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DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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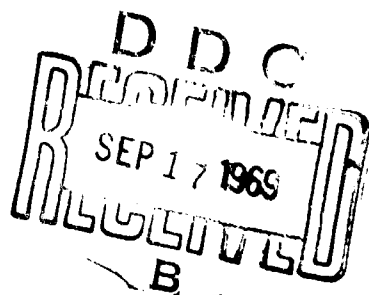
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A handwritten signature in dark ink, appearing to read 'S. E. Blum', with a stylized, cursive script.

S. E. BLUM
Director of Management Systems

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BOEING CO, AIRPLANE DIV., RENTON, WASH.
FEASIBILITY STUDY OF SHIELDING
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FINAL REPORT. 1 JUNE 1963
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OFFICIAL USE ONLY
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GENERAL DISTRIBUTION
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REMOTE CONTROL SYSTEMS
INPUT-OUTPUT DEVICES
IBM 709

68 00079 NAT U
03-A
ROSEN, M. H.
COMPUTER SERVICES, INC., ENGLEWOOD, N. J.
THE ADVANCED CONCEPTS EVALUATOR /ACE/
CONTROLLER ACTIVITY ROUTINES.# TECHNICAL
MEMO.
GENERAL DISTRIBUTION
JUN 1967, 9 P, ILLUS
ACE-TM-2
SIMULATION
AIR TRAFFIC CONTROL SYSTEMS
AIR TRAFFIC CONTROLLERS
JOB ANALYSIS
ACE /ADVANCED CONCEPTS EVALUATOR/

68 00080 NAT U
03-D
KATZ, E.
COMPUTER SERVICES, INC., ENGLEWOOD, N. J.
A GUIDE TO THE METHOD OF CONFLICT
PREDICTION UNDER ANC RULES AS IMPLEMENTED
IN THE ACE PROGRAM.# TECHNICAL MEMO.
GENERAL DISTRIBUTION
FEB 1960, 10 P, ILLUS, REFS
CSI-TM-1
AIR TRAFFIC CONTROL SYSTEMS
AIRCRAFT
SEPARATION
MATHEMATICAL MODELS
ACE /ADVANCE CONCEPTS EVALUATOR/

68 00081 NAT U
03-F
ROSEN, M.
KATZ, E.
BURT, R. A.
COMPUTER SERVICES INC., ENGLEWOOD, N. J.
AIRCRAFT KINEMATICS ROUTINE.#
GENERAL DISTRIBUTION
JUL 1960, 61 P, ILLUS, BIBS
FAA/BRD-95
AIRCRAFT
MECHANICS
SIMULATION
AIR ROUTES
UPDATING /COMPUTERS/
AIR TRAFFIC CONTROL SYSTEMS
ACE /ADVANCED CONCEPTS EVALUATOR/
KINEMATICS
FLIGHT CHARACTERISTICS

68 00082 NAT U
13-B
WALLACE, W. M., DR.
BOEING CO. AIRPLANE DIV., RENTON, WASH.
THE DEMAND FOR AIRLINE TRAVEL.#
GENERAL DISTRIBUTION
APR 1964, 75 P, ILLUS
AIR CARRIERS
AIR TRANSPORTATION
ECONOMICS
PASSENGERS
MATHEMATICAL PREDICTION
TRANSOCEANIC
MATHEMATICAL PRODUCTION
TRANSOCEANIC
USER CHARGES /FARES/

68 00083 NAT U
11
ISHLINSKIY, A. Y.
AIR FORCE SYSTEMS COMMAND. FOREIGN TECHNOLOGY
DIV., WRIGHT-PATTERSON AFB, OHIO.
IDEAS OF THE INVARIANCE THEORY AND
INERTIAL NAVIGATION.# TRANSLATION FROM
RUSSIAN.
GENERAL DISTRIBUTION
AUG 1967, 16 P, ILLUS, REFS
FTD-MT-67-L9
AD-659 316
INERTIAL NAVIGATION
THEORY
CONTROL SYSTEMS
AUTOMATIC
GYROSCOPES
SATELLITES /ARTIFICIAL/

68 00084 NAT U
09-D
FILIMONOV, S. S.
KRYUKOVA, M. G.
TEPLOV, S. V.
AIR FORCE SYSTEMS COMMAND. FOREIGN
TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO.
ALUMINUM AS A HIGH-TEMPERATURE HEAT-
TRANSFER AGENT.# TRANSLATION FROM
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AUG 1967, 26 P, ILLUS, TABLES, REFS
FTD-MT-67-49
AD-659 315
ALUMINUM
HEAT TRANSFER
HEAT-RESISTANT METALS & ALLOYS
HEAT EXCHANGERS
GRAPHITE

68 00085 NAT U
01-G
POLYAKOV, M. B.
SMYERBAK, Y. S.
AIR FORCE SYSTEMS COMMAND. FOREIGN
TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO.
A THIN PROFILE OF A SUPERSONIC WING WITH
MINIMUM AVERAGE HEAT TRANSFER COEFFICIENT AT
GIVEN AERODYNAMIC CHARACTERISTICS.#
TRANSLATION FROM RUSSIAN.
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AD-659 272
AERODYNAMIC CHARACTERISTICS
SUPERSONIC FLOW
WINGS
HEAT TRANSFER
AERODYNAMIC HEATING

68 00086 NAT U
06-S
ILIFF, R. L.
BARKLEY AND DEXTER LABS., INC.,
FITCHBURG, MASS.
AIR FORCE CAMBRIDGE RESEARCH LABS., L. G.
HANSCOM FIELD, BEDFORD, MASS.
LASER ACTIVITIES AND BACKGROUND
RADIATION STUDIES.#
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AFCL-64-1003
AD-609 759
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RADIATION EFFECT
CAVITATION
RANGES /DISTANCE/
MEASUREMENT
NOISE
DETECTION
GEODESICS

68 00087 NAT U
02-H
SATO, C.
NATIONAL SCIENCE FOUNDATION, WASHINGTON, D. C.
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TR-EE 67-2
PB-174 302
GYROSCOPES
OSCILLATION
DIFFERENTIAL EQUATIONS

68 00088 NAT U
07-F
MUNT, P. W.
KNELLER, P. G.
GT. BRIT. MINISTRY OF DEFENSE, LONDON.
SUPERSONIC TRANSPORT ATC SIMULATION
TRIAD.#
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MAY 1967, 40 P, ILLUS, TABLES, BIBS
ATCEU-R248
SUPERSONIC TRANSPORTS
AIR TRAFFIC CONTROLLERS
CONTROL SIMULATORS
ATC ENROUTE
CONCORDE AIRCRAFT

68 00089 NAT U
09-G
PACE, G. M.
ARMY, CORPS OF ENGINEERS, OHIO RIVER DIV.
LABS., CINCINNATI.
EVALUATION OF THE DYNAFLECT FOR THE
NON-DESTRUCTIVE TESTING OF PORTLAND
CEMENT CONCRETE PAVEMENTS.#
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AD-659 411
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CEMENTS
CONCRETE
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MEASURING DEVICES /ELECTRICAL AND ELEC
TEST METHODS
LOADING /MECHANICS/
JOINTS
FRACTURE /MECHANICS/
DYNAFLECT

68 00090 NAT U
01-D
BELSTERLING, C. A.
ARMY AVIATION MATERIEL LABS.,
FORT EUSTIS, VA.
FLUIDIC SYSTEMS DESIGN MANUAL.#
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DA44-177-AMC-390/T/
TASK-IF121401A14186
USAAVLABS-TR-67-32
AD-659 415
DESIGN
HANDBOOKS
STANDARDS
TEST METHODS
SENSING ELEMENTS
AMPLIFIERS
ACTUATORS
FLUID MECHANICS

68 00091 NAT U
06-S
RIZY, E. F., 1ST/LT.
ROME AIR DEVELOPMENT CENTER,
GRIFFISS AFB, N. Y.
DICHROIC FILTER SPECIFICATION FOR
COLOR ADDITIVE DISPLAYS.# FINAL REPORT
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TASK-559705
RADC-TR-67-513
AD-659 346
DISPLAY SYSTEMS
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BRIGHTNESS
OPTICAL FILTERS
COATINGS
COLORIMETRY

68 00092 NAT U
06-H
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MICROWAVE EQUIPMENT
SYNTHESIS
DELAY
FILTERS /ELECTROMAGNETIC WAVE,

68 00093 NAT U
01-B
BLACK, L. A.
TIMOTHY, H. J.
RUCCIA, P. M.
MECHSLER, A. E.
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ADMINISTRATION, WASHINGTON, D. C.
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A SURVEY.
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NASA-SP-4027
N67-10500
THERMAL INSULATION
HEAT TRANSFER
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PROTECTIVE TREATMENTS
ADHESIVES
HIGH-TEMPERATURE RESEARCH
CRYOGENICS
SPACECRAFT
LIQUIDIFIED GASES
ELECTRICITY
ELECTRONIC EQUIPMENT
REDLINE
MEASUREMENT
AIRFRAMES

68 00094 NAT U
08-D
MEISTER, D.
SULLIVAN, D.
BUNKER-RAND CORP., CANOGA PARK, CALIF.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
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SYSTEM.#
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NASA-CR-918
N67-40083
INFORMATION RETRIEVAL
SYSTEMS ENGINEERING
ANALYSIS

68 00095 NAT U
07-C
LEVISON, W. H.
ELKIND, J. I.
BOLT, BERANEK AND NEWMAN, INC.,
CAMBRIDGE, MASS.
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION, AMES RESEARCH CENTER,
MOFFETT FIELD, CALIF.
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N67-39978
CONTROL SYSTEMS
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OPTICAL SCANNING
VISION
TEST METHODS
HUMAN ENGINEERING
PERIPHERAL VISION

68 00096 NAT U
09-G
ISAKSON, G.
ARMEN, H., JR.
PIFKO, A.
GRUMAN AIRCRAFT ENGINEERING CORP.,
BETHPAGE, N. Y.
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION, LANGLEY RESEARCH CENTER,
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PLASTIC ANALYSIS OF STRUCTURES.#
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FAILURE /MECHANICS/
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BUCKLING /MECHANICS/
THEORY
AIRFRAMES
LOADING /MECHANICS/
MATHEMATICAL ANALYSIS

