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Description of document: Defense Technical Information Center (DTIC) computer-generated bibliographies prepared by matching the subject terms: XP-85; XF-85; Goblin; Parasite Plane; Parasite Fighter; MX-472 against the Technical Report database, 2005

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ATTN: FOIA Requester Service Center
8725 John J. Kingman Road
Fort Belvoir, VA 22060-6218
Fax: 703-767-9201
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DEFENSE TECHNICAL INFORMATION CENTER

8725 JOHN J. KINGMAN RD, STE 0944
FT. BELVOIR, VA 22060-6218

IN REPLY
REFER TO:

DTIC-R (FOIA 2005-32)

APR 12 2005

This is in response to your letter of March 3, 2005, requesting information under the Freedom of Information Act (FOIA). Under Department of Defense rules implementing the FOIA, published at 32 CFR 286, your request was categorized as "other."

Enclosed are computer-generated bibliographies prepared by matching the subject terms or keywords listed in your request against our database (i.e., *XP-85; XF-85; Goblin; Parasite Plane; Parasite Fighter; MX-472*). The bibliographies may contain some documents that do not apply to the specific subject area(s) in which you are interested; however, to eliminate any of the key search terms would also eliminate documents that do apply to your subject area(s) of interest.

The documents listed on enclosure 1 have been approved for public release and may be obtained from the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, VA 22161. NTIS sells such documents to the general public and, if you wish, you can order the documents by telephone at (703) 605-6000. Be sure to include the AD numbers when requesting the documents.

Enclosure 2 is a bibliography containing unclassified descriptions of classified and/or unclassified/limited distribution documents related to your request. These documents may only be released by the controlling activity. Requests for these documents should be forwarded to the controlling activity, usually identified in field 22 of the citation. This office upon request can research documents with no controlling activity identified.

APR 12 2005

The computer search of our database required 1 hour of professional time at \$44 per hour which leaves 1 hour of search time for which you would not be charged. It is estimated that an additional 1-4 hours of professional time would be required to conduct a manual search of our card file. If you wish the manual search to be conducted, request you forward your willingness to pay any associated fees that may be incurred for professional search time beyond the 1 hour of free search time remaining to which you are entitled. Once your willingness to pay is received, a manual search of the card file will be initiated.

To date, the search effort related to your request has not exceeded the two hours provided to "other" category requesters at no charge and reproduction was not required; therefore, there are no assessable fees for services from the Defense Technical Information Center at this time.

Please understand that other members of the public may submit a FOIA request for copies of FOIA requests received by this office or the names of those who have submitted requests. Should such occur, your name and, if asked for, a copy of your request will be released; however, your home address and home telephone number will not be released. Other private citizens who have obtained your name by using such a request may contact you. However, correspondence from the Defense Department about your request will be on official letterhead. Please call me at (703) 767-9194 if you have any questions.

Sincerely,

A handwritten signature in blue ink that reads "Kelly D. Akers". The signature is fluid and cursive, with the first letters of each word being capitalized and prominent.

KELLY D. AKERS
FOIA Program Manager

2 Encl

AD NUMBER *****

902183

*****SCN-- DNQ30I

FIELD 5: SOURCE NAME
FIELD 6: UNCLASS. TITLE

FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE
FIELD 12: PAGINATION
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS
FIELD 22: ALPHA LIMITATIONS
FIELD 27: ABSTRACT

AIR FORCE FLIGHT TEST CENTER EDWARDS AFB CA
FLIGHT PLANNING AND CONDUCT OF THE X-24A LIFTING BODY FLIGHT TEST
PROGRAM
FINAL REPT.
ARMSTRONG, JOHNNY G.
AUG 1972
109

AFFTC-TD-71-10

AFFTC

U

APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED
THE OBJECTIVE TO OBTAIN PILOTED-LOW-SPEED FLIGHT TEST DATA ON THE SV- 5 RE-ENTRY
CONFIGURATION WAS ACCOMPLISHED BY THE X-24A IN 28 FLIGHTS OVER A 27- MONTH TIME
PERIOD. SUFFICIENT DATA WERE OBTAINED TO ALLOW DETAILED REPORTING IN THE AREAS OF
HANDLING QUALITIES, PERFORMANCE, STABILITY DERIVATIVES, FLIGHT LOADS, FLIGHT CONTROL
SYSTEM, UNPOWERED LANDINGS, VEHICLE SYSTEM OPERATION, AND MASS CHARACTERISTICS.
EXTENSIVE USE WAS MADE OF A SIX-DEGREE OF FREEDOM SIMULATOR AND BETWEEN-FLIGHT
DETERMINATION OF STABILITY DERIVATIVES IN EXPANDING THE ENVELOPE INCREMENTALLY TO 1.6
MACH NUMBER. UNEXPECTED AND SIGNIFICANT REDUCTIONS IN DIRECTIONAL STABILITY WERE
EXPERIENCED WITH THE ROCKET ENGINE ON. HANDLING QUALITY PROBLEMS ENCOUNTERED DURING
THE FLIGHT TEST PROGRAM WERE IMPROVED BY MINOR ALTERATIONS OF THE CONTROL SYSTEM. THE
VARIABILITY DESIGNED INTO THE CONTROL SYSTEM CONTRIBUTED SIGNIFICANTLY TO THE RESEARCH
PROGRAM BY PROVIDING DIFFERENT AERODYNAMIC CONFIGURATIONS FOR DATA ANALYSIS AND IN
ALLOWING IMPROVEMENTS IN FLIGHT CHARACTERISTICS.
U

FIELD 28: ABSTRACT CLASS.

AD NUMBER *****

879678

*****SCN-- DNQ30I

FIELD 5: SOURCE NAME
FIELD 6: UNCLASS. TITLE

FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE
FIELD 12: PAGINATION
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS
FIELD 22: ALPHA LIMITATIONS
FIELD 27: ABSTRACT

AIR FORCE ARMAMENT LAB EGLIN AFB FL
A PARAMETRIC SEPARATION TRAJECTORY TEST OF THE HIGH ALTITUDE SUPERSONIC
TARGET (HAST) FROM THE F-4 AIRCRAFT.
FINAL REPT.,
KORN, STEPHEN C.
JUN 1970
89

AFATL-TR-70-56

U

CAPTIVE TRAJECTORY WIND TUNNEL TESTING WAS CONDUCTED TO DETERMINE SEPARATION
CHARACTERISTICS OF THE HIGH ALTITUDE SUPERSONIC TARGET (HAST) WHEN LAUNCHED
FROM THE CENTERLINE OF THE F-4 AIRCRAFT. SINCE THE HAST CONFIGURATION HAS NOT BEEN
FIRMLY ESTABLISHED, THE TEST WAS CONDUCTED TO PROVIDE DESIGN CRITERIA BY SYSTEMATICALLY
VARYING THE PARAMETERS OF MASS, CENTER OF GRAVITY (CG) LOCATION, MASS MOMENTS OF
INERTIA, AND LAUNCH ATTITUDE. LAUNCH MACH NUMBERS WERE VARIED FROM 0.7 TO 1.3 AND
LAUNCH ALTITUDES FROM 20,000 TO 40,000 FEET. THE EFFECTS OF THESE VARIABLES ON THE
SEPARATION TRAJECTORY ARE DISCUSSED. THE MOST DESIRABLE SEPARATIONS OCCURRED WHEN THE
HAST WAS LAUNCHED SUPERSONICALLY, AT NOMINAL OR FORWARD CG LOCATION AND NO PITCH WITH
RESPECT TO THE CARRIAGE POSITION. (AUTHOR)

U

FIELD 28: ABSTRACT CLASS.

AD NUMBER *****

856451

*****SCN-- DNQ30I

FIELD 5: SOURCE NAME AIR FORCE FLIGHT TEST CENTER EDWARDS AFB CA
FIELD 6: UNCLASS. TITLE FLIGHT PLANNING AND CONDUCT OF THE X-15A-2 ENVELOPE EXPANSION PROGRAM
FIELD 9: DESCRIPTIVE NOTE FINAL REPT. 25 JUN 1964-3 OCT 1967
FIELD 10: PERSONAL AUTHORS ARMSTRONG, JOHNNY G.
FIELD 11: REPORT DATE JUL 1969
FIELD 12: PAGINATION 98
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER AFFTC-TD-69-4
FIELD 19: MONITOR SERIES AFFTC
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS *
FIELD 27: ABSTRACT AFTER HAVING BEEN EXTENSIVELY DAMAGED DURING AN EMERGENCY LANDING ON ITS THIRTY-FIRST FLIGHT (NOVEMBER 9, 1962), THE X-15-2 AIRCRAFT WAS REBUILT AND MODIFICATIONS WERE INCORPORATED TO INCREASE THE VEHICLE PERFORMANCE CAPABILITY TO ALLOW FLIGHT TESTING OF A HYPERSONIC RAMJET ENGINE. THE INCREASED PERFORMANCE WAS DERIVED FROM ADDITIONAL PROPELLANTS CONTAINED IN TWO EXTERNAL DROP TANKS. THE MODIFIED PROPELLANT SYSTEM WITH THE EXTERNAL TANKS WAS SATISFACTORILY DEVELOPED ON A GROUND TEST STAND AND PERFORMED ADEQUATELY DURING FLIGHT. THE ABLATIVE MATERIAL DEVELOPED TO PROTECT THE AIRCRAFT AGAINST TEMPERATURES EXCEEDING THE ORIGINAL AIRCRAFT DESIGN APPEARED TO PERFORM SATISFACTORILY ON THE TWO FULLY COATED FLIGHTS FLOWN. ON THE LAST FLIGHT OF THIS AIRCRAFT, THE VEHICLE ACHIEVED A MAXIMUM MACH NUMBER OF 6.7.
FIELD 28: ABSTRACT CLASS. U

AD NUMBER ***** 675579 *****SCN-- DNQ30I

FIELD 5: SOURCE NAME MICHIGAN UNIV ANN ARBOR SPACE PHYSICS RESEARCH LAB
FIELD 6: UNCLASS. TITLE PITOT MEASUREMENTS ON AN X-15 ROCKET PLANE.
FIELD 9: DESCRIPTIVE NOTE FINAL REPT. 1 OCT 63-31 MAR 68,
FIELD 10: PERSONAL AUTHORS HORVATH, JACK J. ; RUPERT, GARY F. ;
FIELD 11: REPORT DATE AUG 1968
FIELD 12: PAGINATION 51
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER 06093-1-F
FIELD 19: MONITOR SERIES 68-0383
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS
FIELD 27: ABSTRACT A RESEARCH PROJECT WAS PLANNED AS A FEASIBILITY STUDY TO DETERMINE WHETHER THE X-15 ROCKET PLANE COULD BE ADAPTED TO CARRY AN INSTRUMENTED PACKAGE FOR PITOT MEASUREMENTS. TO ACHIEVE THE DESIRED MEASUREMENTS, A WING POD MODIFICATION PROVIDED THE NECESSARY INTERNAL VOLUME AND EXTERNAL AERODYNAMIC GEOMETRY TO PERMIT PITOT MEASUREMENTS OF ATMOSPHERIC DENSITY THROUGHOUT THE ALTITUDE RANGE UP TO 85 KILOMETERS. FIVE FLIGHTS, THE FIRST TWO BEING TEST FLIGHTS, WERE MADE. ONLY THE THIRD AND LAST FLIGHTS MAY BE CONSIDERED USEFUL IN DERIVING RESULTS INDICATIVE OF POSSIBLE FUTURE APPLICATION OF THE X-15 FOR PURPOSES OF OBTAINING RELIABLE DATA FOR THE PITOT MEASUREMENT. THE SIGNIFICANT ASPECTS OF THE RESEARCH PROJECT ARE THE INSTRUMENTATION ASSOCIATED WITH THE INSTALLATION OF RADIOACTIVE IONIZATION GAGES IN THE X-15, THE DESIGN OF THE NOSE TIP CONFIGURATION COMPATIBLE WITH THE X-15 WING POD DESIGN, AND THE REPLACEMENT OF ORIGINAL IONIZATION GAGES WITH MORE ADVANCED MODELS. THE BASIC OBJECTIVE OF OBTAINING ACCURATE ATMOSPHERIC DENSITY PROFILES TO EXPAND OUR UNDERSTANDING OF THE STRUCTURE OF THE UPPER ATMOSPHERE WAS NEVER FULLY ATTAINED. THE PRESENT REPORT PRESENTS THE LIMITATIONS PREVENTING A SUCCESSFUL CONCLUSION OF THE RESEARCH AS ORIGINALLY CONCEIVED. HOWEVER, THE RESEARCH EFFORT WAS VALUABLE IN POINTING OUT SOME OF THE RESTRICTIONS ASSOCIATED WITH A MANNED ROCKET VEHICLE. (AUTHOR)
FIELD 28: ABSTRACT CLASS. U

