-00556  
Document ID (CASI): 19660091738  
Publication Date: Jul 7, 1959  
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Some research on the lift and stability of wing-body combinations  
Author: Fields, E. M.; Purser, P. E.  
Author Affil.: NASA Langley Research Center; NASA Langley Research Center  
Accession Number: 69X76955  
Report Number: NACA-RM-L55G06A  
Document ID (CASI): 19690093432  
Publication Date: Jul 2, 1959  
Authorized Users: U.S. Government agencies and U.S. Government agency contractors only
Title (Incl. Subtitle): Preliminary study of capsule recovery for the first series of Project Mercury orbital flights
Accession Number: 74N71060
Document ID (CASI): 19740073121
Publication Date: Jul 1, 1959
Authorized Users: U.S. Government agencies only

Title (Incl. Subtitle): DELTA LUNAR PROBE CAPABILITIES
Accession Number: 63X82465
Report Number: NASA-CR-51428; SM-36024
Document ID (CASI): 19630045052
Publication Date: Jul 1, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Forming of Inconel X
Author: Germann, R.; Shaver, C. J.
Author Affil.: Republic Aviation Corp.; Republic Aviation Corp.
Accession Number: 73X74624
Report Number: NASA-CR-131664; ITR-3
Document ID (CASI): 19730071045
Publication Date: Jul 1, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Longitudinal aerodynamic characteristics of ten booster-glider models for Project Dyna-soar at Mach numbers of 0.7 and 1.0
Author: Trescot, C. D., Jr.; West, F. E., Jr.; Wiley, A. N., Jr.
Author Affil.: NASA Langley Research Center; NASA Langley Research Center; NASA Langley Research Center
Accession Number: 71X77303
Document ID (CASI): 19710078720
Publication Date: Jul 1, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Wind-tunnel investigation of the lift and drag characteristics of a Lockheed WS-125A airplane model at Mach numbers from 0.40 to 0.96
Author: Dickey, R. R.
Author Affil.: NASA Goddard Space Flight Center
Accession Number: 71X77305
Report Number: NASA-MEMO-SX-108; AF-AM-174
Document ID (CASI): 19710078722
Publication Date: Jul 1, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Studies of use of the scout as a booster vehicle for lunar exploration
Author: Mayo, W. L.; Michael, W. H., Jr.; Tolson, R. H.
Author Affil.: NASA Manned Spacecraft Center; NASA Manned Spacecraft Center; NASA Manned Spacecraft Center
Accession Number: 66X80459
Report Number: NASA-TM-X-56468
Document ID (CASI): 19660088904
Title (Incl. Subtitle): Nasa f-1 engine program quarterly progress report, period ending 31 mar. 1959
Accession Number: 66X81024
Report Number: NASA-CR-70010; R-1555-1
Document ID (CASI): 19660089468
Publication Date: May 12, 1959
Authorized Users: NASA personnel and NASA contractors only

Title (Incl. Subtitle): PRELIMINARY STUDY OF AN UNMANNED LUNAR SOFT LANDING VEHICLE /SCIENTIFIC APPLICATION/
Accession Number: 63X82674
Report Number: NASA-CR-51624
Document ID (CASI): 19630045260
Publication Date: May 1, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Vega project second stage propulsion
Accession Number: 74X71199
Document ID (CASI): 19740081613
Publication Date: May 1, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Escape rocket capsule model 133, mc donnell aircraft corp. monthly progress report no. 2, 1 - 30 apr. 1959
Author: Bachtel, A. K.
Author Affil.: Grand Central Rocket Co.
Accession Number: 64X81728
Report Number: P-0016-59; NASA-CR-138581
Document ID (CASI): 19640059704
Publication Date: Apr 30, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Distribution of aerodynamic loads on the atlas able-4
Author: Adams, R. H.
Author Affil.: Space Technology Labs., Inc.
Accession Number: 66X82405
Report Number: NASA-CR-75477; TN-59-0000-00252
Document ID (CASI): 19660090845
Publication Date: Apr 10, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Monthly progress report no. 1, 2-31 March 1959
Author: Williams, T. B.
Author Affil.: Callery Chemical Co.
Accession Number: 74X75092
Report Number: NASA-CR-139202
Document ID (CASI): 19740085506
Publication Date: Apr 7, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): ERROR ANALYSIS FOR TRANSIT AND TIROS SATELLITES
Author: Whitcombe, D. W.

Page 19
Title (Incl. Subtitle): [No Title]
Accession Number: 63X82313
Report Number: NASA-CR-140874
Document ID (CASI): 19630044901
Publication Date: Apr 1, 1959
Authorized Users: NASA personnel and NASA contractors only

Title (Incl. Subtitle): EPHEMERIS OF SATELLITE 1957 ALPHA 2
Author: Eckels, A.; Harris, I.; Jastrow, R.; Koldan, R.
Accession Number: 63X82931
Document ID (CASI): 19630045517
Publication Date: Apr 1, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Forming of Inconel X
Author: Germann, R.; Trepel, W. B.
Author Affil.: Republic Aviation Corp.; Republic Aviation Corp.
Accession Number: 73X74632
Document ID (CASI): 19730071053
Publication Date: Apr 1, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Effect of six missile-bay baffle configurations and a rocket end plate on ejection releases of an MB-1 rocket from a 0.05-scale model of the Convair F-106A airplane
Author: Hinson, W. F.; Lee, J. B.
Author Affil.: NASA Langley Research Center; NASA Langley Research Center
Accession Number: 75X75481
Report Number: NASA-MEMO-4-29-59L
Document ID (CASI): 19750078089
Publication Date: Mar 30, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Functional description of the vega vehicle system
Accession Number: 65X81620
Report Number: NASA-CR-62437; JPL-PUBL.-155A
Document ID (CASI): 19650079203
Publication Date: Mar 25, 1959
Authorized Users: U.S. Government agencies only

Title (Incl. Subtitle): Theory of the Double-Gyroscopic Vertical
Author: Ishlinski, A. Y.
Author Affil.: NASA Langley Research Center
Report Number: NASA-RE-3-10-59W; E-155
Document ID (CASI): 20030067234

Page 20
Title (Incl. Subtitle): Wall Turbulence
Author: Ferrari, Carlo
Author Affil.: NASA
Report Number: NASA-RE-2-8-59W
Document ID (CASI): 20030068310
Publication Date: March 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): [No Title]
Accession Number: 63X82312
Report Number: ARPA-C-207406; NASA-CR-140875
Document ID (CASI): 19630044900
Publication Date: Mar 1, 1959
Authorized Users: NASA personnel and NASA contractors only

Title (Incl. Subtitle): Photography from the viking 12 rocket at altitudes ranging up to 143.5 miles progress report
Author: Baumann, R. C.; Winkler, L.
Accession Number: 64X80138
Report Number: NASA-TM-X-51353
Document ID (CASI): 19640058135
Publication Date: Mar 1, 1959
Authorized Users: U.S. Government agencies only

Title (Incl. Subtitle): Jet Propulsion Laboratory general specification: VEGA space vehicle system
Accession Number: 73X81651
Report Number: NASA-CR-136118; JPL-SPEC-30200
Document ID (CASI): 19730076071
Publication Date: Feb 27, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Vega space vehicle system jpl general specification /second edition/
Accession Number: 64X80664
Report Number: NASA-CR-55984; JPL-30200, CHANGE A
Document ID (CASI): 19640058642
Publication Date: Feb 27, 1959
Authorized Users: U.S. Government agencies only

Title (Incl. Subtitle): A preliminary study of unsymmetrical dimethylhydrazine as a monopropellant progress report no. 30-1
Author: Pardee, R. P.
Author Affil.: Jet Propulsion Lab., California Inst. of Tech.
Accession Number: 65X85101
Report Number: NASA-CR-67513
Document ID (CASI): 19650082677
Publication Date: Feb 23, 1959
Authorized Users: U.S. Government agencies and U.S. Government agency contractors only

Title (Incl. Subtitle): 1958 NASA/USAF SPACE PROBES /ABLE-1/, VOLUME I- SUMMARY FINAL REPORT
Title (Incl. Subtitle): A national space vehicle program (U)
Accession Number: 72X75011
Report Number: NASA-TM-X-66794
Document ID (CASI): 19720073678
Publication Date: Jan 27, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Practical Solution of Plastic Deformation Problems in Elastic-Plastic Range
Author: Mendelson, A.; Manson, S. S.
Author Affil.: NASA Lewis Research Center; NASA Lewis Research Center
Report Number: NASA-TR-R-28
Document ID (CASI): 20090032650
Publication Date: 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Analysis of Turbulent Flow and Heat Transfer in Noncircular Passages
Author: Deissler, Robert G.; Taylor, Maynard F.
Author Affil.: NASA Lewis Research Center; NASA Lewis Research Center
Report Number: NASA-TR-R-31
Document ID (CASI): 20090006711
Publication Date: [1959]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Flight tests of a 1/8-scale model of the Bell D-188A jet VTOL engine
Author: Smith, C. C., Jr.
Author Affil.: NASA Langley Research Center
Accession Number: 71X77930
Report Number: NASA-MEMO-3-16-59L
Document ID (CASI): 19710079346
Publication Date: Jan 20, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Free spinning tunnel investigation of a 1/40 scale model of the McDonnell F-101A airplane
Author: Bowman, J. S., Jr.; Healy, F. M.
Author Affil.: NASA Langley Research Center; NASA Langley Research Center
Accession Number: 71X77931
Report Number: NASA-MEMO-3-14-59L
Document ID (CASI): 19710079347
Publication Date: Jan 15, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Space system development plan, interplanetary probe /able-4/
Accession Number: 66X81542
Report Number: NASA-CR-71328; AD-359678
Document ID (CASI): 19660089983
Publication Date: Jan 14, 1959
Authorized Users: U.S. Government agencies and U.S. Government agency contractors only
Title (Incl. Subtitle): MINUTES FOR NASA SYMPOSIUM ON ABL X248 MOTORS HELD AT ALLEGANY BALLISTICS LABORATORY, OCTOBER 28, 29, 1959
Author: Moody, G. H.; Porter, M. G.; Skurzynski, E. J.
Author Affil.: Hercules Powder Co.; Hercules Powder Co.; Hercules Powder Co.
Accession Number: 63X82626
Report Number: NASA-CR-51438
Document ID (CASI): 19630045212
Publication Date: Jan 1, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): SATURN VEHICLE TEAM /U/ <1959>
Accession Number: 63X82849
Report Number: NASA-TM-X-50909
Document ID (CASI): 19630045435
Publication Date: Jan 1, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Vega project second stage propulsion
Accession Number: 73X81625
Report Number: NASA-CR-136025; MR-6
Document ID (CASI): 19730078045
Publication Date: Jan 1, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Forming of Inconel 10
Author: Germann, R.; Trepel, W. B.
Author Affil.: Republic Aviation Corp.; Republic Aviation Corp.
Accession Number: 73X74622
Report Number: NASA-CR-131666; ITR-1
Document ID (CASI): 19730071043
Publication Date: Jan 1, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): The systems dynamics research airplane
Author: Foudriat, E. C.; Sjoberg, S. A.
Author Affil.: NASA Langley Research Center; NASA Langley Research Center
Accession Number: 73X70344
Document ID (CASI): 19730066765
Publication Date: Jan 1, 1959
Authorized Users: U.S. Government agencies and U.S. Government agency contractors only

Title (Incl. Subtitle): Adaptive control system program
Author: Triplett, W. C.
Author Affil.: NASA Ames Research Center
Accession Number: 73X70345
Document ID (CASI): 19730066766
Publication Date: Jan 1, 1959
Title (Incl. Subtitle): On an adaptive autopilot using a nonlinear feedback control system
Author: Mclean, J. D.; Schmidt, S. F.
Author Affil.: NASA Ames Research Center; NASA Ames Research Center
Accession Number: 73X70346
Document ID (CASI): 19730066767
Publication Date: Jan 1, 1959
Authorized Users: U.S. Government agencies and U.S. Government agency contractors only

Title (Incl. Subtitle): Stability characteristics of two missiles of fineness ratios 12 and 18 with six rectangular fins of very low aspect ratio over a Mach number range of 1.4 to 3.2
Author: Henning, A. B.
Author Affil.: NASA Langley Research Center
Accession Number: 69X76939
Report Number: NASA-MEMO-12-2-58L
Document ID (CASI): 19690093416
Publication Date: Jan 1, 1959
Authorized Users: U.S. Government agencies and U.S. Government agency contractors only

Title (Incl. Subtitle): Considerations affecting satellite and space probe research with particular emphasis on scout as a launch vehicle
Accession Number: 68X80541
Document ID (CASI): 19680085770
Publication Date: Jan 1, 1959
Authorized Users: NASA personnel and NASA contractors only

Title (Incl. Subtitle): [No Title]
Author: Daugherty, J. C.; Green, K. H.; Hedstrom, C. E.
Accession Number: 67X86142
Report Number: NASA-TM-SX-91
Document ID (CASI): 19670093756
Publication Date: Jan 1, 1959
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Delta monthly administrative progress report, November 1959
Accession Number: 66X82404
Report Number: NASA-CR-75487
Document ID (CASI): 19660090844
Publication Date: Jan 1, 1959
Authorized Users: U.S. Government agencies only

Author: Juran, C. E.
Author Affil.: Grand Central Rocket Co.
Accession Number: 66X80461
Report Number: NASA-CR-68666; P-0024-59
Document ID (CASI): 1966008906
Publication Date: Jan 1, 1959
Authorized Users: U.S. Government agencies and U.S. Government agency contractors only
Title (Incl. Subtitle): DEVELOPMENT AND FUNDING PLAN FOR AOMC SUPPORT OF NASA MANNED SATELLITE PROJECT
Accession Number: 63X82274
Report Number: NASA-CR-51689
Document ID (CASI): 19630044862
Publication Date: Dec 12, 1958
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Development and funding plan for AOMC support of NASA manned-satellite project
Accession Number: 78X73566
Report Number: NASA-CR-155809
Document ID (CASI): 19780083893
Publication Date: Dec 12, 1958
Authorized Users: U.S. Government agencies only

Title (Incl. Subtitle): RAPID-OPENING MECHANICAL GATE VALVE
Author: Charters, A. C.; Denardo, B. P.
Author Affil.: NASA Ames Research Center; NASA Ames Research Center
Accession Number: 63X82864
Document ID (CASI): 19630045450
Publication Date: Dec 2, 1958
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Heat-transfer measurements on a 5.5-inch-diameter hemispherical concave nose in free flight at Mach numbers up to 6.6
Author: Levine, J.; Rumsey, C. B.
Author Affil.: NASA Langley Research Center; NASA Langley Research Center
Accession Number: 69X76956
Report Number: NASA-MEMO-10-21-58L
Document ID (CASI): 19690093433
Publication Date: Dec 1, 1958
Authorized Users: U.S. Government agencies and U.S. Government agency contractors only

Title (Incl. Subtitle): [No Title]
Author: Dunholter, H. F.
Accession Number: 64X80309
Report Number: NASA-CR-55242
Document ID (CASI): 19640058287
Publication Date: Dec 1, 1958
Authorized Users: NASA personnel only

Title (Incl. Subtitle): [No Title]
Accession Number: 66X81523
Report Number: NASA-CR-71334; R-1174P
Document ID (CASI): 19660089964
Publication Date: Nov 10, 1958
Authorized Users: U.S. Government agencies and U.S. Government agency contractors only
Title (Incl. Subtitle): Test vehicle attitude control system. A proposal prepared in response to specification S-1
Accession Number: 76X73329
Report Number: NASA-CR-146489; MOSC-139
Document ID (CASI): 19760079973
Publication Date: Oct 20, 1958
Authorized Users: U.S. Government agencies only

Title (Incl. Subtitle): Heat transfer and pressure measurements from a flight test of the third 1/18-scale model of the Titan intercontinental ballistic missile up to a Mach number of 3.86 and Reynolds number per foot of 23.5 million and a comparison with heat transfer of two other models
Author: Graham, J. B., Jr.
Author Affil.: NASA Langley Research Center
Accession Number: 71X75074
Report Number: NASA-MEMO-11-1-58L; AF-AM-70
Document ID (CASI): 19710076492
Publication Date: Oct 1, 1958
Authorized Users: NASA personnel only

Title (Incl. Subtitle): An investigation of the aerodynamic characteristics of a 1/15-scale model of WS-117L with booster B at Mach numbers from 2.49 to 3.53
Author: Bright, L. G.
Author Affil.: NASA Ames Research Center
Accession Number: 71X75075
Report Number: NASA-MEMO-10-12-58A
Document ID (CASI): 19710076493
Publication Date: Oct 1, 1958
Authorized Users: NASA personnel only

Title (Incl. Subtitle): A wind tunnel investigation of the aerodynamic characteristics of a 1/15-scale model of the Lockheed WS-117L vehicle plus booster B at Mach numbers from 0.70 to 1.45
Author: Fahey, R. E.
Author Affil.: NASA Ames Research Center
Accession Number: 71X75076
Report Number: NASA-MEMO-10-10-58A
Document ID (CASI): 19710076494
Publication Date: Oct 1, 1958
Authorized Users: NASA personnel only

Title (Incl. Subtitle): An experimental investigation of the aerodynamic characteristics of a 1/15-scale model of the Lockheed WS-117L vehicle plus booster B at Mach numbers from 1.55 to 2.35
Author: Martin, N. J.
Author Affil.: NASA Ames Research Center
Accession Number: 71X75077
Report Number: NASA-MEMO-10-11-58A
Document ID (CASI): 19710076495
Publication Date: Oct 1, 1958
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Hovering and transition flight tests of a 1/5-scale model of the Ryan X-13 VTOL airplane
Author: Smith, C. C., Jr.
Title (Incl. Subtitle): 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
Author: Bernot, P. T.; Robinson, R. B.
Author Affil.: NASA Langley Research Center; NASA Langley Research Center

Title (Incl. Subtitle): Experimental investigation of flutter and divergence characteristics of the rocket-motor fin of the ASROC missile
Author: Hanson, P. W.; Levey, G. M.
Author Affil.: NASA Langley Research Center; NASA Langley Research Center

Title (Incl. Subtitle): X-15 structure and structural development
Author: Davis, C. L

Title (Incl. Subtitle): The XLR99-RM-1 engine for the X-15 airplane
Author: Seaman, Robert W

Title (Incl. Subtitle): BOUNDARY-LAYER-TRANSITION MEASUREMENTS IN FULL-SCALE FLIGHT
Author: Banner, R. D.; Mc Tigue, J. G.; Petty, G., Jr.
Author Affil.: NASA Flight Research Center; NASA Flight Research Center; NASA Flight Research Center

Title (Incl. Subtitle): Preliminary aerodynamic data pertinent to manned satellite reentry configurations
Author: Armstrong, W. O.; Penland, J. A.
Author Affil.: NASA Langley Research Center; NASA Langley Research Center
Title (Incl. Subtitle): Longitudinal and Lateral Stability and Control Characteristics and Vertical-Tail-Load Measurements for a 0.03-Scale Model of the Avro CF-105 Airplane at Mach Numbers of 1.60, 1.80, and 2.00
Author: Silvers, H. Norman; Fournier, Roger H.; Wills, Jane S.
Report Number: NACA-RM-SL58G28
Document ID (CASI): 20050028468
Publication Date: [1958]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): THE UPPER ATMOSPHERE STUDIED BY ROCKETS AND SATELLITES
Author: Newell, H. E., Jr.
Accession Number: 63X81689
Report Number: NASA-TM-X-60653
Document ID (CASI): 19630044278
Publication Date: Jan 1, 1958
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Turbine engines for high-speed flight
Author: Henneberry, H. M.; Zimmerman, A. V.
Author Affil.: NASA Lewis Research Center; NASA Lewis Research Center
Accession Number: 68X84157
Report Number: NASA-TM-X-60935; NACA-C-8548
Document ID (CASI): 19680089382
Publication Date: Jan 1, 1958
Authorized Users: U.S. Government agencies and U.S. Government agency contractors only

Title (Incl. Subtitle): Sodium levels in urine and lymph following elevation of inferior vena cava pressure
Author: Cockett, A. T. K.; Katz, Y. J.; Moore, R. S.
Author Affil.: California Univ.; California Univ.; California Univ.
Accession Number: 66X20993
Report Number: NASA-CR-76974
Document ID (CASI): 19660077318
Publication Date: Jan 1, 1958
Authorized Users: NASA personnel and NASA contractors only

Title (Incl. Subtitle): Static pressure measurements in a hypervelocity shock tunnel
Author: Bowman, G. H.; Coon, G. W.
Author Affil.: NASA Ames Research Center; NASA Ames Research Center
Accession Number: 64X82361
Document ID (CASI): 19640060315
Publication Date: Jan 1, 1958
Authorized Users: NASA personnel only

Title (Incl. Subtitle): The supersonic blunt-body problem - review and extension
Author: Van Dyke, M. D.
Author Affil.: NASA Ames Research Center
Accession Number: 64X81065
Document ID (CASI): 19640059043
Title (Incl. Subtitle): The temperature-dependence of the refractive index of tetragonal bati03 by a modified chauntes method  
Author: De Vries, R. C.; Lawless, W. N.  
Accession Number: 64X81005  
Report Number: NASA-CR-56026  
Document ID (CASI): 19640058983  
Publication Date: Jan 1, 1958  
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Direct observations of the solar wind by the mariner ii spacecraft  
Author: Neugebauer, M.; Snyder, C. W.  
Accession Number: 64X80561  
Report Number: NASA-CR-55422  
Document ID (CASI): 19640058539  
Publication Date: Jan 1, 1958  
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Anisotropic oxygen polarizability in carbonate minerals  
Author: De Vries, R. C.; Lawless, W. N.  
Accession Number: 64X80876  
Report Number: NASA-CR-53895  
Document ID (CASI): 19640058854  
Publication Date: Jan 1, 1958  
Authorized Users: NASA personnel only

Title (Incl. Subtitle): 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 by 10 to the 6th power  
Author: Chauvin, L. T.; Graham, J. B., Jr.; Speegle, K. C.  
Author Affil.: NASA Langley Research Center; NASA Langley Research Center; NASA Langley Research Center  
Accession Number: 71X74410  
Report Number: NACA-RM-SL57L16A; AF-AM-70  
Document ID (CASI): 19710075828  
Publication Date: Dec 19, 1957  
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Investigation at High Subsonic Speeds of the Static Longitudinal and Lateral Stability Characteristics of Two Canard Airplane Configurations  
Author: Steeman, William C., Jr.  
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.  
Report Number: NACA-RM-L57J08  
Document ID (CASI): 20050019253  
Publication Date: December 03, 1957  
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Surge-Inception Study in a Two-Spool Turbojet Engine  
Title Supplement: Revised  
Author: Wallner, Lewis E.; Lubick, Robert J.; Saari, Martin J.
Author: Hickel, Robert O.; Richards, Hadley T.

Title (Incl. Subtitle): Heat of Combustion of the Product Formed by the Reaction of Acetylene, Ethylene, and Diborane
Author: Tannenbaum, Stanley

Title (Incl. Subtitle): Heat of Combustion of the Product Formed by the Reaction of Acetylene and Diborane (LFPL-CZ-3)
Author: Allen, Harrison, Jr.; Tannenbaum, Stanley

Title (Incl. Subtitle): Free spinning and recovery characteristics of 1/36 scale model of the Republic F-105B airplane
Author: Bowman, James S., Jr.