68 00097 NAT U
01-C
STAINBACK, P. C.
WEINSTEIN, L. M.
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N67-40368
AERODYNAMIC HEATING
HYPERSONIC FLOW
FRICTION
SURFACE PROPERTIES
HEAT TRANSFER
FLUID FLOW
WING-BODY CONFIGURATIONS
CORNER FLOW CONFIGURATION

68 00098 NAT U
06-F
RIEGL, R. C.
ELECTRONICS RESEARCH CENTER,
CAMBRIDGE, MASS.
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ART IN GUIDANCE COMPUTER MEMORIES.#
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N67-40319
COMPUTER STORAGE DEVICES
MAGNETIC CORES
WIRE
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FERRITES
INTEGRATED CIRCUITS
DIGITAL COMPUTERS
SPECIAL PURPOSE COMPUTERS

68 00099 NAT U
01-C
YATES, E. C., JR.
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SUBSONIC AND SUPERSONIC FLUTTER
ANALYSIS OF A HIGHLY TAPERED
SWEPT-WING PLANFORM, INCLUDING EFFECTS OF
DENSITY VARIATION AND FINITE WING THICKNESS,
AND COMPARISON WITH EXPERIMENT.#
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N67-40150
SUBSONIC FLOW
SUPERSONIC FLOW
FLUTTER
SWEPT WINGS
DENSITY
THICKNESS
THEORY
WIND TUNNELS
ANALYSIS

68 00100 NAT U
01-D
KIRK, J. V.
MOHBER, B. K.
MALL, L. P.
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION, AMES RESEARCH CENTER,
MOFFETT FIELD, CALIF.
LARGE-SCALE WIND-TUNNEL INVESTIGATION
OF A V/STOL TRANSPORT MODEL WITH WING-
MOUNTED LIFT FANS AND FUSELAGE-MOUNTED
LIFT-CRUISE ENGINES FOR PROPULSION.#
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NASA-TN-D-4233
N67-40198
WIND TUNNELS
VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
JET ENGINES
PROPULSION
WING-BODY CONFIGURATIONS
FANS
LIFT
CRUISING
FAN-IN-WING
ENGINES-IN-FUSELAGE

68 00101 NAT U
10-C
AIR WEATHER SERVICE, SCOTT AFB, ILL.
METEOROLOGICAL CODES.#
GENERAL DISTRIBUTION
SEP 1967, 133 P, ILLUS, TABLES
ANSM-105-24
AD-822 452L
WEATHER COMMUNICATIONS
COMPUTERS
WEATHER FORECASTING
CODING

68 00102 R NAT U
03-C
MULLER, J. A.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER.
TEST AND EVALUATION DIV., ATLANTIC CITY.
WEATHER EFFECTS ON VORTAC FACILITIES
TACAN MONITOR ANTENNA TESTS.# FINAL
REPORT.
GENERAL DISTRIBUTION
AUG 1967, 24 P, ILLUS
PROJ-330-001-034
FAA-RD-67-6
AD-661 241
FEDERAL AVIATION ADMINISTRATION
ANTENNAS
SNOW REMOVAL
ICE
HEATING
TECHNIQUES
MONITORS
RADIO NAVIGATION
VORTAC
TACAN

68 00103 NAT U
02-1
RELLROUSE, F. C., DR.
BUREAU OF SPORT FISHERIES AND WILDLIFE,
WASHINGTON, D. C.
FEDERAL AVIATION ADMINISTRATION,
SYSTEMS RESEARCH AND DEVELOPMENT SERVICE,
WASHINGTON, D. C.
ESTABLISHING CERTAIN PARAMETERS OF
HAZARDS TO AIRCRAFT BY MIGRATING BIRDS
IN THE MISSISSIPPI FLYWAY.#
INTERIM REPORT.
GENERAL DISTRIBUTION
NOV 1967, 74 P, ILLUS
FAA-SHA1-77
PROJ-430-011-016
SRDS-RD-67-67
AD-661 241
BIRDS
HAZARDS
AVIATION ACCIDENTS
COLLISION AVOIDANCE
MISSISSIPPI FLYWAY

68 00104 NAT U
09-C
MICHAEL, H. J.
ACKER, D. G.
NORTH AMERICAN AVIATION, INC.,
COLUMBUS, OHIO.
AIRCRAFT COATING, TESTING AND
EVALUATION.# FOURTH INTERIM ENGINEERING
REPORT.
GOVERNMENT AGENCIES ONLY
JUN 1967, 54 P, ILLUS, TABLES
AF33/6157-40
NA67H-645
AD-R18 128
SUPERSONIC PLANE
COATINGS
TEST METHODS
EROSION
ABRASIVES
LEADING EDGES
COMPRESSORS
DUCT INLETS
CERAMIC COATINGS
ORGANIC COATINGS
METAL COATINGS

68 00105 NAT U
09-C
UNITED STATES DEPARTMENT OF
ADMISSION PROPERTIES OF POLYMER
ADVANCED STEEL FOR
GOVERNMENT AGENCIES ONLY
JUL 1967, 60 P, ILLUS
PROJ-34472-1201
TN-664
AD-R18 6891
ADHESION
GLUES
STEEL
MAINTENANCE
TOWERS
CHEMICAL PROPERTIES
VINYL PAINTS
PAINTS

68 00106 NAT U
09-C
PROHIBITED, C. V.
NAVAL CIVIL ENGINEERING LAB.,
PORT HENRI, CALIF.
COMPARATIVE PERFORMANCE OF AUTOMOBILE
REFRESHING PAINTS.#
OFFICIAL USE ONLY
JUL 1967, 14 P, 2 REFS
TN-408
AD-R18 624
PASSENGER VEHICLES
PAINTS

68 00107 NAT U
13-A
SHERILL, J. C.
DEPARTMENT OF DEFENSE, WASHINGTON, D. C.
CATALOGUE OF TRANSPORTATION PLANNING
SYSTEMS.#
GOVERNMENT AGENCIES ONLY
JUL 1967, 310 P, REFS
SMAH-491-67
AD-R18 5651
TRANSPORTATION
DECISION MAKING
DESIGN
DATA
OPERATION
SYSTEMS ENGINEERING
SMAH /SPECIAL ASSISTANT TO JOINT CHIEFS OF
STAFF FOR STRATEGIC MOBILITY/

68 00108 NAT U
06-D
JONES, C. H.
MAREK, A. J.
BATES, H. S.
DICKY, L. D.
LING-TENG-VOUGHT, INC. AERONAUTICAL DIV.,
AL. FORD PROPULSION LAB.,
WRIGHT PATTERSON AFB, OHIO.
EXPLORATORY DEVELOPMENT PROGRAM TO
PROVE THE FEASIBILITY OF SOLID-STATE
SWITCHING FOR A COMPLEX ELECTRICAL CONTROL
NETWORK.#
NO FOREIGN
JUL 1967, 230 P, ILLUS
AFAP1-TR-67-84
AD-R18 554
DESIGN
FEASIBILITY STUDIES
SOLID STATE PHYSICS
NETWORKS
LANDING AIDS
FLIGHT TESTING
TESTING METHODS
SENSING ELEMENTS
SWITCHING CIRCUITS
WAFING SYSTEM

68 00109 NAT U
06-C
ADVANCED TECHNOLOGY CORP., TIMONIUM, MD.
ROME AIR DEVELOPMENT CENTER,
GRIFFISS AFB, N. Y.
RADAR IMAGING.B FINAL REPORT.
NO FOREIGN
JUL 1967, 130 P, ILLUS, TABLES
AF30/602/-4134
RADC-TR-67-490
AD-818 504
RADAR IMAGES
RADAR ANTENNAS
RADAR TARGETS
ILLUMINATION
DESIGN
MODEL TESTS

68 00110 NAT U
06-C
LYONS, B. J.
SANDERS, M. J., JR.
BENDIX CORP. COMMUNICATIONS DIV.,
BALTIMORE.
ROME AIR DEVELOPMENT CENTER,
GRIFFISS AFB, N. Y.
ADAPTIVE TECHNIQUES FOR PHASED ARRAYS.B
FINAL REPORT.
NO FOREIGN
JUL 1967, 144 P, ILLUS, 41 REFS
AF30/602/-4188
RADC-TR-67-294
AD-818 327
RADAR ANTENNAS
ANTENNA CONFIGURATIONS
RADAR TARGETS
RADAR SIGNALS
WAVE TRANSMISSION
SYNTHESIS
WAVEFORM GENERATORS
RADAR CLUTTER

68 0111 NAT U
06-B
VAN DE VAART, M.
SPERRY RAND RESEARCH CENTER, SUDBURY, MASS.
ROME AIR DEVELOPMENT CENTER,
GRIFFISS AFB, N. Y.
INTEGRATED SOLID STATE TIME DELAY
AMPLIFIER.B
NO FOREIGN
JUN 1967, 34 P, ILLUS, 2 REFS
F10602-67-C-0106
RADC-TR-67-253
AD-817 783
SOLID STATE PHYSICS
AMPLIFIERS
DELAY
MAGNETIC FIELDS
MICROWAVE FREQUENCY
MAGNETOELASTIC WAVE

68 00112 NAT U
06-M
FREUDENTHAL, A. M.
COLUMBIA UNIV., NEW YORK, DEPT. OF CIVIL
ENGINEERING.
RESEARCH AND TECHNOLOGY DIV. AIR FORCE
MATERIALS LAB., WRIGHT-PATTERSON AFB, OHIO.
RELIABILITY ANALYSIS BASED ON TIME
TO FIRST FAILURE.B
NO FOREIGN
MAY 1967, 37 P, ILLUS, 14 REFS
AF30/674/-8741
AFML-TR-67-149
AD-817 919
RELIABILITY
FAILURE MECHANISMS/
ELECTRONIC EQUIPMENT
MATHEMATICAL ANALYSIS