PAGE 3 DNQ30I
AD NUMBER *****

439093 *****SCN-- DNQ30I

FIELD 5: SOURCE NAME
FIELD 6: UNCLASS. TITLE
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE
FIELD 12: PAGINATION
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS
FIELD 22: ALPHA LIMITATIONS
FIELD 27: ABSTRACT

RAND CORP SANTA MONICA CALIF
PARASITING VERSUS AERIAL REFUELING FOR SUPPORT OF COMBAT AIRCRAFT,
MURROW, R. B. ;
MAR 1964
24P
RM3809PR
U

RECENT INTEREST IN LARGE LONG-ENDURANCE SUPPORT AIRCRAFT IN A VARIETY OF ROLES, INCLUDING THOSE OF TANKER OR MOTHER SUPPORT AIRCRAFT, MAKES IT DESIRABLE TO CONSIDER THE QUESTION OF PARASITING VERSUS AERIAL REFUELING ON A GENERAL BASIS. ALTHOUGH DETAIL IS NECESSARILY SACRIFICED, A SIMPLE, BROAD ANALYSIS IS USEFUL IN DELINEATING THE GENERAL CIRCUMSTANCES UNDER WHICH ONE OR THE OTHER SUPPORT METHOD MAY BE EXPECTED TO BE STRONGLY PREFERABLE, AS WELL AS THOSE FOR WHICH NEITHER METHOD OFFERS MATERIAL ADVANTAGE ON THE BASIS OF THE PREFERENCE CRITERIA USED. THIS MEMORANDUM PRESENTS A BRIEF ANALYSIS OF THIS TYPE FOR ONE CLASS OF COMBAT AIRCRAFT WHOSE INITIAL FUEL LOADS ARE ABOUT HALF THEIR GROSS WEIGHTS. IN GENERAL, AERIAL REFUELING IS TO BE PREFERRED FOR SHORT SUPPORT TIMES OR DISTANCES; PARASITING FOR LONG SUPPORT TIMES OR DISTANCES. (AUTHOR)
U

FIELD 28: ABSTRACT CLASS.

AD NUMBER *****

273567 *****SCN-- DNQ30I

FIELD 5: SOURCE NAME
FIELD 6: UNCLASS. TITLE
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE
FIELD 12: PAGINATION
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS
FIELD 22: ALPHA LIMITATIONS
FIELD 27: ABSTRACT

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION WASHINGTON D C
MISSION PLANNING AND OPERATIONAL PROCEDURES FOR THE X-15 AIRPLANE
HOEY, ROBERT G. ; DAY, RICHARD E. ;
MAR 1962
1V
U

MISSION-PLANNING METHODS AND TECHNIQUES USED FOR THE X-15 AIRPLANE ENVELOPE-EXPANSION FLIGHT-TEST PROGRAM ARE DISCUSSED. USE OF THE SIX-DEGREE-OF-FREEDOM GROUND-BASED SIMULATOR IS INDICATED FOR PREDICTION OF PERFORMANCE, STABILITY AND CONTROLLABILITY; DEVELOPMENT OF PILOTING TECHNIQUES AND PILOT TRAINING; EVALUATION OF, AND PRACTICE FOR, ALL POSSIBLE EMERGENCY CONDITIONS; AND ENERGY-MANAGEMENT DEVELOPMENT. OTHER PILOT-TRAINING DEVICES AND THE ROLE OF THE GROUND-MONITORING STATION ARE ALSO DESCRIBED. PREDICTED TRAJECTORY DATA AND ACTUAL FLIGHT RESULTS ARE COMPARED. THE INITIAL REASONS AND THE FINAL JUSTIFICATIONS FOR CONDUCTING THE X-15 ENVELOPE EXPANSION BY PERFORMANCE INCREMENT ARE PRESENTED. (AUTHOR)
U

FIELD 28: ABSTRACT CLASS.

AD NUMBER *****

264225 *****SCN-- DNQ30I

FIELD 5: SOURCE NAME
FIELD 6: UNCLASS. TITLE
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE

AIR FORCE FLIGHT TEST CENTER EDWARDS AFB CALIF
AN EVALUATION OF A VARIABLE STABILITY AIRPLANE SIMULATION OF THE X-15
BERRY, DONALD T. ;
SEP 1961

PAGE 4 DNQ30I
FIELD 12: PAGINATION
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS
FIELD 22: ALPHA LIMITATIONS
FIELD 27: ABSTRACT

1V
TR61 42
TR61 42
U

THE VARIABLE STABILITY AIRPLANE SIMULATION OF THE X-15 CONSISTED OF TWO TYPES OF SIMULATIONS: ONE WITH FIXED STABILITY DERIVATIVES, THE OTHER WITH THE STABILITY DERIVATIVES VARYING WITH TIME. THE FIXED DERIVATIVE SIMULATIONS REPRESENTED FLIGHT AT A CONSTANT MACH NUMBER AND ALTITUDE, AND IN THE VICINITY OF A PARTICULAR ANGLE OF ATTACK. THE TIME VARYING DERIVATIVES WERE USED IN A REPRESENTATION OF X-15 REENTRY. THE FIXED DERIVATIVE SIMULATIONS PROVED TO BE MORE USEFUL THAN THE REENTRY SIMULATIONS. THE REENTRY SIMULATIONS WERE SOMEWHAT IMPEDED BY THE REQUIREMENT TO PERFORM SPECIAL MANEUVERS IN THE T-33 TO SIMULATE REENTRY LOAD FACTORS, THE PERFORMANCE LIMITATIONS OF THE T-33, AND THE FACT THAT THE SIMULATION WAS RESTRICTED TO A STRICTLY PREDETERMINED FLIGHT PROFILE. THE CORNELL AERONAUTICAL LABORATORY T-33 DID VARY ITS HANDLING QUALITIES THROUGH A RANGE COMPARABLE TO THE X-15, BUT CONSISTENT MATCHES OF X-15 CHARACTERISTICS WERE NOT OBTAINED BECAUSE OF SYSTEM MALFUNCTIONS. THESE MALFUNCTIONS WERE EVIDENTLY CAUSED BY THE EFFECT OF HIGH GROUND TEMPERATURES ON TRANSISTORIZED EQUIPMENT. THE CORNELL AERONAUTICAL LABORATORY VARIABLE STABILITY AIRPLANE DEMONSTRATED GREAT POTENTIAL FOR TECHNICAL SUPPORT APPLICATIONS AT THE AIR FORCE FLIGHT TEST CENTER WHEN SYSTEMS RELIABILITY IS IMPROVED. (AUTHOR)

FIELD 28: ABSTRACT CLASS.

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AD NUMBER ***** 262629 *****SCN-- DNQ30I

FIELD 5: SOURCE NAME
FIELD 6: UNCLASS. TITLE
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE
FIELD 12: PAGINATION
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS
FIELD 22: ALPHA LIMITATIONS
FIELD 27: ABSTRACT

ADVISORY GROUP FOR AERONAUTICAL RESEARCH AND DEVELOPMENT PARIS (FRANCE)
THE X-15 RESEARCH PROGRAM
BEELER, DE E.
OCT 1980
17

289

U

THE RESEARCH PROGRAM DEVELOPED FOR THE X-15 IS BRIEFLY DESCRIBED. SOME OF THE EARLY FLIGHT TEST RESULTS ARE ALSO INCLUDED TO ILLUSTRATE THE KIND OF RESULTS TO BE EXPECTED FROM THE PROGRAM AND TO SHOW THE PRESENT STATUS OF THE PROJECT. (AUTHOR)

FIELD 28: ABSTRACT CLASS.

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AD NUMBER ***** 261195 *****SCN-- DNQ30I

FIELD 5: SOURCE NAME
FIELD 6: UNCLASS. TITLE
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE
FIELD 12: PAGINATION
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS
FIELD 22: ALPHA LIMITATIONS

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION WASHINGTON D C
PRELIMINARY BASE PRESSURES OBTAINED FROM THE X-15 AIRPLANE AT MACH NUMBERS FROM 1.1 TO 3.2

SALTZMAN, EDWIN J.;
AUG 1961
1

TN D 1056

U

PAGE 5
FIELD 27: ABSTRACT

DNQ30I

BASE PRESSURE MEASUREMENTS WERE MADE ON THE FUSELAGE, 10 DEGREE-WEDGE VERTICAL FIN, AND SIDE FAIRING OF THE X-15 AIRPLANE. DATA ARE PRESENTED FOR MACH NUMBERS BETWEEN 1.1 AND 3.2 FOR BOTH POWERED AND UNPOWERED FLIGHT. COMPARISONS ARE MADE WITH DATA FROM SMALL-SCALE-MODEL TESTS, SEMIEMPIRICAL ESTIMATES, AND THEORY. THE RESULTS OF THIS PRELIMINARY STUDY SHOW THAT OPERATION OF THE INTERIM ROCKET ENGINES REDUCES THE BASE DRAG OF THE X-15 BY 25 TO 35% THROUGHOUT THE TEST MACH NUMBER RANGE. VALUES OF BASE DRAG COEFFICIENT FOR THE SIDE FAIRING AND FUSELAGE OBTAINED FROM X-15 WIND-TUNNEL MODELS WERE ADEQUATE FOR PREDICTING THE OVER-ALL FULL-SCALE PERFORMANCE OF THE TEST AIRPLANE. THE LEADING-EDGE SWEEP OF THE UPPER MOVABLE VERTICAL FIN WAS NOT AN IMPORTANT FACTOR AFFECTING THE FIN BASE PRESSURE. THE POWER-OFF BASE PRESSURE COEFFICIENTS OF THE UPPER MOVABLE VERTICAL FIN ARE IN GENERAL AGREEMENT WITH THE SMALL-SCALE BLUNT-TRAILING-EDGE-WING DATA OF SEVERAL INVESTIGATORS AND WITH TWO-DIMENSIONAL THEORY. (AUTHOR)

FIELD 28: ABSTRACT CLASS.