Title (Incl. Subtitle): Blow-Out Velocities of Solutions of Hydrocarbons and Boron Hydride - Hydrocarbon Reaction Products in a 1 7/8-Inch-Diameter Combustor
Author: Morris, James F.; Lord, Albert M.
Title (Incl. Subtitle): Preliminary Note on a Correlation of a Boundary-Layer Transition Results on Highly Cooled Blunt Bodies
Author: Wisniewski, Richard J.
Author Affil.: National Advisory Committee for Aeronautics. Lewis Flight Propulsion Lab.
Report Number: NACA-RM-E-57J14
Document ID (CASI): 20090024827
Publication Date: October 14, 1957
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Internal Performance of Several Divergent-Shroud Ejector Nozzles with High Divergence Angles
Author: Trout, Arthur M.; Papell, S. Stephen; Povolny, John H.
Report Number: NACA-RM-E57F13
Document ID (CASI): 20050156648
Publication Date: October 02, 1957
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Wind tunnel tests of a series of practice bombs
Author: Ward, D. H.
Author Affil.: NASA Langley Research Center
Accession Number: 63X80327
Report Number: NACA-RM-SL57J15A
Document ID (CASI): 19630043871
Publication Date: Oct 1, 1957
Authorized Users: U.S. Government agencies and U.S. Government agency contractors only

Title (Incl. Subtitle): Wind-tunnel flutter tests at Mach numbers up to 3.0 of Boeing wing models for weapons system 110A
Author: Levey, G. M.; Rainey, A. G.; Tuovila, W. J.
Author Affil.: NASA Langley Research Center; NASA Langley Research Center; NASA Langley Research Center
Accession Number: 69X77212
Report Number: NACA-RM-SL57J11A
Document ID (CASI): 19690093689
Publication Date: Sep 27, 1957
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Altitude Starting Tests of a 1000-Pound-Thrust Solid-Propellant Rocket
Author: Sloop, John L.; Rollbuhler, R. James; Krawczonek, Eugene M.
Report Number: NACA-RM-E57G29
Document ID (CASI): 20050019243
Publication Date: September 13, 1957
Title (Incl. Subtitle): A Fuselage Addition to Delay Drag-Rise Mach Number of Subsonic Airplanes at Lifting Conditions  
Author: Whitcomb, Richard T.  
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.  
Report Number: NACA-RM-L57H09b  
Document ID (CASI): 20090026510  
Publication Date: August 06, 1957  
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Investigation 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  
Author: Luoma, A. A.  
Author Affil.: NASA Langley Research Center  
Accession Number: 71X75080  
Report Number: NACA-RM-SL57H06  
Document ID (CASI): 19710076498  
Publication Date: Aug 23, 1957  
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Investigation of ejection releases of an MB-1 rocket from a 0.04956-scale model of the Convair F-106A airplane at several Mach numbers and simulated altitudes  
Author: Lee, J. B.; Basford, R. C.  
Author Affil.: NASA Langley Research Center; NASA Langley Research Center  
Accession Number: 75X75480  
Report Number: NACA-RM-SL-57I11  
Document ID (CASI): 19750078088  
Publication Date: Aug 22, 1957  
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Preliminary Internal Performance Data for a Variable-Ejector Assembly on the XJ79-GE-1 Turbojet Engine  
Title: Number of Part: II  
Title: Name of Part: Afterburning Configurations  
Author: Bloomer, Harry E.; Groesbeck, Donald E.  
Report Number: NACA-RM-E57F25  
Document ID (CASI): 20050019281  
Publication Date: July 30, 1957  
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Comparative study of turbofan and turbojet engines  
Author: Benser, W. A.; Gabriel, D. S.; Kaufman, H. R.  
Author Affil.: NASA Lewis Research Center; NASA Lewis Research Center; NASA Lewis Research Center  
Accession Number: 71X72136  
Report Number: NACA-RM-SE57G17  
Document ID (CASI): 19710073554  
Publication Date: Jul 19, 1957  
Authorized Users: NASA personnel only
Title (Incl. Subtitle): Performance Evaluation of Reduced-Chord Rotor Blading as Applied to J73 Two-Stage Turbine with Standard Rotor Blades at Inlet Conditions of 35 Inches of Mercury Absolute and 700 deg R
Author: Schurn, Harold J.
Author Affil.: National Advisory Committee for Aeronautics. Lewis Flight Propulsion Lab.
Report Number: NACA-RM-E53L28A
Document ID (CASI): 20050019426
Publication Date: July 11, 1957
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Low-speed cascade investigation of thin low-camber NACA 65-series blade sections at high inlet angles
Author: Emery, James C
Accession Number: 93R19233
Report Number: NACA-RM-L57E03
Document ID (CASI): 19930089943
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Static Longitudinal and Lateral Stability Characteristics of an 0.065-Scale Model of the Chance Vought XRSSM-N-9a (REGULUS II) Missile at Mach Numbers from 1.6 to 2.0 (TED No. NACA AD 3122)
Author: Hofstetter, William R.
Author Affil.: National Advisory Committee for Aeronautics. Ames Aeronautical Lab.
Report Number: NACA-RM-SA57F06
Document ID (CASI): 20090025471
Publication Date: June 06, 1957
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Heat transfer in regions of separated and reattached flows
Author: Crawford, Davis H; Rumsey, Charles B
Accession Number: 93R23137
Report Number: NACA-RM-L57D25b
Document ID (CASI): 19930093815
Authorized Users: NASA personnel only

Title (Incl. Subtitle): NACA Zero Power Reactor Facility Hazards Summary
Report Number: NACA-RM-SE57F28
Document ID (CASI): 20090023312
Publication Date: June 24, 1957
Authorized Users: NASA personnel only

Title (Incl. Subtitle): 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
Author: Lee, J. B.
Author Affil.: NASA Langley Research Center
Accession Number: 78X76889
Document ID (CASI): 19780087116
Publication Date: May 20, 1957
Authorized Users: U.S. Government agencies only

Title (Incl. Subtitle): Relation of currently estimated ANP performance to required ANP performance
Author: Cesaro, R. S.; Rothrock, A. M.
Title (Incl. Subtitle): 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
Author: Church, James D.; Sista, Lawrence M.
Report Number: NACA-RM-SL57E06
Document ID (CASI): 20050028461
Publication Date: May 10, 1957
Authorized Users: NASA personnel only

Title (Incl. Subtitle): 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 1.08. Coord. No. AF-AM-69
Author: Carter, Howard S.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL57E31a
Document ID (CASI): 20090026357
Publication Date: May 14, 1957
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Wind-tunnel tests of the static longitudinal characteristics at low speed of a swept-wing airplane with slotted flaps, area-suction flaps, and wing leading-edge devices
Author: Maki, Ralph L; James, Harry A
Accession Number: 93R18832
Report Number: NACA-RM-A57A24
Document ID (CASI): 19930089542
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Steady Nuclear Combustion in Rockets
Author: Saenger, E.
Report Number: NACA-TM-1405
Document ID (CASI): 20050169477
Publication Date: April 1957
Authorized Users: NASA personnel only

Title (Incl. Subtitle): 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
Author: Lee, J. B.
Author Affil.: NASA Langley Research Center
Accession Number: 75X76231
Report Number: NACA-RM-SL57E07
Document ID (CASI): 19750078839
Publication Date: Apr 15, 1957
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Naca conference on hydrogen for turbojet and ram-jet powered flight
Accession Number: 65X822886
Title (Incl. Subtitle): Free-flight skin temperature and pressure measurements on a slightly blunted 25 deg cone-cylinder-flare configuration to a Mach number of 9.89
Author: Bond, A. C.; Rumsey, C. B.
Author Affil.: NASA Langley Research Center; NASA Langley Research Center
Accession Number: 69X76754
Report Number: NACA-RM-L57B18
Document ID (CASI): 19690093231
Publication Date: Apr 10, 1957
Authorized Users: U.S. Government agencies and U.S. Government agency contractors only

Title (Incl. Subtitle): Effects of Inlet Modification and Rocket-Rack Extension on the Longitudinal Trim and Low-Lift Drag of the Douglas F5D-1 Airplane as Obtained with a 0.125-Scale Rocket-Boosted Model between Mach Numbers of 0.81 and 1.64, TED No. NACA AD 399
Author: Hastings, Earl C., Jr.; Dickens, Waldo L.
Report Number: NACA-RM-SL57D30
Document ID (CASI): 20050019290
Publication Date: April 19, 1957
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Measurements of Heat Transfer and Boundary-Layer Transition on an 8-Inch-Diameter Hemisphere-Cylinder in Free Flight for a Mach Number Range of 2.00 to 3.88
Author: Garland, Benjamine J.; Chauvin, Leo T.
Report Number: NACA-RM-L57D04a
Document ID (CASI): 20050019361
Publication Date: April 18, 1957
Authorized Users: NASA personnel only

Title (Incl. Subtitle): The Effect of Solid Admixtures on the Velocity of Motion of a Free Dusty Air Jet
Author: Chernov, A. P.
Report Number: NACA-TM-1430
Document ID (CASI): 20050169555
Publication Date: April 1957
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Altitude-Wind-Tunnel Investigation of the 19B-2, 19B-8, and 19XB-1 Jet Propulsion Engines
Title: Number of Part: 3
Title: Name of Part: Performance and Windmilling Drag Characteristics
Author: Fleming, William A.; Dietz, Robert O., Jr.
Report Number: NACA-RM-E7C13
Document ID (CASI): 20090026312
Publication Date: March 13, 1957
Authorized Users: NASA personnel only
Title (Incl. Subtitle): Experimental Investigation of Vibratory Stresses in a Concentric-Ring Direct-Air-Cycle Nuclear Fuel Element
Author: Chiarito, Patrick T.
Author Affil.: National Advisory Committee for Aeronautics. Lewis Flight Propulsion Lab.
Report Number: NACA-RM-E57A29
Document ID (CASI): 20090024826
Publication Date: January 29, 1957

Title (Incl. Subtitle): Wind-Tunnel Investigation of the Republic F-105 Inlet with Various Modifications at Mach 1.41, 1.81, and 2.01
Author: Robins, A. Warner
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL7A28
Document ID (CASI): 20090023597
Publication Date: [1957]

Title (Incl. Subtitle): Investigation of Drag and Static Longitudinal and Lateral Stability and Control Characteristics of 1/20-Scale Model of McDonnell F4H-1 Airplane at Mach Numbers of 1.57, 1.87, 2.16, and 2.53. Phase II Model
Author: Carmel, Melvin M.; Turner, Kenneth L.
Report Number: NACA-RM-SL7A14
Document ID (CASI): 20090023600
Publication Date: January 22, 1957

Title (Incl. Subtitle): COMPUTING SQUARES AND SQUARE ROOTS BY SERIES
Author: Cliff, R. A.; Schaefer, D. H.
Author Affil.: NASA Goddard Space Flight Center; NASA Goddard Space Flight Center
Accession Number: 63X15403
Document ID (CASI): 19630035456
Publication Date: Jan 1, 1957

Title (Incl. Subtitle): PRELIMINARY STUDY OF THE EFFECT OF BINARY ALLOY ADDITIONS ON THE OXIDATION RESISTANCE OF COLUMBIUM
Author: Barrett, C. A.; Clauss, F. J.
Author Affil.: NASA Lewis Research Center; NASA Lewis Research Center
Accession Number: 63X81764
Document ID (CASI): 19630044353
Publication Date: Jan 1, 1957

Title (Incl. Subtitle): Interaction potential for hehplus triplet state
Author: Bentley, B.
Author Affil.: NASA Ames Research Center
Title (Incl. Subtitle): Dynamic response of a nonlinear membrane in supersonic flow
Author: McElman, J. A.; Schaeffer, H. G.
Author Affil.: NASA Langley Research Center; NASA Langley Research Center
Accession Number: 64X81968
Publication Date: Jan 1, 1957

Title (Incl. Subtitle): Wind tunnel investigation at low speed of aerodynamic characteristics of Army Chemical Corps model E-112 bomblets with span chord ratio of 2 - 1
Author: Letko, W.
Author Affil.: NASA Langley Research Center
Accession Number: 71X73176
Publication Date: Dec 26, 1956

Title (Incl. Subtitle): The High-Speed Longitudinal Stability and Control of the Bell P-39N-1 Airplane as Calculated from Propeller-Off Tests of a 0.34-Scale Model
Author: Robinson, Robert C.; Perone, Angelo

Title (Incl. Subtitle): Compilation and analysis of US turbojet and ramjet engine characteristics
Author: Cesaro, R. S.; Walker, C. L.
Accession Number: 71X74414

Title (Incl. Subtitle): Performance of pentabone, pentaborane - JP-4 fuel mixtures, and trimethylborate azeotrope fuel in a full-scale turbojet engine
Author: Breitwiesser, Roland; Useller, James W
Accession Number: 93R18899

Title (Incl. Subtitle): Structural design of the X-15 research airplane
Author: Schleicher, Richard L
Accession Number: 93R21726
Title (Incl. Subtitle): Transonic aerodynamic characteristics of a 1/15-scale model of the Convair B-58 airplane
Author: Swihart, J. M.
Author Affil.: NASA Langley Research Center
Accession Number: 71X75081
Report Number: NACA-RM-SL56J22
Document ID (CASI): 19710076499
Publication Date: Oct 19, 1956
Authorized Users: NASA personnel only

Title (Incl. Subtitle): NACA reactor facility hazards summary
Author: Hallman, T. M.; Lubarsky, B.
Accession Number: 79X72232
Report Number: NASA-TM-79951
Document ID (CASI): 19790083007
Publication Date: Oct 15, 1956
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Investigation of ejection release characteristics of four dynamically scaled internal-store shapes from a 1/17-scale simulated bomb bay of the Republic F-105 airplane at Mach numbers of 1.39 and 1.98
Author: Lee, J. B.
Author Affil.: NASA Langley Research Center
Accession Number: 70X71613
Report Number: NACA-RM-SL56I28A; AF-222
Document ID (CASI): 19700090308
Publication Date: Oct 1, 1956
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Supersonic investigation of the lift, drag, static stability, and hinge-moment characteristics of a rocket-powered model of a ballistic-missile configuration
Author: Gillespie, W., Jr.
Author Affil.: NASA Langley Research Center
Accession Number: 69X76951
Report Number: NACA-RM-L56G24
Document ID (CASI): 19690093428
Publication Date: Sep 28, 1956
Authorized Users: U.S. Government agencies and U.S. Government agency contractors only

Title (Incl. Subtitle): An Experimental Investigation of Sting-Support Effects on Drag and a Comparison with Jet Effects at Transonic Speeds
Author: Cahn, Maurice S.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L56F18a
Document ID (CASI): 20090024828
Publication Date: September 24, 1956
Authorized Users: NASA personnel only
Title (Incl. Subtitle): Altitude Acceleration Investigation of the RA-14 Avon Turbojet Engine
Author: Russey, Robert E.
Author Affil.: National Advisory Committee for Aeronautics. Lewis Flight Propulsion Lab.
Report Number: NACA-RM-E56C01
Document ID (CASI): 20090026342
Publication Date: March 13, 1956
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Preliminary investigation of the static longitudinal and lateral stability characteristics of a 1/20-scale model of the McDonnell F4H-1 airplane at Mach numbers of 1.59, 1.89, and 2.09
Author: Carmel, M. M.; Gregory, D. T.
Author Affil.: NASA Langley Research Center; NASA Langley Research Center
Report Number: NACA-RM-SL56C26
Document ID (CASI): 19690093467
Publication Date: Mar 23, 1956
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Laminar Flow About a Rotating Body of Revolution in an Axial Airstream
Author: Schlichting, H.
Report Number: NACA-TM-1415
Document ID (CASI): 20050019631
Publication Date: February 1956
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Tabulated Pressure Coefficient Data from a Tail Loads Investigation on a 1/15-Scale Model of the Goodyear XZP5K Airship
Author: Cannon, Michael D.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL56C12
Document ID (CASI): 20050028484
Publication Date: [1956]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Low-speed static stability characteristics of a complete model with an M-wing in mid and high positions and with three horizontal-tail heights
Author: Fournier, Paul G
Accession Number: 93R18331
Report Number: NACA-RM-L55J06
Document ID (CASI): 19930089041
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Static Longitudinal and Lateral Stability and Control Data Obtained from Tests of a 1/15-Scale Model of the Goodyear XZP5K Airship, TED No. NACA DE 211
Author: Cannon, Michael D.
Title (Incl. Subtitle): Directional Stability of Towed Airplanes
Author: Soehne, W.
Report Number: NACA-TM-1401
Document ID (CASI): 20050019614
Publication Date: January 1956
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Ditching Investigation of a 1/12-Scale Model of the Douglas F4D-1 Airplane, TED No. NACA DE 384
Author: Windham, John O.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL56G03
Document ID (CASI): 20050028460
Publication Date: [1956]
Authorized Users: NASA personnel only

Author: Bowman, James S., Jr.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL56L13
Document ID (CASI): 20050028470
Publication Date: [1956]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Dynamic Investigation of Release Characteristics of a Streamlined Internal Store from a Simulated Bomb Bay of the Republic F-105 Airplane at Mach Numbers of 0.8, 1.4, and 1.98, Coord. No. AF-222
Author: Lee, John B.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL56F01
Document ID (CASI): 20050028454
Publication Date: [1956]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): A Discussion of Helicopter Vibration Studies Including Flight Test and Analysis Methods used to Determine the Coupled Response of a Tandem Type
Author: Yeates, John E., Jr.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: N-41077
Document ID (CASI): 20090014742
Publication Date: January 23, 1956
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Static Longitudinal Stability Characteristics of a Series of 90-Millimeter Artillery Shells at Mach Numbers of 0.8, 0.9, 1.0, and 1.2
Author: Spooner, Stanley H.
Title (Incl. Subtitle): Exhaust Nozzles for Supersonic Flight with Turbojet Engines
Author: Shillito, Thomas B.; Hearth, Donald P.; Cortright, Edgar M.
Report Number: NACA-RM-E56A18
Document ID (CASI): 20090024829
Publication Date: January 18, 1956
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Flight Investigation to Determine the Effect of Jet Exhaust on Drag, Trim Characteristics, and Afterbody Pressures of a 0.125-Scale Rocket Model of the McDonnell F-101A Airplane
Author: Kennedy, Thomas L.
Report Number: NACA-RM-SL56B03
Document ID (CASI): 20090012112
Publication Date: [1965]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Lift, Drag, Static Stability, and Buffet Boundaries of a Model of the McDonnell F3H-1N Airplane at Mach Numbers from 0.40 to 1.27, TED No. NACA DE 351
Author: Crabill, Norman L.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL56A13
Document ID (CASI): 20050030066
Publication Date: January 31, 1956
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Aircraft structures testing at elevated temperatures
Author: Kotanchik, J. N.
Author Affil.: NASA
Accession Number: 75N70814
Document ID (CASI): 19750064566
Publication Date: Jan 1, 1956
Authorized Users: U.S. Government agencies and U.S. Government agency contractors only

Title (Incl. Subtitle): Talks presented to ardc committee on propulsion, march 28-29, 1956
Accession Number: 66X81906
Report Number: NASA-TM-X-57278
Document ID (CASI): 19660090347
Publication Date: Jan 1, 1956
Authorized Users: U.S. Government agencies and U.S. Government agency contractors only

Title (Incl. Subtitle): Electric arcs and thermal plasma
Author: Finkelnburg, W.; Maecker, H.
Accession Number: 65X81930
Some effects of roll rate on the longitudinal stability characteristics of the Hughes Falcon missile, "C" configuration, for a Mach number range of 1.1 to 1.8 as determined from flight test

Author: Baber, H. T., Jr.; Lundstrom, R. R.
Author Affil.: NASA Langley Research Center; NASA Langley Research Center
Accession Number: 69X73037
Report Number: NACA-RM-SL55L16
Document ID (CASI): 19690089517
Publication Date: Dec 27, 1955
Authorized Users: NASA personnel only

High-Speed Cascade Tests of the NACA 65-(12A(sub 10))10 and NACA 65-(12A(sub 2)(sub 8b))10 Compressor Blade Sections

Author: Dunavant, James C.; Emery, James C.; Walch, Howard C.; Westphal, Willard R.
Report Number: NACA-RM-L55I08
Document ID (CASI): 20050019400
Publication Date: December 21, 1955
Authorized Users: NASA personnel only

Author: Zerlaut, G. A.
Author Affil.: IIT Research Inst.
Accession Number: 71X83464
Report Number: NASA-CR-123274; IITRI-U6053-3
Document ID (CASI): 19710084873
Publication Date: Dec 1, 1955
Authorized Users: NASA personnel only

Flight Investigation at Low Angles of Attack to Determine the Longitudinal Stability and Control Characteristics of the Sidewinder Missile at Mach Numbers from 1.2 to 2.1
Author: Brown, Clarence A.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL55K16
Document ID (CASI): 20090026358
Publication Date: November 02, 1955
Authorized Users: NASA personnel only

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 inlet
Author: Canoro, P. A.; Kelly, H. N.
Author Affil.: NASA Langley Research Center; NASA Langley Research Center
Accession Number: 71X72132
Report Number: NACA-RM-SL55J10
Title (Incl. Subtitle): 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
Author: Neely, R. H.
Author Affil.: NASA Langley Research Center
Accession Number: 71X72133
Document ID (CASI): 19710073551
Publication Date: Nov 10, 1955
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Analysis of low-temperature nuclear-powered ram-jet missile for high altitudes
Author: Sams, Eldon W; Rom, Frank E
Accession Number: 93R18162
Report Number: NACA-RM-E55G21
Document ID (CASI): 19930088872
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Supplementary Investigation in the Langley Free-Spinning Tunnel of a 1/20-Scale Model of the Douglas XF4D-1 Airplane Including Spin-Recovery Parachute Tests of the Model Loaded to Simulate the Douglas F5D-1 Airplane
Author: Klinar, Walter J.; Lee, Henry A.
Report Number: NACA-RM-SL55L02; Rept-5269
Document ID (CASI): 20050030045
Publication Date: November 21, 1955
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Wind tunnel investigation at low speed of the aerodynamic characteristics of the Army Chemical Corps model E112 bomblets
Author: Letko, W.; Williams, J. L.
Author Affil.: NASA Langley Research Center; NASA Langley Research Center
Accession Number: 71X73375
Report Number: NACA-RM-SL55J26
Document ID (CASI): 19710074793
Publication Date: Nov 4, 1955
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Naca conference on aerodynamics of high-speed aircraft, a compilation of the papers presented
Accession Number: 64X81769
Report Number: NASA-TM-X-51886
Document ID (CASI): 19640059744
Publication Date: Nov 3, 1955
Authorized Users: U.S. Government agencies and U.S. Government agency contractors only