68 00113 NAT U
02-K
EARL, T. D.
BELL AEROSYSTEMS CO., BUFFALO.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
AIR CUSHION LANDING GEAR FEASIBILITY
STUDY.B
NO FOREIGN
MAY 1967, 173 P, ILLUS, TABLES, & REFS
AF30/619/-3296
AFDL-TR-67-32
AD-817 927
LANDING AIDS
FEASIBILITY STUDIES
PNEUMATIC SYSTEMS
TAKE-OFF
LANDING
WIND TUNNEL MODELS
DESIGN
AIR CUSHION

68 00114 NAT U
07-G
DEPARTMENT OF DEFENSE, WASHINGTON, D. C.
PROJECT PRIME.B
GENERAL DISTRIBUTION
MAY 1966, 150 P, ILLUS
AD-806 766
BUDGETS
DECISION MAKING
MANAGEMENT ENGINEERING
DEPARTMENT OF DEFENSE
PROJECT PRIME

68 00115 NAT U
07-G
DEPARTMENT OF DEFENSE, WASHINGTON, D. C.
PROJECT PRIME.B SUPPLEMENTAL MATERIAL.
NO FOREIGN
APR 1967, 160 P, TABLES
AD-817 696
BUDGETS
DECISION MAKING
MANAGEMENT ENGINEERING
DEPARTMENT OF DEFENSE
ECONOMICS
PROJECT PRIME

68 00116 NAT U
06-A
COHEN, A. I.
CORNELL UNIV., ITHACA, N. Y. ELECTRICAL
ENGINEERING RESEARCH LAB.
DESIGN OF CONTINUOUSLY VARIABLE DELAY
LINE.B
NO FOREIGN
MAY 1967, 35 P, ILLUS, 9 REFS
DASH-039- MC-00034/E/
EERL-RR-71
EERL TR-9
AD-817 497
DESIGN
DELAY LINES
MODEL TESTS
AMPLIFIERS
CIRCUITS
SIMULATION
DIGITAL COMPUTERS
THEORY

68 00117 NAT U
06-E
VENA, P. A.
COLLINS RADIO CO., NEWPORT BEACH, CALIF.
ROME AIR DEVELOPMENT CENTER,
GRIFFISS AFB, N. Y.
HF ADAPTIVE MODEL AIR-TO-GROUND TEST.#
NO FOREIGN
OCT 1967, 97 P, ILLUS, TABLES
AF30/6027-4000
RADC-TR-67-518
AD-822 547
HIGH FREQUENCY
DATA TRANSMISSION SYSTEMS
AIR-TO-SURFACE
TEST METHODS
BANDWIDTH
PHASE STUDIES
SYNCHRONIZATION /ELECTRONICS/
DETECTION
COMMUNICATION EQUIPMENT

68 00118 NAT U
06-E
MORRIS, P. B.
NEGUS, G. F.
ROME AIR DEVELOPMENT CENTER,
GRIFFISS AFB, N. Y.
A QUEUEING ANALYSIS OF THE TRAFFIC
HANDLING CAPABILITY OF A SATELLITE GROUND
TERMINAL.# FINAL REPORT.
NO FOREIGN
OCT 1967, 62 P, ILLUS, TABLES, 9 REFS
RADC-TR-67-462
AD-822 770
TRAFFIC
SPACE COMMUNICATION SYSTEMS
COMMUNICATION SATELLITES /ACTIVE/
QUEUEING THEORY
STATISTICAL ANALYSIS

68 00119 NAT U
01-C
KHAZHONKOV, K. I.
AIR FORCE SYSTEMS COMMAND, FOREIGN
TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO.
REDUCING AERODYNAMIC RESISTANCE HOLES
WITH ANNULAR RIBS AND RECESSES.# TRANSLATION
FROM RUSSIAN.
GENERAL DISTRIBUTION
DEC 1966, 24 P, ILLUS
FTD-MT-66-371
AD-660 433
AERODYNAMIC CHARACTERISTICS
FLUID FLOW
FLUID DYNAMICS PROPERTIES
GAS FLOW

68 00120 NAT U
09-D
CHAYENSKIY, M. I.
AIR FORCE SYSTEMS COMMAND, FOREIGN
TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO.
THE USE OF LIQUID-METAL MELTS IN
DIFFERENT BRANCHES OF INDUSTRY.#
TRANSLATION FROM RUSSIAN.
GENERAL DISTRIBUTION
JUN 1967, 14 P, ILLUS
FTD-MT-67-82
AD-660 432
HEAT TRANSFER
LIQUID METALS
GLASS
INDUSTRIES
MERCURY
METALLURGY
FURNACES

68 00121 NAT U
09-F
LUNN-WEN, W.
AIR FORCE SYSTEMS COMMAND, FOREIGN
TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO.
AIRPLANES - ADVANCES IN ASSEMBLY
TECHNIQUES /11/ WELDING, PLASTIC CEMENTING,
HERMETIC SEALING.# TRANSLATION FROM RUSSIAN.
GENERAL DISTRIBUTION
FEB 1967, 7 P, ILLUS, REFS
FTD-MT-66-779
AD-660 342
AIRPLANES
WELDING
TECHNIQUES
ADHESIVES
BONDING
PLASTICS

68 00122 NAT U
06-F
IMASZKIEWICZ, A.
STOLARSKI, M.
ZELAZOWSKI, W.
AIR FORCE SYSTEMS COMMAND, FOREIGN
TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO.
AUTOMATION AND CYBERNETICS IN THE
MODERN ARMY.# CHAPTER FOUR, TRANSLATION
FROM RUSSIAN.
GENERAL DISTRIBUTION
APR 1967, NO P, ILLUS, TABLES
FTD-MT-66-758
AD-822 380
ARMY
AUTOMATION
CYBERNETICS
OPERATION
MAINTENANCE
COMPUTERS
DESIGN

68 00123 NAT U
08-D
NELSON, E. A.
FLEISHMAN, T.
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DIV., L. G. HANSCOM FIELD, BEDFORD, MASS.
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ESC-TR-67-452
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PROGRAMMING /COMPUTERS/
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68 00124 NAT U
04-D
COLE, J. N.
ENGLAND, R. T.
AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON
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ANTICIPATED WITH FUTURE VTOL AIRCRAFT.#
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AMRL-TR-66-245
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REACTION /PSYCHOLOGY/
DESIGN
URBAN AREAS
JET ENGINE NOISE
HELICOPTER NOISE
MEASUREMENT
PWL /PERCEIVED NOISE LEVEL/

68 00125 NAT U
04-D
HERNER, S.
HERNER AND CO., WASHINGTON, D. C.
SYSTEM DESIGN EVALUATION AND COSTING-- IN
PLAIN ENGLISH.#
GENERAL DISTRIBUTION
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PROJ-4769-01
AFOSM-67-1998
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SYSTEMS ENGINEERING
ANALYSIS
COSTS
INFORMATION RETRIEVAL
DESIGN
DATA PROCESSING SYSTEMS

68 00126 NAT U
01-F
CLARKSON, B. L.
SOUTHAMPTON, ENGLAND, UNIV. INST. OF SOUND
AND VIBRATION RESEARCH,
RESEARCH AND TECHNOLOGY DIV., AIR FORCE
MATERIALS LAB., WRIGHT-PATTERSON AFB, OHIO.
STRESSES IN SKIN PANELS SUBJECTED TO
RANDOM ACOUSTIC LOADING.#
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AIRPLANE PANELS
JET ENGINE NOISE
CONTROL SURFACES
TAKE-OFF
CLIMBING
MEASUREMENT
SURFACE PROPERTIES
THEORY
LOADING /MECHANICS/
SHOCK CELL NOISE

68 00127 NAT U
02-E
RAMBY, K. W.
PATCH, D. E.
GENERAL ELECTRIC CO., BINGHAMTON, N. Y.
AIR FORCE SYSTEMS COMMAND,
WRIGHT-PATTERSON AFB, OHIO.
APPLICATION OF OPTIMIZATION TECHNIQUES
TO FLIGHT CONTROL ACTUATION SYSTEM
DESIGN.#
NO FOREIGN
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AF33/615-3587
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AD-622 349
FLIGHT CONTROL SYSTEMS
ACTUATORS
DESIGN
THEORY
OPTIMIZATION
MODEL TESTS
HYDRAULIC SYSTEMS
MATHEMATICAL ANALYSIS

68 00128 NAT U
02-D
PLUMBLEE, H. E.
PALLANTINE, J. R.
PASSINUS, B.
LOCKHEED-GEORGIA CO., MARIETTA, GA.
AIR FORCE SYSTEMS COMMAND,
WRIGHT-PATTERSON AFB, OHIO.
NEAR FIELD NOISE ANALYSES OF AIRCRAFT
PROPULSION SYSTEMS WITH EMPHASIS ON
PRELUSTION TECHNIQUES FOR JETCS.#
NO FOREIGN
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AF33/615/-2503
PROJ-1471
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AD-822 414
JET ENGINE NOISE
ANALYSIS
MATHEMATICAL PREDICTION
TECHNIQUES
TEMPERATURE
MACH NUMBER
DIGITAL COMPUTERS
MODEL TESTS
TURBOFAN ENGINES

68 00129 NAT U
02-E
PARFAG, M. L.
CORNELL AERONAUTICAL LAB., INC., BUFFALO.
AIR FORCE SYSTEMS COMMAND,
WRIGHT-PATTERSON AFB, OHIO.
PILOT EVALUATIONS IN A GROUND
SIMULATOR OF THE EFFECTS OF ELEVATOR
CONTROL SYSTEM DYNAMICS IN FIGHTER
AIRCRAFT.#
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PILOTS
ANALYSIS
FIGHTERS
CONTROL SIMULATORS
HIGH-ALTITUDE
FLIGHT SPEEDS
LOW ALTITUDE