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AD NUMBER *****

259680 *****SCN-- DNQ30I

FIELD 5: SOURCE NAME
FIELD 6: UNCLASS. TITLE

FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE
FIELD 12: PAGINATION
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS
FIELD 22: ALPHA LIMITATIONS
FIELD 27: ABSTRACT

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION WASHINGTON D C
ANALYSIS OF X-15 LANDING APPROACH AND FLARE CHARACTERISTICS DETERMINED FROM THE FIRST 30 FLIGHTS

MATRANGA, GENE J.;
JUL 1961
1

TN D 1057

U

THE APPROACH AND FLARE MANEUVERS FOR THE FIRST 30 FLIGHTS OF THE X-15 AIRPLANE AND THE VARIOUS CONTROL PROBLEMS ENCOUNTERED ARE DISCUSSED. DEPENDING ON CONFIGURATION, THE PEAK LIFT-DRAG RATIOS FROM FLIGHT VARIED FROM 3.5 TO 4.5 AS COMPARED WITH A PREDICTED RANGE OF FROM 3.0 TO 4.2. BY EMPLOYING OVERHEAD, SPIRAL-TYPE PATTERNS BEGINNING AT ALTITUDES AS HIGH AS 40,000 FT, THE PILOTS WERE CONSISTENTLY ABLE TO TOUCH DOWN WITHIN ABOUT + OR - 1,000 FT OF A DESIGNATED POINT. A TYPICAL FLARE WAS INITIATED AT A COMFORTABLE ALTITUDE OF ABOUT 800 FT AND AN INDICATED AIRSPEED OF APPROXIMATELY 300 KNOTS, WHICH ALLOWED A MARGIN OF EXCESS SPEED. THE FLAP AND GEAR WERE EXTENDED WHEN THE FLARE WAS ESSENTIALLY COMPLETED, AND AN AVERAGE TOUCHDOWN WAS ACCOMPLISHED AT A SPEED OF ABOUT 185 KNOTS INDICATED AIRSPEED, AN ANGLE OF ATTACK OF ABOUT 7 DEGREES AND A RATE OF DESCENT OF ABOUT 4 FPS. IN GENERAL, THE APPROACH AND LANDING CHARACTERISTICS WERE PREDICTED WITH GOOD ACCURACY IN EXTENSIVE PREFLIGHT SIMULATIONS. F-104 AIRPLANES WHICH SIMULATED THE X-15 LANDING CHARACTERISTICS WERE PARTICULARLY VALUABLE FOR PILOT TRAINING. (AUTHOR)

FIELD 28: ABSTRACT CLASS.

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AD NUMBER *****

256165 *****SCN-- DNQ30I

FIELD 5: SOURCE NAME
FIELD 6: UNCLASS. TITLE
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE
FIELD 12: PAGINATION
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 19: MONITOR SERIES

AERONAUTICAL SYSTEMS DIV WRIGHT-PATTERSON AFB OHIO DIRECTORATE OF SYSTEMS
ENGINEERING
EFFECTS OF XLR-99 ENGINE NOZZLE OPTIMIZATION ON MAXIMUM ENGINE PERFORMANCE

EGGERS, ERICH L.;
MAR 1961
1V

PAGE 6 DNQ30I
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS
FIELD 27: ABSTRACT

THE MISSION OF THE X-15 AIRCRAFT ENGINE REQUIRES THAT THE ENGINE OPERATE AT 40,000 TO 250,000 FEET ALTITUDE. SINCE NOZZLE OPTIMIZATION IS PRESENTLY AT 17,000 FEET, METHODS OF INCREASING ENGINE PERFORMANCE BY OPTIMIZATION OF THE NOZZLE TO HIGHER ALTITUDES WERE STUDIED. THEORETICAL RESULTS INDICATE THAT OPTIMIZATION CAN BE ACHIEVED AT 40,000 FEET BY EXTENDING THE PRESENT NOZZLE 18 INCHES. THE EXIT AREA OF THIS NOZZLE WOULD STILL BE WITHIN THE LIMITS IMPOSED BY THE CONTOUR OF THE X-15 TAIL SECTION. OPTIMIZATION OVER 40,000 FEET WOULD PROBABLY REQUIRE MAJOR DESIGN CHANGES.

(AUTHOR)
U

FIELD 28: ABSTRACT CLASS.

AD NUMBER ***** C053390 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME GENERAL DYNAMICS FORT WORTH TX CONVAIR AEROSPACE DIV
 FIELD 6: UNCLASS. TITLE MX-1964.
 FIELD 9: DESCRIPTIVE NOTE PROGRESS REPT. NO. 12.
 FIELD 10: PERSONAL AUTHORS
 FIELD 11: REPORT DATE APR 1953
 FIELD 12: PAGINATION 159
 FIELD 13: SOURCE ACRONYM
 FIELD 14: REPORT NUMBER
 FIELD 15: CONTRACT NUMBER AF33(038)-21250
 FIELD 19: MONITOR SERIES WADC
 FIELD 20: REPORT CLASS S
 FIELD 22: ALPHA LIMITATIONS CONTROLLING OFFICE: WRIGHT AIR DEVELOPMENT CENTER, WRIGHT-PATTERSON AFB, OH.

AD NUMBER ***** C014875 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME BOEING AEROSPACE CO SEATTLE WA BOEING MILITARY AIRPLANE DEVELOPMENT
 FIELD 6: UNCLASS. TITLE AERODYNAMIC SYNERGISTICS OF AIR LAUNCHED VEHICLES. VOLUME II. SYSTEMS ANALYSIS.
 FIELD 9: DESCRIPTIVE NOTE FINAL REPT. 3 MAY 76-17 JUN 77,
 FIELD 10: PERSONAL AUTHORS GOLDSMITH, M. L. ;
 FIELD 11: REPORT DATE OCT 1977
 FIELD 12: PAGINATION 162P
 FIELD 13: SOURCE ACRONYM
 FIELD 14: REPORT NUMBER D180-20664-2
 FIELD 15: CONTRACT NUMBER F33615-76-C-3041
 FIELD 19: MONITOR SERIES TR-77-94-VOL-2
 FIELD 20: REPORT CLASS U
 FIELD 22: ALPHA LIMITATIONS DISTRIBUTION LIMITED TO U.S. GOV'T. AGENCIES ONLY; TEST AND EVALUATION; SEP 77. OTHER REQUESTS MUST BE REFERRED TO DIRECTOR, AFWAL, ATTN: FIMS. WRIGHT-PATTERSON AFB, OH 45433.

AD NUMBER ***** C014874 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME BOEING AEROSPACE CO SEATTLE WA BOEING MILITARY AIRPLANE DEVELOPMENT
 FIELD 6: UNCLASS. TITLE AERODYNAMIC SYNERGISTICS OF AIR LAUNCHED VEHICLES. VOLUME I. EXECUTIVE SUMMARY.
 FIELD 9: DESCRIPTIVE NOTE FINAL REPT. 3 MAY 76-17 JUN 77,
 FIELD 10: PERSONAL AUTHORS HAHN, DARIL W. ;
 FIELD 11: REPORT DATE OCT 1977
 FIELD 12: PAGINATION 65P
 FIELD 13: SOURCE ACRONYM
 FIELD 14: REPORT NUMBER D180-20664-1
 FIELD 15: CONTRACT NUMBER F33615-76-C-3041
 FIELD 19: MONITOR SERIES TR-77-94-VOL-1
 FIELD 20: REPORT CLASS U
 FIELD 22: ALPHA LIMITATIONS DISTRIBUTION LIMITED TO U.S. GOV'T. AGENCIES ONLY; TEST AND EVALUATION; SEP 77. OTHER REQUESTS MUST BE REFERRED TO DIRECTOR, AFWAL, ATTN: FIMS. WRIGHT-PATTERSON AFB, OH 45433.

AD NUMBER ***** C013945 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME AIR FORCE FLIGHT DYNAMICS LAB WRIGHT-PATTERSON AFB OH
 FIELD 6: UNCLASS. TITLE THE MUTUAL AERODYNAMIC INTERFERENCE OF TWO AIRCRAFT IN CLOSE PROXIMITY.

FIELD 9: DESCRIPTIVE NOTE FINAL REPT. APR 74-JAN 77,
 FIELD 10: PERSONAL AUTHORS TERRY, JAMES L.
 FIELD 11: REPORT DATE OCT 1977
 FIELD 12: PAGINATION 136
 FIELD 13: SOURCE ACRONYM
 FIELD 14: REPORT NUMBER AFFDL-TR-77-43
 FIELD 15: CONTRACT NUMBER
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FIELD 5: SOURCE NAME AIR FORCE FLIGHT DYNAMICS LAB WRIGHT-PATTERSON AFB OH
 FIELD 6: UNCLASS. TITLE LATERAL-DIRECTIONAL STABILITY AND CONTROL CHARACTERISTICS OF THE MF-5A
 MICRO-FIGHTER WITH DIFFERENT EMPENNAGE CONFIGURATIONS AT MACH NUMBERS FROM
 0.5 TO 2.0
 FIELD 9: DESCRIPTIVE NOTE FINAL REPT. JUN 1972-DEC 1974
 FIELD 10: PERSONAL AUTHORS TERRY, JAMES L.
 FIELD 11: REPORT DATE MAY 1976
 FIELD 12: PAGINATION 149
 FIELD 13: SOURCE ACRONYM
 FIELD 14: REPORT NUMBER AFFDL-TR-76-21
 FIELD 15: CONTRACT NUMBER 1
 FIELD 19: MONITOR SERIES AFFDL
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FIELD 5: SOURCE NAME BOEING AEROSPACE CO SEATTLE WA
 FIELD 6: UNCLASS. TITLE MICRO-FIGHTER AIRBORNE RECOVERY FEASIBILITY EVALUATION. VOLUME 4: MICRO-
 TECHNOLOGY FLIGHT VEHICLE DESIGN AND DEMONSTRATION PLAN
 FIELD 9: DESCRIPTIVE NOTE FINAL TECHNICAL REPT. 1 JAN-31 DEC 1974
 FIELD 10: PERSONAL AUTHORS NELSON, BUD D.
 FIELD 11: REPORT DATE MAR 1975
 FIELD 12: PAGINATION 135
 FIELD 13: SOURCE ACRONYM
 FIELD 14: REPORT NUMBER
 FIELD 15: CONTRACT NUMBER F33615-74-C-3003
 FIELD 19: MONITOR SERIES TR-75-9-VOL-4, AFFDL
 FIELD 20: REPORT CLASS U
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FIELD 6: UNCLASS. TITLE MICRO-FIGHTER AIRBORNE RECOVERY FEASIBILITY EVALUATION. VOLUME 3: FLIGHT SIMULATION

FIELD 9: DESCRIPTIVE NOTE FINAL TECHNICAL REPT. 1 JAN-31 DEC 1974

FIELD 10: PERSONAL AUTHORS HEIM, DONALD C.

FIELD 11: REPORT DATE MAR 1975

FIELD 12: PAGINATION 93

FIELD 13: SOURCE ACRONYM

FIELD 14: REPORT NUMBER

FIELD 15: CONTRACT NUMBER F33615-74-C-3003

FIELD 19: MONITOR SERIES TR-75-9-VOL-3, AFFDL

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FIELD 6: UNCLASS. TITLE MICRO-FIGHTER AIRBORNE RECOVERY FEASIBILITY EVALUATION. VOLUME 2. AERODYNAMICS.

FIELD 9: DESCRIPTIVE NOTE FINAL TECHNICAL REPT. 1 JAN-31 DEC 1974

FIELD 10: PERSONAL AUTHORS LETSINGER, GARY R.

FIELD 11: REPORT DATE MAR 1975

FIELD 12: PAGINATION 193

FIELD 13: SOURCE ACRONYM

FIELD 14: REPORT NUMBER

FIELD 15: CONTRACT NUMBER F33615-74-C-3003

FIELD 19: MONITOR SERIES TR-75-9-VOL-2, AFFDL

FIELD 20: REPORT CLASS U

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FIELD 5: SOURCE NAME BOEING AEROSPACE CO SEATTLE WA

FIELD 6: UNCLASS. TITLE MICRO-FIGHTER AIRBORNE RECOVERY FEASIBILITY EVALUATION. VOLUME I. SUMMARY

FIELD 9: DESCRIPTIVE NOTE FINAL TECHNICAL REPT. 1 JAN-31 DEC 1974

FIELD 10: PERSONAL AUTHORS NELSON, BUD D.; HEIM, DONALD C.; LETSINGER, GARY R.