Author: Lieblein, Seymour
Author: Stoney, William E., Jr.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL55J31a; Rept-5246
Document ID (CASI): 20050030049
Publication Date: October 17, 1955
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Qualitative Results from a Flight Investigation to Determine Aileron Effectiveness of Two Rocket-Propelled 1/20-Scale Models of the MX -76 Missile
Author: Stevens, Joseph E.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL55J11; Rept-5215
Document ID (CASI): 20050030038
Publication Date: October 20, 1955
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Flight Test of the Lateral Stability of a 0.133-Scale Model of the Convair XFY-1 Airplane with Windmilling Propellers at Mach Numbers from 0.70 to 1.12 (TED No. NACA DE 369)
Author: Hollinger, James A.; Mitcham, Grady L.
Report Number: NACA-RM-SL55J31
Document ID (CASI): 20090023602
Publication Date: October 24, 1955
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Flight investigation of a roll-stabilized ramjet test vehicle over a Mach number range of 2.3 to 2.7
Author: Kennedy, T. L.; Trout, O. F., Jr.
Author Affil.: NASA Langley Research Center; NASA Langley Research Center
Accession Number: 69X76954
Report Number: NACA-RM-L55H11
Document ID (CASI): 19690093431
Publication Date: Oct 7, 1955
Authorized Users: U.S. Government agencies and U.S. Government agency contractors only

Title (Incl. Subtitle): Comparison of the Drag of a Fin-Stabilized Body of Revolution and of a Complete Airplane Configuration as Obtained at Transonic Speeds in a Slotted Wind Tunnel and in Free Flight
Author: Howell, Robert R.; Braslow, Albert L.
Report Number: NACA-RM-L55H09; Rept-5146
Document ID (CASI): 20050019382
Publication Date: August 1955
Authorized Users: NASA personnel only
Author: Robbins, William H.; Jackson, Robert J.; Lieblein, Seymour
Report Number: NACA-RM-E55G02
Document ID (CASI): 20090026350
Publication Date: August 09, 1955
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Free-Spinning and Recovery Characteristics of a 1/18-Scale Model of the Ryan X-13 Airplane as Determined from Tests in the Langley 20-Foot Free-Spinning Tunnel
Author: Bowman, James S., Jr.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL55H08; Rept-5145
Document ID (CASI): 20050030035
Publication Date: July 27, 1955
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Free-Spinning Characteristics of a 1/24-Scale Model of the Grumman F11F-1 Airplane, TED No. NACA AD 395
Author: Bowman, James S., Jr.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL55G20; Rept-5121
Document ID (CASI): 20050030040
Publication Date: July 13, 1955
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Free-Spinning-Tunnel Investigation of a 0.034-Scale Model of the Production Version of the Chance Vought F7U-3 Airplane, TED No. NACA AD 3103
Author: Klinar, Walter J.; Healy, Frederick M.
Report Number: NACA-RM-SL55G15; Rept-5115
Document ID (CASI): 20050030056
Publication Date: July 06, 1955
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Experimental investigation at high subsonic speeds of the rolling-stability derivatives of a 1/22 scale model of the Republic F-105 airplane
Author: Hayes, W. C., Jr.; Sleeman, W. C., Jr.
Author Affil.: NASA Langley Research Center; NASA Langley Research Center
Accession Number: 71X72140
Report Number: NACA-RM-SL55F16
Document ID (CASI): 19710073558
Publication Date: Jun 30, 1955
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Feasibility performance analysis of the DSV-3E Tiros-K mission
Author: Vanwinkle, D. D.
Author Affil.: NASA Goddard Space Flight Center
Title (Incl. Subtitle): Flow and mixing processes in combustion chambers
Author: Mickelsen, W. R.; Scull, W. E.
Author Affil.: NASA Lewis Research Center; NASA Lewis Research Center
Accession Number: 67X88853
Document ID (CASI): 19670096465
Publication Date: Apr 1, 1955
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Ignition and flammability of hydrocarbon fuels
Author: Belles, F. E.; Swett, C. C.
Author Affil.: NASA Lewis Research Center; NASA Lewis Research Center
Accession Number: 67X88854
Document ID (CASI): 19670096466
Publication Date: Apr 1, 1955
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Laminar flame propagation
Author: Dugger, G. L.; Gerstein, M.; Simon, D. M.
Author Affil.: NASA Lewis Research Center; NASA Lewis Research Center; NASA Lewis Research Center
Accession Number: 67X88855
Document ID (CASI): 19670096467
Publication Date: Apr 1, 1955
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Turbulent flames
Author: Dugger, G. L.; Gerstein, M.
Author Affil.: NASA Lewis Research Center; NASA Lewis Research Center
Accession Number: 67X88856
Document ID (CASI): 19670096468
Publication Date: Apr 1, 1955
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Flame stabilization
Author: Dugger, G. L.; Gerstein, M.
Author Affil.: NASA Lewis Research Center; NASA Lewis Research Center
Accession Number: 67X88857
Document ID (CASI): 19670096469
Publication Date: Apr 1, 1955
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Diffusion flames
Author: Brokaw, R. S.; Gerstein, M.
Author Affil.: NASA Lewis Research Center; NASA Lewis Research Center
Accession Number: 67X88858
Document ID (CASI): 19670096470
Title (Incl. Subtitle): Oscillations in combustors
Author: Blackshear, P. L., Jr.; Rayle, W. D.
Author Affil.: NASA Lewis Research Center; NASA Lewis Research Center
Accession Number: 67X88859
Document ID (CASI): 19670096471
Publication Date: Apr 1, 1955
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Smoke and coke formation in the combustion of hydrocarbon-air mixtures
Author: Hibbard, R. R.; Schalla, R. L.
Author Affil.: NASA Lewis Research Center; NASA Lewis Research Center
Accession Number: 67X88860
Document ID (CASI): 19670096472
Publication Date: Apr 1, 1955
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Spatial Burnout in Water Reactors with Nonuniform Startup Distributions of Uranium and Boron
Author: Fox, Thomas A.; Bogart, Donald
Report Number: NACA-RM-E55C16
Document ID (CASI): 20090023596
Publication Date: March 23, 1955
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Low-Lift Drag of the Grumman F9F-9 Airplane as Obtained by a 1/7.5-Scale Rocket-Boosted Model and by Three 1/45.85-Scale Equivalent-Body Models between Mach Numbers of 0.8 and 1.3, TED No. NACA DE 391
Author: Stevens, Joseph E.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL55D15; Rept-4987
Document ID (CASI): 20050029377
Publication Date: March 24, 1955
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Aerodynamic Characteristics of a 0.04956-Scale Model of the Convair F-102A Airplane at Transonic Speeds
Author: Tempelmeyer, Kenneth E.; Osborne, Robert S.
Report Number: NACA-RM-SL55D19; Rept-4990
Document ID (CASI): 20050029389
Publication Date: March 28, 1955
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Altitude-Test-Chamber Investigation of the Endurance and Performance Characteristics of the J65-W-7 Engine at a Mach Number of 2.0
Author: Biermann, A.E.; Braithwaite, Willis M.
Title (Incl. Subtitle): Ditching Investigation of a 1/10-Scale Model of the Grumman F9F-2 Airplane, TED No. NACA DE 335
Author: Fisher, Lloyd J.; McBride, Ellis E.
Report Number: NACA-RM-SL50I29B
Document ID (CASI): 20050029429
Publication Date: [1955]
Authorized Users: NASA personnel only

Report Number: NACA-AR-39
Document ID (CASI): 20050019267
Publication Date: 1955
Authorized Users: NASA personnel only

Title (Incl. Subtitle): An investigation of the longitudinal stability characteristics of three specialized store configurations at transonic speeds
Author: Braden, J. A.
Author Affil.: NASA Langley Research Center
Accession Number: 71X71429
Report Number: NACA-RM-SL54L14
Document ID (CASI): 19710072847
Publication Date: Jan 14, 1955
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Component Performance Investigation of J71 Type II Turbines V - Internal Flow Conditions of J71 Type IIA Turbine
Author: Schum, Harold J.; Davison, Elmer H.; Pettrash, Donald A.
Report Number: NACA-RM-E55H05
Document ID (CASI): 20090023306
Publication Date: [1955]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Ditching Investigation of a 1/12-Scale Model of the Douglas F3D-2 Airplane, TED No. NACA DE 381
Author: Fisher, Lloyd J.; Thompson, William C.
Report Number: NACA-RM-SL52J30
Document ID (CASI): 20050029469
Publication Date: [1955]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Component Performance Investigation of J71 Type II Turbines: III - Overall Performance of J71 Type IIA Turbine
Author: Schum, Harold J.; Davison, Elmer H.; Pettrash, Donald A.
Author Affil.: NASA Lewis Research Center; NASA Lewis Research Center; NASA Lewis Research Center

Page 65
Title (Incl. Subtitle): Free-Flight Tests of 1/9-Scale Convair YF-102 Airplane Wings at Transonic and Supersonic Speeds to Investigate the Possibility of Flutter
Author: O'Kelly, Burke R.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL54L22
Document ID (CASI): 20090023313
Publication Date: [1955]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): 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
Author: Allen, H Julian
Accession Number: 93R18602
Report Number: NACA-RM-A56F15
Document ID (CASI): 19930089312
Authorized Users: NASA personnel only

Title (Incl. Subtitle): THE BOND ENERGIES OF B-X BONDS
Author: Altshuller, A. P.
Author Affil.: NASA Lewis Research Center
Accession Number: 63X82591
Document ID (CASI): 19630045177
Publication Date: Jan 1, 1955
Authorized Users: NASA personnel only

Title (Incl. Subtitle): 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 supersonic-type elliptical wing-root inlet
Author: Cancro, P. A.; Kelly, H. N.
Author Affil.: NASA Langley Research Center; NASA Langley Research Center
Accession Number: 71X72138
Report Number: NACA-RM-SL55K07
Document ID (CASI): 19710073556
Publication Date: Jan 1, 1955
Authorized Users: NASA personnel only

Author: deMoraes, Carlos A.; Hagginbothom, William K., Jr.; Falanga, Ralph A.
Report Number: NACA-RM-L54L15
Document ID (CASI): 20050019463
Publication Date: December 17, 1954
Authorized Users: NASA personnel only
Title (Incl. Subtitle): Free-Spinning-Tunnel Investigation of a 1/25-Scale Model of the McDonnell F3H-1N Airplane, TED No. NACA AD 3100
Author: Lee, Henry A.; Wilkes, L. Faye
Report Number: NACA-RM-SL55A10a
Document ID (CASI): 20050029373
Publication Date: December 31, 1954
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Preliminary Low-Speed Wind-Tunnel Investigation of Some Aspects of the Aerodynamic Problems Associated with Missiles Carried Externally in Positions Near Airplane Wings
Author: Alford, William J., Jr.; Silvers, H. Norman; King, Thomas J., Jr.
Report Number: NACA-RM-L54J20
Document ID (CASI): 20050019409
Publication Date: December 27, 1954
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Preliminary Data on the Effects of Inlet Pressure Distortions on the J57-P-1 Turbojet Engine
Author: Wallner, Lewis E.; Lubick, Robert J.; Einstein, Thomas H.
Author Affil.: NASA Lewis Research Center; NASA Lewis Research Center; NASA Lewis Research Center
Report Number: NACA-RM-SE54K19
Document ID (CASI): 20090021949
Publication Date: December 03, 1954
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Preliminary performance data obtained in a full-scale free-jet investigation of a side-inlet supersonic diffuser
Author: Farley, J. M.; Smith, I. D.
Author Affil.: NASA Lewis Research Center; NASA Lewis Research Center
Accession Number: 71X71434
Report Number: NACA-RM-SE54J22
Document ID (CASI): 19710072852
Publication Date: Nov 30, 1954
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Effects of Wing Leading-Edge Camber and Tip Modifications on the Aerodynamic Characteristics of a 1/20-Scale Model of the Convair F-102 Airplane at Transonic Speeds
Author: Tempelmeyer, Kenneth E.; Osborne, Robert S.
Report Number: NACA-RM-SL54K29
Document ID (CASI): 20050030054
Publication Date: November 10, 1954
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Free-flight investigation of the full-scale Hughes Falcon missile, D configuration, to determine aileron effectiveness and damping in roll
Title (Incl. Subtitle): Effects of Fuselage Modifications on the Drag Characteristics of a 1/20-Scale Model of the Convair F-102 Airplane at Transonic Speeds
Author: Kelly, Thomas C.; Osborne, Robert S.
Report Number: NACA-RM-SL54K18a
Document ID (CASI): 20050028506
Publication Date: November 02, 1954
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Supplementary Investigation in the Free-Spinning Tunnel of a 1/24-Scale Model of the Grumman F9F-6 Airplane Incorporating only Flaperons for Lateral Control, TED No. NACA DE 364
Author: Klinar, Walter J.; Lee, Henry A.
Report Number: NACA-RM-SL54K01a
Document ID (CASI): 20050029445
Publication Date: November 18, 1954
Authorized Users: NASA personnel only

Title (Incl. Subtitle): The effect of wing profile on the transonic characteristics of rectangular and triangular wings having aspect ratios of 3 : transonic bump technique
Author: Nelson, Warren H; Frank, Joseph L
Accession Number: 93R17788
Report Number: NACA-RM-A54H12a
Document ID (CASI): 19930088498
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Performance of Air-Launched T-40 Rocket Motors with Two Types of Igniter
Author: Disher, J.H.
Author Affil.: NASA Lewis Research Center
Report Number: NACA-RM-SE54J12
Document ID (CASI): 20090021943
Publication Date: October 13, 1954
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Summary of Free-Flight Zero-Lift Drag Results from Tests of 1/5-Scale Models of the Convair YF-102 and F-102A Airplanes and Several Related Small Equivalent Bodies at Mach Numbers from 0.70 to 1.46
Author: Wallskog, Harvey A.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL54J25
Document ID (CASI): 20090022754
Publication Date: October 13, 1954
Authorized Users: NASA personnel only
Title (Incl. Subtitle): Experimental Determination of Linear Dynamics of Two-Spool Turbojet Engines
Author: Novik, David; Heppler, Herbert
Report Number: NACA-RM-E54J11
Document ID (CASI): 20090026356
Publication Date: October 18, 1954
Authorized Users: NASA personnel only

Author: Lucas, James G.; Filippi, Richard E.
Author Affil.: NASA Lewis Research Center; NASA Lewis Research Center
Report Number: NACA-RM-SE54J19
Document ID (CASI): 20090021945
Publication Date: October 19, 1954
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Preliminary Altitude Performance Data of J71-A2 Turbojet Engine Afterburner
Author: Useller, James W.; Mallett, William E.
Report Number: NACA-RM-SE54J06
Document ID (CASI): 20090021752
Publication Date: October 07, 1954
Authorized Users: NASA personnel only

Title (Incl. Subtitle): A transonic wind-tunnel investigation of the performance and of the static stability and control characteristics of a 1/15-scale model of the Grumman F9F-9 airplane, ted no. NACA DE 390
Author: Bielat, R. P.
Author Affil.: NASA Langley Research Center
Accession Number: 69X72806
Report Number: NACA-RM-SL54J15
Document ID (CASI): 19690089286
Publication Date: Oct 1, 1954
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Tests of the Northrop XB-62 missile in the Ames 40 by 80 foot wind tunnel
Author: Graham, D.
Author Affil.: NASA Ames Research Center
Accession Number: 71X72139
Report Number: NACA-RM-SA54I29
Document ID (CASI): 19710073557
Publication Date: Sep 27, 1954
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Analysis of Rocket, Ram-Jet, and Turbojet Engines for Supersonic Propulsion of Long-Range Missles. II - Rocket Missile Performance
Author: Huff, Vearl N.; Kerrebrock, Jack
Title (Incl. Subtitle): Permeability and Strength Measurements on Sintered, Porous, Hollow Turbine Blades Made by the American Electro Metal Corporation under Office of Naval Research Contract N-ONR-295 (01)
Author: Richards, Hadley T.; Livingood, N.B.
Author Affil.: NASA Lewis Research Center; NASA Lewis Research Center
Report Number: NACA-RM-SE54I22
Document ID (CASI): 20090021742
Publication Date: September 17, 1954
Authorized Users: NASA personnel only

Title (Incl. Subtitle): An Investigation in the Ames 40- by 80-Foot Wind Tunnel of a YT-56A Turboprop Engine Incorporating a Decoupler and a Controlled-Feathering Device
Author: Rogallo, Vernon L.; Yaggy, Paul F.; McCloud, John L., III
Report Number: NACA-RM-SA54I09
Document ID (CASI): 20050019274
Publication Date: September 09, 1954
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Measurement of the Static Stability and Control and the Damping Derivatives of a 0.13-Scale Model of the Convair XFY-1 Airplane, TED No. NACA DE 368
Author: Johnson, Joseph L.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL54J04
Document ID (CASI): 20090023688
Publication Date: September 17, 1954
Authorized Users: NASA personnel only

Title (Incl. Subtitle): 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
Author: Cancro, P. A.; Kelly, H. N.
Author Affil.: NASA Langley Research Center; NASA Langley Research Center
Accession Number: 71X71426
Report Number: NACA-RM-SL54H27
Document ID (CASI): 19710072844
Publication Date: Sep 3, 1954
Authorized Users: NASA personnel only

Title (Incl. Subtitle): An investigation of the hydrodynamic characteristics of a 1/10-size powered dynamic model of the Martin M-267 patrol-type seaplane with two forebody configurations : TED No. NACA DE 376
Author: Mottard, Elmo J; Coffee, Claude W , Jr
Accession Number: 93R17765
Report Number: NACA-RM-SL54G26
Document ID (CASI): 19930088475
Title (Incl. Subtitle): Preliminary Altitude Performance Data for the J65-B3 Turbojet Engine at Reynolds Number Indices from 0.2 to 0.8
Author: Braithwaite, W.M.; Greathouse, W.K.
Author Affil.: NASA Lewis Research Center; NASA Lewis Research Center
Report Number: NACA-RM-SE54H18
Document ID (CASI): 20090021720
Publication Date: August 23, 1954
Authorized Users: NASA personnel only

Title (Incl. Subtitle): 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
Author: Wetzel, Benton E.
Author Affil.: National Advisory Committee for Aeronautics. Ames Aeronautical Lab.
Report Number: NACA-RM-SA54H26b
Document ID (CASI): 20090025891
Publication Date: August 26, 1954
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Preliminary Altitude Performance Data for the J71-A2 (X-26) Turbojet Engine
Author: Useller, James W.; Mallett, William E.
Author Affil.: NASA Lewis Research Center; NASA Lewis Research Center
Report Number: NACA-RM-SE54H06
Document ID (CASI): 20090021953
Publication Date: August 19, 1954
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Effect on Drag of Longitudinal Positioning of Half-Submerged and Pylon-Mounted Douglas Aircraft Stores on a Fuselage with and without Cavities between Mach Numbers 0.9 and 1.8
Author: Hoffman, Sherwood; Wolff, Austin L.
Report Number: NACA-RM-L54E26
Document ID (CASI): 20050019262
Publication Date: July 15, 1954
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Investigation of a 1/4-scale model of the Republic F-105 airplane in the Langley 19-foot pressure tunnel : longitudinal stability and control of the model equipped with a supersonic-type elliptical wing-root inlet
Author: Kelly, H Neale; Cancro, Patrick A
Accession Number: 93R17628
Report Number: NACA-RM-SL54F28
Document ID (CASI): 19930088338
Authorized Users: NASA personnel only

Title (Incl. Subtitle): High-speed drag and opening characteristics of a Kaman Rotochute model
Author: Lockwood, Vernard E
Accession Number: 93R17505
Report Number: NACA-RM-SL54F10
Document ID (CASI): 19930088215
Title (Incl. Subtitle): Take-Off and Landing Characteristics of a 0.13-Scale Model of the Convair XFY-1 Vertically Rising Airplane in Steady Winds, TED No. NACA DE 368
Author: Schade, Robert O.; Smith, Charles C., Jr.; Lovell, P. M., Jr.
Report Number: NACA-RM-SL54E28
Document ID (CASI): 20050028505
Publication Date: June 22, 1954
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Summary of Turbulence Data Obtained During United Air Lines Flight Evaluation of an Experimental C Band (5.5cm) Airborne Weather Radar
Author: Coe, E. C.; Fetner, M. W.
Report Number: NACA-RM-L54F07a
Document ID (CASI): 20050019256
Publication Date: June 17, 1954
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Flight Tests of a 0.13-Scale Model of the Convair XFY-1 Vertically Rising Airplane with the Lower Vertical Tail Removed, TED No.DE 368
Author: Lovell, Powell M., Jr.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL54E07
Document ID (CASI): 20050028502
Publication Date: May 12, 1954
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Flight investigation to evaluate the roll-rate stabilization system of the Naval Ordnance Test Station Sidewinder missile at Mach numbers from 0.9 to 2.3
Author: Brown, C. A., Jr.; Nason, M. L.
Author Affil.: NASA Langley Research Center; NASA Langley Research Center
Accession Number: 71X73178
Report Number: NACA-RM-SL54D26
Document ID (CASI): 19710074596
Publication Date: Apr 29, 1954
Authorized Users: NASA personnel only

Title (Incl. Subtitle): 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
Author: Smith, Williard G.
Author Affil.: National Advisory Committee for Aeronautics. Ames Aeronautical Lab.
Report Number: NACA-RM-SA54D05
Document ID (CASI): 20090025453
Publication Date: April 05, 1954
Authorized Users: NASA personnel only
Title: Force measurements on cone-cylinder body of revolution with various nose and fin configurations at Mach number 4.0
Author: Rabb, Leonard; Messing, Wesley E
Accession Number: 93R17362
Report Number: NACA-RM-E53L29b
Document ID (CASI): 19930088072
Authorized Users: NASA personnel only

Title: Evaluation of altitude-ignition characteristics of three fuels of different volatility in a turbojet engine
Author: Braithwaite, Willis M; Sivo, Joseph N
Accession Number: 93R17410
Report Number: NACA-RM-E53L11
Document ID (CASI): 19930088120
Authorized Users: NASA personnel only

Title: Free-Flight Zero-Lift Drag Results from a 1/5-Scale Model and Several Small-Scale Equivalent Bodies of Revolution of the Convair F-102 Configuration at Mach Numbers up to 1.34
Author: Wallskog, Harvey A.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL54DO9b
Document ID (CASI): 20090023601
Publication Date: March 29, 1954
Authorized Users: NASA personnel only

Title: Preliminary flight measurements of the total-pressure recovery of a split-wing ram-jet inlet at Mach numbers from 1.4 to 3.16
Author: Hinners, A. H., Jr.
Author Affil.: NASA Langley Research Center
Accession Number: 71X71432
Report Number: NACA-RM-SL54C03
Document ID (CASI): 19710072850
Publication Date: Mar 4, 1954
Authorized Users: NASA personnel only

Title: Preliminary Altitude Operational Characteristics of a J57-P1 Turbojet Engine
Author: Wallner, Lewis E.; Saari, Martin J.
Report Number: NACA-RM-SE54C31
Document ID (CASI): 20090026275
Publication Date: March 31, 1954
Authorized Users: NASA personnel only