68 00130 NAT U
 10-G
 TENBROEK, M. W.
 SEASHORE, C. R.
 HONEYWELL, INC. RESEARCH
 DIV., ST PAUL.
 AIR FORCE CAMBRIDGE RESEARCH LABS.
 OFFICE OF AEROSPACE RESEARCH,
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 LOW FREQUENCY ELECTRIC FIELD
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 CLEAR AIR TURBULENCE
 DETECTION
 INSTRUMENTATION
 NOISE
 ELECTROSTATIC FIELDS

68 00131 NAT U
 01-D
 GARNER, J. E.
 ARNOLD ENGINEERING DEVELOPMENT CENTER,
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 FLUID FLOW
 JETS
 WIND TUNNELS
 EXHAUST SYSTEMS

68 00132 NAT U
 06-C
 FISHER, F. A.
 AIR RESEARCH AND DEVELOPMENT COMMAND,
 ANDREWS AFB, MD.
 INVESTIGATIONS ON THE DIRECTIVITY OF
 CIRCULAR ANTENNA ARRAYS IN COMPARISON WITH
 THE BEAMWIDTH OF PARABOLIC REFLECTORS IN
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 REFLECTORS
 EQUATIONS
 ANTENNAS
 MEASURING DEVICES /ELECTRICAL AND ELEC
 ANTENNA RADIATION PATTERNS

68 00133 NAT U
 10-G
 JOHNS, S. M., 1ST LT.
 AIR FORCE, DET. 9 12TH WEATHER SQUADRON,
 SUFFOLK COUNTY AFB, N. Y.
 AN INVESTIGATION OF LOW VISIBILITY
 DURING JANUARY AND FEBRUARY AT SUFFOLK
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 FOG
 HAZE
 BAROMETRIC PRESSURE
 TEMPERATURE
 DEW POINT
 DIURNAL VARIATIONS
 SUFFOLK COUNTY AFB
 JANUARY
 FEBRUARY
 SEASONAL VARIATIONS

68 00134 NAT U
 06-C
 LORING, C. N.
 LILJEGREN, G.
 VARIAN ASSOCIATES, ETMA DIV.,
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 ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB,
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 MODULATION
 MAGNETIC FIELDS
 CAPACITANCE
 ELECTRIC CURRENT
 POWER SUPPLIES
 RADIO TRANSMITTERS
 TEST METHODS

68 00135 NAT U
 06-B
 WOOD, C. H.
 MORSE, A. W.
 WESTINGHOUSE ELECTRIC CORP., BALTIMORE,
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 HIGH FREQUENCY
 POWER AMPLIFIERS
 MODEL TESTS
 DESIGN
 TRANSISTOR AMPLIFIERS
 RADIO TRANSMITTERS
 POWER SUPPLIES
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 STORAGE

68 00136
02-R
MUNAKEN, J. S., MAJ.
CHUBBRY, R. A., MAJ.
WEST, T. C., MAJ.
DAVIES, W., LCDR.
RESCHAK, R., CAPT.
PORTER, S. L., MR.
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FLIGHT TESTING
FEASIBILITY STUDIES
RESCUES
MILITARY AIRCRAFT
FLIGHT SIMULATORS
UTILITY PLANES
CANADAIR CL-44 AIRCRAFT

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KEFANSON, E. T.
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RELIABILITY
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STATISTICAL ANALYSIS

68 00138
08-C
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PROJECT PRIME HANDBOOK.#
GOVERNMENT AGENCIES ONLY
JUN 1967, 450 P
AD-617 506
HANDBOOKS
MANAGEMENT ENGINEERING
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68 00139
07-C
MURPHY, J. V.
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LITTON SYSTEMS, INC., WOODLAND HILLS, CALIF.
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DESIGN
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68 00140
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MURPHY, J. V.
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ESU-TR-67-318
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TECHNIQUES
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68 00143
02-N
RANSONE, R. K.
BASQUEZ, J. G.
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SHORT TAKE-OFF PLANES

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STATISTICAL ANALYSIS
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COMMUTER TRAVEL
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NORTHEAST CORRIDOR
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WITHINGTON, C. F.
GEOLOGICAL SURVEY, WASHINGTON, D. C.
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TRANSPORT SYSTEM.#
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UNDERGROUND

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08-D
SCOTT, B. E.
COMPUTING TECHNOLOGY, INC., PARAMUS, N. Y.
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68 00151 NAT U

12-9
HENTLEY, E.
GT. BRIT. AERONAUTICAL RESEARCH
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TURBULENCE.#
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RESPONSE
ACCELERATION
PITCH /MOTION/
AEROELASTICITY
STRAIN /MECHANICS/

68 00152 NAT U

01-3
TALBOT, P.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.

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SUBJECT TO KINETIC HEATING.#
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TECHNIQUES
MEASUREMENT
SIMULATION
COOLING
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AIRFRAMES
CONVECTION

68 00153 NAT U

02-A
TIMBY, E. A.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.

NOTES ON THE SELECTION OF REFRIGERANTS
FOR AIRCRAFT VAPOUR CYCLE COOLING SYSTEMS.#
NO FOREIGN
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COOLING
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68 00154 NAT U

10-G
BURNHAM, J.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
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A NOTE ON TURBULENCE PROBLEMS
ASSOCIATED WITH TAKE-OFF AND LANDING.#
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TURBULENCE
TAKE-OFF
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SHORT TAKE-OFF PLANES
JIT PLANES

68 00155 NAT U

02-F
DUKE, J. C.
NAVAL AIR DEVELOPMENT CENTER,
JOHNSVILLE, PENNA.

SURVEY OF FREQUENCY DOMAIN
SYNTHESIS TECHNIQUES BASED ON THE ROOTS
OF THE CHARACTERISTIC EQUATION.# PHASE I.
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AUTOMATIC
FEEDBACK
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THEORY

68 00156 NAT U

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REINDEL, J. A.
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WILSON, J. J.
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VERY LOW FREQUENCY
OMEGA NAVIGATION

68 00158 NAT U

06-A
LIN, J. L.
CHEN, K. M.
MICHIGAN STATE UNIV., EAST LANSING.
ENGINEERING RESEARCH DIV.
AIR FORCE CAMBRIDGE RESEARCH LABS.,
L. G. HANSCOM FIELD, BEDFORD, MASS.

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LOOP BY IMPEDANCE LOADING.#
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SCATTERING
INTEGRAL EQUATIONS
RESONANCE
DIFFERENTIAL EQUATIONS
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68 00159 NAT U
02-I
SPEZIA, E.
ARMY BOARD FOR AVIATION ACCIDENT
RESEARCH, FORT RUCKER, ALA.
UNITED STATES ARMY HELICOPTER ACCIDENTS
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ARMY
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AVIATION ACCIDENTS

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JOHNSON, W. B.
ROGERS, J. H.
COOK, R. L.
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FORT EUSTIS, VA.
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CRASHWORTHINESS
DESIGN
FUEL SYSTEMS
HELICOPTERS
MODIFICATION
UH-1B AIRCRAFT
UH-1D AIRCRAFT
CH-47 AIRCRAFT
UH-6A AIRCRAFT

68 00161 NAT U
09-B
BEATTY, H. A.
ETHYL CORP., FERNDALE, MICH.
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CORROSION INHIBITION
SURFACE ACTIVE SUBSTANCES
DENSITY
FLUID FLOW
SANTOLINE C
COALESCENCE
PHYSICAL PROPERTIES

68 00162 NAT U
02-I
PETERSON, H. B.
JABLONSKI, F. J.
NEILL, R. P.
GILES, R. L.
THIVE, R. L.
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WATER
PROTEINS
MODEL TESTS
FIRE EXTINGUISHERS
EFFECTIVENESS
FIRE SAFETY
AIRCRAFT FIRES
FIRE CONTROL SYSTEMS

68 00163 NAT U
02-H
FENDLEY, G.
GENERAL ELECTRIC CO. ADVANCED TECHNOLOGY
AND DEMONSTRATION PROGRAMS DEPT. OF DEFENSE
AIR FORCE SYSTEMS COMMAND,
WRIGHT-PATTERSON AFB, OHIO.
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SHORT TAKE-OFF PLANS
LIFT
FANS
CRUISING
HELICOPTER PROCEDURES
PERFORMANCE
TURNING BEHAVIOR
CREANE
SPAL-STOPPERS/

68 00164 NAT U
05-G
DEPARTMENT OF DEFENSE, WASHINGTON, D. C.
TECHNICAL DATA AND STANDARDIZATION
GLOSSARY.#
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AD-642 709
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WRIGHT-PATTERSON AFB, OHIO.
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GYRO.#
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TEST METHODS
GYROSCOPES
DESIGN
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FAILURE MECHANICS/
ELECTROMAGNETIC PROPERTIES
PNEUMATIC SERVOMECHANISMS

68 00166 NAT U
05-A
ROMAN, J.
SATO, R. N. A.
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FLIGHT RESEARCH CENTER, EDWARDS AFB, CALIF.
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METERS
RESPIRATION
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01-C

STIVERS, L. S., JR.
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68 00168

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06-K

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ELECTRIC FIELDS

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BIGGERS, J. C.

MAKI, R. L.

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LONGITUDINAL AERODYNAMIC CHARACTERISTICS

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AERODYNAMIC CHARACTERISTICS

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SHORT TAKE-OFF PLANES

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WIND TUNNELS

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METHODS FOR AIRCRAFT.#

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ANALYSIS

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WIND

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HIGH-TEMPERATURE RESEARCH

HYDROGEN

OXYGEN

PHOTOCHEMISTRY

BIOCHEMISTRY

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NITROGEN COMPOUNDS

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KINETICS

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ROME AIR DEVELOPMENT CENTER,

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SOLID-STATE SWITCH DEVELOPMENT.# FINAL

REPORT.