FIELD 11: REPORT DATE MAR 1975

FIELD 12: PAGINATION 66

FIELD 13: SOURCE ACRONYM

FIELD 14: REPORT NUMBER

FIELD 15: CONTRACT NUMBER F33615-74-C-3003

FIELD 19: MONITOR SERIES TR-75-9-VOL-1, AFFDL

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FIELD 5: SOURCE NAME ARNOLD ENGINEERING DEVELOPMENT CENTER ARNOLD AIR FORCE STATION TENN

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FIELD 6:	UNCLASS. TITLE	AERODYNAMIC CHARACTERISTICS OF TWO AFFDL MICROFIGHTER (ATV) CONFIGURATIONS AT MACH NUMBERS FROM 0.5 TO 1.3.
FIELD 9:	DESCRIPTIVE NOTE	FINAL REPT.,
FIELD 10:	PERSONAL AUTHORS	ANDERSON, C. F. ;
FIELD 11:	REPORT DATE	APR 1975
FIELD 12:	PAGINATION	87P
FIELD 13:	SOURCE ACRONYM	
FIELD 14:	REPORT NUMBER	AEDC-TR-75-41
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FIELD 5:	SOURCE NAME	ARNOLD ENGINEERING DEVELOPMENT CENTER ARNOLD AFS TN
FIELD 6:	UNCLASS. TITLE	TESTS OF A 0.03-SCALE MICRO FIGHTER 5B MODEL ADJACENT TO A BOEING 747 MODEL TO DETERMINE AERODYNAMIC INTERFERENCE EFFECTS
FIELD 9:	DESCRIPTIVE NOTE	FINAL REPT.
FIELD 10:	PERSONAL AUTHORS	BLACK, J. A.
FIELD 11:	REPORT DATE	APR 1975
FIELD 12:	PAGINATION	96
FIELD 13:	SOURCE ACRONYM	
FIELD 14:	REPORT NUMBER	
FIELD 15:	CONTRACT NUMBER	
FIELD 19:	MONITOR SERIES	TR-75-28, AEDC
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FIELD 5:	SOURCE NAME	LOCKHEED MARTIN ASTRONAUTICS DENVER CO
FIELD 6:	UNCLASS. TITLE	STRUCTURALLY EMBEDDED PHOTONICALLY CONTROLLED PHASED ARMY ANTENNA (SEPCPAA).
FIELD 9:	DESCRIPTIVE NOTE	QUARTERLY PROGRESS REPT. NO. 5, 15 JUL 95-14 OCT 96,
FIELD 10:	PERSONAL AUTHORS	LANNING, B.; RAWAL, S.; LANG, M.; CHARETTE, D.; SUMMERS, J.
FIELD 11:	REPORT DATE	OCT 1996
FIELD 12:	PAGINATION	25
FIELD 13:	SOURCE ACRONYM	
FIELD 14:	REPORT NUMBER	MCR-95-573
FIELD 15:	CONTRACT NUMBER	NOO014-95-C-0166
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FIELD 5:	SOURCE NAME	NATIONAL AEROSPACE LAB AMSTERDAM (NETHERLANDS)
FIELD 6:	UNCLASS. TITLE	LARVE, A HYPERSONIC FLIGHT TEST FACILITY LAUNCHED BY ARIANE 4,

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FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE
FIELD 12: PAGINATION
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
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HAGMEIJER, R.; SUDMEIJER, K. J.
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21
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AD NUMBER ***** BO22062 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME FOREIGN TECHNOLOGY DIV WRIGHT-PATTERSON AFB OHIO
FIELD 6: UNCLASS. TITLE THE SOVIET SPACE FERRY PROJECT/COUNTERPART TO THE AMERICAN SPACE SHUTTLE.

FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE MAR 1977
FIELD 12: PAGINATION 5P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER FTD-ID(RS)I-0471-77
FIELD 15: CONTRACT NUMBER
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FIELD 5: SOURCE NAME MCDONNELL DOUGLAS ASTRONAUTICS CO-EAST ST LOUIS MO
FIELD 6: UNCLASS. TITLE INCREMENTAL GROWTH VEHICLE FORMULATION AND ANALYSIS. VOLUME II. ANALYSIS AND DESIGN.

FIELD 9: DESCRIPTIVE NOTE FINAL CONTRACT REPT. JAN-OCT 73,
FIELD 10: PERSONAL AUTHORS VETTER,HANS C. ;RASHIDIAN,R. M. ;HAAS,D. W. ;HAIR,L. M. ;
GERLER,V. M. ;
FIELD 11: REPORT DATE OCT 1973
FIELD 12: PAGINATION 186P

FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER MDC-E0875-VOL-2
FIELD 15: CONTRACT NUMBER F33615-73-C-3069
FIELD 19: MONITOR SERIES TR-73-104-VOL-2
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FIELD 5: SOURCE NAME AERONAUTICAL RESEARCH LABS MELBOURNE (AUSTRALIA)
FIELD 6: UNCLASS. TITLE THE GOBLIN MK35 ENGINE - INVESTIGATION OF NOISE AND VIBRATION.
FIELD 9: DESCRIPTIVE NOTE MECHANICAL ENGINEERING REPT.,
FIELD 10: PERSONAL AUTHORS WILLIAMS,J. E. ;EDWARDS,D. H. ;
FIELD 11: REPORT DATE APR 1970

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FIELD 12: PAGINATION 79P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER ARL/ME-127
FIELD 15: CONTRACT NUMBER
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FIELD 6: UNCLASS. TITLE THE GOBLIN MK 35 ENGINE-INVESTIGATION OF FLAME TUBE FATIGUE.
FIELD 9: DESCRIPTIVE NOTE MECHANICAL ENGINEERING REPT.,
FIELD 10: PERSONAL AUTHORS WILLIAMS, J. E. ;
FIELD 11: REPORT DATE DEC 1968
FIELD 12: PAGINATION 73P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER ARL/ME-123
FIELD 15: CONTRACT NUMBER
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AD NUMBER ***** 847597 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME NAVAL MISSILE CENTER POINT MUGU CALIF
FIELD 6: UNCLASS. TITLE KDA-4 AS AN OPERATIONAL TARGET.
FIELD 9: DESCRIPTIVE NOTE TECHNICAL MEMO.,
FIELD 10: PERSONAL AUTHORS JOHNSTON, R. L. ; CARTER, R. M. ;
FIELD 11: REPORT DATE JUN 1962
FIELD 12: PAGINATION 35P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER NMC-TM-62-23
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
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FIELD 6: UNCLASS. TITLE THE SANDPIPER TARGET MISSILE EXPLORATORY DEVELOPMENT AND FLIGHT TEST.
FIELD 9: DESCRIPTIVE NOTE FINAL REPT. 26 APR 66-JUN 68,
FIELD 10: PERSONAL AUTHORS BRUBAKER, M. L. ; WELLS, D. E. ;
FIELD 11: REPORT DATE JUN 1968
FIELD 12: PAGINATION 68
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER ER-21160
FIELD 15: CONTRACT NUMBER AF 08(635)-5613
FIELD 19: MONITOR SERIES TR-68-70
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FIELD 5: SOURCE NAME NAVAL AIR DEVELOPMENT CENTER JOHNSVILLE PA AERO MECHANICS DEPT
FIELD 6: UNCLASS. TITLE AERODYNAMIC ANALYSIS OF DP-2E AIRCRAFT AND CAPTIVE XBQM-34E AERIAL TARGET.
FIELD 9: DESCRIPTIVE NOTE FINAL REPT.,
FIELD 10: PERSONAL AUTHORS STAMAT,B. ;
FIELD 11: REPORT DATE JUL 1968
FIELD 12: PAGINATION 25P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER NADC-AM-6745
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS U
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FIELD 5: SOURCE NAME NAVAL MISSILE CENTER POINT MUGU CALIF
FIELD 6: UNCLASS. TITLE USE OF THE LOW-ALTITUDE CAPABILITY OF THE XBQM-34E AERIAL TARGET AT SELECTED NAVAL
RANGES.
FIELD 9: DESCRIPTIVE NOTE TECHNICAL MEMO.,
FIELD 10: PERSONAL AUTHORS ARCHER,C. O. ;
FIELD 11: REPORT DATE AUG 1968
FIELD 12: PAGINATION 21P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER NMC-TM-68-45
FIELD 15: CONTRACT NUMBER
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FIELD 5: SOURCE NAME NAVAL MISSILE CENTER POINT MUGU CALIF
FIELD 6: UNCLASS. TITLE AIR LAUNCH, TRACK AND CONTROL OF THE KDB-1 TARGET FROM A P2V-5FD AIRCRAFT.
FIELD 9: DESCRIPTIVE NOTE FINAL REPT.,
FIELD 10: PERSONAL AUTHORS SZOT,L. J. ;JOE,JACK W. , JR;
FIELD 11: REPORT DATE 1959
FIELD 12: PAGINATION 15P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER NMC-TM-59-58
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
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FIELD 5: SOURCE NAME NAVAL MISSILE CENTER POINT MUGU CALIF
FIELD 6: UNCLASS. TITLE PRELIMINARY DESIGN OF A NONLINEAR AUTOPILOT FOR THE CROW RAMJET TEST VEHICLE.
FIELD 9: DESCRIPTIVE NOTE TECHNICAL MEMO.,
FIELD 10: PERSONAL AUTHORS DAY,L. E. ;
FIELD 11: REPORT DATE AUG 1959
FIELD 12: PAGINATION 27P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER NMC-TM-59-14

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FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
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FIELD 5: SOURCE NAME NAVAL MISSILE CENTER POINT MUGU CALIF
FIELD 6: UNCLASS. TITLE STABILITY ANALYSIS OF THE XKD4R-1 TARGET WITH REDESIGNED GUIDANCE PACKAGE.
FIELD 9: DESCRIPTIVE NOTE TECHNICAL MEMO.,
FIELD 10: PERSONAL AUTHORS MARSON,M. R. ;BUNKOWSKI,N. H. ;
FIELD 11: REPORT DATE SEP 1959
FIELD 12: PAGINATION 29P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER NMC-TM-59-13
FIELD 15: CONTRACT NUMBER
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FIELD 5: SOURCE NAME NAVAL MISSILE CENTER POINT MUGU CALIF
FIELD 6: UNCLASS. TITLE CONTRACTOR'S DEVELOPMENT FLIGHT-TESTING OF XKDB-1 AERIAL TARGET.
FIELD 9: DESCRIPTIVE NOTE FINAL REPT.,
FIELD 10: PERSONAL AUTHORS SZOT,LEON J. ;
FIELD 11: REPORT DATE SEP 1960
FIELD 12: PAGINATION 32P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER NMC-TM-60-39
FIELD 15: CONTRACT NUMBER
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FIELD 5: SOURCE NAME NAVAL MISSILE CENTER POINT MUGU CALIF
FIELD 6: UNCLASS. TITLE CONTRACTOR'S DEVELOPMENT TESTS OF THE XKDA-2/XKDA-3 TARGET.
FIELD 9: DESCRIPTIVE NOTE TECHNICAL MEMO.,
FIELD 10: PERSONAL AUTHORS COUCH,L. D. ;
FIELD 11: REPORT DATE SEP 1960
FIELD 12: PAGINATION 42P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER NMC-TM-60-47
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS
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FIELD 5: SOURCE NAME AIR PROVING GROUND CENTER EGLIN AFB FLA

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FIELD 6: UNCLASS. TITLE
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FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE
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FIELD 13: SOURCE ACRONYM
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FIELD 15: CONTRACT NUMBER
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FIELD 20: REPORT CLASS
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FLIGHT DEMONSTRATION OF THE SANDPIPER ROCKET TARGET MISSILE TEST-BED VEHICLE.
FINAL REPT. 7 DEC 67-25 FEB 68,
GAFNEY, JAMES M. ;
APR 1968
92P

APGC-TR-68-38

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FIELD 14: REPORT NUMBER
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS
FIELD 22: ALPHA LIMITATIONS

NAVAL AIR TEST CENTER PATUXENT RIVER MD
CARRIER SUITABILITY EVALUATION OF THE AQM-37A POWERED TARGET SYSTEM ON THE INBOARD WING
STATIONS OF A-4 AIRPLANES.
FINAL REPT. 31 AUG-2 SEP 67.