Title: Effect of a Leading-edge Flap upon the Lift, Drag, and Pitching Moment of an Airplane Employing a Thin, Unswept Wing
Title (Incl. Subtitle): Effect of Rocket-Motor Operation on the Drag of Three 1/5-Scale Hermes A-3A Models in Free Flight
Author: Jackson, H. Herbert
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL54B04
Document ID (CASI): 20050028488
Publication Date: February 10, 1954
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Comparison of experimental hydrodynamic impact loads and motions for a V-step and a transverse-step hydro-ski
Author: Miller, Robert W
Accession Number: 93R17255
Report Number: NACA-RM-L53K20a
Document ID (CASI): 19930087965
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Design of combustor for long-range ram-jet engine and performance of rectangular analog
Author: Rayle, Warren D; Koch, Richard G
Accession Number: 93R17316
Report Number: NACA-RM-E53K13
Document ID (CASI): 19930088026
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Longitudinal Stability Characteristics of the Consolidated Vultee XFY-1 Airplane with Windmilling Propellers as Obtained from Flight of 0.133-Scale Rocket-Propelled Model at Mach Numbers from 0.70 to 1.13
Author: Hastings, Earl C.; Mitcham, Grady L.
Report Number: NACA-RM-SL54F11
Document ID (CASI): 20090023311
Publication Date: [1954]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Free-Flight Tests of 0.11-Scale North American F-100 Airplane Wings to Investigate the Possibility of Flutter in Transonic Speed Range at Varying Angles of Attack
Author: O'Kelly, Burke R.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL54G29
Document ID (CASI): 20090023309
Publication Date: [1954]
Authorized Users: NASA personnel only
Title (Incl. Subtitle): Longitudinal Control Characteristics of a 1/20-Scale Model of the Convair F-102 Airplane at Transonic Speeds
Author: Osborne, Robert S.; Tempelmeyer, Kenneth E.
Report Number: NACA-RM-SL54G15
Document ID (CASI): 20090023161
Publication Date: [1954]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Static Longitudinal and Lateral Stability and Control Characteristics of a 1/15-Scale Model of the Grumman F9F-9 Airplane at a Mach Number of 1.41
Author: Palazzo, Edward B.; Spearman, M. Leroy
Report Number: NACA-RM-SL54G08
Document ID (CASI): 20090023310
Publication Date: [1954]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): A Transonic Wind-Tunnel Investigation of the Longitudinal Aerodynamic Characteristics of a Model of the Lockheed XF-104 Airplane
Author: Hieser, Gerald; Reid, Charles F.
Report Number: NACA-RM-SL54K19a
Document ID (CASI): 20090023314
Publication Date: [1954]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Longitudinal Stability and Control Characteristics at Transonic Speeds of a 1/30-Scale Model of the Republic XF-103 Airplane
Author: Luoma, Arvo A.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL54H24
Document ID (CASI): 20090023318
Publication Date: [1954]
Authorized Users: NASA personnel only

Author: Rogallo, Vernon L.; McCloud, John L., III; Yaggy, Paul F.
Report Number: NACA-RM-A54C30
Document ID (CASI): 20040012865
Publication Date: [1954]
Title (Incl. Subtitle): Investigation of the Hydrodynamic Characteristics of the Panto-Base Chase C-123 Airplane
Author: Thompson, William C.; Fisher, Lloyd J.
Report Number: NACA-RM-SL54A28
Document ID (CASI): 20090026986
Publication Date: January 28, 1954

Title (Incl. Subtitle): Flight Results from a 1/10-Scale Rocket Model of the Lockheed XF-104 Airplane at Transonic Mach Numbers
Author: Kehlet, Alan B.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL54E14
Document ID (CASI): 20090023148
Publication Date: [1954]

Title (Incl. Subtitle): Magnetic fields near twisted wires
Author: Alksne, A. Y.
Author Affil.: NASA Ames Research Center
Accession Number: 64X80716
Document ID (CASI): 19640058694
Publication Date: Jan 1, 1954

Title (Incl. Subtitle): Calibration of the Friez Aerovane, Wind Measuring Set An/GMQ-11
Author: McKee, John W.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL53L23B
Document ID (CASI): 20050029416
Publication Date: December 29, 1953

Title (Incl. Subtitle): Investigation of a Related Series of Turbine-Blade Profiles in Cascade
Author: Dunavant, James C.; Erwin, John R.
Report Number: NACA-RM-L53G15
Document ID (CASI): 20050080790
Publication Date: 1953

Title (Incl. Subtitle): Flow Coefficients for Orifices in Base of Transpiration-Cooled Turbine Rotor Blade
Author: Donoughe, Patrick L.; Prasse, Ernst I.
Report Number: NACA-RM-E53L30a
Document ID (CASI): 20090025409
Publication Date: December 11, 1953
Title (Incl. Subtitle): Rocket-Model Measurements of Zero-Lift Damping in Roll of the Bell MX-776 Missile at Mach Numbers from 0.6 to 1.56
Author: Bland, William N., Jr.; Purser, Paul E.
Report Number: NACA-RM-SL54A13
Document ID (CASI): 20050029431
Publication Date: December 31, 1953
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Investigation of the Low-Speed Stability and Control Characteristics of a 1/10-Scale Model of the Convair YF-102 Airplane in the Langley Free-Flight Tunnel
Author: Johnson, Joseph L., Jr.; Boisseau, Peter C.
Report Number: NACA-RM-SL53L04
Document ID (CASI): 20050029408
Publication Date: November 18, 1953
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Flight Test Results of Rocket-Propelled Buffet-Research Models Having 45 Degree Sweptback Wings and 45 Degree Sweptback Tails Located in the Wing Chord Plane
Author: Mason, Homer P.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L53I10
Document ID (CASI): 20050041783
Publication Date: November 04, 1953
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Recent Results Pertaining to the Application of the "Area Rule"
Author: Whitcomb, Richard T.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L53I15a
Document ID (CASI): 20050019402
Publication Date: October 28, 1953
Authorized Users: NASA personnel only

Author: Blanchard, Ulysse J.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL53K06
Document ID (CASI): 20050028465
Publication Date: October 21, 1953
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Summary of Rocket-Model Tests at Zero Lift of the Northrop MX-775B Missile Configuration from Mach Numbers of 0.9 to 1.8
Author: Arbic, Richard G.; Gillespie, Warren, Jr.
Title (Incl. Subtitle): Investigation of spoiler ailerons with and without a gap behind the spoiler on a 45 degree sweptback wing-fuselage combination at Mach numbers from 0.60 to 1.03
Author: Solomon, William; West, F E, Jr; Brummal, Edward M
Accession Number: 93R17107
Report Number: NACA-RM-L53G07a
Document ID (CASI): 19930087817
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Investigation of the Effects of Propeller Operation on the Low-Speed Stability and Control Characteristics of a 1/6-Scale Model of a Revised Configuration of the Republic XF-84H Airplane
Author: Sleeman, William C., Jr.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL53I24
Document ID (CASI): 20050028463
Publication Date: September 04, 1953
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Rocket-Model Investigation of the Longitudinal Stability, Drag, and Duct Performance Characteristics of the North American MX-770 (X-10) Missile at Mach Numbers from 0.80 to 1.70
Author: Bond, Aleck C.; Swanson, Andrew G.
Report Number: NACA-RM-SL53D10A
Document ID (CASI): 20050029470
Publication Date: September 16, 1953
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Theory of Wing-Body Drag at Supersonic Speeds
Author: Jones, Robert T.
Author Affil.: National Advisory Committee for Aeronautics. Ames Aeronautical Lab.
Report Number: NACA-RM-A53H18a
Document ID (CASI): 20050081861
Publication Date: September 15, 1953
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Notes on the Prediction of Shock-induced Boundary-layer Separation
Author: Lange, Roy H.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L53I16a
Document ID (CASI): 20090025893
Publication Date: September 16, 1953
Authorized Users: NASA personnel only
Title (Incl. Subtitle): Wind-tunnel investigation of the drag and lateral-stability characteristics of a 1/22-scale model of a bomber airplane employing a low-aspect-ratio triangular wing
Author: Phelps, E. R.
Author Affil.: NASA Ames Research Center
Accession Number: 71X72135
Report Number: NACA-RM-SA53G08
Document ID (CASI): 19710073553
Publication Date: Jul 8, 1953
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Investigation of the Spinning and Tumbling Characteristics of a 1/25-Scale Model of the Lockheed XFV-1 Airplane in the Langley 20-Foot Free-Spinning Tunnel
Author: Lee, Henry A.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL53G24
Document ID (CASI): 20050029432
Publication Date: July 23, 1953
Authorized Users: NASA personnel only

Title (Incl. Subtitle): An Exploratory Investigation of Some Types of Aeroelastic Instability of Open and Closed Bodies of Revolution Mounted on Slender Struts
Author: Clevenson, S. A.; Wildmayer, E., Jr.; Diederich, Franklin W.
Report Number: NACA-RM-L53E07
Document ID (CASI): 20090014039
Publication Date: June 30, 1953
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Investigation of a Half-Conical Scoop Inlet Mounted at Five Alternate Circumferential Locations around a Circular Fuselage Pressure-Recovery Results at a Mach Number 2.01
Author: Hasel, Lowell E.; Lankford, John L.; Robins, A. W.
Report Number: NACA-RM-L53D30B
Document ID (CASI): 20050019413
Publication Date: June 30, 1953
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Low-Speed Investigation of the Static Lateral Stability and Control Characteristics of a 1/6-Scale Model of the Republic XF-84H Airplane with the Propeller Operating
Author: Sleeman, William C., Jr.; Morrison, William D., Jr.
Report Number: NACA-RM-SL53G10
Document ID (CASI): 20050029410
Title (Incl. Subtitle): Preliminary Transient Performance Data on the J73 Turbojet Engine. II - Altitude, 35,000 Feet
Author: Lubick, Robert J.; Sobolewski, Adam E.
Report Number: NACA-RM-SE53F29
Document ID (CASI): 20090026528
Publication Date: June 29, 1953
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Preliminary Transient Performance Data on the J73 Turbojet Engine
Title: Number of Part: 3
Title: Name of Part: Altitude, 45,000 Feet
Author: McAulay, John E.; Wallner, Lewis E.
Report Number: NACA-RM-SE53F30
Document ID (CASI): 20090026297
Publication Date: June 30, 1953
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Time-History Data of Maneuvers Performed by a Republic F84G Airplane During Squadron Operational Training
Author: Hamer, Harold A.; Mayo, Alton P.
Report Number: NACA-RM-L53C27
Document ID (CASI): 20050019469
Publication Date: May 18, 1953
Authorized Users: NASA personnel only

Title (Incl. Subtitle): A Brief Hydrodynamic Investigation of a 1/24-Scale Model of the DR-77 Seaplane
Author: Fisher, Lloyd J.; Hoffman, Edward L.
Report Number: NACA-RM-SL53F04
Document ID (CASI): 20090026360
Publication Date: May 20, 1953
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Wind-Tunnel Investigation at Low Speed of the Rolling Stability Derivatives of a 1/9-Scale Powered Model of the Convair XFY-1 Vertically Rising Airplane, TED No. NACA DE 373
Author: Queijo, M. J.; Wolhart, Walter D.; Fletcher, H. S.
Report Number: NACA-RM-SL53E13
Document ID (CASI): 20050029471
Publication Date: May 20, 1953
Title (Incl. Subtitle): Elastic Buckling under Combined Stresses of Flat Plates with Integral Waffle-Like Stiffening
Author: Dow, Norris F.; Levin, L. Ross; Troutman, John L.
Report Number: NACA-RM-L53J27
Document ID (CASI): 20050041784
Publication Date: [1953]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Flight Investigation of the Stability and Control Characteristics of a 0.13-Scale Model of the Convair XFY-1 Vertically Rising Airplane During Constant-Altitude Transitions, TED No. NACA DE 368
Author: Lovell, Powell M., Jr.; Kibry, Robert H.; Smith, Charles C., Jr.
Report Number: NACA-RM-SL53E18
Document ID (CASI): 20050029472
Publication Date: [1953]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Altitude Performance and Operational Characteristics of YJ71-A-7 Turbojet Engine
Author: Smith, Ivan D.; Leonard, Charles V.; Bloomer, Harry E.
Report Number: NACA-RM-E53E13
Document ID (CASI): 20090023637
Publication Date: [1953]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Drag and Longitudinal Trim at Low Lift of the North American YF-100A Airplane at Mach Numbers from 0.76 to 1.77 as Determined from the Flight Test of a 0.11-Scale Rocket Model
Author: Blanchard, Willard S.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL53E11a
Document ID (CASI): 20090023638
Publication Date: January 1953
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Effects of the Spanwise, Chordwise, and Vertical Location of an External Store on the Aerodynamic Characteristics of a 45 Degree Sweptback Tapered Wing of Aspect Ratio 4 at Mach Numbers of 1.41, 1.62, and 1.96

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Title (Incl. Subtitle): Aerodynamic Characteristics in Pitch and Sideslip at High Subsonic Speeds of a 1/14-Scale Model of the Grumman XF104 Airplane with Wing Sweepback of 42.5 degrees
Author: Kuhn, Richard E.; Draper, John W.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL53G20
Document ID (CASI): 20090023158
Publication Date: [1953]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): High-Speed Wind-Tunnel Tests of a 1/16-Scale Model of the D-558 Research Airplane Lift and Drag Characteristics of the D-558-1 and Various Wing and Tail Configurations
Author: Wright, John D.; Loving, Donald L.
Report Number: NACA-RM-L6J09
Document ID (CASI): 20050019302
Publication Date: [1953]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Flight Tests of a 0.13-Scale Model of the Convair XFY-1 Vertically Rising Airplane in a Setup Simulating that Proposed for Captive-Flight Tests in a Hangar, TED No. NACA DE 368
Author: Lovell, Powell M., Jr.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL54B16A
Document ID (CASI): 20050028490
Publication Date: [1953]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): A Transonic Wind-Tunnel Investigation of the Trim and Dynamic Response Characteristics of the Horizontal Tail of a 1/7-Scale Model of the Complete Tail of the Grumman XF10F-1 Airplane
Author: Luoma, Arvo A.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL53D28
Document ID (CASI): 20050029467
Publication Date: [1953]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): The physics of outdoor sound
Author: Ingard, U.
Author Affil.: Massachusetts Inst. of Tech.
Accession Number: 64N85318
Document ID (CASI): 19640057411
Publication Date: Jan 1, 1953
Authorized Users: NASA personnel only
Title (Incl. Subtitle): Flight Characteristics of a 1/4-Scale Model of the XPV-1 Airplane (TED No. NACA DE-378)
Author: Kelly, Mark W.; Smaus, Louis H.
Report Number: NACA-RM-SA52J15
Document ID (CASI): 20050019245
Publication Date: October 15, 1952
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Altitude Investigation of Gas Temperature Distribution at Turbine of Three Similar Axial-Flow Turbojet Engines
Author: Prince, W.R.; Schulze, F.W.
Report Number: NACA-RM-E52H06
Document ID (CASI): 20090024825
Publication Date: August 06, 1952
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Wind-Tunnel Investigation of the Low-Speed Static Longitudinal Characteristics of the Republic RF-84F Airplane
Author: Hunton, Lynn W.; Griffin, Roy N., Jr.; James, Harry A.
Report Number: NACA-RM-SA52H04
Document ID (CASI): 20090026534
Publication Date: August 04, 1952
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Thrust Augmentation of a Turbojet Engine at Simulated Flight Conditions by Introduction of a Water-Alcohol Mixture into the Compressor
Author: Useller, James W.; Auble, Carmon M.; Harvey, Ray W., Sr.
Report Number: NACA-RM-E52F20
Document ID (CASI): 20050019383
Publication Date: August 18, 1952
Authorized Users: NASA personnel only

Title (Incl. Subtitle): An Investigation of the Effect of the WADC 30,000-Horsepower Whirl Rig Upon the Static Characteristics of a Propeller
Author: Salters, Leland B., Jr.; Norton, Harry T., Jr.
Report Number: NACA-RM-SL52F20
Document ID (CASI): 20050029455
Title (Incl. Subtitle): Time-History Data of Maneuvers Performed by an F-86A Airplane During Squadron Operational Training
Author: Henderson, Campbell; Thornton, James; Mayo, Alton
Report Number: NACA-RM-L52C19
Document ID (CASI): 20050019265
Publication Date: May 23, 1952
Authorized Users: NASA personnel only

Title (Incl. Subtitle): The Effect of an Operating Propeller on the Aerodynamic Characteristics of a 1/10-Scale Model of the Lockheed XFV-1 Airplane at High Subsonic Speeds (TED No. NACA DE-377)
Author: Sutton, Fred B.; Buell, Donald A.
Report Number: NACA-RM-SA52E06
Document ID (CASI): 20090026346
Publication Date: May 06, 1952
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Wind-tunnel investigation of the aerodynamic characteristics of a 0.07-scale model of the North American MX-770 missile
Author: Pfy, F. A.
Author Affil.: NASA Ames Research Center
Accession Number: 71X72134
Report Number: NACA-RM-SA52E07
Document ID (CASI): 19710073552
Publication Date: May 7, 1952
Authorized Users: NASA personnel only

Author: Medeiros, Arthur A.; Hatch, James E.
Report Number: NACA-RM-E52D22
Document ID (CASI): 20090026453
Publication Date: April 21, 1952
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Low-Speed Wind-Tunnel Investigation of the Drag of a Lockheed F-94C Airplane (A.F. No. 50-956)
Author: Maki, Ralph L.
Author Affil.: National Advisory Committee for Aeronautics. Ames Aeronautical Lab.
Report Number: NACA-RM-SA52D25
Document ID (CASI): 20090026529
Publication Date: April 25, 1952
Authorized Users: NASA personnel only
Report Number: NACA-AR-37
Document ID (CASI): 20050019295
Publication Date: 1952
Authorized Users: NASA personnel only

Title (Incl. Subtitle): An Approximate Method of Calculating the Deformations of Wings Having Swept, M or W, A, and Swept-Tip Plan Forms
Author: Zender, George W.; Brooks, William A., Jr.
Report Number: NACA-RM-L53A23
Document ID (CASI): 20050019432
Publication Date: [1952]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Combustion in the Wake as a Means of Body-Drag Reduction as Determined from Free-Flight Tests of 40-Millimeter Shells
Author: Welsh, Clement J.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL53D01A
Document ID (CASI): 20050029460
Publication Date: [1952]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Development of welding techniques and filler metals for high strength aluminum alloys third quarterly report, 1 jan. - 31 mar. 1965
Author: Burghard, H. C., Jr.; Lenamond, N. G.; Speirs, K. K.
Author Affil.: Southwest Research Inst.; Southwest Research Inst.; Southwest Research Inst.
Accession Number: 65X15874
Report Number: NASA-CR-62912
Document ID (CASI): 19650062279
Publication Date: Jan 1, 1952
Authorized Users: NASA personnel and NASA contractors only

Title (Incl. Subtitle): Wind-tunnel investigation of the descent characteristics of bodies of revolution simulating anti-personnel bombs
Author: Sher, S. H.
Author Affil.: NASA Langley Research Center
Accession Number: 71X71431
Report Number: NACA-RM-SL51L13
Document ID (CASI): 19710072849
Publication Date: Dec 19, 1951
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Graphic Analysis of American and British Axial-Flow Turbojet Engine Performance Trends (Current and Future)
Author: Cesaro, Richard S.; Lazar, James
Title (Incl. Subtitle): Arrangement of bodies of revolution in supersonic flow to reduce wave drag
Author: Friedman, Morris D
Accession Number: 93R23030
Report Number: NACA-RM-A51I20
Document ID (CASI): 19930093733
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Investigation of turbine-outlet temperature distribution of XJ34-WE-32 turbojet engine
Author: Prince, W R; Wintler, J T
Accession Number: 93R23307
Report Number: NACA-RM-E51K06
Document ID (CASI): 19930094388
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Additional studies of the stability and controllability of an unswept-wing vertically rising airplane model in hovering flight including studies of various tethered landing techniques
Author: Bates, William R; Lovell, Powell M, Jr; Smith, Charles C, Jr
Accession Number: 93R16095
Report Number: NACA-RM-L51I07a
Document ID (CASI): 19930086805
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Determination of shapes of boattail bodies of revolution for minimum wave drag
Author: Adams, M. C.
Author Affil.: NASA Langley Research Center
Accession Number: 69X77574
Report Number: NACA-TN-2550
Document ID (CASI): 19690094051
Publication Date: Nov 1, 1951
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Investigation of Surge Characteristics of XJ34-WE-32 Turbojet Engine
Author: Groesbeck, Donald E.; Peters, Daniel J.
Report Number: NACA-RME51J02
Document ID (CASI): 20090026527
Publication Date: October 02, 1951
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Dynamic stability and control characteristics of a delta-wing vertically rising airplane model in take-offs, landings and hovering flight
Author: Lovell, Powell M; Bates, William R; Smith, Charles C, Jr
Accession Number: 93R16147
Report Number: NACA-RM-L51H13a
Document ID (CASI): 19930086857
Authorized Users: NASA personnel only
Title (Incl. Subtitle): Calculations of laminar heat transfer around cylinders of arbitrary cross section and transpiration-cooled walls with application to turbine blade cooling / E. R. G. Eckert and John N. B. Livingood
Author: Eckert, E R G; Livingood, John N B
Accession Number: 93R16024
Report Number: NACA-RM-E51F22
Document ID (CASI): 19930086734
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Combustion Instability in an Acid-Heptane Rocket with a Pressurized-Gas Propellant Pumping System
Author: Tischler, Adelbert O.; Bellman, Donald R.
Report Number: NACA-RM-E51G11
Document ID (CASI): 20050019283
Publication Date: September 27, 1951
Authorized Users: NASA personnel only

Author: Dugan, James F., Jr.; Rebeske, John J., Jr.; Finger, Harold B.
Report Number: NACA-RM-E51H15
Document ID (CASI): 20090025452
Publication Date: August 06, 1951
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Investigation to Determine the Effectiveness of a Split-Aileron Type Emergency Spin-Recovery Device for the Northrop XF-89 Airplane
Author: Neihouse, A. I.; Lee, H. A.
Report Number: NACA-RM-SL-51H24
Document ID (CASI): 20090023711
Publication Date: August 31, 1951
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Supplementary Free-Spinning-Tunnel Investigation of a 1/30-Scale Model of the Grumman XF10F-1 Airplane in the Swept-Wing Configuration with Slats Extended
Author: Berman, Theodore
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL51G19
Document ID (CASI): 20090023702
Publication Date: July 24, 1951
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Effect of Angle of Incidence of Second-Stage Vane Assembly on Third-Stage Compressor-Blade Vibration and Engine Performance
Author: Meyer, Andre J., Jr.; Calvert, Howard F.
Title (Incl. Subtitle): An Investigation of the Aerodynamic Characteristics in Pitch of an XB-52 Airplane Model in a High-Speed Wind Tunnel
Author: Cleary, Joseph W.; Coe, Charles F.
Report Number: NACA-RM-SA51C16
Document ID (CASI): 20050019436
Publication Date: March 16, 1951
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Basic Differential Equations in General Theory of Elastic Shells
Author: Vlasov, V. S.
Report Number: NACA-TM-1241
Document ID (CASI): 20050028489
Publication Date: February 1951
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Altitude Performance of J35-A-17 Turbojet Engine in an Altitude Chamber
Author: Vincent, K. R.; Gale, B. M.
Report Number: NACA-RM-E50I15
Document ID (CASI): 20050019428
Publication Date: January 03, 1951
Authorized Users: NASA personnel only

Title (Incl. Subtitle): The origin of aerodynamic instability of supersonic inlets at subcritical conditions
Author: Ferri, Antonio; Nucci, Louis M
Accession Number: 93R15773
Report Number: NACA-RM-L50K30
Document ID (CASI): 19930086483
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Low-Lift Drag and Duct Pressure Recovery of a 1/8.25-Scale Model of the Consolidated Vultee XF-92 Airplane at Mach Numbers from 0.7 to 1.4
Author: Mitcham, Grady L.; Stevens, Joseph E.; Crabill, Norman L.; Hinners, Arthur H., Jr.
Report Number: NACA-RM-SL51E23
Document ID (CASI): 20050030034
Publication Date: [1951]
Authorized Users: NASA personnel only
Title (Incl. Subtitle): Tank Investigation of the Grumman JRF-5 Airplane Equipped with Twin Hydro-Skis
TED No. NACA DE 357
Author: Ramsen, John A.; Gray, George R.
Report Number: NACA RM-SL52D17
Document ID (CASI): 20050029449
Publication Date: [1951]
Authorized Users: NASA personnel only

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Title (Incl. Subtitle): Ditching Investigation of a 1/24-Scale Model of the Douglas C-124 Airplane
Author: Fisher, Lloyd J.; Windham, John O.
Report Number: NACA-RM-SL51F20
Document ID (CASI): 20050029442
Publication Date: [1951]
Authorized Users: NASA personnel only

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Title (Incl. Subtitle): Flight-Determination of the Low-Lift Drag and Longitudinal Stability of a 1/10-Scale Rocket-Powered Model of the Douglas XF4D-1 Airplane at Mach Numbers from 0.7
Author: Mitcham, Grady L.; Blanchard, Willard S., Jr.; Hastings, Earl C., Jr.
Report Number: NACA-RM-SL51L07
Document ID (CASI): 20050030030
Publication Date: [1951]
Authorized Users: NASA personnel only

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Title (Incl. Subtitle): Factors Affecting the Stating Characteristics of Gas-Turbine Engines
Report Number: NACA-RM-SE51B02
Document ID (CASI): 20090023715
Publication Date: January 31, 1951
Authorized Users: NASA personnel only

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Title (Incl. Subtitle): Preliminary Results Obtained from Flight Test of a 1/7-Scale Rocket-Powered Model of the Grumman XF10F Airplane Configuration in the Swept-Wing Condition, TED No. NACA DE 354
Author: Gardner, William N.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL52I25
Document ID (CASI): 20050029468
Publication Date: [1951]
Authorized Users: NASA personnel only

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Title (Incl. Subtitle): Large-scale flight measurements of zero-lift drag at Mach numbers from 0.90 to 1.95 of an arrow wing in combination with a small body
Author: Gillespie, Warren, Jr; Arbic, Richard G
Accession Number: 93R15763
Report Number: NACA-RM-L50K28a
Document ID (CASI): 19930086473
Authorized Users: NASA personnel only
Author: Riebe, John M.; Naeseth, Rodger L.