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ADL-TR-67-567

AD-822 889

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ELECTRONIC SWITCHES

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BAND-PASS FILTERS

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GAUL, J. W.
KAISER, R. P.
ONEGA, G. T.
DECANIO, F. T.
AIR FORCE SYSTEMS COMMAND,
WRIGHT-PATTERSON AFB, OHIO.
APPLICATION OF OPTIMAL CONTROL THEORY
TO VTOL FLIGHT CONTROL SYSTEM DESIGN.#
NO FOREIGN
SEP 1967, 189 P, ILLUS, TABLES, 17 REFS
AF33/6157-5174
AFFDL-TR-67-102
AD-822 874
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68 00174
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SEELEY, E. W.
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NEAR THE EARTH.#
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68 00175
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ABBOTT, M. R.
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A NUMERICAL METHOD FOR CALCULATING THE
DYNAMIC BEHAVIOUR OF A SIMPLE CATENARY
OVERHEAD CONTACT SYSTEM FOR ELECTRIC
RAILWAY TRACTION.#
NO FOREIGN
JUL 1967, 40 P, ILLUS
RAE-TR-67156
AD-822 960
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68 00176
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GUTH, S. P. J.
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RAE-TR-67117
AD-823 750
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M.C. /BOUNDARY LAYER CONTROL/

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68 00177
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68 00179
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LANGLEY RESEARCH CENTER, LANGLEY STATION,
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DESIGN STUDY.
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N67-33579
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68 00180 NAT U
DOUGLAS, C. A.
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HENDERSON, J.
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SAN FRANCISCO INTERNATIONAL AIRPORT

68 00182 R NAT U
06-J
SHIRLEY, J. M.
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AD-663 123
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68 00183 NAT U
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68 00184 NAT U
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68 00185 R NAT U
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MEISNER, M.
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68 00186 NAT U
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SOCIETY OF AUTOMOTIVE ENGINEERS, INC.,
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DEVELOPMENT SERVICE, WASHINGTON, D. C.
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AIRPLANE NOISE
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68 00187 NAT U
01-B
ABELKIS, P. R.
DUNGLAS AIRCRAFT CO., INC., LONG BEACH, CALIF.
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PART I.
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JUN 1967, 116 P, ILLUS, TABLES, 59 REFS
AF33/615-3333
AFFDL-TR-66-197-PART-I
AD-818 959
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68 00188 NAT U
07-F
HALL, E. R.
PARKER, J. F., JR.
MEYER, D. E.
AEROSPACE MEDICAL RESEARCH LABS.,
WRIGHT-PATTERSON AFB, OHIO.
BIOTECHNOLOGY, INC., ARLINGTON, VA.
A STUDY OF AIR FORCE FLIGHT SIMULATOR
PROGRAMS.#
NO FOREIGN
JUN 1967, 109 P, ILLUS, 33 REFS
AF33/615/-2968
AMRL-TR-67-111
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68 00189 NAT U
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USHEIMER, A. J.
UNITED AIRCRAFT CORP. HAMILTON STANDARD
DIV., WINDSOR LOCKS, CONN.
FLIGHT PATH CONTROL SYSTEM FLIGHT
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REPORT. VOLUME I.
GOVERNMENT AGENCIES ONLY
JUL 1967, 75 P, ILLUS
NOW-66-0596-D
HSEB-FR-4473
AD-818 927
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68 00190 NAT U
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DERVIN, W. H.
MOSS, H. S.
RINGER, F. H.
ARMY, CORPS OF ENGINEERS, ENGINEER WATERWAYS
EXPERIMENT STATION, VICKSBURG, MISS.
FAIRCHILD MILLER CORP., FARMINGDALE, N. Y.
RESEARCH STUDY FOR THE DESIGN OF A
PORTABLE VTOL BLAST CONTROLLING
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JUN 1967, 94 P, ILLUS, TABLES, 12 REFS
DACA-3967-C-0003
RA-076R1000
AD-818 913
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68 00191 NAT U
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ANDREASEN, M. G.
TANNER, H. L.
TRG, INC., MELVILLE, N. Y.
ARMY ELECTRONICS COMMAND, FORT
MONMOUTH, N. J.
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ECOM-02373F
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68 00192 NAT U
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ROTH, G. J.
RYAN, J. P.
SLIEMERS, I. C.
DAYTON, OHIO. UNIV. RESEARCH INST.
AIR FORCE SYSTEMS COMMAND, WRIGHT-PATTERSON
AFB, OHIO.
PARAMETRIC FATIGUE ANALYSIS OF
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JUN 1967, 194 P, ILLUS, TABLES, 24 REFS
AF33/615/-3812
AFFDL-TR-67-89
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68 00193 NAT U
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HERR, E. A.
GENERAL ELECTRIC CO. SEMICONDUCTOR PRODUCTS
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WRIGHT-PATTERSON AFB, OHIO.
TECHNIQUES FOR THE CONTROL OF
INTEGRATED CIRCUIT QUALITY AND
RELIABILITY.# VOLUME II APPENDICES.
NO FOREIGN
JUN 1967, 317 P, ILLUS, TABLES
AF33/615/-2716
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AD-819 192
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TECHNIQUES FOR THE CONTROL OF
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MAYDON, G. W.
NATIONAL BUREAU OF STANDARDS, BOULDER, COLO.
TECHNICAL CONSIDERATIONS IN THE
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WITH, VIA AND BETWEEN SPACE VEHICLES.#
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SPACE COMMUNICATION SYSTEMS
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NOISE /RADIO/
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LOW ANTENNA HEIGHTS.#
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68 00197 NAT U
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DAVIS, J. E.
SIMEROY, J. W.
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AIRPORT LIGHTS.#
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NBS-R-9350
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68 00199 NAT U
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VAUGHAN, R. T.
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HELICOPTERS
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VISUAL LANDING AIDS CONSOLIDATED PROGRESS
REPORT FOR THE PERIOD APRIL 1 TO JUNE 30,
1966.
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JUN 1966, 8 P, ILLUS
NBS-R-9443
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68 00201 NAT U
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NBS-R-9453
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68 00202 NAT U
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68 00203 NAT U
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OF VISUAL LANDING AIDS CONSOLIDATED
PROGRESS REPORT FOR THE PERIOD JANUARY 1
TO MARCH 31, 1967.
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MAY 1967, 13 P, ILLUS
NBS-R-9540
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68 00204 NAT U
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NATIONAL BUREAU OF STANDARDS,
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GENERAL DISTRIBUTION
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NBS-R-9608
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68 00205 NAT U
06-J
ARMJO, L.
DEPARTMENT OF COMMERCE, INSTITUTES FOR
ENVIRONMENTAL RESEARCH, NORMAN, OKLA.
A THEORY FOR THE DETERMINATION OF
WIND AND PRECIPITATION VELOCITIES WITH
DOPPLER RADARS.
GENERAL DISTRIBUTION
AUG 1967, 20 P, ILLUS, 2 REFS
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N68-10034
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68 00206 NAT U
01-D
TURNER, T. R.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
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A MOVING-BELT GROUND PLANE FOR WIND-
TUNNEL GROUND SIMULATION AND RESULTS FOR
TWO JET-FLAP CONFIGURATIONS.
GENERAL DISTRIBUTION
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NASA-TN-D-4228
N68-10060
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68 00207 NAT U
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HOWICK, G. J.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C.
CONTAMINATION CONTROL PRINCIPLES.#
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N68-10384
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CONTAMINATION
STANDARDS
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GASES
SOLIDS
MICROORGANISMS
MONITORS
TRANSPORTATION
STORAGE
PERSONNEL MANAGEMENT
SANITATION

68 00208 NAT U
06-F
PELLEGRINO, J. A.
ROSENBAUM, J. L.
AEROSPACE PRODUCTS RESEARCH CORP.,
SANTA MONICA, CALIF.
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION, WASHINGTON, D. C.
COMPUTER DRIVEN ELECTROLUMINESCENT
VERTICAL SCALE INDICATOR.#
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NOV 1967, 37 P, ILLUS
NAS-7-420
NASA-CR-919
N68-10648
COMPUTERS
ELECTROLUMINESCENCE
DESIGN
THEORY
OPERATION
ELECTRONIC EQUIPMENT
SIMULATION
ENVIRONMENTAL TESTS
PHOTOELECTRIC MATERIALS

68 00209 NAT U
02-L
DIEDRICH, G. E.
GAHAN, J. W.
GENERAL ELECTRIC CO., CINCINNATI.
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ADMINISTRATION, WASHINGTON, D. C.
DESIGN OF TWO ELECTROMAGNETIC
PUMPS.#
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NAS-3-8500
NASA-CR-911
N68-10503
DESIGN
ELECTROMAGNETIC PUMPS
HEAT EXCHANGERS
THERMAL INSULATION
DUCTS

68 00210 NAT U
07-D
SERENDIPITY ASSOCIATES, CHATSWORTH, CALIF.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
AMES RESEARCH CENTER, HOFFETT FIELD, CALIF.
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OPERATION
EFFECTIVENESS
SPACE TECHNOLOGY
MAN-MACHINE SYSTEMS

68 00211 NAT U
06-A
GODWIN, E. F.
REILLY, G. J.
ARMY ELECTRONICS COMMAND,
FORT MONMOUTH, N. J.
FLAT CABLES FOR LIGHTWEIGHT
INTERCONNECTIONS.#
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DESIGN
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RESISTANCE /ELECTRICAL/
DIELECTRIC PROPERTIES
INTERCONNECTIONS

68 00212 NAT U
05-G
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REVIEW OF LONG-TERM MEDICAL RESEARCH
ON AGING OF AVIATION PERSONNEL.#
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68 00213 NAT U
06-F
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EUROPEAN ATOMIC ENERGY COMMUNITY.
THE COMPILER LANGUAGE PROGRAMMING
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IBM 1401 PROGRAMS ON IBM 7090.
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EUR-2637.E
N66-21206
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DATA PROCESSING SYSTEMS
IBM 1401
IBM 7090
COMPILATION

68 00214 NAT U
06-F
BROWN, A. F. R.
EUROPEAN ATOMIC ENERGY COMMUNITY.
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IBM 7090
COMPILATION

68 00215 NAT U
06-F
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COMPILATION

68 00216 NAT U
06-E
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AD-819 141
TECHNIQUES
MULTIPLEX
ANTENNAS
NOISE /RADIO/
PULSE COMMUNICATION SYSTEMS
COMMUNICATION SATELLITES /ACTIVE/