MAY 1968
6P

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FIELD 12: PAGINATION
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS
FIELD 22: ALPHA LIMITATIONS

AIR FORCE FLIGHT DYNAMICS LAB WRIGHT-PATTERSON AFB OH
SOME PERFORMANCE AND AERODYNAMIC DESIGN ASPECTS OF AIR LAUNCHED MICRO-
FIGHTERS WITH JUMBO JETS AS CARRIERS
TECHNICAL REPT. FEB-OCT 1973
DRAPER, ALFRED C.; SIERON, THOMAS R.; JOHNSON, DAVID T.
MAR 1974
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AFFDL-TR-74-25

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FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE

BOEING AEROSPACE CO SEATTLE WASH AERONAUTICAL AND INFORMATION SYSTEMS DIV
INVESTIGATION OF A MICRO-FIGHTER/AIRBORNE AIRCRAFT CARRIER CONCEPT.
VOLUME I.
FINAL REPT. 15 NOV 72-17 SEP 73,
NELSON, BUD D. ; BRENNAN, W. M. ; ROOT, G. R. ; O'NEILL, E. T. ;
PALMER, P. T. ;
SEP 1973

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FIELD 12:	PAGINATION	74P
FIELD 13:	SOURCE ACRONYM	
FIELD 14:	REPORT NUMBER	D180-17538-1
FIELD 15:	CONTRACT NUMBER	F33615-73-C-3012
FIELD 19:	MONITOR SERIES	TR-73-93-VOL-1
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FIELD 6:	UNCLASS. TITLE	AERODYNAMIC CHARACTERISTICS OF THE AFFDL ADVANCED TACTICAL VEHICLE AT MACH NUMBERS FROM 0.5 TO 1.3.	
FIELD 9:	DESCRIPTIVE NOTE	FINAL REPT.,	
FIELD 10:	PERSONAL AUTHORS	DUNKIN, O. L. ;	
FIELD 11:	REPORT DATE	SEP 1973	
FIELD 12:	PAGINATION	132P	
FIELD 13:	SOURCE ACRONYM		
FIELD 14:	REPORT NUMBER	AEDC-TR-73-136	
FIELD 15:	CONTRACT NUMBER		
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FIELD 5:	SOURCE NAME	NORTH AMERICAN AVIATION INC LOS ANGELES CALIF	
FIELD 6:	UNCLASS. TITLE	X-15 RESEARCH AIRPLANE, NAA MODEL NO. NA-240.	
FIELD 9:	DESCRIPTIVE NOTE	QUARTERLY PROGRESS REPT. 1 AUG-15 OCT 58.	
FIELD 10:	PERSONAL AUTHORS	FELTZ, C. H. ;	
FIELD 11:	REPORT DATE	NOV 1958	
FIELD 12:	PAGINATION	108P	
FIELD 13:	SOURCE ACRONYM		
FIELD 14:	REPORT NUMBER	NA-58-1335	
FIELD 15:	CONTRACT NUMBER	AF 33(600)-31693	
FIELD 19:	MONITOR SERIES		
FIELD 20:	REPORT CLASS	U	
FIELD 22:	ALPHA LIMITATIONS		

AD NUMBER	*****	490883	*****SCN-- DNQ40L
FIELD 5:	SOURCE NAME	NORTH AMERICAN AVIATION INC LOS ANGELES CALIF	
FIELD 6:	UNCLASS. TITLE	X-15 RESEARCH AIRPLANE NAA MODEL NO. NA-240, SYSTEM 605A.	
FIELD 9:	DESCRIPTIVE NOTE	FLIGHT TEST PROGRESS REPT. NO. 31 FOR PERIOD ENDING 3 OCT 59.	
FIELD 10:	PERSONAL AUTHORS		
FIELD 11:	REPORT DATE	OCT 1959	
FIELD 12:	PAGINATION	27P	
FIELD 13:	SOURCE ACRONYM		
FIELD 14:	REPORT NUMBER	59 336 31	
FIELD 15:	CONTRACT NUMBER	AF 33(600)31693	
FIELD 19:	MONITOR SERIES		

PAGE 11 DNQ40L
FIELD 20: REPORT CLASS
FIELD 22: ALPHA LIMITATIONS

U
DISTRIBUTION: NO FORN.

AD NUMBER ***** 457792 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME NORTH AMERICAN AVIATION INC DOWNEY CALIF
FIELD 6: UNCLASS. TITLE SPACE FLIGHT TRAINING PROGRAMS,
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS AMORELLI,D. ;CAME,B. J. ;WOLFE,D. L. ;
FIELD 11: REPORT DATE JAN 1963
FIELD 12: PAGINATION 22P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER 543 E/3 63
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES 347 90 00 OOF1 07
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 394792 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME MARTIN MARIETTA AEROSPACE DENVER CO
FIELD 6: UNCLASS. TITLE ADVANCED STRUCTURAL CONCEPTS EXPERIMENTAL PROGRAM PROJECT ASCEP. VOLUME
I. DESIGN AND ANALYSIS
FIELD 9: DESCRIPTIVE NOTE FINAL TECHNICAL REPT. 17 JUN 1963-24 SEP 1968
FIELD 10: PERSONAL AUTHORS NORTON, ALLAN M.; MCCOWN, JAMES W.; BARRETT, WILLIAM F.
FIELD 11: REPORT DATE NOV 1968
FIELD 12: PAGINATION 551
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER ER-14611-VOL-1
FIELD 15: CONTRACT NUMBER AF 33(657)-11539
FIELD 19: MONITOR SERIES TR-67-146-VOL-1, AFFDL
FIELD 20: REPORT CLASS C
FIELD 22: ALPHA LIMITATIONS DISTRIBUTION AUTHORIZED TO U.S. GOV'T. AGENCIES AND THEIR CONTRACTORS;
SPECIFIC AUTHORITY; NOV 1968. OTHER REQUESTS SHALL BE REFERRED TO AIR FORCE
FLIGHT DYNAMICS LAB, ATTN: FDTS, WRIGHT-PATTERSON AFB, OH 45433.

AD NUMBER ***** 385333 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME NORTH AMERICAN ROCKWELL CORP LOS ANGELES CALIF LOS ANGELES DIV
FIELD 6: UNCLASS. TITLE HYPERSONIC SCRAMJET VEHICLE STUDY. VOLUME IX. COST ANALYSIS.
FIELD 9: DESCRIPTIVE NOTE FINAL REPT. OCT 66-OCT 67,
FIELD 10: PERSONAL AUTHORS MCCOLLAM,P. S. ;
FIELD 11: REPORT DATE NOV 1967
FIELD 12: PAGINATION 98P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER NA-67-789-VOL-9
FIELD 15: CONTRACT NUMBER F33615-67-C-1089
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS C
FIELD 22: ALPHA LIMITATIONS DISTRIBUTION: CONTROLLED: ALL REQUESTS TO AERONAUTICAL SYSTEMS DIV.,
ATTN: ASBCS. WRIGHT-PATTERSON AFB, OHIO 45433.

AD NUMBER ***** 385332 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME NORTH AMERICAN ROCKWELL CORP LOS ANGELES CALIF LOS ANGELES DIV
FIELD 6: UNCLASS. TITLE HYPERSONIC SCRAMJET VEHICLE STUDY. VOLUME VIII. TECHNICAL ASSESSMENTS.
FIELD 9: DESCRIPTIVE NOTE FINAL REPT. OCT 66-OCT 67,

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FIELD 10: PERSONAL AUTHORS FERNANDEZ,D. L. ;
FIELD 11: REPORT DATE NOV 1967
FIELD 12: PAGINATION 98P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER NA-67-789-VOL-8
FIELD 15: CONTRACT NUMBER F33615-67-C-1089
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS C
FIELD 22: ALPHA LIMITATIONS DISTRIBUTION: CONTROLLED: ALL REQUESTS TO AERONAUTICAL SYSTEMS DIV.,
ATTN: ASBCS. WRIGHT-PATTERSON AFB, OHIO 45433.

AD NUMBER ***** 385329 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME NORTH AMERICAN ROCKWELL CORP LOS ANGELES CALIF LOS ANGELES DIV
FIELD 6: UNCLASS. TITLE HYPERSONIC SCRAMJET VEHICLE STUDY. VOLUME III. VEHICLE PARAMETRIC STUDIES.
FIELD 9: DESCRIPTIVE NOTE FINAL REPT. OCT 66-OCT 67,
FIELD 10: PERSONAL AUTHORS FRANKLIN,W. L. ;
FIELD 11: REPORT DATE NOV 1967
FIELD 12: PAGINATION 414P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER NA-67-789-VOL-3
FIELD 15: CONTRACT NUMBER F33615-67-C-1089
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS C
FIELD 22: ALPHA LIMITATIONS DISTRIBUTION: CONTROLLED: ALL REQUESTS TO AERONAUTICAL SYSTEMS DIV.,
ATTN: ASBCS. WRIGHT-PATTERSON AFB, OHIO 45433.

AD NUMBER ***** 385328 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME NORTH AMERICAN ROCKWELL CORP LOS ANGELES CALIF LOS ANGELES DIV
FIELD 6: UNCLASS. TITLE HYPERSONIC SCRAMJET VEHICLE STUDY. VOLUME I. SUMMARY.
FIELD 9: DESCRIPTIVE NOTE FINAL REPT. OCT 66-OCT 67,
FIELD 10: PERSONAL AUTHORS BROWN,L. E. ;
FIELD 11: REPORT DATE NOV 1967
FIELD 12: PAGINATION 124P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER NA-67-789-VOL-1
FIELD 15: CONTRACT NUMBER F33615-67-C-1089
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS C
FIELD 22: ALPHA LIMITATIONS DISTRIBUTION: CONTROLLED: ALL REQUESTS TO AERONAUTICAL SYSTEMS DIV.,
ATTN: ASBCS. WRIGHT-PATTERSON AFB, OHIO 45433.

AD NUMBER ***** 385326 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME NORTH AMERICAN ROCKWELL CORP LOS ANGELES CALIF LOS ANGELES DIV
FIELD 6: UNCLASS. TITLE HYPERSONIC SCRAMJET VEHICLE STUDY. VOLUME VII. ATTRACTIVE SCRAMJET APPLICATIONS.
FIELD 9: DESCRIPTIVE NOTE FINAL REPT. OCT 66-OCT 67,
FIELD 10: PERSONAL AUTHORS MACMILLER,C. J. ;
FIELD 11: REPORT DATE NOV 1967
FIELD 12: PAGINATION 304P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER NA-67-789-VOL-7
FIELD 15: CONTRACT NUMBER F33615-67-C-1089
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS C
FIELD 22: ALPHA LIMITATIONS DISTRIBUTION: CONTROLLED: ALL REQUESTS TO AERONAUTICAL SYSTEMS DIV.,

ATTN: ASBCS. WRIGHT-PATTERSON AFB, OHIO 45433.

AD NUMBER *****

385324 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME
FIELD 6: UNCLASS. TITLE
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE
FIELD 12: PAGINATION
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS
FIELD 22: ALPHA LIMITATIONS

NORTH AMERICAN ROCKWELL CORP LOS ANGELES CALIF LOS ANGELES DIV
HYPERSONIC SCRAMJET VEHICLE STUDY. VOLUME II. MISSION ANALYSIS AND SELECTION.
FINAL REPT. OCT 66-OCT 67,
MCCOLLAM, P. S. ;
NOV 1967
499P
NA-67-789-VOL-2
F33615-67-C-1089
C
DISTRIBUTION: CONTROLLED: ALL REQUESTS TO AERONAUTICAL SYSTEMS DIV.,
ATTN: ASBCS. WRIGHT-PATTERSON AFB, OHIO 45433.