Title (Incl. Subtitle): Effect of an end plate on the aerodynamic characteristics of a 20.55 degree sweptback wing with an aspect ratio of 2.67 and a taper ratio of 0.5: transonic-bump method
Author: Watson, James M

Title (Incl. Subtitle): Investigation of the dynamic longitudinal stability of two equal size models coupled in tandem with a single joint; preliminary model flight tests
Author: Shanks, Robert E; Grana, David C

Title (Incl. Subtitle): Theoretical Investigation of a Proportional-Plus-Flicker Automatic Pilot
Author: Seaberg, Ernest C.

Title (Incl. Subtitle): Hydrodynamic properties of planing surfaces and flying boats
Author: Sokolov, N. A.

Title (Incl. Subtitle): Damping in yaw and static directional stability of a canard airplane model and of several models having fuselages of relatively flat cross section
Author: Johnson, Joseph L
Author: Cook, William P.; Butze, Helmut F.
Report Number: NACA-RM-SE50J12
Document ID (CASI): 20090022098
Publication Date: September 22, 1950
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Summary of the Aerodynamic Characteristics and Flying Qualities Obtained from Flights of Rocket-Propelled Models of an Airplane Configuration Incorporating a Sweptback Inversely Tapered Wing at Transonic and Low-Supersonic Speeds
Author: Mitcham, Grady L.; Blanchard, Willard S., Jr.
Report Number: NACA-RM-L50G18a
Document ID (CASI): 20050019416
Publication Date: September 07, 1950
Authorized Users: NASA personnel only

Author: Sponder, E. W.
Author Affil.: Zentrale fuer Wissenschaftliches Berichtswesen
Report Number: NACA-TM-1248
Document ID (CASI): 20050028453
Publication Date: August 1950
Authorized Users: NASA personnel only

Title (Incl. Subtitle): The transonic characteristics of a low-aspect-ratio triangular wing with a constant-chord flap as determined by wing-flow tests, including correlation with large-scale tests
Author: Rathert, George A., Jr.; Rolls, L Stewart; Hanson, Carl M
Accession Number: 93R15500
Report Number: NACA-RM-A50E10
Document ID (CASI): 19930086210
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Measurements of the effect of trailing-edge thickness on the zero-lift drag of thin low-aspect-ratio wings
Author: Morrow, John D
Accession Number: 93R15538
Report Number: NACA-RM-L50F26
Document ID (CASI): 19930086248
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Effect of an Autopilot Sensitive to Yawing Velocity on the Lateral Stability of the Douglas D-558-II Airplane
Author: Gates, Ordway B., Jr.; Sternfield, Leonard
Report Number: NACA-RM-L50F22
Document ID (CASI): 20050019392
Publication Date: August 17, 1950
Title (Incl. Subtitle): Experimental Investigation of Spreading Characteristics of Choked Jets Expanding into Quiescent Air
Author: Rousso, Morris D.; Kochendorfer, Fred D.
Report Number: NACA-RM-E50E03a
Document ID (CASI): 20050080794
Publication Date: 1950

Title (Incl. Subtitle): Subsonic Gas Flow Past A Wing Profile
Author: Christianovich, S. A.; Yuriev, I. M.
Report Number: NACA-TM-1250
Document ID (CASI): 20050028456
Publication Date: July 1950

Title (Incl. Subtitle): Exact Solutions of Equations of Gas Dynamics
Author: Kiebel, I. A.
Report Number: NACA-TM-1260
Document ID (CASI): 20050028494
Publication Date: June 1950

Title (Incl. Subtitle): Theoretical Investigations on the Efficiency and the Conditions for the Realization of Jet Engines
Author: Roy, Maurice
Report Number: NACA-TM-1259
Document ID (CASI): 20050241986
Publication Date: June 1950

Title (Incl. Subtitle): Range Performance of Bombers Powered by Turbine-Propeller Power Plants
Author: Cline, Charles W.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L50F12; Rept-3185
Document ID (CASI): 20050019288
Publication Date: June 20, 1950

Title (Incl. Subtitle): Investigation of Performance of Axial-Flow Compressor of XT-46 Turbine-Propeller Engine. I - Preliminary Investigation at 50-,70-, and 100-Percent Design Equivalent Speed
Author: Creagh, John W.R.; Sandercrock, Donald M.
Report Number: NACA-RM-SE50E22
Document ID (CASI): 20090025261
Publication Date: May 22, 1950

Authorized Users: NASA personnel only
Title (Incl. Subtitle): Data from Tests of a 1/5-Scale Model of a Proposed High-Speed Submarine in the Langley Full-Scale Tunnel  
Author: Cocke, Bennie W.; Lipson, Stanley; Scallion, William I.  
Report Number: NACA-RM-SL50E09a  
Document ID (CASI): 20090026505  
Publication Date: May 09, 1950  
Authorized Users: NASA personnel only

Title (Incl. Subtitle): High-Subsonic Performance Characteristics and Boundary-Layer Investigations of a 12 10-Inch-Inlet-Diameter Conical Diffuser  
Author: Little, B. H., Jr.; Wilbur, Stafford W.  
Report Number: NACA-RM-L50C02a  
Document ID (CASI): 20050092438  
Publication Date: May 11, 1950  
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Investigation of the Spin and Recovery Characteristics of a 0.057-Scale Model of the Modified Chance Vought XF7U-1 Airplane  
Author: Berman, Theodore; Pumphrey, Norman E.  
Report Number: NACA-RM-SL50F02  
Document ID (CASI): 20050080688  
Publication Date: 1950  
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Ditching Investigation of a 1/24-Scale Model of the Boeing B-47 Airplane  
Author: Fisher, Lloyd J.; Windham, John O.  
Report Number: NACA-RM-SL50E03  
Document ID (CASI): 20050029374  
Publication Date: May 2, 1950  
Authorized Users: NASA personnel only

Title (Incl. Subtitle): 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  
Author: Conner, D. W.; Guy, L. D.  
Author Affil.: NASA Langley Research Center; NASA Langley Research Center  
Accession Number: 71X71427  
Report Number: NACA-RM-SL50E10  
Document ID (CASI): 19710072845  
Publication Date: May 4, 1950  
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Model ditching investigations of three airplanes equipped with hydro-skis  
Author: Fisher, L. J.  
Author Affil.: NASA Langley Research Center
Author: Sawyer, Richard H.; Trant, James P., Jr.
Report Number: NACA-RM-SL50D18
Document ID (CASI): 20050028471
Publication Date: April 20, 1950
Authorized Users: NASA personnel only

Author: Hewes, Donald E.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL50E01
Document ID (CASI): 20050029391
Publication Date: April 28, 1950
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Rough-Water Tests of Models of the Vosper and Plum Planing Boats
Author: Chambliss, Derrill B.; Blanchard, Ulysse J.
Report Number: NACA-RM-SL50D25
Document ID (CASI): 20050028455
Publication Date: April 27, 1950
Authorized Users: NASA personnel only

Author: Frankl, F. I.
Report Number: NACA-TM-1251
Document ID (CASI): 20050028457
Publication Date: April 1950
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Vibration of a Wing of Finite Span in a Supersonic Flow
Author: Haskind, M. D.; Falkovich, S. V.
Report Number: NACA-TM-1257
Document ID (CASI): 20050019613
Publication Date: April 1950
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Some Studies on the Flow of a Gas in the Region of Transition Through the Velocity of Sound
Author: Kiebel, I. A.
Author: Maki, Ralph L.
Author Affil.: National Advisory Committee for Aeronautics. Ames Aeronautical Lab.
Report Number: NACA-RM-SA50D05
Document ID (CASI): 20050019252
Publication Date: April 05, 1950
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Investigation of High-Subsonic Performance Characteristics of a 12 degree 21-Inch Conical Diffuser, Including the Effects of Change in Inlet-Boundary-Layer Thickness
Author: Copp, Martin R.; Klevatt, Paul L.
Report Number: NACA-RM-L9H10
Document ID (CASI): 20050092434
Publication Date: March 24, 1950
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Summary of Investigations of Mark 25 Aerial-Torpedo Turbine
Author: Schum, Harold J.; Whitney, Warren J.; Buckner, Howard A., Jr.
Report Number: NACA-RM-SE50D12
Document ID (CASI): 20050019333
Publication Date: March 1, 1950
Authorized Users: NASA personnel only

Title (Incl. Subtitle): The Zero-Lift Drag of Several Configurations of the XAAM-N-2 Pilotless Aircraft.
TED No. NACA DE332
Author: Hall, James R.; Sandahl, Carl A.
Report Number: NACA-RM-SL50C16a
Document ID (CASI): 20090026496
Publication Date: March 12, 1950
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Free-Spinning-Tunnel Investigation of a 1/24-Scale Model of the Grumman AF-2S,-2W Airplane
Author: Klinar, Walter J.; Wilson, Jack H.
Report Number: NACA-RM-SL51B20
Document ID (CASI): 20050029448
Publication Date: March 16, 1950
Authorized Users: NASA personnel only
Title: The Boundary Layers in Fluids with Little Friction
Author: Blasius, H.
Report Number: NACA-TM-1256
Document ID (CASI): 20050028493
Publication Date: February 1950
Authorized Users: NASA personnel only

Title: Free-Flight Investigation of the Static and Dynamic Longitudinal Stability Characteristics of 1/3.7-Scale Rocket-Powered Models of the Bell MX-776A
Author: Michal, David H.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL50B23
Document ID (CASI): 20050028504
Publication Date: February 1950
Authorized Users: NASA personnel only

Title: Preliminary Performance Data on General Electric Integrated Electronic Control Operating on J47 RX1-3 Turbojet Engine in NACA Altitude Wind Tunnel
Author: Blivas, Darnold; Taylor, Burt L., III
Report Number: NACA-RM-SE50G12
Document ID (CASI): 20050019315
Publication Date: [1950]
Authorized Users: NASA personnel only

Title: Static Longitudinal Stability of a Tandem-Coupled Bomber-Fighter Airplane Configuration Proposed by All American Airways, Inc.
Author: Hewes, Donald E.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL50C14A
Document ID (CASI): 20050028478
Publication Date: [1950]
Authorized Users: NASA personnel only

Title: Calibration of Instruments for Measuring Wind Velocity and Direction
Author: Vogler, Raymond D.; Pilny, Miroslav J.
Report Number: NACA-RM-SL50I07
Document ID (CASI): 20090023624
Publication Date: [1950]
Authorized Users: NASA personnel only

Title: Yawed-Landing Investigation of a Model of the Convair Y2-2 Airplane, TED No. NACA DE 363
Author: Hoffman, Edward L.; Fisher, Lloyd J.
Report Number: NACA-RM-SL51H17A
Document ID (CASI): 20050029444
Publication Date: [1950]

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Title (Incl. Subtitle): Free-Spinning-Tunnel Investigation of a 1/30-Scale Model of the Grumman XF10F-1 Airplane
Author: Berman, Theodore
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL50L14
Document ID (CASI): 20090023626
Publication Date: December 14, 1950
Authorized Users: NASA personnel only

Author: Graham, David
Author Affil.: National Advisory Committee for Aeronautics. Ames Aeronautical Lab.
Report Number: NACA-RM-SA50A05
Document ID (CASI): 20050019254
Publication Date: January 05, 1950
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Ditching Investigation of a 1/14-Scale Model of the Northrop C-125 Airplane
Author: Fisher, Lloyd J.; Windham, John O.
Report Number: NACA-RM-SL51C28
Document ID (CASI): 20050030016
Publication Date: [1950]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Wind-Tunnel Investigation of a Full-Scale Model of the Hughes MX-904 Missile
Report Number: NACA-RM-SL9D28
Document ID (CASI): 20050030059
Publication Date: [1950]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Ditching Investigation of a 1/15-Scale Model of the Convair-Liner Airplane
Author: Fisher, Lloyd J.; Thompson, William C.
Report Number: NACA-RM-SL50K02
Document ID (CASI): 20050019446
Publication Date: [1950]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Large-Scale Flight Measurements of Zero-Lift Drag at Mach Numbers from 0.90 to 1.95 of 1/14-Scale Model of the Northrop MX-775B Pilotless Aircraft with Small Body
Author: Gillespie, Warren, Jr.; Arbic, Richard G.
Report Number: NACA-RM-SL50H18
Document ID (CASI): 20090023625
Title (Incl. Subtitle): Some performance and operational problems of turbojet engine at altitude. Part 2 - Over-all engine performance and operating characteristics at altitude
Author: Fleming, W. A.; Wilsted, H. D.; Young, A. W.
Author Affil.: NASA Lewis Research Center; NASA Lewis Research Center; NASA Lewis Research Center
Accession Number: 68N88127
Document ID (CASI): 19680073316
Publication Date: JAN 1, 1950
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Some performance and operational problems of turbojet engine at altitude. Part 3 - Effect of altitude on aerodynamic characteristics of turbojet engine components
Author: Sanders, N. D.; Wallner, L. E.
Author Affil.: NASA Lewis Research Center; NASA Lewis Research Center
Accession Number: 68N88128
Document ID (CASI): 19680073317
Publication Date: JAN 1, 1950
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Some performance and operational problems of the turbojet engine at altitude. Part 4 - Combustion
Author: Childs, J. H.
Author Affil.: NASA Lewis Research Center
Accession Number: 68N88129
Document ID (CASI): 19680073318
Publication Date: JAN 1, 1950
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Some performance and operational problems of the turbojet engine at altitude. Part 5 - Effects of fuel and fuel injection
Author: Barnett, H. C.; Gibbons, L. C.
Author Affil.: NASA Lewis Research Center; NASA Lewis Research Center
Accession Number: 68N88130
Document ID (CASI): 19680073319
Publication Date: JAN 1, 1950
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Some performance and operational problems of the turbojet engine at altitude. Part 6 - Summary and future trends
Author: Olson, W. T.
Author Affil.: NASA Lewis Research Center
Accession Number: 68N88131
Document ID (CASI): 19680073320
Title (Incl. Subtitle): Landing Procedure in Model Ditching Tests of Bf 109
Author: Sottorf, W.
Report Number: NACA-TM-1247
Document ID (CASI): 20050019585
Publication Date: December 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Pressure-Distribution Measurements on the Tail Surfaces of a Rotating Model of the Design BFW - M31
Author: Kohler, M.; Mautz, W.
Author Affil.: Zentrale fuer Wissenschaftliches Berichtswesen; Zentrale fuer Wissenschaftliches Berichtswesen
Report Number: NACA-TM-1220
Document ID (CASI): 20050029436
Publication Date: December 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Full-Scale Hydrodynamic Evaluation of a Modified Navy J4F-2 Amphibian with a 0.425-Scale XP5M-1 Hull Bottom. TED No. NACA DE325
Author: Land, Norman S.; Elliott, John M.; Christopher, Kenneth W.
Report Number: NACA-RM-SL9L07a
Document ID (CASI): 20090026501
Publication Date: December 07, 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Flight Investigations at High-Subsonic, Transonic, and Supersonic Speeds to Determine Zero-Lift Drag of Fin-Stabilized Bodies of Revolution having Fineness Ratios of 12.5, 8.91, and 6.04 and Varying Positions of Maximum Diameter
Author: Hart, Roger G.; Katz, Ellis R.
Report Number: NACA-RM-L9I30
Document ID (CASI): 20050019251
Publication Date: November 30, 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Two-Dimensional Potential Flows
Author: Schaefer, Manfred; Tollmien, W.
Author Affil.: Technische Hochschule; Technische Hochschule
Report Number: NACA-TM-1243
Document ID (CASI): 20050028449
Publication Date: November 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Measurement of Oil-Film Pressures in Journal Bearings under Constant and Variable Loads
Author: Buske, A.; Rolli, W.
Report Number: NACA-TM-1200
Document ID (CASI): 20050029430
Publication Date: November 1949
Title (Incl. Subtitle): Investigation of the Kingfisher XAUM-2 flying torpedo in the Langley full scale tunnel, ted no. NACA DE 327
Author: Barnett, U. R.; Cocke, B. W.
Author Affil.: NASA Langley Research Center; NASA Langley Research Center
Accession Number: 71X80116
Document ID (CASI): 19710081528
Publication Date: Oct 6, 1949
Authorized Users: NASA personnel only
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Title (Incl. Subtitle): General Characteristics of a Airspeed System using Fuselage Static Vents on a Swept-Wing Airplane
Author: Johnston, J. Ford; OBryan, Thomas C.
Report Number: NACA-RM-SL9J21
Document ID (CASI): 20090026502
Publication Date: October 21, 1949
Authorized Users: NASA personnel only
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Title (Incl. Subtitle): Lift Force of an Arrow-Shaped Wing
Author: Gurevich, M. I.
Report Number: NACA-TM-1245
Document ID (CASI): 20050028450
Publication Date: October 1949
Authorized Users: NASA personnel only
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Title (Incl. Subtitle): Aerodynamic Characteristics of a 0.5-Scale Model of the Fairchild XSAM-N-2 Lark Missile at High Subsonic Speeds
Author: Martin, Andrew; Hunter, Harlo A.
Report Number: NACA-RM-SA9I28; NACA DE322
Document ID (CASI): 20090022099
Publication Date: September 28, 1949
Authorized Users: NASA personnel only
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Title (Incl. Subtitle): Behavior of the Laminar Boundary Layer for Periodically Oscillating Pressure Variation
Author: Quick, august Wilhelm; Schroeder, K.
Report Number: NACA-TM-1228
Document ID (CASI): 20050028446
Publication Date: September 1949
Authorized Users: NASA personnel only
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Author: Filzek, B.
Author Affil.: Zentrale fuer Wissenschaftliches Berichtswesen
Report Number: NACA-TM-1197
Document ID (CASI): 20050029422
Publication Date: September 1949
Authorized Users: NASA personnel only

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Title (Incl. Subtitle): Ditching Tests of a 1/18-Scale Model of the Lockheed Constellation Airplane with Speedpak Attached
Author: Fisher, Lloyd J.; Thompson, William C.
Report Number: NACA-RM-SL9H05a
Document ID (CASI): 20050071552
Publication Date: August 09, 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Fluid flow through porous metals
Author: Green, L., Jr.
Author Affil.: Jet Propulsion Lab., California Inst. of Tech.
Accession Number: 72X10431
Report Number: NASA-CR-127050; JPL-PR-4-3
Document ID (CASI): 19720068517
Publication Date: Aug 19, 1949
Authorized Users: U.S. Government agencies and U.S. Government agency contractors only

Author: Beede, William L.; Withee, Joseph R., Jr.
Report Number: NACA-RM-SE9G13
Document ID (CASI): 20050019420
Publication Date: August 03, 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Wind-Tunnel Tests of a 0.16-Scale Model of the Douglas MX-656 Airplane at High Subsonic Speeds. II - Wing and Fuselage Pressure Distribution
Author: Cleary, Joseph W.; Mellenthin, Jack A.
Report Number: NACA-RM-SA9H22
Document ID (CASI): 20090022100
Publication Date: August 22, 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): An NACA Vane-Type Angle-of-Attack Indicator for use at Subsonic and Supersonic Speeds
Author: Mitchell, Jesse L.; Peck, Robert F.
Report Number: NACA-RM-L9F28a
Document ID (CASI): 20050080746
Publication Date: August 16, 1949
Authorized Users: NASA personnel only
Title (Incl. Subtitle): Performance of Single-Stack Turbine of Mark 25 Torpedo Power Plant with Two Special Nozzles
Title: Number of Part: II
Title: Name of Part: Efficiency with 20 Degrees-Inlet-Angle Rotor Blades
Author: Schum, Harold J.; Whitney, Warren J.
Report Number: NACA-RM-SE9H09
Document ID (CASI): 20050019363
Publication Date: August 25, 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Flow Measurement by Means of Light Interference
Author: Zobel, Th.
Author Affil.: Zentrale fuer Wissenschaftliches Berichtswesen
Report Number: NACA-TM-1253
Document ID (CASI): 20050019629
Publication Date: August 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Investigation of Conditions of Titanium Carbonization - IV
Author: Meerson, G. A.; Lipkes, Y. M.
Report Number: NACA-TM-1235
Document ID (CASI): 20050028464
Publication Date: July 1949
Authorized Users: NASA personnel only