68 00217 NAT U
10-F
ADAMS, G. M.
BANKS, W. U.
RANGHAUSER, A. F.
SEAN, B. R.
MERRY, L. A.
LILLELO, M. A.
BRISTON, C. L.
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WEATHER FORECASTING
BOUNDARY LAYER
MATHEMATICAL MODELS
DIURNAL VARIATIONS
IONOSPHERIC PROPAGATION
METEOROLOGICAL PHENOMENA
SYMPOSIUM

68 00218 NAT U
06-C
JRKOWITZ, M.
ZEGER, A. E.
THOMSON, D. N.
BANTA, E. D.
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AIRBORNE PHASED ARRAY TECHNIQUES.
FINAL REPORT.
NO FOREIGN
AUG 1967, 163 P, ILLUS, 16 REFS
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AFAL-TR-67-200
AD-818 967
RADAR ANTENNAS
ANTENNA CONFIGURATIONS
THEORY
SYNCHRONIZATION /ELECTRONICS/
X-BAND
PHASE SHIFTERS
TRANSMITTER-RECEIVERS
TRANSMITTER-RECEIVERS
BEAMS /ELECTROMAGNETIC/ 5229.00

68 00219 NAT U
11
DEAN, J. G.
NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF.
AN EXPERIMENTAL INVESTIGATION OF SOME
ASPECTS OF FREQUENCY STABILITY IN A
PROPOSED SHORT-RANGE, PRECISE NAVIGATION
SYSTEM.
NO FOREIGN
JUN 1967, 104 P, ILLUS, 9 REFS
AD-819 548
NAVIGATION
STABILITY
TEMPERATURE
PROPAGATION
DATA PROCESSING SYSTEM
OSCILLATORS
TRANSMITTER-RECEIVERS
TEST METHODS
PHASE STUDIES
FREQUENCY
NAVIGATIONAL AIDS

68 00220 NAT U
02-E
NIELSEN, D. R.
NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF.
DERIVATION OF AN AUTOMATIC AIRCRAFT
ELEVATOR CONTROLLER.0
NO FOREIGN
JUN 1967, 59 P, ILLUS, 3 REFS
AD-818 983
ELEVATORS
CONTROL SYSTEMS
AUTOMATIC
INSTRUMENT LANDINGS
DESIGN
MATHEMATICAL MODELS
FLAREOUT
THEORY
MODEL TESTS
COMPUTERS

68 00221 NAT U
02-A
SILPHAN, R. A.
NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF.
A USE OF COMPUTER FLIGHT PLANNING
TO DETERMINE OPTIMUM CRUISE ALTITUDES FOR
THE P-3 ORION UNDER VARIOUS WIND
CONDITIONS.0
NO FOREIGN
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AD-819 553
COMPUTERS
FLIGHT PLANS
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ALTITUDE
WIND
CLIMBING
DESCENT
MILITARY AIRCRAFT
ANTISUBMARINE AIRCRAFT
P-3 ORION AIRCRAFT

68 00222 NAT U
08-L
WENDLAND, G. E.
AIR FORCE COMMUNICATIONS SERVICE, OPERATIONS
RESEARCH ANALYSIS OFFICE, SCOTT AFB, ILL.
NO-BREAK POWER SYSTEMS,
OPERATIONAL AND COST ANALYSIS.0 PART II.
OPERATIONS ANALYSIS OF AIR FORCE
COMMUNICATIONS SERVICE FIXED GROUND
POWER.
NO FOREIGN
JUL 1967, 90 P, ILLUS, TABLES
AD-819 554
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ANALYSIS
COMMUNICATION EQUIPMENT
DESIGN
EFFECTIVENESS
FAILURE /MECHANICS/
POWER EQUIPMENT
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BATTERIES & COMPONENTS
DIESEL ENGINES

68 00223 NAT U
06-J
LUNGER, J. L.
HAMMERLE, K. J.
BOEING CO., SEATTLE.
TARGET RESOLUTION IMPROVEMENT FROM
FREQUENCY AGILITY.0
GENERAL DISTRIBUTION
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02-90248
AD-819 305
RADAR TARGETS
RESOLUTION
MATHEMATICAL ANALYSIS
BANDWIDTH

68 00224 NAT U
10-A
IMVANTOV, I. M.
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ELECTRICITY OF THE FREE ATMOSPHERE.0
GENERAL DISTRIBUTION
1967, 212 P, ILLUS
NASA-TT-P-425
TT67-51374
N68-10079
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ATMOSPHERE
ELECTRIC FIELDS
DATA PROCESSING SYSTEMS
DIURNAL VARIATIONS
CLOUDS
INTENSITY
ALTITUDE

68 00225 NAT U
01-D
TURNER, T. R.
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION, LANGLEY RESEARCH
CENTER, LANGLEY STATION, HAMPTON, VA.
WIND-TUNNEL INVESTIGATION OF A
3/8-SCALE AUTOMOBILE MODEL OVER A
MOVING-BELT GROUND PLANE.0
GENERAL DISTRIBUTION
NOV 1967, 34 P, ILLUS, 2 REFS
NASA-TN-D-4229
N68-10093
WIND TUNNEL MODELS
PASSENGER VEHICLES
GROUND EFFECT
BOUNDARY LAYER
LIFT
AERODYNAMIC CHARACTERISTICS

68 00226 NAT U
02-E
RODGERS, D. L.
HONEYWELL, INC., MINNEAPOLIS.
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DEVELOPMENT AND FLIGHT TESTING OF
A FLUIDIC FLIGHT CONTROL SYSTEM.0
GENERAL DISTRIBUTION
OCT 1967, 137 P, ILLUS
NAS-4-763
NASA-CR-913
N68-10047
DESIGN
FLIGHT TESTING
FLIGHT CONTROL SYSTEMS
AUTOMATIC
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STABILITY
ROLL
PITCH /MOTION/
POWER SUPPLIES
ENVIRONMENTAL TESTS
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AERO COMMANDER 600 FP AIRCRAFT

68 00227 NAT U
06-U
MELPAR, INC., FALLS CHURCH, VA.
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION, WASHINGTON, D. C.
THIN-FILM PERSONAL COMMUNICATIONS AND
TELEMETRY SYSTEM /TFPCTS/.#
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NOV 1967, 29 P, ILLUS
NAS-9-3924
NASA-CR-914
N68-10420
THIN FILMS /STORAGE DEVICES/
COMMUNICATION SYSTEMS
TELEMETRY SYSTEMS
TRANSMITTER-RECEIVERS
DESIGN
CONSTRUCTION
CIRCUITS

68 00228 NAT U
02-K
SALCEDO, F. S.
AERONAUTICAL GENERAL CORP., AZUSA, CALIF.
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
RESEARCH TO OPTIMIZE THE FILAMENT-WOUND
TOROIDAL TIRE TO PROVIDE PERFORMANCE TO TESTS
OF SPECIFICATION MIL-T-5041D AT MINIMUM
WEIGHT.#
NO FOREIGN
JUN 1967, 76 P, ILLUS, TABLES
AF33/6157-5024
AFML-TN-67-154
AD-818 075
MILITARY REQUIREMENTS
AIRCRAFT TIRES
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PRESSURE
TEST METHODS
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68 00229 NAT U
06-C
GRUBER, J. R.
CARTER, S. A.
ARMY ELECTRONICS RESEARCH AND
DEVELOPMENT LAB., FORT MONMOUTH, N. J.
AIRCRAFT VHF ANTENNA.#
GENERAL DISTRIBUTION
JUL 1967, 18 P, ILLUS, 2 REFS
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AD-818 378
VERY HIGH FREQUENCY
ANTENNAS
DESIGN
MILITARY AIRCRAFT
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TRANSMITTER-RECEIVERS

68 00230 NAT U
09-A
PETERS, D. W. A.
GT. BRIT. ARMY PERSONNEL RESEARCH
ESTABLISHMENT.
REPORT ON A PROTOTYPE WET BULB GLOBE
THERMOMETER INDEX METER FOR SERVICE USE.#
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MAR 1967, 10 P, ILLUS, TABLES, 5 REFS
APRE-NM-P/4
AD-818 181
THERMOMETERS
CALIBRATION
TEST METHODS
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68 00231 NAT U
04-E
FLOPPAN, E. F.
NATIONAL BUREAU OF STANDARDS,
WASHINGTON, D. C.
LOADING FACTORS AND FDM-1N SYSTEM
PERFORMANCE CALCULATIONS.#
GENERAL DISTRIBUTION
SEP 1967, 19 P
NBS-100-A
EFFECTIVENESS
MULTIPLIER
FREQUENCY MODULATION
TELEPHONE COMMUNICATION SYSTEM
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RADIO SIGNALS
RADIOFREQUENCY
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68 00232 NAT U
02-L
HOUGHTON, J. R.
NATIONAL BUREAU OF STANDARDS,
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VOLTAGE RATIO DETECTOR FOR
MILLIVOLT SIGNALS.#
GENERAL DISTRIBUTION
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NBS-TN-266
ELECTRIC POTENTIAL
DETECTORS
SIGNALS
ALTERNATING CURRENT
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DESIGN
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68 00233 NAT U
02-L
MARZETTA, L. A.
NATIONAL BUREAU OF STANDARDS,
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A PEAK AC-DC VOLTAGE COMPARATOR FOR
USE IN A STANDARDS LABORATORY.#
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JAN 1966, 19 P, ILLUS, TABLES
NBS-TN-280
DIRECT CURRENT
MAGNETIC TAPES
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ALTERNATING CURRENT
RECORDING DEVICES
ELECTRIC POTENTIAL
RECTIFIER
FILTERS /ELECTROMAGNETIC WAVE/
VOLTMETERS
DIODES
THERMOMETERS
AMPLIFIERS
POWER SUPPLIES
LOW TEMPERATURE RESEARCH
POWER EQUIPMENT
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COMPARATOR