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364179 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME
FIELD 6: UNCLASS. TITLE
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE
FIELD 12: PAGINATION
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS
FIELD 22: ALPHA LIMITATIONS

NORTH AMERICAN AVIATION INC LOS ANGELES CALIF
X-15 RESEARCH AIRPLANE NAA MODEL NO. NA-240. SYSTEM 605A.
FLIGHT TEST PROGRESS REPT. NO. 58 FOR PERIOD ENDING 9 APR 60.
APR 1960
47P
NA-59-336-58
AF33 600 31693
U

AD NUMBER *****

361407 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME
FIELD 6: UNCLASS. TITLE
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE
FIELD 12: PAGINATION
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS
FIELD 22: ALPHA LIMITATIONS

RAND CORP SANTA MONICA CA
SYSTEM COSTS FOR STRATEGIC PENETRATOR SYSTEMS USING SUBMERSIBLE AND CONVENTIONAL
AIRCRAFT
TENZER, ALBERT J.; WATTS, A. FRANK; KERMISCH, JOHN J.
JUN 1965
60
RM-4296-PR
AF49 638 700
C

AD NUMBER *****

356668 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME
FIELD 6: UNCLASS. TITLE
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE

RAND CORP SANTA MONICA CALIF
LOW-ALTITUDE MANNED PENETRATORS: A COMPARISON OF DROMEDARY-CARRIED PARASITE AND TANKER-
SUPPORTED, LARGE BOMBER SYSTEMS
MURROW, R. B. ; TENZER, A. J. ;
JAN 1965

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FIELD 12: PAGINATION
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS
FIELD 22: ALPHA LIMITATIONS

55P
RM3791PR
AF49 638 700

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AD NUMBER ***** 351322 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME ITEK CORP PALO ALTO CALIF VIDYA DIV
FIELD 6: UNCLASS. TITLE STUDY OF THE EFFECTS OF AN X-15 TYPE FLIGHT ENVIRONMENT ON COHERENT DOPPLER SIDE-LOOKING
RADAR MAPPING SYSTEMS VOLUME II
FIELD 9: DESCRIPTIVE NOTE FINAL TECHNICAL REPT., 28 MAR 63-20 JAN 64,
FIELD 10: PERSONAL AUTHORS RAGENT,B. ;RUDIN,M. ;
FIELD 11: REPORT DATE FEB 1964
FIELD 12: PAGINATION 1V
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER 126 VOL. 2
FIELD 15: CONTRACT NUMBER DA44 009AMC156X
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 347667 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME NORTHROP SPACE LABS HAWTHORNE CALIF
FIELD 6: UNCLASS. TITLE AN INVESTIGATION OF ULTRAVIOLET SURVEILLANCE TECHNIQUES
FIELD 9: DESCRIPTIVE NOTE FINAL REPT.,
FIELD 10: PERSONAL AUTHORS LANDRUM,B. L. ;BOYD,C. E. ;COOK,R. D. ;CUMMINGS,B. R. ;
FIELD 11: REPORT DATE FEB 1964
FIELD 12: PAGINATION 278P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER NSL-62-137-4
FIELD 15: CONTRACT NUMBER AF 33(657)-8367
FIELD 19: MONITOR SERIES TDR-64-4
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 336886 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME GENERAL PRECISION INC PALO ALTO CALIF LINK DIV
FIELD 6: UNCLASS. TITLE ADVANCED DESIGN TRAINER. VOLUME III. APPENDICES
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE JUN 1960
FIELD 12: PAGINATION 1V
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER GPI-WDR-47-VOL-3
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES SR49756
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 336885 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME GENERAL PRECISION INC PALO ALTO CALIF LINK DIV

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FIELD 6: UNCLASS. TITLE ADVANCED DESIGN TRAINER. VOLUME II. COST REPORT
 FIELD 9: DESCRIPTIVE NOTE
 FIELD 10: PERSONAL AUTHORS
 FIELD 11: REPORT DATE JUN 1960
 FIELD 12: PAGINATION 5P
 FIELD 13: SOURCE ACRONYM
 FIELD 14: REPORT NUMBER GPI-WDR-47-VOL-2
 FIELD 15: CONTRACT NUMBER
 FIELD 19: MONITOR SERIES SR49756
 FIELD 20: REPORT CLASS U
 FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 336884 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME GENERAL PRECISION INC PALO ALTO CALIF LINK DIV
 FIELD 6: UNCLASS. TITLE ADVANCED DESIGN TRAINER. VOLUME I. TECHNICAL REPORT
 FIELD 9: DESCRIPTIVE NOTE
 FIELD 10: PERSONAL AUTHORS
 FIELD 11: REPORT DATE JUN 1960
 FIELD 12: PAGINATION 71P
 FIELD 13: SOURCE ACRONYM
 FIELD 14: REPORT NUMBER GPI-WDR-47-VOL-1
 FIELD 15: CONTRACT NUMBER
 FIELD 19: MONITOR SERIES SR49756
 FIELD 20: REPORT CLASS U
 FIELD 22: ALPHA LIMITATIONS DISTRIBUTION: NO FORN. AVAILABILITY: DOCUMENT PARTIALLY ILLEGIBLE.

AD NUMBER ***** 329368 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME RAND CORP SANTA MONICA CALIF
 FIELD 6: UNCLASS. TITLE A SHORT STUDY OF A SMALL LOW-ALTITUDE BOMBER AS A PARASITE AIRPLANE
 FIELD 9: DESCRIPTIVE NOTE
 FIELD 10: PERSONAL AUTHORS JOHNSTON, R.B.;
 FIELD 11: REPORT DATE MAY 1962
 FIELD 12: PAGINATION 1V
 FIELD 13: SOURCE ACRONYM
 FIELD 14: REPORT NUMBER
 FIELD 15: CONTRACT NUMBER
 FIELD 19: MONITOR SERIES
 FIELD 20: REPORT CLASS U
 FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 324997 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME BOEING CO SEATTLE WASH
 FIELD 6: UNCLASS. TITLE EXTERNAL LOAD REPORT (GLIDER AND TRANSITION - PRELIMINARY).
 FIELD 9: DESCRIPTIVE NOTE
 FIELD 10: PERSONAL AUTHORS BOLL, ROBERT T.;
 FIELD 11: REPORT DATE DEC 1961
 FIELD 12: PAGINATION 1V
 FIELD 13: SOURCE ACRONYM
 FIELD 14: REPORT NUMBER D2 8121
 FIELD 15: CONTRACT NUMBER AF33 600 41517
 FIELD 19: MONITOR SERIES
 FIELD 20: REPORT CLASS U
 FIELD 22: ALPHA LIMITATIONS

PAGE	16	DNQ40L
AD NUMBER	*****	323736 *****SCN-- DNQ40L
FIELD 5:	SOURCE NAME	HONEYWELL INC MINNEAPOLIS MINN
FIELD 6:	UNCLASS. TITLE	ADVANCED FLIGHT VEHICLE ADAPTIVE FLIGHT CONTROL SYSTEM. PART II. DESIGN OF MH-96 SYSTEM
FIELD 9:	DESCRIPTIVE NOTE	
FIELD 10:	PERSONAL AUTHORS	MELLEN, DAVID L.; COLE, GEORGE H.; LINDAHL, JOHN H.;
FIELD 11:	REPORT DATE	FEB 1961
FIELD 12:	PAGINATION	1V
FIELD 13:	SOURCE ACRONYM	
FIELD 14:	REPORT NUMBER	
FIELD 15:	CONTRACT NUMBER	AF33 616 6610
FIELD 19:	MONITOR SERIES	
FIELD 20:	REPORT CLASS	U
FIELD 22:	ALPHA LIMITATIONS	
AD NUMBER	*****	322532 *****SCN-- DNQ40L
FIELD 5:	SOURCE NAME	HONEYWELL INC MINNEAPOLIS MINN
FIELD 6:	UNCLASS. TITLE	ADVANCED FLIGHT VEHICLE SELF-ADAPTIVE FLIGHT CONTROL SYSTEM. PART I. STUDY (U)
FIELD 9:	DESCRIPTIVE NOTE	
FIELD 10:	PERSONAL AUTHORS	BOSKOVICH, BORIS; COLE, GEORGE H.; MELLEN, DAVID L.;
FIELD 11:	REPORT DATE	SEP 1960
FIELD 12:	PAGINATION	1
FIELD 13:	SOURCE ACRONYM	
FIELD 14:	REPORT NUMBER	
FIELD 15:	CONTRACT NUMBER	AF33 616 6610
FIELD 19:	MONITOR SERIES	TR60 651 P1
FIELD 20:	REPORT CLASS	U
FIELD 22:	ALPHA LIMITATIONS	
AD NUMBER	*****	312853 *****SCN-- DNQ40L
FIELD 5:	SOURCE NAME	AIR FORCE FLIGHT TEST CENTER EDWARDS AFB CALIF
FIELD 6:	UNCLASS. TITLE	DYNA-SOAR I TEST PROGRAM
FIELD 9:	DESCRIPTIVE NOTE	
FIELD 10:	PERSONAL AUTHORS	RUSSELL, HAROLD; WESESKY, JOHN;
FIELD 11:	REPORT DATE	JUN 1959
FIELD 12:	PAGINATION	16P
FIELD 13:	SOURCE ACRONYM	
FIELD 14:	REPORT NUMBER	AFFTC-59-F-86
FIELD 15:	CONTRACT NUMBER	
FIELD 19:	MONITOR SERIES	
FIELD 20:	REPORT CLASS	U
FIELD 22:	ALPHA LIMITATIONS	
AD NUMBER	*****	311800 *****SCN-- DNQ40L
FIELD 5:	SOURCE NAME	BUREAU OF NAVAL WEAPONS WASHINGTON DC
FIELD 6:	UNCLASS. TITLE	FURTHER COMMENTS ON THE FEASIBILITY OF AIRLAUNCHED ANTI-SATELLITE WEAPON SYSTEMS,
FIELD 9:	DESCRIPTIVE NOTE	
FIELD 10:	PERSONAL AUTHORS	ALEXANDER, S. R.
FIELD 11:	REPORT DATE	MAR 1959
FIELD 12:	PAGINATION	6
FIELD 13:	SOURCE ACRONYM	
FIELD 14:	REPORT NUMBER	DR1971
FIELD 15:	CONTRACT NUMBER	

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FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS
FIELD 22: ALPHA LIMITATIONS

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JUN 72. OTHER REQUESTS FOR THIS DOCUMENT MUST BE REFERRED TO COMMANDER, NAVAL
AIR SYSTEMS COMMAND, ATTN: AIR-503. WASHINGTON, D. C. 20360.