Author: Buschner, R.
Author Affil.: Zentrale fuer Wissenschaftliches Berichtswesen
Report Number: NACA-TM-1226
Document ID (CASI): 20050029443
Publication Date: July 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): High-Speed Wind-Tunnel Investigation of the Lateral Stability Characteristics of a 0.10-Scale Model of the Grumman XF9F-2 Airplane, TED No. NACA DE 301
Author: Polhamus, Edward C.; King, Thomas J., Jr.
Report Number: NACA-RM-Sl9G21A
Document ID (CASI): 20050030036
Publication Date: July 22, 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Comparison of Water-Load Distributions Obtained during Seaplane Landings with Bureau of Aeronautics Specifications. TED No. NACA 2413
Author: Smiley, Robert F.; Haines, Gilbert A.
Report Number: NACA-RM-SL9G01
Author: Kovach, Karl; Osborn, Walter M.
Report Number: NACA-RM-SE9F30
Document ID (CASI): 20050019297
Publication Date: July 11, 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Experimental Flights for Testing of a Reactor as an Expedient for the Termination of Dangerous Spins
Author: Hoehler, P.; Koeppen, I. v.
Author Affil.: Zentrale fuer Wissenschaftliches Berichtswesen; Zentrale fuer Wissenschaftliches Berichtswesen
Report Number: NACA-TM-1221
Document ID (CASI): 20050242932
Publication Date: July 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Wind-Tunnel Investigation of the Low-Speed Static Stability and Control Characteristics of a Model of Bell MX-776
Author: Queijo, M. J.; Michael, W. H., Jr.
Report Number: NACA-RM-SL9G08
Document ID (CASI): 20050031073
Publication Date: July 06, 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Altitude Performance of AN-F-58 Fuels in British Rolls-Royce Nene Single Combustor
Author: Cook, William P.; Koch, Richard G.
Report Number: NACA-RM-E9D08; Rept-1114
Document ID (CASI): 20050019339
Publication Date: July 08, 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Susceptibility to Welding Cracking, Welding Sensitivity, Susceptibility to Welding Seam Cracking, and Test Methods for These Failures
Author: Zeyen, K. L.
Author Affil.: Zentrale fuer Wissenschaftliches Berichtswesen
Report Number: NACA-TM-1249
Document ID (CASI): 20050019587
Publication Date: June 1949
Authorized Users: NASA personnel only
Title (Incl. Subtitle): Effect of the Acceleration of Elongated Bodies of Revolution Upon the Resistance in a Compressible Flow
Author: Frankl, F. I.
Report Number: NACA-TM-1230
Document ID (CASI): 20050029447
Publication Date: May 1949
Authorized Users: NASA personnel only

Author: Graham, Robert C.; Tysl, Edward R.
Report Number: NACA-RM-SE9E03
Document ID (CASI): 20090023712
Publication Date: May 03, 1949
Authorized Users: NASA personnel only

Author: Hunten, Lynn W.; Dew, Joseph K.
Report Number: NACA-RM-SA9C04
Document ID (CASI): 20090026981
Publication Date: May 04, 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Performance of Single-Stage Turbine of Mark 25 Torpedo Power Plant with Two Special Nozzles
Title: Number of Part: 1
Title: Name of Part: Efficiency with 0.45-inch Rotor Blades
Author: Schum, Harold J.; Whitney, Waren J.
Report Number: NACA-RM-SE9G20A
Document ID (CASI): 20090022319
Publication Date: May 04, 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Gas Motion in a Local Supersonic Region and Conditions of Potential-Flow Breakdown
Author: Nikolskii, A. A.; Taganov, G. I.
Report Number: NACA-TM-1213
Document ID (CASI): 20050028439
Publication Date: May 1949
Title (Incl. Subtitle): On the Theory of the Laval Nozzle
Author: Falkovich, S. V.
Report Number: NACA-TM-1212
Document ID (CASI): 20050028438
Publication Date: April 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Lame’s Wave Functions of the Ellipsoid of Revolution
Author: Meixner, J.
Author Affil.: Zentrale fuer Wissenschaftliches Berichtswesen
Report Number: NACA-TM-1224
Document ID (CASI): 20050242058
Publication Date: April 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Wind-Tunnel Tests of a 0.16-Scale Model of the Douglas MX-656 Airplane at High Subsonic Speeds
Title: Number of Part: 1
Title: Name of Part: Stability and Control Characteristics
Author: Hamilton, William T.; Cleary, Joseph W.
Report Number: NACA-RM-SA9D26
Document ID (CASI): 20090022160
Publication Date: April 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Heat Transmission in the Boundary Layer
Author: Kalikhman, L. E.
Report Number: NACA-TM-1229
Document ID (CASI): 20050028447
Publication Date: April 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Altitude-Test-Chamber Investigation of McDonnell Afterburner on J34 Engine
Author: Reller, John O.; Dowman, Harry W.
Report Number: NACA-RM-SE9D19
Document ID (CASI): 20090023627
Publication Date: April 18, 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Lecture Series "Boundary Layer Theory"
Title: Number of Part: Part 1
Title: Name of Part: Laminar Flows
Author: Schlichting, H.
Author Affil.: Luftfahrtforschungsanstalt Hermann Goering
Report Number: NACA-TM-1217-Pt-1
Document ID (CASI): 20040021320
Publication Date: April 1949
Title (Incl. Subtitle): Rotation in Free Fall of Rectangular Wings of Elongated Shape
Author: Dupleich, Paul
Report Number: NACA-TM-1201
Document ID (CASI): 20050029433
Publication Date: April 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Exact Calculation of Laminar Boundary Layer in Longitudinal Flow over a Flat Plate with Homogeneous Suction
Author: Iglisch, Rudolf
Author Affil.: National Advisory Committee for Aeronautics
Report Number: NACA-TM-1205
Document ID (CASI): 20050019547
Publication Date: April 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Boundary Layer Theory
Title: Number of Part: Part 1
Title: Name of Part: Laminar Flows
Author: Schlichting, H.
Author Affil.: Zentrale fuer Wissenschaftliches Berichtswesen
Report Number: NACA-TM-1217-Pt-1
Document ID (CASI): 20050031105
Publication Date: April 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Boundary Layer Theory
Title: Number of Part: Part 2
Title: Name of Part: Turbulent Flows
Author: Schlichting, H.
Author Affil.: Zentrale fuer Wissenschaftliches Berichtswesen
Report Number: NACA-TM-1218
Document ID (CASI): 20050040758
Publication Date: April 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): High Speed Stability and Control Characteristics of a 0.17-Scale Model of the McDonnell XF2H-1 Airplane (TED No. NACA DE 318)
Author: Axelson, John A.; Emerson, Horace F.
Report Number: NACA-RM-SA9C31
Document ID (CASI): 20090022152
Publication Date: March 31, 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Calibration Tests of a German Log Rodmeter
Author: Mottard, Elmo J.; Stillman, Everette R.
Report Number: NACA-RM-SL9C15
Title (Incl. Subtitle): Development of Spoiler Controls for Remote Control of Flying Missiles
Author: Ernst, G.; Kramer, M.
Author Affil.: Zentrale fuer Wissenschaftliches Berichtswesen; Zentrale fuer Wissenschaftliches Berichtswesen
Report Number: NACA-TM-1210
Document ID (CASI): 20050028416
Publication Date: March 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Calibration Tests of a Japanese Log Rodmeter
Author: Mottard, Elmo J.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL9C14
Document ID (CASI): 20090026467
Publication Date: March 14, 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Flight Investigation of 6.25-Inch-Diameter Deacon Rocket and 10-Inch-Scale Model Rocket
Author: Watson, R. S.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L8H26
Document ID (CASI): 20050019279
Publication Date: March 25, 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Flow Pattern in a Converging-Diverging Nozzle
Author: Oswatitsch, K.; Rothstein, W.
Report Number: NACA-TM-1215
Document ID (CASI): 20050031101
Publication Date: March 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): The Characteristics Method Applied to Stationary Two-Dimensional and Rotationally Symmetrical Gas Flows
Author: Pfeiffer, F.; Meyer-Koenig, W.
Author Affil.: Zentrale fuer Wissenschaftliches Berichtswesen; Zentrale fuer Wissenschaftliches Berichtswesen
Report Number: NACA-TM-1211
Document ID (CASI): 20050028421
Publication Date: March 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): An Approximate Method for Calculation of the Laminar Boundary Layer with Suction for Bodies of Arbitrary Shape
Author: Schlichting, H.
Author Affil.: Technische Univ.
Report Number: NACA-TM-1216
Document ID (CASI): 20050031104
Title (Incl. Subtitle): An Investigation of a Full-Scale Model of the Republic XF-91 Airplane in the Ames 40- by 80-Foot Wind Tunnel: Pressure Data
Author: Hunton, Lynn W.; Dew, Joseph K.
Report Number: NACA-RM-SA9C25
Document ID (CASI): 20050019248
Publication Date: March 25, 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Investigation of Stability and Control Characteristics of a 1/10-scale Model of a Canadian Tailless Glider in the Langley Free-flight Tunnel
Author: Johnson, Joseph L.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL9C28
Document ID (CASI): 20090026465
Publication Date: March 28, 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Calculation of counterrotating propellers
Author: Ginzel, F.
Author Affil.: Zentrale fuer Wissenschaftliches Berichtswesen
Report Number: NACA-TM-1208
Document ID (CASI): 20050242059
Publication Date: March 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): On Wind Tunnel Tests and Computations Concerning the Problem of Shrouded Propellers
Author: Kruger, W.
Report Number: NACA-TM-1202
Document ID (CASI): 20050241797
Publication Date: February 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Investigation of the Effect of Tip Tanks on the Wing Loading of a Republic F-84 Airplane in the Ames 40- by 80-foot Wind Tunnel
Author: Hunton, Lynn W.; Dew, Joseph K.; Salisbury, Ralph D.
Report Number: NACA-RM-SA9B02
Document ID (CASI): 20090026347
Publication Date: February 02, 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Preliminary wind-tunnel tests of triangular and rectangular wings in steady roll at Mach numbers of 1.62 and 1.92
Author: Brown, Clinton E.; Heinke, Harry S., Jr
Accession Number: 93R14844
Title (Incl. Subtitle): Spin and Recovery Characteristics of the Northrop XF-89 Airplane
Author: Berman, Theodore
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL9B28a
Document ID (CASI): 20090026468
Publication Date: February 28, 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Rough-water Landings of a 0.1-Size Powered Dynamic Model of the XP5Y-1 Flying Boat with Two Types of Afterbody - Langley Tank Model 228 (TED No. NACA DE309)
Author: Garrison, Charlie C.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL9B09
Document ID (CASI): 20090026469
Publication Date: February 09, 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Compression Shocks in Two-Dimensional Gas Flows
Author: Busemann, A.
Report Number: NACA-TM-1199
Document ID (CASI): 20050029423
Publication Date: February 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Response of a Rotating Propeller to Aerodynamic Excitation
Author: Arnoldi, Walter E.
Author Affil.: Hamilton Standard Div., United Aircraft Corp.
Report Number: NACA-RM-8I07
Document ID (CASI): 20050019249
Publication Date: January 21, 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Performance of Single-Stage Turbine of Marks 25 Torpedo Power Plant with Two Nozzles and Three Rotor-Blade Designs
Author: Schum, Harold J.; Whitney, Warren J.
Report Number: NACA-RM-SE9J25
Document ID (CASI): 20050029427
Publication Date: [1949]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Systematic model researches on the stability limits of the DVL series of float designs
Author: Sottorf, W.
Report Number: NACA/TM-1254
Document ID (CASI): 20050242069
Publication Date: 1949
Authorized Users: NASA personnel only
Title (Incl. Subtitle): Effect of Air Cooling of Turbine Disk on Power and Efficiency of Turbine from Turbo Engineering Corporation TT13-18 Turbosupercharger.
Author: Berkey, William E.
Author Affil.: National Advisory Committee for Aeronautics. Lewis Flight Propulsion Lab.
Report Number: NACA-RM-SE9E20
Document ID (CASI): 20090023713
Publication Date: [1949]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Experimental study of flow past turbine blades
Author: Eckert, E.; Vietinghoff-Scheel, K. V.
Report Number: NACA-TM-1209
Document ID (CASI): 20050241784
Publication Date: 1949
Authorized Users: NASA personnel only

Author: Sams, Eldon W.; Desmon, Leland G.
Author Affil.: National Advisory Committee for Aeronautics; National Advisory Committee for Aeronautics
Report Number: NACA/RM-E9D12
Document ID (CASI): 20050242946
Publication Date: 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Computation of Thin-Walled Prismatic Shells
Author: Vlasov, V. Z.
Author Affil.: National Advisory Committee for Aeronautics
Report Number: NACA/TM-1234
Document ID (CASI): 20050243020
Publication Date: 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Performance of Axial-Flow Supersonic Compressor on XJ-55-FF-1 Turbojet Engine
Title: Number of Part: 1
Title: Name of Part: Preliminary Performance of Compressor
Author: Hartmann, Melvin J.; Graham, Robert C.
Report Number: NACA-RM-SE9A31
Document ID (CASI): 20090026509
Publication Date: January 30, 1949
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Resistance and Spray Characteristics of a 1/13-Scale Model of the Consolidated Vultee Skate 7 Seaplane, TED No. NACA DE 338
Author: McKann, Robert E.; Coffee, Claude W.; Arabian, Donald D.
Title (Incl. Subtitle): Supplementary Wind-Tunnel Investigation of the Stability of the Jettisonable Nose Section of the X-2 Airplane
Author: Goddwin, Roscoe H.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL9G21
Document ID (CASI): 20050030062
Publication Date: [1949]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Performance of Single-Stage Turbine of Mark 25 Torpedo Power Plant with Two Special Nozzles
Title: Number of Part: III
Title: Name of Part: Efficiency with Standard Rotor Blades
Author: Schum, Harold J.; Whitney, Warren J.
Report Number: NACA-RM-SE9H30
Document ID (CASI): 20050019612
Publication Date: [1949]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): On Lift Properties and Induced Drag of Wing-Fuselage Combination
Author: Nikolski, A. A.
Author Affil.: NASA Langley Research Center
Report Number: NASA-RE-5-1-59W
Document ID (CASI): 20030067693
Publication Date: [1949]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Altitude-Wind-Tunnel Investigation of Westinghouse 19B-2 19B-8, and 19XB-1 Jet-Propulsion Engines
Title: Number of Part: Part 1
Title: Name of Part: Operational Characteristics
Author: Fleming, William A.
Author Affil.: National Advisory Committee for Aeronautics. Lewis Flight Propulsion Lab.
Report Number: NACA-RM-E8J28-Pt-1
Document ID (CASI): 20050030046
Publication Date: November 22, 1948
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Inlet icing and effectiveness of hot-gas bleedback for ice protection of turbojet engine
Author: Fleming, William A; Saari, Martin J
Accession Number: 93R14790
Report Number: NACA-RM-E8J25c
Title (Incl. Subtitle): Measurements in Flight of the Longitudinal-Stability Characteristics of a Republic YF-84A Airplane (Army Serial No. 45-59488) at High Subsonic Mach Numbers
Author: Turner, Howard L.; Cooper, George E.
Report Number: NACA-RM-SA8K03
Document ID (CASI): 20050019276
Publication Date: November 04, 1948
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Simulated Altitude Performance of Combustors for the Westinghouse 24C Jet Engine I-24C-2 Combustor
Author: Manganiello, Eugene J.; Bernardo, Everett; Schroeter, Thomas T.
Report Number: NACA-RM-E6JO9
Document ID (CASI): 20090023598
Publication Date: November 19, 1948
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Method of estimating the minimum size of a tail or wing-tip parachute for emergency spin recovery of an airplane
Author: Malvestuto, Frank S., Jr
Accession Number: 93R23053
Report Number: NACA-RM-L8D27
Document ID (CASI): 19930093751
Authorized Users: NASA personnel only

Author: Hunton, Lynn W.; James, Harry A.
Report Number: NACA-RM-SA8J22
Document ID (CASI): 20050019260
Publication Date: October 22, 1948
Authorized Users: NASA personnel only

Title (Incl. Subtitle): An Investigation of the Aerodynamic Characteristics of an 0.08-Scale Model of the Chance Vought XF7U-1 Airplane in the Langley High-Speed 7-by 10-Foot Tunnel: TED No. DE308
Title: Number of Part: 6
Title: Name of Part: Estimated High-Speed Flying Qualities
Author: Donlan, Charles J.; Kuhn, Richard E.
Author Affil.: NASA Langley Research Center; NASA Langley Research Center
Report Number: NACA-RM-SL8J15-Pt-6
Document ID (CASI): 20050080699
Publication Date: October 28, 1948
Authorized Users: NASA personnel only
Author: Hunton, Lynn W.; James Harry A.
Report Number: NACA-RM-SA8123
Document ID (CASI): 20090026988
Publication Date: September 27, 1948
Authorized Users: NASA personnel only

Altitude-Wind-Tunnel Investigation of a 3000-Pound-Thrust Axial-Flow Turbojet Engine
Title: Number of Part: Part 5
Title: Name of Part: Performance and Windmilling Drag Characteristics
Author: Meyer, Carl L.; Bloomer, Harry E.
Report Number: NACA-RM-E8B26; Rept-928
Document ID (CASI): 20050019242
Publication Date: August 23, 1948
Authorized Users: NASA personnel only

Performance of J33-A-23 Turbojet-Engine Compressor
Title: Number of Part: II
Title: Name of Part: Over-All Performance Characteristics of Compressor with 34-Blade Impeller at Equivalent Impeller Speeds from 6000 to 11,750 RPM
Author: Beede, William L.; Kovach, Karl
Report Number: NACA-RM-SE8H13
Document ID (CASI): 20050019294
Publication Date: August 25, 1948
Authorized Users: NASA personnel only

Measurements on Compressor-Blade Lattices
Author: Weinig, F.
Author Affil.: Luftfahrtforschungsanstalt Hermann Goering
Report Number: NACA-TM-1193
Document ID (CASI): 20050031087
Publication Date: August 1948
Authorized Users: NASA personnel only

Altitude-Wind-Tunnel Investigation of a 4000-Pound-Thrust Axial-Flow Turbojet Engine
Title: Number of Part: Part 1
Title: Name of Part: Performance and Windmilling Drag Characteristics
Author: Fleming, William A.
Author Affil.: National Advisory Committee for Aeronautics. Lewis Flight Propulsion Lab.
Report Number: NACA-RM-E8F09-Pt-1
Document ID (CASI): 20050030047
Title (Incl. Subtitle): Free-Spinning-Tunnel Tests of a 1/24-Scale Model of the North American XP-86 Airplane
Author: Berman, Theodore
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL8D22
Document ID (CASI): 20050028753
Publication Date: May 17, 1948
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Air Force - NACA Conference on XS-1 Flight Research
Document ID (CASI): 19990010661
Publication Date: May 19, 1948
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Preliminary Results of British Nene II Engine Altitude-Chamber Performance Investigation Altitude Performance Using Standard 18.75-Inch-Diameter Jet Nozzle
Title: Number of Part: 1
Title: Name of Part: Altitude Performance Using Standard 18.75-Inch-Diameter Jet Nozzle
Author: Barson, Zelman; Wilsted, H. D.
Report Number: NACA-RM-E8E12
Document ID (CASI): 20090022750
Publication Date: May 24, 1948
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Test Report on Three- and Six-Component Measurements on a Series of Tapered Wings of Small Aspect Ratio
Author: Lange; Wacke
Author Affil.: Zentrale fuer Wissenschaftliches Berichtswesen; Zentrale fuer Wissenschaftliches Berichtswesen
Report Number: NACA-TM-1176
Document ID (CASI): 20050009878
Publication Date: May 1948
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Evaluation of Gust and Draft Velocities from Flights of P-61C Airplanes within Thunderstorms September 10, 1947 to September 15, 1947 at Clinton County Army Air Field, Ohio
Author: Funk, Jack
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L8C31
Document ID (CASI): 20050019277
Publication Date: April 08, 1948
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Evaluation of Gust and Draft Velocities from Flights of P-61C Airplanes within Thunderstorms September 4, 1947 to September 5, 1947 at Clinton County Army Air Field, Ohio
Author: Funk, Jack
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L8C19
Document ID (CASI): 20050019272
Author: Funk, Jack
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L8B04
Document ID (CASI): 20050019240
Publication Date: March 05, 1948
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Ditching Tests of Two Models of the Army B-36 Airplane
Author: Fisher, Lloyd J.; Cederborg, Gibson, A.
Report Number: NACA-RM-SL8B25
Document ID (CASI): 20050028752
Publication Date: March 1948
Authorized Users: NASA personnel only

Author: Beede, William L.; Kovach, Karl; Creagh, John W.R.
Report Number: NACA-RM-SE8C15
Document ID (CASI): 20090011948
Publication Date: March 30, 1948
Authorized Users: NASA personnel only

Author: Berman, Theodore
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL7L09
Document ID (CASI): 20050028613
Publication Date: February 04, 1948
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Evaluation of Gust and Draft Velocities from Flights of F-61C Airplanes within Thunderstorms August 7, 1947 to August 13, 1947 at Clinton County Army Air Field, Ohio
Author: Funk, Jack
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L8A30
Document ID (CASI): 20050040788
Publication Date: February 13, 1948
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Evaluation of Gust and Draft Velocities from Flights of P-61C Airplanes within Thunderstorms August 13, 1947 to August 15, 1947 at Clinton County Army Air Field, Ohio
Author: Funk, Jack
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L8A27
Document ID (CASI): 20050019369
Publication Date: February 02, 1948
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Ditching Tests of a 1/20-Scale Model of the Northrop B-35 Airplane
Author: Fisher, Lloyd J.
Title (Incl. Subtitle): Vibration Survey of Blades in 19XB Axial-Flow Compressor
Title: Number of Part: 3
Title: Name of Part: Preliminary Engine Investigation
Author: Meyer, Andre J., Jr.; Calvert, Howard F.
Author Affil.: National Advisory Committee for Aeronautics. Lewis Flight Propulsion Lab.; National
Advisory Committee for Aeronautics. Lewis Flight Propulsion Lab.
Report Number: NACA-RM-SE8A28
Document ID (CASI): 20090026506
Publication Date: January 28, 1948
Authorized Users: NASA personnel only

Title (Incl. Subtitle): High-Speed Wind-Tunnel Investigation of the Longitudinal Stability and Control
Characteristics of a 0.10-Scale Model of the Grumman XF9F-2 Airplane, TED No. NACA DE301
Author: Polhamus, Edward C.; King, Thomas J., Jr.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.; National
Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL8K16
Document ID (CASI): 20050029397
Publication Date: [1948]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Tests of the AN/SPS-1 Radar Antenna in the Langley Full-Scale Tunnel
Author: May, Ralph W., Jr.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL7L02
Document ID (CASI): 20050028508
Publication Date: [1948]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Effect of Length-Beam Ratio on the Aerodynamic Characteristics of Flying-Boat
Hulls without Wing Interference
Author: Lowry, John G.; Riebe, John M.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.; National
Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L8A16
Document ID (CASI): 20090026293
Publication Date: January 16, 1948
Authorized Users: NASA personnel only

Airplane with Wing-Tip Tanks Installed
Author: Berman, Theodore; Wilson, Jack H.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.; National
Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL9F01
Document ID (CASI): 20050030061
Publication Date: [1948]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Ground Tests of a Radial Air-Cooled Engine to Correct a Poor Circumferential
Pressure-Recovery Distribution
Author: Gallagher, James J.
Author: Beede, William L.
Author Affil.: National Advisory Committee for Aeronautics. Lewis Flight Propulsion Lab.
Report Number: NACA-RM-SE8A19
Document ID (CASI): 20050019247
Publication Date: January 28, 1948