68 00234 NAT U
 06-A
 ROBBINS, D.
 ENGLERT, A. J.
 NATIONAL BUREAU OF STANDARDS,
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 DISCLOSURES ON MAGNETIC TAPE HANDLER
 FOCUS DETECTOR, MULTI-PEN RECORDER, SIGNAL
 AVERAGING FILTER, ELECTROSTATIC RMS VOLTMETER,
 BACK-UP RING FOR O-RINGS, AND LOW TEMPERATURE
 SOLID STATE THERMOMETER.#
 GENERAL DISTRIBUTION
 APR 1966, 28 P, ILLUS
 NBS-TN-287
 MAGNETIC TAPES
 DETECTORS
 RECORDING DEVICES
 FILTERS /ELECTROMAGNETIC WAVE/
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 LOW TEMPERATURE RESEARCH
 PRESSURE

68 00235 NAT U
 08-D
 ALT, F. L.
 NATIONAL BUREAU OF STANDARDS,
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 INFORMATION HANDLING IN THE NATIONAL
 STANDARD REFERENCE DATA SYSTEM.#
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 JUL 1966, 24 P
 NBS-TN-290
 DATA PROCESSING SYSTEMS
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 UPDATING /COMPUTERS/

68 00246 NAT U
 08-D
 HENDERSUN, M. M.
 NATIONAL BUREAU OF STANDARDS,
 WASHINGTON, D. C.
 EVALUATION OF INFORMATION SYSTEMS -
 A SELECTED BIBLIOGRAPHY WITH INFORMATIVE
 ABSTRACTS.#
 GENERAL DISTRIBUTION
 DEC 1967, 209 P
 NBS-TN-297
 BIBLIOGRAPHIES
 ABSTRACTS
 INFORMATION RETRIEVAL
 OPERATION
 EFFECTIVENESS
 ANALYSIS

68 00237 NAT U
 10-A
 HARK, D. M.
 NATIONAL BUREAU OF STANDARDS,
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 AN ATLAS OF SOLAR FLARE EFFECTS IN
 THE IONOSPHERE OBSERVED WITH A HIGH-
 FREQUENCY DOPPLER TECHNIQUE.#
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 DEC 1965, 126 P, ILLUS, TABLES
 NBS-TN-326
 SOLAR FLARES
 IONOSPHERIC DISTURBANCES
 HIGH FREQUENCY
 DOPPLER SYSTEM
 TECHNIQUES
 SOLAR /SOLAR FREQUENCY DEVIATIONS/

68 00238 NAT U
 06-B
 HARDING, M. B.
 WOODWARD, M. W.
 CARROLL, J. C.
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 A 100 KW 2-25 MC/S DISTRIBUTED
 AMPLIFIER, DESIGNED FOR USE WITH 10 KW
 IONOSPHERIC SOUNDERS.#
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 AMPLIFIERS
 DESIGN
 IONOSPHERE
 ATMOSPHERIC SOUNDING
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 BACKSCATTER

68 00239 NAT U
 06-A
 GREENE, F. M.
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 A NEW NEAR-ZONE ELECTRIC FIELD-STRENGTH
 METER.#
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 PLASTICS
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 DIPOLE ANTENNAS
 ATTENUATION
 DETECTORS
 LOW FREQUENCY
 HIGH FREQUENCY
 TEST METHODS
 FIELD EMISSION

68 00240 NAT U
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 JESPERSEN, J. L.
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 DESIGN
 TIME
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 COMMUNICATION THEORY
 BANDWIDTH
 VERY LOW FREQUENCY
 NOISE
 SYNCHRONIZATION /ELECTRONICS/
 MATHEMATICAL ANALYSIS

68 00241 NAT U
 09-C
 SCAFFEN, R.
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 ORGANIC CHEMISTRY - AIR POLLUTION STUDIES -
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 SYNTHESIS OF RESEARCH MATERIALS - NOVEL
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 ANALYSIS OF CARBOHYDRATES - OCCURRENCE,
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 CHEMICALS
 CHEMISTRY
 MONOSACCHARIDES
 ISOTOPES

68 00242 NAT U
 02-H
 LEDERER, P. S.
 NATIONAL BUREAU OF STANDARDS,
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 LIFE CYCLING, TEST ON SEVERAL STRAIN
 GAGE PRESSURE TRANSDUCERS.#
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 NBS-TN-434
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 STRAIN GAGES
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 HYSTERESIS
 TEST METHODS
 LIFE CYCLING

68 00243 NAT U
 0R-D
 RIBBINS, D.
 ENGLERT, A. J.
 NATIONAL BUREAU OF STANDARDS,
 WASHINGTON, D. C.
 DISCLOSURES ON - AUTOSORT-AN
 AUTOMATIC COLLATING AND SORTING MACHINE,
 OPTICAL HETERODYNE REFRACTOMETER, LIQUID
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 SAFETY HARNESS
 TESTING EQUIPMENT
 OPTICAL EQUIPMENT
 AUTOSORT
 HETERODYNE

68 00244 NAT U
 07-G
 KATZMAN, J. L.
 NORTON, J. M.
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 AIDED STUDY TO BLIND FLYING AND A
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 READING
 SIGHTS
 RESEARCH MATERIAL

68 00245 NAT U
 05-E
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 PSYCHOLOGICAL CORP., NEW YORK.
 A METHOD OF INCREASING THE MANEUVERABILITY
 OF HIGH SPEED AIRCRAFT WITHIN THE LIMIT OF
 HUMAN TOLERANCE TO G FORCES.#
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 PILOTS
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 ACCELERATION

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 REACTION /PSYCHOLOGY/

68 00247 NAT U
 01-D
 PANZARELLA, P. P.
 AERONAUTICAL SYSTEMS DIV, DEPUTY FOR FLIGHT
 TEST, WRIGHT-PATTERSON AFB, OHIO.
 AERODYNAMIC EVALUATION OF THE RC-119C
 AIRCRAFT.#
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 JUN 1967, 56 P, ILLUS
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 AD-818 375
 FLIGHT TESTING
 AIRSPEED
 TAKE-OFF
 LANDING
 HANDLING
 CLIMBING
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 CONTROL
 MILITARY AIRCRAFT
 RC-119C AIRCRAFT

0965 00

68 00248
12-A
TAYLOR, D. L.
LOCKHEED CALIFORNIA CO., BURBANK, CALIF.
PRELIMINARY TESTS OF 1.0 IN. DIA. ROD SEALS
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GENERAL DISTRIBUTION
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LM-19311
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METALS
RELIABILITY

NAT U

68 00249
12-1
MUNNICHAM, F. T.
NAVAL MISSILE CENTER, POINT MUGO, CALIF.
AN OPERATIONAL METHOD FOR MEASURING
A CROSS SECTION OF AN AIRBORNE TARGET.#
GENERAL DISTRIBUTION ONLY
AUG 1967, 42 P, ILLUS
LM-67-66
AIRCRAFT
AIRCRAFT TARGETS
MEASUREMENT
RADAR
RANGES/DISTANCE/

NAT U

68 00250
08-1
ZALIVICK, J. A.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
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GENERAL DISTRIBUTION
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TWO-1ST
ALTITUDE
NOISE
MEASUREMENT
JET/JET ENGINES
TRANSPORT PLANES
AIRCRAFT
APPROACH
NOISE ABATEMENT

NAT U

68 00251
02-1
TODD, J. W.
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
A FUNCTIONAL COMPARISON DECOMPRESSION
OF BASIC RESTRAINT SYSTEMS IN AIRCRAFT.#
GENERAL DISTRIBUTION
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AD-660 202
SAFETY HARNESS
TEST METHODS

R NAT U

68 00252
02-1
MCFADDEN, E. B.
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WASHINGTON, D. C.
PERFORMANCE CHARACTERISTICS OF
CONSTANT FLOW PHASE DILUTION - OXYGEN MASK
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OXYGEN MASKS
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RESPIRATION
OXYGEN DILUTION

R NAT U

68 00253
07-8
COGEL, W. C.
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OPTICAL TRACKING

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AIR TRAFFIC CONTROL RESEARCH TASK.#
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AIRPORT RADAR SYSTEMS
SCIENTIFIC RESEARCH

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68 00255
12-A
HAMILTON, W. F.
LOCKHEED CALIFORNIA CO., BURBANK, CALIF.
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STANDARDS
HYDRAULIC FLUIDS
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SUPERSONIC TRANSPORTS
CHEMICAL PROPERTIES
OPERATION
EFFECTIVENESS

NAT U

68 00256
12-A
MORHAUX, C. M.
LOCKHEED CALIFORNIA CO., BURBANK, CALIF.
SST ENGINE INLET DUCT SEAL TEST - PHASE 120
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JET ENGINE INLETS
DUCTED INLETS
TITANIUM
COATINGS
TEST METHODS

NAT U

68 00257
02-C
THOMAS, D. K.
KAY, F.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
COMPRESSION SET RESISTANCE IN SILICONE
FOAMERS.
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KUMMER
SILICONE
TEMPERATURE
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VULCANIZATION
CURING

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68 00258
02-F
SWEARINGEN, M. S.
FEDERAL AVIATION ADMINISTRATION,
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HAZARDS IN SMALL PRESSURIZED AIRCRAFT.
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HAZARDS
PRESSURIZED CABINS
AIRCRAFT CABINS
EJECTION
HEAD
WOUNDS AND INJURIES

NAT U

68 00259
07-C
PERRY, H. L.
NAVAL RESEARCH LAB., WASHINGTON, D. C.
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DESIGN, AND DEVELOPMENT.
A SUMMARY REPORT OF NRL RESEARCH ON
NIGHT CARRIER LANDING.
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CARRIER LANDING
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DISPLAY SYSTEM
NRLS / ZEMLIN OPTICAL LANDING SYSTEM /
NRLS / ZEMLIN HOK OPTICAL LANDING SYSTEM /
NRLS / ZEMLIN LINS OPTICAL LANDING SYSTEM /
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68 00260
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EJECTION
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PRODUCTION
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GREAT SOCIETY

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68 00263
06-K
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FREQUENCY
POLARIZATION
CLIMATOLOGY
RADIO TRANSMITTERS

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BR 00264 NAT U
01-C
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FLUID DYNAMIC PROPERTIES