AD NUMBER ***** 306835 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME BELL AEROSPACE CORP BUFFALO N Y
FIELD 6: UNCLASS. TITLE NONEMANATING GUIDANCE FOR THE B-63 WEAPON SYSTEM
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE JUN 1954
FIELD 12: PAGINATION 58P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER TR-1, 56-989-050
FIELD 15: CONTRACT NUMBER W33 038AC14169
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 302048 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME BELL AEROSPACE CORP BUFFALO N Y
FIELD 6: UNCLASS. TITLE SYSTEM 112A
FIELD 9: DESCRIPTIVE NOTE QUARTERLY PROGRESS REPT.
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE SEP 1957
FIELD 12: PAGINATION 60P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER 56-981-021-50
FIELD 15: CONTRACT NUMBER W-33-038-AC-14169
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 301699 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME BELL AEROSPACE CORP BUFFALO N Y
FIELD 6: UNCLASS. TITLE SYSTEM 112A. FLIGHT TEST SUMMARY
FIELD 9: DESCRIPTIVE NOTE SUMMARY REPT. SEP 51-OCT 57.
FIELD 10: PERSONAL AUTHORS KASPER, W.P.; ZOECKLER, D.;
FIELD 11: REPORT DATE JUL 1958
FIELD 12: PAGINATION 51P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER 56-980-381
FIELD 15: CONTRACT NUMBER W-33-038-AC-14169, AF 33(600)-31948
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 256386 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME NORTH AMERICAN AVIATION INC LOS ANGELES CALIF
FIELD 6: UNCLASS. TITLE X-15 RESEARCH AIRCRAFT EMERGENCY ESCAPE SYSTEM
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS HEGENWALD, JAMES F. JR.; MADDEN, JEROME F.; PENROD, PAUL R.;

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FIELD 11: REPORT DATE DEC 1959
FIELD 12: PAGINATION 1V
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER 59 634
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 254234 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME THIOKOL CHEMICAL CORP DENVER N J REACTION MOTORS DIV
FIELD 6: UNCLASS. TITLE SECOND HOUR DURABILITY DEMONSTRATION OF XLR99-RM-1 ENGINE SERIAL NO. 102. VOLUME III
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS SEAMAN, R.W.; DAVIES, H.;
FIELD 11: REPORT DATE MAR 1961
FIELD 12: PAGINATION 1V
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 15: CONTRACT NUMBER AF 33(600)32248
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 254233 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME THIOKOL CHEMICAL CORP DENVER N J REACTION MOTORS DIV
FIELD 6: UNCLASS. TITLE SECOND HOUR DURABILITY DEMONSTRATION OF XLR99-RM-1 ENGINE SERIAL NO. 102. VOLUME II
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE MAR 1961
FIELD 12: PAGINATION 1V
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 254232 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME THIOKOL CHEMICAL CORP DENVER N J REACTION MOTORS DIV
FIELD 6: UNCLASS. TITLE SECOND HOUR DURABILITY DEMONSTRATION OF XLR99-RM-1 ENGINE SERIAL NO. 102. VOLUME I
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS SEAMAN, R.W.; DAVIES, H.;
FIELD 11: REPORT DATE MAR 1961
FIELD 12: PAGINATION 1V
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 250792 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME AIR FORCE INST OF TECH WRIGHT-PATTERSON AFB OHIO

PAGE	19	DNQ40L
FIELD 6:	UNCLASS. TITLE	STATIC STABILITY TEST OF A PLASTIC MODEL X-15 IN THE INSTITUTE OF TECHNOLOGY 13.5 INCH WIND TUNNEL
FIELD 9:	DESCRIPTIVE NOTE	
FIELD 10:	PERSONAL AUTHORS	GREUEL, ROBERT JEROME;
FIELD 11:	REPORT DATE	AUG 1959
FIELD 12:	PAGINATION	1V
FIELD 13:	SOURCE ACRONYM	
FIELD 14:	REPORT NUMBER	GAE 59 12
FIELD 15:	CONTRACT NUMBER	
FIELD 19:	MONITOR SERIES	
FIELD 20:	REPORT CLASS	U
FIELD 22:	ALPHA LIMITATIONS	
AD NUMBER	*****	250543 *****SCN-- DNQ40L
FIELD 5:	SOURCE NAME	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION WASHINGTON D C
FIELD 6:	UNCLASS. TITLE	LAUNCH CHARACTERISTICS OF THE X-15 RESEARCH AIRPLANE AS DETERMINED IN FLIGHT
FIELD 9:	DESCRIPTIVE NOTE	
FIELD 10:	PERSONAL AUTHORS	MATRANGA, GENE J.;
FIELD 11:	REPORT DATE	FEB 1961
FIELD 12:	PAGINATION	1
FIELD 13:	SOURCE ACRONYM	
FIELD 14:	REPORT NUMBER	TN D 723
FIELD 15:	CONTRACT NUMBER	
FIELD 19:	MONITOR SERIES	
FIELD 20:	REPORT CLASS	U
FIELD 22:	ALPHA LIMITATIONS	
AD NUMBER	*****	238380 *****SCN-- DNQ40L
FIELD 5:	SOURCE NAME	GENERAL ELECTRIC CO SCHENECTADY N Y
FIELD 6:	UNCLASS. TITLE	THE ROLE OF POLYGONIZATION IN CREEP
FIELD 9:	DESCRIPTIVE NOTE	
FIELD 10:	PERSONAL AUTHORS	GUARD, R.W.;
FIELD 11:	REPORT DATE	MAR 1959
FIELD 12:	PAGINATION	1V
FIELD 13:	SOURCE ACRONYM	
FIELD 14:	REPORT NUMBER	
FIELD 15:	CONTRACT NUMBER	AF33 616 3263
FIELD 19:	MONITOR SERIES	TR59 279
FIELD 20:	REPORT CLASS	U
FIELD 22:	ALPHA LIMITATIONS	
AD NUMBER	*****	233340 *****SCN-- DNQ40L
FIELD 5:	SOURCE NAME	NAVAL AIR DEVELOPMENT CENTER JOHNSVILLE PA AVIATION MEDICAL ACCELERATION LAB
FIELD 6:	UNCLASS. TITLE	CENTRIFUGE SIMULATION OF THE X-15 RESEARCH AIRCRAFT
FIELD 9:	DESCRIPTIVE NOTE	
FIELD 10:	PERSONAL AUTHORS	CLARK, CARL C. ; WOODLING, C.H. ;
FIELD 11:	REPORT DATE	DEC 1959
FIELD 12:	PAGINATION	1V
FIELD 13:	SOURCE ACRONYM	
FIELD 14:	REPORT NUMBER	5916 5916
FIELD 15:	CONTRACT NUMBER	
FIELD 19:	MONITOR SERIES	
FIELD 20:	REPORT CLASS	U
FIELD 22:	ALPHA LIMITATIONS	

AD NUMBER ***** 231402 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME OHIO STATE UNIV RESEARCH FOUNDATION COLUMBUS
FIELD 6: UNCLASS. TITLE MECHANISM OF ACTION OF DEOXYRIBONUCLEASE
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS FRAJOLA, WALTER J.;
FIELD 11: REPORT DATE NOV 1959
FIELD 12: PAGINATION 1V
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 15: CONTRACT NUMBER AF18 603 125
FIELD 19: MONITOR SERIES TR59 188
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 223733 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME NATIONAL AERONAUTICS AND SPACE ADMINISTRATION WASHINGTON DC
FIELD 6: UNCLASS. TITLE CONTROLLABILITY OF THE X-15 RESEARCH AIRPLANE WITH INTERIM ENGINES DURING HIGH-ALTITUDE FLIGHTS.
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS HOLLEMAN, EUCLID C.; REISERT, DONALD
FIELD 11: REPORT DATE MAR 1961
FIELD 12: PAGINATION 21
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER TM-X-514
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS DISTRIBUTION: DDC USERS ONLY.

AD NUMBER ***** 140034 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME BELL AEROSPACE CORP BUFFALO N Y
FIELD 6: UNCLASS. TITLE SYSTEM 112A
FIELD 9: DESCRIPTIVE NOTE QUARTERLY PROGRESS REPT. 30 JUN 57.
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE JUN 1957
FIELD 12: PAGINATION 56P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER 56 981 021 49
FIELD 15: CONTRACT NUMBER W33 038AC14169
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 133093 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME BELL AEROSPACE CORP BUFFALO N Y
FIELD 6: UNCLASS. TITLE PROJECT MX-776. RASCAL WEAPON SYSTEM
FIELD 9: DESCRIPTIVE NOTE QUARTERLY PROGRESS REPT.
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE DEC 1956
FIELD 12: PAGINATION 1V
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER 56 981 021 47

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FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS
FIELD 22: ALPHA LIMITATIONS

W33 038AC14169

U

AD NUMBER ***** 131644 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME BELL AEROSPACE CORP BUFFALO N Y
FIELD 6: UNCLASS. TITLE SYSTEM 112A
FIELD 9: DESCRIPTIVE NOTE QUARTERLY PROGRESS REPT. FOR PERIOD ENDING 31 MAR 57.
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE MAR 1957
FIELD 12: PAGINATION 70P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER 56 981 021 48
FIELD 15: CONTRACT NUMBER W33 038AC14169
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 113976 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME BELL AEROSPACE CORP BUFFALO N Y
FIELD 6: UNCLASS. TITLE MX-776
FIELD 9: DESCRIPTIVE NOTE QUARTERLY PROGRESS REPT. 30 SEP 56.
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE SEP 1956
FIELD 12: PAGINATION 62P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER 56 981 021 46
FIELD 15: CONTRACT NUMBER W33 038AC14169
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 103822 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME BELL AEROSPACE CORP BUFFALO N Y
FIELD 6: UNCLASS. TITLE MX-776. RASCAL WEAPON SYSTEM
FIELD 9: DESCRIPTIVE NOTE QUARTERLY PROGRESS REPT. FOR 30 JUN 56.
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE JUN 1956
FIELD 12: PAGINATION 68P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER 56 981 021 45
FIELD 15: CONTRACT NUMBER W33 038AC14169
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 103418 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME BELL AEROSPACE CORP BUFFALO N Y
FIELD 6: UNCLASS. TITLE PROJECT MX-776. RASCAL WEAPON SYSTEM
FIELD 9: DESCRIPTIVE NOTE QUARTERLY PROGRESS REPT.
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE MAR 1956

PAGE 22 DNQ40L
FIELD 12: PAGINATION
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS
FIELD 22: ALPHA LIMITATIONS

82P
BMPR 44
W33 038AC14169
U

AD NUMBER ***** 078360 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME
FIELD 6: UNCLASS. TITLE
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE
FIELD 12: PAGINATION
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS
FIELD 22: ALPHA LIMITATIONS

BELL AEROSPACE CORP BUFFALO N Y
PROJECT MX-776. RASCAL WEAPON SYSTEM
QUARTERLY PROGRESS REPT. NO. 42.
SEP 1955
70P
S-69015, BMPR-42
W33 038AC14169
U

AD NUMBER ***** 078199 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME
FIELD 6: UNCLASS. TITLE
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE
FIELD 12: PAGINATION
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS
FIELD 22: ALPHA LIMITATIONS

BELL AEROSPACE CORP BUFFALO N Y
PROJECT MX-776
QUARTERLY RELIABILITY REPT. NO. 107.
DIAMOND, LUCILLE R.; MAIER, LUCILLE F.; ASBURY, H.;
AUG 1955
56P
W33 038AC14169
U

AD NUMBER ***** 062915 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME
FIELD 6: UNCLASS. TITLE
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE
FIELD 12: PAGINATION
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS
FIELD 22: ALPHA LIMITATIONS

BELL AEROSPACE CORP BUFFALO N Y
PROJECT MX-776. RASCAL WEAPON SYSTEM.
QUARTERLY PROGRESS REPT. 31 MAR 55.
MAR 1955
70P
BMPR-40
W33 038AC14169
U

AD NUMBER ***** 054763 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME
FIELD 6: UNCLASS. TITLE

BELL AEROSPACE CORP BUFFALO N Y
RASCAL WEAPON SYSTEM

PAGE 23 DNQ40L
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE
FIELD 12: PAGINATION
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS
FIELD 22: ALPHA LIMITATIONS

DEC 1954
1V
BMPR 39
W33 038AC14169Z700038AC14169
U

AD NUMBER ***** 049294 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME NEW MEXICO MILITARY INST ROSWELL
FIELD 6: UNCLASS. TITLE IS THERE A BASIC DIFFERENCE BETWEEN WING TIP TOWING AND THE SKY TRAIN
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS HOLLAND, RAY JR.;
FIELD 11: REPORT DATE JAN 1953
FIELD 12: PAGINATION 1V
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 046714 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME BELL AEROSPACE CORP BUFFALO N Y
FIELD 6: UNCLASS. TITLE RASCAL WEAPON SYSTEM
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE SEP 1954
FIELD 12: PAGINATION 66P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER BMPR 38
FIELD 15: CONTRACT NUMBER W33 038AC14169
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 037786 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME BELL AEROSPACE CORP BUFFALO N Y
FIELD 6: UNCLASS. TITLE PROJECT MX-776 RASCAL WEAPON SYSTEM
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE JUN 1954
FIELD 12: PAGINATION 1
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 15: CONTRACT NUMBER W33 038AC14169
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 034372 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME AEROPLANE AND ARMAMENT EXPERIMENTAL ESTABLISHMENT BOSCOMBE DOWN (ENGLAND)
FIELD 6: UNCLASS. TITLE
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE NOV 1953
FIELD 12: PAGINATION 1V
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER 819 I P19
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS R
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 034259 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME AEROPLANE AND ARMAMENT EXPERIMENTAL ESTABLISHMENT BOSCOMBE DOWN (ENGLAND)
FIELD 6: UNCLASS. TITLE
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE MAY 1954
FIELD 12: PAGINATION 1
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER 819 I P11
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS R
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 030596 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME BELL AEROSPACE CORP BUFFALO N Y
FIELD 6: UNCLASS. TITLE PROJECT MX-776 RASCAL WEAPON SYSTEM
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE MAR 1954
FIELD 12: PAGINATION 1V
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 15: CONTRACT NUMBER W33 038AC14169
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 027839 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME AEROPLANE AND ARMAMENT EXPERIMENTAL ESTABLISHMENT BOSCOMBE DOWN (ENGLAND)
FIELD 6: UNCLASS. TITLE
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE NOV 1953
FIELD 12: PAGINATION 1V
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER 819 I P17
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS R