Title (Incl. Subtitle): Ditching Tests of a 1/10-Scale Model of the North American XFJ-1 Airplane Ted No. NACA 314
Author: Fisher, Lloyd J.; McBride, Ellis E.
Report Number: NACA-RM-SL8K15
Document ID (CASI): 20090026359
Publication Date: [1948]

Title (Incl. Subtitle): Evaluation of Gust and Draft Velocities from Flights of P-61C Airplanes within Thunderstorms May 13, 1947 to May 29, 1947 at Clinton County Army Air Field, Ohio
Author: Tolefson, Harold B.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L7J29
Document ID (CASI): 20050019385
Publication Date: January 02, 1948

Title (Incl. Subtitle): Free-Spinning-Tunnel Tests of a 1/29-Scale Model of the Republic XP-91 Airplane with a Vee Tail Installed
Author: Snyder, Thomas L.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L7L03
Document ID (CASI): 20050019414
Publication Date: January 16, 1948

Title (Incl. Subtitle): Free-Spinning-Tunnel Tests of a 0.057-Scale Model of the Chance Vought XF7U-1 Airplane
Author: Daughtridge, Lee T., Jr.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL8A13
Document ID (CASI): 20050028616
Publication Date: [1948]

Title (Incl. Subtitle): Performance of Compressor XJ-41-V Turbojet Engine I - Preliminary Investigation at Equivalent Compressor Speed of 8000 RPM
Author: Ginsburg, Ambrose; Creagh, John W.R.
Report Number: NACA-RM-E7A17a
Document ID (CASI): 20090012050
Title (Incl. Subtitle): Wind-Tunnel Investigation of the Low-Speed Characteristics of a 1/8-Scale Model of the Republic XP-91 Airplane with a Vee and a Conventional Tail
Author: Weiberg, James A.; Anderson, Warren E.
Report Number: NACA-RM-SA7L07
Document ID (CASI): 20050019255
Publication Date: December 15, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Fundamental Aerodynamic Investigations for Development of Arrow-Stabilized Projectiles
Author: Kurzweg, Hermann
Report Number: NACA-TM-1175
Document ID (CASI): 20050031123
Publication Date: December 1947
Authorized Users: NASA personnel only
Spec. Distrib. Authoriz.: Distribution of CASI archival copy not authorized

Title (Incl. Subtitle): Preliminary Results of an Altitude-Wind-Tunnel Investigation of a TG-100A Gas Turbine-Propeller Engine
Title: Number of Part: V
Title: Name of Part: Combustion-Chamber Characteristics
Author: Gensenheyner, Robert M.; Berdysz, Joseph J.
Report Number: NACA-RM-SE7L09
Document ID (CASI): 20050019241
Publication Date: December 31, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Flight Measurements of the Flying Qualities of a Lockheed P-80A Airplane (Army No. 44-85099) - Stalling Characteristics
Author: Anderson, Seth B.; Cooper, George E.
Report Number: NACA-RM-SA7L04
Document ID (CASI): 20090026348
Publication Date: December 04, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Investigation of Single-Stage Modified Turbine of Mark 25 Torpedo Power Plant
Author: Hoyt, Jack W.
Author Affil.: National Advisory Committee for Aeronautics. Lewis Flight Propulsion Lab.
Report Number: NACA-RM-SE7L15
Document ID (CASI): 20050019464
Publication Date: December 04, 1947
Authorized Users: NASA personnel only
Title (Incl. Subtitle): Flight Tests of Rocket-Powered "Tin-Can" Models of AAF Project MX-800
Author: Purser, Paul E.; Stone, David G.
Report Number: NACA-RM-L7K07a
Document ID (CASI): 20050019387
Publication Date: December 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Calculation of Wing Bending Moments and Tail Loads Resulting from the Jettison of Wing Tips During a Symmetrical Pull-Up
Author: Boshar, John
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL7K18
Document ID (CASI): 20050028495
Publication Date: December 11, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Free-Spinning-Tunnel Tests of a 1/24-Scale Model of the McDonnell XP-88 Airplane with a VEE Tail
Author: Berman, Theodore
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L7J23
Document ID (CASI): 20050019318
Publication Date: November 28, 1947
Authorized Users: NASA personnel only

Author: Bennett, Charles V.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L7J17
Document ID (CASI): 20050019246
Publication Date: November 17, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Aerodynamic Characteristics of a Number of Modified NACA Four-Digit-Series Airfoil Sections
Author: Loftin, Laurence K., Jr.; Cohen, Kenneth G.
Report Number: NACA-RM-L7I22
Document ID (CASI): 20050080677
Publication Date: 1947
Authorized Users: NASA personnel only
Title: Stability and Control Characteristics of a 1/10-Scale Model of the McDonnell XP-85 Airplane While Attached to the Trapeze
Author: Johnson, Joseph L.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L7J16
Document ID (CASI): 20050019306
Publication Date: November 17, 1947
Authorized Users: NASA personnel only

Title: Supplementary Data on Airspeeds and Mach Numbers Attained by Lockheed Constellation Airplanes in Transcontinental Operations
Author: Steiner, Roy
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L7F25
Document ID (CASI): 20050019394
Publication Date: October 10, 1947
Authorized Users: NASA personnel only

Title: Free-Spinning-Tunnel Tests of a 1/16-Scale Model of the Chance Vought XF5U-1 Airplane, TED No. NACA 2349
Author: White, Richard P.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L7I23
Document ID (CASI): 20050019312
Publication Date: October 17, 1947
Authorized Users: NASA personnel only

Title: Tests of Cascades of Airfoils for Retarded Flow
Author: Shimoyama, Yoshinori
Report Number: NACA-TM-1190
Document ID (CASI): 20050019495
Publication Date: October 1947
Authorized Users: NASA personnel only

Title: The Turbulent Flow in Diffusers of Small Divergence Angle
Author: Gourzhienko, G. A.
Author Affil.: Tsentralni Aerogidrodinamicheskii Inst.
Report Number: NACA-TM-1137
Document ID (CASI): 20050019433
Publication Date: October 1947
Authorized Users: NASA personnel only

Title: An Investigation of the Aerodynamic Characteristics of an 0.08-Scale Model of the Chance Vought XF7U-1 Airplane in the Langley High-Speed 7- by 10-Foot Tunnel
Title: Number of Part: Part V
Title: Name of Part: Wing-Alone Tests and Effect of Modifications to the Vertical Fins, Speed Brakes, and Fuselage, TED No. NACA DE308
Author: Kuhri, Richard E.; Myers, Boyd C., II
Report Number: NACA-RM-L7J09
Document ID (CASI): 20050019359
Title (Incl. Subtitle): Supersonic Wave Drag of Sweptback Tapered Wings at Zero Lift
Author: Margolis, Kenneth
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L7H12
Document ID (CASI): 20050080700
Publication Date: 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Stability of Plates and Shells Beyond the Proportional Limit
Author: Ilyushin, A. A.
Report Number: NACA-TM-1116
Document ID (CASI): 20050019421
Publication Date: October 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Measurements of Atmospheric Turbulence on Seattle-Alaska Airways
Author: Funk, Jack
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L7I25
Document ID (CASI): 20050019299
Publication Date: October 21, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Some Tests and Calculations Pertaining to the Dive Path and to Wing and Tail
Loads in the Accident to Eastern Airlines C54B Airplane, NC-88814, Near Bainbridge, Maryland, May
30, 1947
Author: Rhode, Richard V.; Stokke, Allen R.; Rogin, Leo
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.; National
Advisory Committee for Aeronautics. Langley Aeronautical Lab.; National Advisory Committee for
Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L7I12
Document ID (CASI): 20050019317
Publication Date: October 22, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Development of Outboard Nacelle for the XB-36 Airplane
Author: Nuber, Robert J.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L7G25
Document ID (CASI): 20050019239
Publication Date: October 31, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Investigation of the Operating Properties of the Leakage Current Anemometer
Author: Fucks, Wilhelm
Author Affil.: Zentrale fuer Wissenschaftliches Berichtswesen
Report Number: NACA-TM-1178
Document ID (CASI): 20050031133
Publication Date: October 1947
Authorized Users: NASA personnel only
Title (Incl. Subtitle): Supplementary Free-Spinning-Tunnel Tests of a 1/16-Scale Model of the McDonnell XB-85 Airplane Equipped with a Conventional-Tail Arrangement
Author: Klinar, Walter J.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-I7111
Document ID (CASI): 20050019298
Publication Date: October 13, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Coefficient of Friction, Oil Flow and Heat Balance of a Full-Journal Bearing
Author: Orloff, P. I.
Author Affil.: NASA
Accession Number: 96X71102
Report Number: AD-B204941; NACA-TM-1165; NASA-TM-111363; NAS 1.15:111363
Document ID (CASI): 19960022662
Publication Date: Oct. 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Calculations and Experimental Investigations on the Feed-Power Requirement of Airplanes with Boundary-Layer Control
Author: Krueger, W.
Author Affil.: Zentrale fuer Wissenschaftliches Berichtswesen
Report Number: NACA-TM-1167
Document ID (CASI): 20050019582
Publication Date: September 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Investigation of the Performance of the Thermal Ice-Prevention System Installed in a Douglas BTD-1 Airplane (TED No. NACA 2502)
Author: Jukoff, David; Look, Bonne C.
Report Number: NACA-RM-A7122
Document ID (CASI): 20090026349
Publication Date: September 25, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Preliminary Investigation of Over-all Performance of Experimental Turbojet Engine for Guided Missile
Author: Eustis, Robert H.; Berkey, William E.
Report Number: NACA-RM-E7122
Document ID (CASI): 20090025472
Publication Date: September 22, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Russian Laminar Flow Airfoils 3rd Part: Measurements on the Profile No. 2315 BIS with Ava-Nose Flap
Author: Riegels, F.
Author Affil.: Zentrale fuer Wissenschaftliches Berichtswesen
Report Number: NACA-TM-1127
Title (Incl. Subtitle): Longitudinal Stability and Control Characteristics of a Semispan Model of the XF7U-1 Tailless Airplane at Transonic Speeds by the NACA Wing-Flow Method, TED No. NACA DE307
Author: Sawyer, Richard H.; Trant, James P., Jr.
Report Number: NACA-RM-L7I08
Document ID (CASI): 20050019378
Publication Date: September 29, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Subject Headings for Index of NACA Publications
Document ID (CASI): 20090004624
Publication Date: September 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Concerning the Velocity of Evaporation of Small Droplets in a Gas Atmosphere
Author: Fuchs, N.
Report Number: NACA-TM-1160
Document ID (CASI): 20050019647
Publication Date: August 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Equations for Adiabatic but Rotational Steady Gas Flows without Friction
Author: Schaefer, Manfred
Author Affil.: Technische Hochschule
Report Number: NACA-TM-1187; Rept-44/1
Document ID (CASI): 20050031086
Publication Date: August 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Wind-Tunnel Tests of a 1/8-Scale Powered Model of the XTB3F-1 Airplane, TED No. NACA 2382
Author: McKee, John W.; Vogler, Raymond D.
Report Number: NACA-RM-L7G17
Document ID (CASI): 20050019236
Publication Date: August 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Lift and Drag of Wings with Small Span
Author: Weinig, F.
Author Affil.: Zentrale fuer Wissenschaftliches Berichtswesen
Report Number: NACA-TM-1151
Document ID (CASI): 20050019625
Publication Date: August 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Effects of Variations in Forebody and Afterbody Dead Rise on the Resistance and Spray Characteristics of the 22ADR Class VPB Airplane: Langley Tank Model 207, TED No. NACA 2361
Author: Clement, Eugene P.; Daniels, Charles J.
Title (Incl. Subtitle): An Investigation of the Aerodynamic Characteristics of an 0.08-Scale Model of the Chance Vought XF7U-1 Airplane in the Langley High-Speed 7- by 10-Foot Tunnel
Title: Number of Part: Part 4
Title: Name of Part: Aileron Characteristics, TED No. NACA DE308
Author: Goodson, Kenneth W.; Myers, Boyd C., II
Report Number: NACA-RM-L7H22-Pt-4
Document ID (CASI): 20050019411
Publication Date: August 22, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Investigation of the Loads on a Conventional Front and Rear Sliding Canopy
Author: Dexter, Howard E.; Rickey, Edward A.
Report Number: NACA-RM-L7D04
Document ID (CASI): 20050019399
Publication Date: July 09, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): On the Theory of the Unsteady Motion of an Airfoil
Author: Sedov, L. I.
Report Number: NACA-TM-1156
Document ID (CASI): 20050028477
Publication Date: July 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): A Time History of Control Operation of a C-54 Airplane in Blind Landing Approaches
Author: Talmage, Donald B.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L7F20
Document ID (CASI): 20050019332
Publication Date: July 18, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Report on Rocket Power Plants Based on T-Substance
Author: Walter, Hellmuth
Author Affil.: Deutsche Akademie der Luftfahrtforschung
Report Number: NACA-TM-1170
Document ID (CASI): 20050019545
Publication Date: July 1947
Authorized Users: NASA personnel only
Title (Incl. Subtitle): Laboratory Report on the Investigation of the Flow around Two Turbine-Blade Profiles using the Interferometer Method  
Author: von Vietinghoff-Scheel, K.  
Author Affil.: Luftfahrtforschungsanstalt Hermann Goering  
Report Number: NACA-TM-1171  
Document ID (CASI): 20050019546  
Publication Date: July 1947  
Authorized Users: NASA personnel only

Author: Gardner, John J.  
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.  
Report Number: NACA-RM-L7D10  
Document ID (CASI): 20050019331  
Publication Date: July 16, 1947  
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Test Report on Measurements on a Series of Tapered Wings of Small Aspect Ratio (Trapezoidal Wing with Fuselage)  
Author: Lange; Wacke  
Author Affil.: Zentrale fuer Wissenschaftliches Berichtswesen; Zentrale fuer Wissenschaftliches Berichtswesen  
Report Number: NACA-TM-1129  
Document ID (CASI): 20050019621  
Publication Date: July 1947  
Authorized Users: NASA personnel only

Title (Incl. Subtitle): An Investigation of the Aerodynamic Characteristics of an 0.08-Scale Model of the Chance Vought XF7U-1 Airplane in the Langley High-Speed 7- by 10-Foot Tunnel  
Title: Number of Part: Part 1  
Title: Name of Part: Basic Longitudinal Stability Characteristics, TED No. NASA DE308  
Author: Kemp, William B., Jr.; Kuhn, Richard E.; Goodson, Kenneth W.  
Report Number: NACA-RM-L7G08-Pt-1  
Document ID (CASI): 20050019437  
Publication Date: July 18, 1947  
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Pressurized-Distribution Measurements on Unyawed Swept-Back Wings  
Author: Jacobs, W.  
Author Affil.: Zentrale fuer Wissenschaftliches Berichtswesen  
Report Number: NACA-TM-1164  
Document ID (CASI): 20050028376  
Publication Date: July 1947  
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Tuft Studies of the Flow over a Wing at Four Angles of Sweep  
Author: Hieser, Gerald  
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Title (Incl. Subtitle): Six-component measurements on a straight and a 35 degree swept-back trapezoidal wing with and without split flaps
Author: Theil, G.; Weissinger, F.
Report Number: NACA-TM-1107
Document ID (CASI): 20050240951
Publication Date: June 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Some Aerodynamics Relations for an Airfoil in Oblique Flow
Author: Ringleb, F.
Author Affil.: Zentrale fuer Wissenschaftliches Berichtswesen
Report Number: NACA-TM-1158
Document ID (CASI): 20050019675
Publication Date: June 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Calibration and Measurement in Turbulence Research by the Hot-Wire Method
Author: Kovasznay, Kaszlo
Report Number: NACA-TM-1130
Document ID (CASI): 20050019435
Publication Date: June 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Wind-Tunnel Tests of a 0.182-Scale Model of an F4U-1 Airplane with External Stores
Author: Silvers, H. Norman; Spreemann, Kenneth P.
Report Number: NACA-RM-SL7E20
Document ID (CASI): 20090022392
Publication Date: June 05, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Effect of Slot-Entry Skirt Extensions on Aerodynamic Characteristics of a Wing Section of the XB-36 Airplane Equipped with a Double Slotted Flap
Author: Cahill, Jones F.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L7A29
Document ID (CASI): 20050019448
Publication Date: June 30, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Free-Spinning Tunnel Tests of a 1/24-Scale Model of the Grumman XTB3F-1 Airplane, TED No. NACA DE304
Author: Berman, Theodore
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L7E19
Document ID (CASI): 20050019395
Publication Date: May 09, 1947
Authorized Users: NASA personnel only
Title (Incl. Subtitle): Fundamental of the Control of Gas-Turbine Power Plants for Aircraft
Title: Number of Part:  Part 3
Title: Name of Part:  Control of Jet Engines
Author:  Kuehl, H.
Author Affil.:  Zentrale fuer Wissenschaftliches Berichtswesen
Report Number:  NACA-TM-1166-Pt-3
Document ID (CASI):  20050028380
Publication Date:  May 1947
Authorized Users:  NASA personnel only

Title (Incl. Subtitle): Spin and Recovery Characteristics of the Curtiss-Wright XP-87 Airplane
Author:  Berman, Theodore
Author Affil.:  National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number:  NACA-RM-L7F02
Document ID (CASI):  20050019623
Publication Date:  May 26, 1947
Authorized Users:  NASA personnel only

Title (Incl. Subtitle): The Effectiveness at High Speeds of a 20-Percent-chord Plain Trailing-edge Flap on the NACA 65-210 Airfoil Section
Author:  Stivers, Louis S., Jr.
Author Affil.:  National Advisory Committee for Aeronautics. Ames Aeronautical Lab.
Report Number:  NACA-RM-SA7A17
Document ID (CASI):  20090025473
Publication Date:  May 06, 1947
Authorized Users:  NASA personnel only

Title (Incl. Subtitle): Air-Stream Surveys in the Vicinity of the Tail of a 1/8.33-Scale Powered Model of the Republic XF-12 Airplane
Author:  Foster, Gerald V.
Author Affil.:  National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number:  NACA-RM-L7D09
Document ID (CASI):  20050019335
Publication Date:  April 08, 1947
Authorized Users:  NASA personnel only

Title (Incl. Subtitle): Correlation of the Trim Limits of Stability Obtained for a PB2Y-3 Flying Boat and a 1/8-Size Powered Dynamic Model
Author:  Garrison, Charlie C.; Hacskaylo, Andrew
Report Number:  NACA-RM-L7C04
Document ID (CASI):  20050031172
Publication Date:  April 22, 1947
Authorized Users:  NASA personnel only

Title (Incl. Subtitle): Vibration Survey of Blades in 19XB Axial-Flow Compressor
Title: Number of Part:  2
Title: Name of Part:  Dynamic Investigation
Author:  Meyer, Andre J., Jr.; Calvert, Howard F.
Report Number:  NACA-RM-E7D09
Title (Incl. Subtitle): Evaluation of Gust and Draft Velocities from Flights of P-61C Airplanes within Thunderstorms July 24, 1946 to August 6, 1946 at Orlando, Florida
Author: Tolefson, Harold B.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L7C10
Document ID (CASI): 20050028500
Publication Date: March 06, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Evaluation of Gust and Draft Velocities from Flights of P-61C Airplanes within Thunderstorms September 17, 1946 to September 18, 1946 at Orlando, Florida
Author: Tolefson, H. B.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L7C28
Document ID (CASI): 20090035616
Publication Date: March 28, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): High-Speed Measurements on a Swept-Back Wing (Sweepback Angle \( \phi = 35 \) Deg)
Author: Goethert, B.
Report Number: NACA-TM-1102
Document ID (CASI): 20050019388
Publication Date: March 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Evaluation of Gust and Draft Velocities from Flights of P-61C Airplanes within Thunderstorms July 22, 1946 to July 23, 1946 at Orlando, Florida
Author: Tolefson, H. B.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L7C19
Document ID (CASI): 20050019622
Publication Date: March 10, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Preliminary Evaluation of the Low-Speed Stability and Control Characteristics of the McDonnell XP-85 Airplane from Tests of an Unballasted 1/5-Scale Model in the Langley Free-Flight Tunnel
Author: Paulson, John W.; Johnson, Joseph L.
Report Number: NACA-RM-L7C27
Document ID (CASI): 20050029418
Publication Date: March 19, 1947
Authorized Users: NASA personnel only
Author: Liddell, Charles J., Jr.; Reynolds, Robert M.; Christofferson, Frank E.
Report Number: NACA-RM-A7C05
Document ID (CASI): 20050081862
Publication Date: March 20, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Evaluation of Gust and Draft Velocities from Flights of P-61C Airplanes within Thunderstorms August 17, 1946 to August 19, 1946 at Orlando, Florida
Author: Tolefson, H. B.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L7D01
Document ID (CASI): 20050019405
Publication Date: March 24, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Simulated Altitude Performance of Combustors for the 9.5 Jet Engine
Title: Number of Part: 2
Title: Name of Part: 9.5B Combustor
Author: Bogart, Donald
Author Affil.: National Advisory Committee for Aeronautics. Lewis Flight Propulsion Lab.
Report Number: NACA-RM-SE7B21
Document ID (CASI): 20090025896
Publication Date: February 21, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Scale effect and optimum relations for sea surface planning
Author: Sedov, L.
Report Number: NACA-TM-1097
Document ID (CASI): 20050240165
Publication Date: February 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Cyclic Engine Test of Cast Vitallium Turbine Buckets - I
Author: Farmer, Elmo; Darmara, F.N.
Report Number: NACA-RM-SE7B07
Document ID (CASI): 20090026351
Publication Date: February 07, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Minimum Specific Fuel Consumption of a Liquid-Cooled Multicylinder Aircraft Engine as Affected by Compression Ratio and Engine Operating Conditions
Title (Incl. Subtitle): Two-Dimensional Wind-Tunnel Investigation of Modified NACA 65(sub 112)-111 Airfoil with 35-Percent-Chord Slotted Flap to Determine Pitching-Moment Characteristics and Effects of Roughness
Author: Racisz, Stanley F.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L7B18
Document ID (CASI): 20050029414
Publication Date: February 10, 1947

Title (Incl. Subtitle): Development of Inboard Nacelle for the XB-36 Airplane
Author: Nuber, Robert J.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L6J11
Document ID (CASI): 20050019376
Publication Date: February 11, 1947

Title (Incl. Subtitle): Knock-limited power outputs from a CFR engine using internal coolants III: four alkyl amines, three alkanolamines six amides, and eight heterocyclic compounds
Author: Imming, Harry S; Bellman, Donald R
Accession Number: 93R15042
Report Number: NACA-RM-E6L05a
Document ID (CASI): 19930085752

Author: Cleary, Joseph W.; Gray, Lyle J.
Report Number: NACA-RM-A7A29
Document ID (CASI): 20050019287
Publication Date: February 14, 1947

Title (Incl. Subtitle): Tank Tests of a 1/7-Size Dynamic Model of the Grumman XJR2F-1 Amphibian to Determine the Effect of Slotted- and Split-Type Flaps on Take-Off Stability - NACA Model 212, TED No. NACA 2378
Author: Land, Norman S.; Zeck, Howard
Report Number: NACA-RM-L7A07
Document ID (CASI): 20050019367
Publication Date: February 06, 1947