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FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 025407 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME BELL AEROSPACE CORP BUFFALO N Y
FIELD 6: UNCLASS. TITLE PROJECT RASCAL. XB-63 PILOTLESS PARASITE BOMBER
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE DEC 1953
FIELD 12: PAGINATION 1V
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER BMPR 35
FIELD 15: CONTRACT NUMBER W33 038AC14169
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 022442 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME BELL AEROSPACE CORP BUFFALO N Y
FIELD 6: UNCLASS. TITLE PROJECT RASCAL. XB-63 PILOTLESS PARASITE BOMBER
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE SEP 1953
FIELD 12: PAGINATION 1
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER BMPR 34
FIELD 15: CONTRACT NUMBER W33 038AC14169
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 016629 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME BELL AEROSPACE CORP BUFFALO N Y
FIELD 6: UNCLASS. TITLE PROJECT RASCAL. XB-63 PILOTLESS PARASITE BOMBER
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE JUN 1953
FIELD 12: PAGINATION 1
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER BMPR 33
FIELD 15: CONTRACT NUMBER W33 038AC14169
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 016374 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME ARMY BIOLOGICAL LABS FREDERICK MD
FIELD 6: UNCLASS. TITLE OPERATIONAL SUITABILITY TEST OF THE RB-36/F-84 PARASITE AIRCRAFT SYSTEM (PHASE I.)
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE APR 1953
FIELD 12: PAGINATION 1
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER SOS88GOA

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FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS
FIELD 22: ALPHA LIMITATIONS

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AD NUMBER ***** 016238 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME AEROPLANE AND ARMAMENT EXPERIMENTAL ESTABLISHMENT BOSCOMBE DOWN (ENGLAND)
FIELD 6: UNCLASS. TITLE VAMPIRE 5, VX.985 (GOBLIN 2) PERFORMANCE AND HANDLING TOWING AN R.F.D. WING TARGET
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE MAY 1953
FIELD 12: PAGINATION 1
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER 819 E T P2
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 011732 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME GENERAL DYNAMICS CORP FORT WORTH TX
FIELD 6: UNCLASS. TITLE PROJECT FICON
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS ROBERTS, J.H.
FIELD 11: REPORT DATE OCT 1952
FIELD 12: PAGINATION 1
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS DISTRIBUTION CONTROLLED. ALL REQUESTS TO HQ USAF/PAO, WASHINGTON, D.C.

AD NUMBER ***** 011510 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME GENERAL DYNAMICS CORP FORT WORTH TX
FIELD 6: UNCLASS. TITLE (PROJECT) FICON
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE AUG 1952
FIELD 12: PAGINATION 1
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 15: CONTRACT NUMBER AF33 038 19948
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS DISTRIBUTION/AVAILABILITY; MICROFICHE COPIES ONLY.

AD NUMBER ***** 011509 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME GENERAL DYNAMICS CORP FORT WORTH TX
FIELD 6: UNCLASS. TITLE PROJECT FICON
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE JUL 1952

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FIELD 12: PAGINATION 1
 FIELD 13: SOURCE ACRONYM
 FIELD 14: REPORT NUMBER
 FIELD 15: CONTRACT NUMBER AF33 038 19948
 FIELD 19: MONITOR SERIES
 FIELD 20: REPORT CLASS U
 FIELD 22: ALPHA LIMITATIONS DISTRIBUTION AUTHORIZED TO U.S. GOV'T. AGENCIES AND THEIR CONTRACTORS;
 SPECIFIC AUTHORITY; 19 JUN 98. OTHER REQUESTS SHALL BE REFERRED TO WRIGHT
 AIR DEVELOPMENT CENTER, WRIGHT-PATTERSON AFB, OH

AD NUMBER ***** 011508 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME GENERAL DYNAMICS CORP FORT WORTH TX
 FIELD 6: UNCLASS. TITLE PROJECT FICON
 FIELD 9: DESCRIPTIVE NOTE
 FIELD 10: PERSONAL AUTHORS
 FIELD 11: REPORT DATE JAN 1952
 FIELD 12: PAGINATION 1
 FIELD 13: SOURCE ACRONYM
 FIELD 14: REPORT NUMBER
 FIELD 15: CONTRACT NUMBER AF33 038 19948
 FIELD 19: MONITOR SERIES
 FIELD 20: REPORT CLASS U
 FIELD 22: ALPHA LIMITATIONS DISTRIBUTION CONTROLLED. ALL REQUESTS TO HQ USAF/PAO, WASHINGTON, D.C.

AD NUMBER ***** 011507 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME GENERAL DYNAMICS/FORT WORTH TEX
 FIELD 6: UNCLASS. TITLE PROJECT FICON
 FIELD 9: DESCRIPTIVE NOTE
 FIELD 10: PERSONAL AUTHORS
 FIELD 11: REPORT DATE DEC 1951
 FIELD 12: PAGINATION 1
 FIELD 13: SOURCE ACRONYM
 FIELD 14: REPORT NUMBER
 FIELD 15: CONTRACT NUMBER AF33 038 19948
 FIELD 19: MONITOR SERIES
 FIELD 20: REPORT CLASS U
 FIELD 22: ALPHA LIMITATIONS DISTRIBUTION: FURTHER DISSEMINATION ONLY AS DIRECTED BY HQ USAF/PAO,
 WASHINGTON, DC 20330.

AD NUMBER ***** 011276 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME REPUBLIC AVIATION CORP FARMINGDALE N Y
 FIELD 6: UNCLASS. TITLE PROJECT FICON. ICING PROTECTION AND COMPARTMENT HEATING. PARASITE RF-84F AIRPLANE
 FIELD 9: DESCRIPTIVE NOTE
 FIELD 10: PERSONAL AUTHORS LONG,T.;
 FIELD 11: REPORT DATE NOV 1952
 FIELD 12: PAGINATION 1
 FIELD 13: SOURCE ACRONYM
 FIELD 14: REPORT NUMBER
 FIELD 15: CONTRACT NUMBER
 FIELD 19: MONITOR SERIES
 FIELD 20: REPORT CLASS U
 FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 011219 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME AEROPLANE AND ARMAMENT EXPERIMENTAL ESTABLISHMENT BOSCOMBE DOWN (ENGLAND)
FIELD 6: UNCLASS. TITLE VAMPIRE T MARK 11 WZ. 417 (GOBLIN 35) BRIEF HANDLING TESTS AT AN EXTENDED AFT C. G. (26 PERCENT S. M. C.) AND FURTHER TESTS AT HIGHER MACH NUMBERS
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE MAR 1953
FIELD 12: PAGINATION 1V
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER 819 I P14
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS C
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 010755 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME BELL AEROSPACE CORP BUFFALO N Y
FIELD 6: UNCLASS. TITLE PROJECT RASCAL, PROJECT SHRIKE
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE MAR 1953
FIELD 12: PAGINATION 1V
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER
FIELD 15: CONTRACT NUMBER W33 038AC14169
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 005692 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME BOEING CO SEATTLE WASH
FIELD 6: UNCLASS. TITLE MOCKUP INSPECTION, MODEL DB-47B (UNCLASSIFIED)
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS HAUGEN, VICTOR R.;
FIELD 11: REPORT DATE DEC 1952
FIELD 12: PAGINATION 45P
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER D 13743
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS

AD NUMBER ***** 003526 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME GENERAL DYNAMICS CORP FORT WORTH TX
FIELD 6: UNCLASS. TITLE STRUCTURAL DESIGN LOADS FOR LAUNCHING, RETRIEVING, AND STOWING A YF-84F PARASITE FIGHTER ON AN RB-36 AIRPLANE - PROJECT MX-1602
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS HENSLEY, E. K.; RIVEDAL, J. C.; COX, R. L.
FIELD 11: REPORT DATE JAN 1953
FIELD 12: PAGINATION 80
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER FZS-36-396-ADD-2
FIELD 15: CONTRACT NUMBER AF 33(038)-19948

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FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS
FIELD 22: ALPHA LIMITATIONS

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DISTRIBUTION AUTHORIZED TO U.S. GOV'T. AGENCIES AND THEIR CONTRACTORS;
SPECIFIC AUTHORITY; 28 AUG 2000. OTHER REQUESTS SHALL BE REFERRED TO HQ. DEPT.
OF AIR FORCE, WASHINGTON, DC.

AD NUMBER ***** 003295 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME WRIGHT AIR DEVELOPMENT CENTER WRIGHT-PATTERSON AFB OH
FIELD 6: UNCLASS. TITLE PILOT COMMENTS AND SUMMARY OF A QUALITATIVE EVALUATION OF A PROTOTYPE PARASITE FIGHTER
LAUNCHING AND RETRIEVING TRAPEZE MECHANISM INSTALLED ON A RB-36F AND F-84E
COMBINATION
FIELD 9: DESCRIPTIVE NOTE TECHNICAL NOTE
FIELD 10: PERSONAL AUTHORS ANDERSON, CLARENCE E.
FIELD 11: REPORT DATE DEC 1952
FIELD 12: PAGINATION 45
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER TN-WCT-52-62
FIELD 15: CONTRACT NUMBER
FIELD 19: MONITOR SERIES WADC
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS DISTRIBUTION AUTHORIZED TO U.S. GOV'T. AGENCIES AND THEIR CONTRACTORS;
ADMINISTRATIVE/OPERATIONAL USE; DEC 1952. OTHER REQUESTS SHALL BE REFERRED TO
WRIGHT AIR DEVELOPMENT CENTER, WRIGHT-PATTERSON AFB, OH 45433.

AD NUMBER ***** 002908 *****SCN-- DNQ40L

FIELD 5: SOURCE NAME BELL AEROSPACE CO BUFFALO NY
FIELD 6: UNCLASS. TITLE PREPRODUCTION REDESIGN, PLANNING, AND TOOLING FOR B-63 RASCAL PILOTLESS PARASITE
BOMBER PILOT LINE
FIELD 9: DESCRIPTIVE NOTE PROGRESS REPT. NO. 11, 1 OCT-30 NOV 1952
FIELD 10: PERSONAL AUTHORS RANE, JOHN W., JR
FIELD 11: REPORT DATE NOV 1952
FIELD 12: PAGINATION 26
FIELD 13: SOURCE ACRONYM
FIELD 14: REPORT NUMBER S-1803
FIELD 15: CONTRACT NUMBER AF 33(038)-20402
FIELD 19: MONITOR SERIES USAF
FIELD 20: REPORT CLASS U
FIELD 22: ALPHA LIMITATIONS DISTRIBUTION AUTHORIZED TO U.S. GOV'T. AGENCIES AND THEIR CONTRACTORS; SPECIFIC
AUTHORITY; 30 NOV 1952. OTHER REQUESTS SHALL BE REFERRED TO DEPARTMENT OF THE
AIR FORCE, ATTN: PUBLIC AFFAIRS OFFICE WASHINGTON, DC, 20330.