Title (Incl. Subtitle): Aerodynamic Characteristics at High Speeds of Full-Scale Propellers having Different Shank Designs
Author: Maynard, Julian D.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Title (Incl. Subtitle): Performance of the 19XB 10-Stage Axial-Flow Compressor with Altered Blade Angles
Author: Downing, Richard M.; Finger, Harold B.; Roepcke, Fay A.
Report Number: NACA-RM-E7A21
Document ID (CASI): 20090026294
Publication Date: January 21, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Wind-Tunnel Tests of a 1/4-Scale Model of the Naval Aircraft Factory Float-Wing Convoy Interceptor, TED No. NACA 2314
Author: Wells, Evalyn G.; McKinney, Elizabeth G.
Report Number: NACA-RM-L6J15
Document ID (CASI): 20050019309
Publication Date: January 16, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Theoretical Analysis and Bench Tests of a Control-Surface Booster Employing a Variable Displacement Hydraulic Pump
Author: Mathews, Charles W.; Kleckner, Harold F.
Report Number: NACA-RM-L6H30
Document ID (CASI): 20050019358
Publication Date: January 28, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Simulated Altitude Performance of Combustors for the 24C Jet Engine
Title: Number of Part: 2
Title: Name of Part: 24C-4 Combustor
Author: Bernardo, Everett; Schroeter, Thomas T.; Miller, Robert C.
Report Number: NACA-RM-SE7J06
Document ID (CASI): 20090022320
Publication Date: [1947]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Pressured-Distribution Measurement on a Straight and on a 35 Degree Swept-Back Tapered Wing
Author: Scher, Stanley H.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-SL7K21
Document ID (CASI): 20050028509
Publication Date: [1947]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Performance of Compressor of XJ-41-V Turbojet Engine
Title: Number of Part: 3
Title: Name of Part: Compressor Static-Pressure Rise at Equivalent Compressor Speeds of 5000, 7000, 8000, and 9000 rpm
Author: Creagh, John W. R.; Ginsburg, Ambrose
Report Number: NACA-RM-E7G03a
Document ID (CASI): 20090012683
Publication Date: [1947]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Longitudinal Characteristics of a Semispan Model of the Grumman Airplane Design 83 having a Sweptback Wing and of the Model with a Straight Wing as Determined from Wing-Flow Tests at Transonic Speeds, TED No. NACA DE337
Author: Silsby, Norman S.; Kennedy, Robert M.
Report Number: NACA-RM-SL9A19
Document ID (CASI): 20050029399
Publication Date: [1947]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Effects of Compressibility on the Flow Past Thick Airfoil Sections
Author: Daley, Bernard N.; Humphreys, Milton D.
Report Number: NACA-RM-L6J17a
Document ID (CASI): 20050071700
Publication Date: January 30, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): An Analysis of Control Requirements and Control Parameters for Direct-Coupled Turbojet Engines
Author: Novik, David; Otto, Edward W.
Author: Zettle, Eugene V.; Cook, William P.
Report Number: NACA-RM-E6L05
Document ID (CASI): 20090022150
Publication Date: January 13, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): The High-Speed Longitudinal Stability and Control of the Bell P-39N-1 Airplane as Calculated from Propeller-Off Tests of a 0.35-Scale Model
Author: Robinson, Robert C.; Perone, Angelo
Report Number: NACA-RM-A6L27
Document ID (CASI): 20050019431
Publication Date: January 29, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Two-Dimensional Wind-Tunnel Investigation of Modified NACA 65(112)-111 Airfoil with 35-Percent-Chord Slotted Flap to Determine Optimum Flap Configuration at Reynolds Number of 2.4 Million
Author: Racisz, Stanley F.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L7A02
Document ID (CASI): 20050019580
Publication Date: [1947]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): An Analysis of the Full-Floating Journal Bearing
Author: Shaw, M.C.; Nussdorfer, T.J.
Report Number: NACA-RM-E7A28a
Document ID (CASI): 20090012110
Publication Date: January 28, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Effects of Induction-System Icing on Aircraft-Engine Operating Characteristics
Author: Stevens, Howard C., Jr.
Report Number: NACA-RM-E6L24
Document ID (CASI): 20050080796
Publication Date: 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): On the Problems of Chaplygin for Mixed Sub-and Supersonic Flows
Author: Frankl, F.
Author Affil.: Academy of Sciences (Russia)
Title (Incl. Subtitle): Effect of Exhaust Pressure on the Cooling Characteristics of a Liquid-Cooled Engine
Author: Doyle, Ronald B.; Desmon, Leland G.
Report Number: NACA-RM-E7A20
Document ID (CASI): 20090025263
Publication Date: January 20, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Altitude-Wind-Tunnel Investigation of the 19B-2, 19B-8, and 19XB-1 Jet-Propulsion Engines. II - Analysis of Turbine Performance of the 19B-8 Engine
Author: Krebs, Richard P.; Suozzi, Frank L.
Report Number: NACA-RM-E7A08
Document ID (CASI): 20090025286
Publication Date: January 08, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Buffeting of External Fuel Tanks at High Speeds on a Gruman F7F-3 Airplane
Author: Turner, Howard L.
Author Affil.: National Advisory Committee for Aeronautics. Ames Aeronautical Lab.
Report Number: NACA-RM-SA7A07
Document ID (CASI): 20090026362
Publication Date: January 29, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Static Tests of a Shrouded and an Unshrouded Propeller for Navy-Westinghouse Gas-Turbine Drive. TED No. NACA 042
Author: Platt, Robert J., Jr.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L7B24
Document ID (CASI): 20090032233
Publication Date: [1947]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): High-Speed Wind-Tunnel Tests of a 1/16-Scale Model of the D-558 Research Airplane Air-Stream Fluctuations at the Tail of the D-558-1 Airplane
Author: Pendley, Robert E.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L7A15
Document ID (CASI): 20050019291
Publication Date: January 1947
Authorized Users: NASA personnel only
Title (Incl. Subtitle): Flight-Test Evaluation of the Longitudinal Stability and Control Characteristics of 0.5-Scale Models of the Fairchild Lark Pilotless-Aircraft Configuration. Static Longitudinal Stability of Models with Wing Flap Deflections of 0 Deg and 15 Deg, TED No. NACA 2387
Author: Stone, David G.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L6L17a
Document ID (CASI): 20050019316
Publication Date: January 10, 1947
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Laboratory Investigation of Two Autopilots for a 4/10-Scale Drop Model of the Grumman F8F-1 Airplane, TED No. NACA 2466
Author: Teitelbaum, Jerome M.; Seaberg, Ernest C.
Report Number: NACA-RM-SL8I09
Document ID (CASI): 20050029396
Publication Date: [1947]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Wind-Tunnel Investigation of the Stability of the Jettisonable Nose Section of the X-3 Airplane
Author: Scher, Stanley H.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L8K18a
Document ID (CASI): 20050019273
Publication Date: December 08, 1946
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Evaluation of Gust and Draft Velocities from Flights of P-61c Airplanes within Thunderstorms August 7, 1946 to August 13, 1946 at Orlando, Florida
Author: Tolefson, Harold B.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L6K16
Document ID (CASI): 20050019670
Publication Date: December 09, 1946
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Investigation of Operating Characteristics of an Engine Equipped with Modifications to Eliminate Fuel-Evaporation Icing
Author: Mulholland, Donald R.; Zlotowski, Edward D.
Report Number: NACA-RM-E6L04a
Document ID (CASI): 20040028021
Publication Date: December 24, 1946
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Investigation of the Pressure-Loss Characteristics of the Westinghouse X24-C-2 Inlet Screen, TED No. NACA 0447
Author: Lankford, John L.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L6J29
Title (Incl. Subtitle): Flight Measurements of the Directional Stability and Control of a P-51D Airplane with a Horn-Balanced Rudder as Compared with Previously Tested Vertical-Tail Configurations
Author: Mungall, Robert G.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L6J25
Document ID (CASI): 20050019329
Publication Date: December 3, 1946
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Knock-Limited Performance of Triptane and Xyldines Blended with 28-R Aviation Fuel at High Compression Ratios and Maximum-Economy Spark Setting
Author: Held, Louis F.; Pritchard, Ernest I.
Report Number: NACA-RM-E6J07
Document ID (CASI): 20050071704
Publication Date: December 12, 1946
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Ditching Tests of a 1/9-Size Model of the Army P-38 Airplane in Langley Tank No. 2 and at the Outdoor Catapult
Author: Jarvis, George A.; Cederborg, Gibson A.
Report Number: NACA-RM-L6J17
Document ID (CASI): 20050019474
Publication Date: December 03, 1946
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Investigation of the I-40 Jet-Propulsion Engine in the Cleveland Altitude Wind Tunnel. IV - Analysis of Combustion-Chamber Performance
Author: Hensley, Reece V.
Report Number: NACA-RM-E6L18
Document ID (CASI): 20090025289
Publication Date: December 18, 1946
Authorized Users: NASA personnel only

Author: Land, Norman S.; Zeck, Howrad
Report Number: NACA-RM-L6J10
Document ID (CASI): 20050019370
Publication Date: December 04, 1946
Authorized Users: NASA personnel only
Title (Incl. Subtitle): Preliminary Tests of a Buffet Stall-Warning Device on a 1/5-Scale Model of the Republic XP-84 Airplane
Author: Tucker, Warren A.; Comisarow, Paul
Report Number: NACA-RM-L6J02
Document ID (CASI): 20050019372
Publication Date: October 30, 1946
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Waters Loads on the XJL-1 Hull as Obtained in Langley Impact Basin, TED No. NACA 2413.3
Author: Steiner, Margaret F.; Miller, Robert W.
Report Number: NACA-RM-L6I03
Document ID (CASI): 20050019374
Publication Date: October 11, 1946
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Investigation of Turbulent Mixing Processes
Author: Viktorin, K.
Report Number: NACA-TM-1096
Document ID (CASI): 20050019454
Publication Date: September 1946
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Wind-Tunnel Investigation of the Horizontal Motion of a Wing Near the Ground
Author: Serebrisky, Y. M.; Biachuev, S. A.
Author Affil.: Tsentralni Aerogidrodinamicheskii Inst.; Tsentralni Aerogidrodinamicheskii Inst.
Report Number: NACA-TM-1095
Document ID (CASI): 20050019459
Publication Date: September 1946
Authorized Users: NASA personnel only

Title (Incl. Subtitle): The Influence of the Jet of a Propulsion Unit on Nearby Wings
Author: Falk, H.
Author Affil.: Deutsche Akademie der Luftfahrtforschung
Report Number: NACA-TM-1104
Document ID (CASI): 20050009881
Publication Date: September 1946
Authorized Users: NASA personnel only

Title (Incl. Subtitle): The Further Development of Heat-Resistant Materials for Aircraft Engines
Author: Bollenrath, Franz
Report Number: NACA-TM-1093
Document ID (CASI): 20050019453
Title (Incl. Subtitle): Altitude-wind-tunnel Investigation of Oil-System Performance of XR-4360-8 Engine in XTB2D-1 Airplane
Author: Conrad, E. William
Report Number: NACA-RM-E6I04
Document ID (CASI): 20090026443
Publication Date: September 04, 1946
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Airscrew Gyroscopic Moments
Author: Bock, G.
Report Number: NACA-TM-1099
Document ID (CASI): 20050019386
Publication Date: September 1946
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Wind-Tunnel Tests to Determine Aileron Characteristics of the McDonnell XFD-1 Airplane, TED No. NACA 23102
Author: Yates, Campbell C.; Schneiter, Leslie E.
Report Number: NACA-RM-L6H21a
Document ID (CASI): 20050019307
Publication Date: September 26., 1946
Authorized Users: NASA personnel only

Author: Blackman, Calvin C.
Report Number: NACA-RM-E6I03
Document ID (CASI): 20090026343
Publication Date: September 03, 1946
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Investigations of Pressure Distribution on Fast Flying Bodies
Author: Stamm, G.
Author Affil.: NASA
Report Number: NACA-TM-1101
Document ID (CASI): 20050241743
Publication Date: September 1946
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Free-Spinning-Tunnel Tests of a 1/18-Scale Model of the Fairchild XNQ-1 Airplane, TED No. NACA 2398
Author: Daughtridge, Lee T., Jr.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L6H28
Document ID (CASI): 20050031171
Publication Date: September 30, 1946
Title (Incl. Subtitle): Longitudinal Stability and Stalling Characteristics of a 1/8.33-Scale Model of the Republic XF-12 Airplane
Author: Pepper, Edward; Foster, Gerald V.
Report Number: NACA-RM-L6L12
Document ID (CASI): 20050019304
Publication Date: [1946]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Evaluation of Gust and Draft Velocities from Flights of P-61C Airplanes within Thunderstorms August 21, 1946 to August 22, 1946 at Orlando, Florida
Author: Tolefson, H. B.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L6L02a
Document ID (CASI): 20050019310
Publication Date: [1946]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Tests of a 1/7-Scale Semispan Model of the XB-35 Airplane in the Langley 19-Foot Pressure Tunnel
Author: Teplitz, Jerome; Kayten, Gerald G.; Cancro, Patrick A.
Report Number: NACA-MR-L5L27
Document ID (CASI): 20040085365
Publication Date: January 16, 1946
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Flight-Test Evaluation of the Longitudinal Stability and Control Characteristics of 0.5-Scale Models of the Fairchild Lark Pilotless-Aircraft Configuration. Model with Wing Flaps Deflected 15 Degrees, TED No. NACA 2387
Author: Stone, David G.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L6J28a
Document ID (CASI): 20050019365
Publication Date: [1946]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Evaluation of Gust and Draft Velocities from Flights of P-61C Airplanes within Thunderstorms: August 23, 1946 to September 4, 1946 at Orlando, Florida
Author: Tolefson, H. B.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-RM-L7A14
Document ID (CASI): 20050019407
Publication Date: [1946]
Authorized Users: NASA personnel only
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Accession Number: 78X73133
Report Number: NASA-TM-78402
Document ID (CASI): 19780083460
Publication Date: Mar 20, 1945
Authorized Users: U.S. Government agencies only

Title (Incl. Subtitle): British research on heat-resisting alloys. Section 1: Minutes of meetings of the High Temperature Materials Research Committee
Accession Number: 74X71195
Document ID (CASI): 19740081609
Publication Date: Mar 20, 1945
Authorized Users: NASA personnel only

Title (Incl. Subtitle): New Method of Determining the Polar Curve of an Airplane in Flight
Author: Yegorov, B. N.
Report Number: NACA-TM-1076
Document ID (CASI): 200500028476
Publication Date: March 1945
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Flight Measurements of Lateral and Directional Stability and Control Characteristics of the Grumman F8F-1 Airplane
Author: Crane, H. L.; Reeder, J. P.
Report Number: NACA-RM-SL7L31
Document ID (CASI): 20050028615
Publication Date: [1945]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): A Method of Analysis of V-G Records from Transport Operations
Author: Peiser, A. M.; Wilkerson, M.
Report Number: NACA-TR-807
Document ID (CASI): 20050241796
Publication Date: 1945
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Flight tests of the high-speed performance of a P-51B airplane (AAF no. 43-12105)
Author: Voglewede, T. J.; Danforth, E. C. D.
Accession Number: 78N78562
Document ID (CASI): 19780078569
Publication Date: Dec 18, 1944
Authorized Users: NASA personnel only

Title (Incl. Subtitle): The Wall Interference of a Wind Tunnel of Elliptic Cross Section
Author: Tani, Itiro; Sanuki, Matao
Title (Incl. Subtitle): Heat Transfer in a Turbulent Liquid or Gas Stream
Author: Latzko, H.
Author Affil.: Wien Univ.
Report Number: NACA-TM-1068
Document ID (CASI): 2005003111
Publication Date: October 1944
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Methods of Stress Calculation in Rotating Disks
Author: Tumarkin, S.
Author Affil.: Tsentralni Aerogidrodinamicheskii Inst.
Report Number: NACA-TM-1064
Document ID (CASI): 20050031076
Publication Date: September 1944
Authorized Users: NASA personnel only

Title (Incl. Subtitle): DVL Angular Velocity Recorder
Author: Liebe, Wolfgang
Report Number: NACA-TM-1065
Document ID (CASI): 20050031077
Publication Date: August 1944
Authorized Users: NASA personnel only

Title (Incl. Subtitle): The Surface Structure of Ground Metal Crystals
Author: Boas, W.; Schmid, E.
Report Number: NACA-TM-1072
Document ID (CASI): 20050031116
Publication Date: August 1944
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Determination of the Actual Contact Surface of a Brush Contact
Author: Holm, Ragnar
Author Affil.: Siemens-Werke
Report Number: NACA-TM-1071
Document ID (CASI): 20050031113
Publication Date: August 1944
Authorized Users: NASA personnel only

Title (Incl. Subtitle): The Frictional Force with Respect to the Actual Contact Surface
Author: Holm, Ragnar
Report Number: NACA-TM-1074
Document ID (CASI): 20050019642
Publication Date: August 1944
Authorized Users: NASA personnel only

Title (Incl. Subtitle): The Effect of Piston-Head Temperature on Knock-Limited Power
Author: Imming, Harry S.
Author Affil.: NASA Lewis Research Center
Title: COMPRESSIBILITY AND HEATING EFFECTS ON PRESSURE LOSS AND COOLING OF A BAFFLED CYLINDER BARREL
Author: Goldstein, Arthur W.; Ellerbrock, Herman H., Jr.
Report Number: NACA-TR-783
Document ID (CASI): 20050241733
Publication Date: 1944
Authorized Users: NASA personnel only

Title: Piston Ring Pressure Distribution
Author: Kuhn, M.
Report Number: NACA-TM-1056
Document ID (CASI): 20050000032
Publication Date: December 1943
Authorized Users: NASA personnel only

Title: Heat Transfer and Hydraulic Flow Resistance for Streaks of High Velocity
Author: Lelchuk, V. L.
Report Number: NACA-TM-1054
Document ID (CASI): 20050030011
Publication Date: December 1943
Authorized Users: NASA personnel only

Title: Determination of the Mass Moments and Radii of Inertia of the Sections of a Tapered Wing and the Center-of-Gravity Line along the Wing Span
Author: Savelyev, V. V.
Author Affil.: Tsentralni Aerogidrodinamicheskii Inst.
Report Number: NACA-TM-1052
Document ID (CASI): 20050019485
Publication Date: December 1943
Authorized Users: NASA personnel only

Title: The Coupling of Flexural Propeller Vibrations with the Torsional Crankshaft Vibrations
Author: Meyer, J.
Report Number: NACA-TM-1051
Document ID (CASI): 20050019482
Publication Date: December 1943
Authorized Users: NASA personnel only

Title: Periodic Heat Transfer at Small Pressure Fluctuations
Author: Pfriem, H.
Report Number: NACA-TM-1048
Document ID (CASI): 20050030010
Publication Date: September 1943
Authorized Users: NASA personnel only

Title: Heat Transfer Through Turbulent Friction Layers
Title (Incl. Subtitle): Determination of Flight Paths of an SBD-1 Airplane in Simulated Diving Attacks, Special Report
Author: Johnson, Harold I.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-ACR-248; NACA-SR-248
Document ID (CASI): 20090016689
Publication Date: March 1943
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Tail Buffeting
Author: Abd Rashitov, G.
Report Number: NACA-TM-1041
Document ID (CASI): 20050029406
Publication Date: February 1943
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Preliminary Investigation of the Effect of Compressibility on the Maximum Lift Coefficient, Special Report
Author: Stack, John; Fedziuk, Henry A.; Cleary, Harold E.
Report Number: NACA-ACR-246; NACA-SR-246
Document ID (CASI): 20090016700
Publication Date: February 1943
Authorized Users: NASA personnel only

Title (Incl. Subtitle): NACA Radio Ground-Speed System for Aircraft, Special Report
Author: Hastings, Charles E.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Report Number: NACA-ACR-256; NACA-SR-256
Document ID (CASI): 20090016313
Publication Date: February 1943
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Piezoelectric Instruments of High Natural Frequency Vibration Characteristics and Protection Against Interference by Mass Forces
Author: Gohlka, Werner
Report Number: NACA-TM-1040
Document ID (CASI): 20050029403
Publication Date: February 1943
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Pressure Distribution in Nonuniform Two-Dimensional Flow
Author: Schwabe, M.
Report Number: NACA-TM-1039
Document ID (CASI): 20050029402
Publication Date: January 1943
Authorized Users: NASA personnel only

Title (Incl. Subtitle): The Effect of Compressibility on the Growth of the Laminar Boundary Layer on Low-Drag Wings and Bodies
Author: Allen, H. Julian; Nitzberg, Gerald E.
Title (Incl. Subtitle): Effect of Rivet Holes on the Ultimate Strength Developed by 24S-T and Alclad 75S-T Sheet in Incomplete Diagonal Tension
Author: Levin, L. Ross; Nelson, David H.
Report Number: NACA-RM-L6112
Document ID (CASI): 20050019578
Publication Date: [1943]
Authorized Users: NASA personnel only

Title (Incl. Subtitle): The Performance of a Vaneless Diffuser Fan
Author: Polikovsky, V.; Nevelson, M.
Report Number: NACA-TM-1038
Document ID (CASI): 20050019450
Publication Date: December 1942
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Theory of Heat Transfer in Smooth and Rough Pipes
Author: Mattioli, G. D.
Report Number: NACA-TM-1037
Document ID (CASI): 20050030057
Publication Date: December 1942
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Tests if a Highly Cambered Low-Drag-Airfoil Section with a Lift-Control Flap, Special Report
Author: Abbott, Ira H.; Miller, Ralph B.
Report Number: NACA-ACR-242; NACA-SR-242
Document ID (CASI): 20090016316
Publication Date: December 1942
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Heat Transfer in the Turbulent Boundary Layer of a Compressible Gas at High Speeds
Author: Frankl, F.
Author Affil.: Tsentralni Aerogidrodinamicheskii Inst.
Report Number: NACA-TM-1032; Rept-240
Document ID (CASI): 20050009880
Publication Date: October 1942
Authorized Users: NASA personnel only

Title (Incl. Subtitle): Flight Measurements of the Alleron Characteristics of a Grumman F4F-3 Airplane
Author: Wetmore, J. W.
Author Affil.: National Advisory Committee for Aeronautics. Langley Aeronautical Lab.
Tests of an NACA 66,2-420 Airfoil of 5-Foot Chord at High Speed, Special Report
Author: Hood, Manley J.; Anderson, Joseph L.
Report Number: NACA-ACR-234; NACA-SR-234
Document ID (CASI): 20090016695
Publication Date: September 1942
Authorized Users: NASA personnel only

Tests of wing incendiary bomb installations in the NACA full scale wind tunnel
Author: Guryansky, E. R.
Author Affil.: NASA Langley Research Center
Accession Number: 73X77924
Report Number: NASA-CR-69489
Document ID (CASI): 19730074345
Publication Date: Aug 4, 1942
Authorized Users: NASA personnel only

Preliminary Wind-Tunnel Tests of the Effect of Nacelles on the Characteristics of a Twin-Engine Bomber Model with Low-Drag Wing, Special Report
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