68 00265 NAT'L
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STABILITY

68 00266 NAT U
OR-C
MATRY, M. P.
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68 00268 NAT U
07-G
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08-K
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08 00271 NAT U
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 HIGH TEMPERATURE RESEARCH
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68 00273 NAT U
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68 00280 NAT U
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 OPTICS

68 00281 NAT U
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 FIRE SAFETY
 FLIGHT TESTING
 AIR CARRIERS
 IL-14 AIRCRAFT

68 00285 NAT U
 08-F
 MCNICKLE, M. F.
 AIR MATERIEL AREA, TINKER AFB, OKLA.
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 DATA STORAGE SYSTEMS
 CONTROL SYSTEMS
 NUMERICAL CONTROL DATA

68 00286 NAT U
 06-E
 WENDLAND, G. E.
 AIR FORCE COMMUNICATIONS SERVICE, OFFICE OF
 OPERATIONS RESEARCH ANALYSIS, SCOTT AFB, ILL.
 FIXED GROUND POWER IN SUPPORT OF
 COMMUNICATIONS AND ELECTRONIC EQUIPMENT.#
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 AFCS /AIR FORCE COMMUNICATIONS SERVICE/

58 00287 NAT U
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BRAND, F. A.
GRIFFIN, V.
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NOISE
SOLID STATE PHYSICS
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SEMICONDUCTOR DEVICES

64 00288 NAT U
10-A
WEBB, W. L.
ATMOSPHERIC SCIENCES LAB., WHITE SANDS
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SKY BRIGHTNESS
AURORAE
METEOROLOGICAL INSTRUMENTS
EXOSPHERE

64 00249 NAT U
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FREQUENCY
MOLECULAR PROPERTIES
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OSCILLATIONS
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SATELLITES /ARTIFICIAL/
CONTROL

68 00290 NAT U
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MILLER, J. W.
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HUMAN ENGINEERING

68 00291 NAT U
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RELIABILITY AND MAINTAINABILITY DATA-SUMMARY
GUIDE.#
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JAN 1967, 222 P, TABLES
N00141-66C-0151
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RELIABILITY
MAINTAINABILITY
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NAVY
AIR FORCE
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64 00292 NAT U
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LUREN, D. L.
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VERY LOW FREQUENCY
OMEGA NAVIGATION

68 00293 NAT U
11
EISENBERG, R. L.
WILLIAMS, M. F.
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NAVIGATIONAL AIDS
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DIURNAL VARIATIONS
ANTENNAS
ELECTROSTATIC PRECIPITATION
OMEGA NAVIGATION

68 00294 NAT U
10-G
ETTEL, M. J.
MORGAN, W. A.
NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF.
NUMERICAL FORECASTING OF CLEAR AIR
TURBULENCE.#
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WEATHER FORECASTING

68 00295 NAT U
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WISSKUPK, W. M.
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PERFORMANCE AND PROGRAM BUDGETING.
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BUDGETS
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68 00296 NAT U
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GT. BRIT. MINISTRY OF TECHNOLOGY,
MILLHANK TOWER, LONDON.
REPORT NUMBER TWO OF THE COMMITTEE ON
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ELECTRONIC EQUIPMENT
SPECIFICATIONS
QUALITY CONTROL

68 00297 NAT U
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KOROLSKII, V. N.
ACADEMY OF SCIENCES OF THE U.S.S.R. INST.
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ROCKETS
ROCKET PLANES
ARMED FORCES SUPPLIES
RUSSIA

68 00298 NAT U
07-A
LYKOV, A. V.
SMOLSKII, H. M.
ISRAEL PROGRAM FOR SCIENTIFIC TRANSLATIONS,
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HEAT AND MASS TRANSFER. VOLUME 1.
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NASA-TTF-431
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PIPES
GEOMETRIC FORMS
INTENSITY
ORGANIC COMPOUNDS
COOLING
CONVECTION

68 00299 NAT U
02-N
MARSH, K. R.
LTV AEROSPACE CORP., DALLAS.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.
ADDITIONAL STUDIES ON THE FEASIBILITY
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AIRCRAFT.
GENERAL DISTRIBUTION
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AIRPLANE NOISE
TURBOPROPELLER JET ENGINES
PROPULSION
SHORT TAKE-OFF PLANES

68 00300 NAT U
09-G
WEBER, K. E.
DAVIS, A. U.
LOCKHEED CALIFORNIA CO., BURBANK, CALIF.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
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HAMPTON, VA.
STRESS CORROSION OF TITANIUM
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ENVIRONMENTAL TESTS
HOT SALT

68 22301 NAT U
10-A
LOWMAN, P. D., JR.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
GODDARD SPACE FLIGHT CENTER, GREENBELT, MD.
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AERODYNAMIC CHARACTERISTICS
PITCH /MOTION/

ROLL

TILT WINGS

WIND TUNNELS

68 00303

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ATOMIZATION

68 00304

NAT U

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FAR FIELD
EQUATIONS
STANDARDS

68 00305

NAT U

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LIFT
BOUNDARY LAYER CONTROL
TRAILING EDGE
FLAPS

68 00306

NAT U

01-D
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DEFLECTION
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68 00307

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AEROSPACE CRAFT

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68 00308 NAT U
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AERODYNAMIC CHARACTERISTICS
DEFLECTION

68 00309 NAT U
07-F
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X-15 AIRCRAFT
SAS /STABILITY AUGMENTATION SYSTEMS/

68 00310 NAT U
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MACH NUMBER
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MODEL TESTS
CONICAL HOODS
CYLINDRICAL HOODS

68 00311 NAT U
12-A
CHAMBERLAN, R. E.
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FUEL TANKS
ORGANIC COMPOUNDS
DESIGN

68 00312 NAT U
10-C
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68 00313 NAT U
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68 00314 NAT U
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68 00315 NAT U
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68 00316 NAT U
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68 00317 NAT U
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68 00318 NAT U
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 CIRCUITS
 TRANSISTORS
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68 00319 NAT U
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 REITER, E. R.
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 COLORADO STATE UNIV., FORT COLLINS, DEPT. OF
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 AERODYNAMIC FORCES
 TRAILING EDGE
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68 00320 NAT U
 01-G
 KIRBY, D. A.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
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 AERODYNAMIC FORCES
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68 00321 NAT U
13-J
GILBERT, R. H.
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68 00322 NAT U
06-C
SCHELL, A. C.
STROM, J. A.
AIR FORCE CAMBRIDGE RESEARCH LABS.,
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ANTENNA RADIATION PATTERNS
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MEASUREMENT
HIGH FREQUENCY

68 00323 NAT U
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IONOSPHERE
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ELECTRONS
ELECTROMAGNETIC WAVES

68 00324 NAT U
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68 00325 NAT U
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BATTELLE MEMORIAL INST., COLUMBUS, OHIO.
AIR FORCE AEROPROPULSION LAB.,
WRIGHT-PATTERSON AFB, OHIO.
A STUDY OF THE INFLUENCE OF LUBRICANTS ON
HIGH-SPEED ROLLING-CONTACT BEARING
PERFORMANCE.
RESEARCH ON ELASTOHYDRODYNAMIC LUBRICATION
ON HIGH-SPEED ROLLING CONTACTS. PART IV.
NO FOREIGN
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ROLLER BEARINGS
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68 00326 NAT U
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STRUP, P. B.
AIR FORCE FLIGHT TEST CENTER,
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EVALUATION OF THE C-130E STABILITY AND
CONTROL CHARACTERISTICS DURING TANDE
SEQUENTIAL AND SINGLE-PLATFORM TAPES
DELIVERIES AND AIRDROP DELIVERIES.
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AD-823 602
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AIR-DROP OPERATIONS
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PILOTS
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LOADING /MECHANICS/
MILITARY AIRCRAFT
STRUCTURAL PARTS
FLIGHT TESTING

68 00327 NAT U
02-A
MUNTER, M. J.
AIR FORCE FLIGHT TEST CENTER,
EDWARDS AFB, CALIF.
PERFORMANCE EVALUATION OF A 25,000-TO
35,000 POUND CAPACITY EXTRACTION SYSTEM
FOR THE C-141A AIRCRAFT.
NO FOREIGN
NOV 1967, 63 P, ILLUS
FTC-TR-67-23
AD-824 145
A14-DROP OPERATIONS
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FLIGHT TESTING
MILITARY AIRCRAFT
C-141A AIRCRAFT

68 00328 NAT U
01-D
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EC-47N/P LIMITED PERFORMANCE
TESTS.
NO FOREIGN
NOV 1967, 62 P, ILLUS, 5 REFS
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AD-823 530
FLIGHT TESTING
MILITARY AIRCRAFT
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LIFT
DNAG
EC-47N/P AIRCRAFT
MODIFICATION
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FLIGHT CHARACTERISTICS

68 00329 NAT U
12-B
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AIRCRAFT.
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SUPERSONIC TRANSPORTS
AERODYNAMIC CHARACTERISTICS
AERODYNAMIC CONFIGURATIONS
DNAG
LIFT
BOUNDARY LAYER CONTROL

68 00330 NAT U
02-E
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AIR FORCE SYSTEMS COMMAND, FOREIGN
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A METHOD FOR MEASURING THE VERTICAL
VELOCITY OF AN AIRCRAFT IN THE ENTIRE
FREQUENCY SPECTRUM OF ITS VARIATION.
TRANSLATION FROM RUSSIAN.
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VELOCITY
AIRCRAFT

68 00331 NAT U
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AD-660 860
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BAND-PASS FILTERS
THEORY
CIRCUITS

68 00332 NAT U
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MCDONNELL, F., DR.
AMERICAN ELECTRONICS LABS., INC.,
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ROME AIR DEVELOPMENT CENTER,
GRIFFISS AFB, N. Y.
IMPROVED VIDEO DETECTORS.
NO FOREIGN
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RADG-TR-67-489
AD-823 542
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VIDEO AMPLIFIERS

68 00333 NAT U
02-G
FAGEN, C. H.
BELL HELICOPTER CO., FORT WORTH, TEX.
ARMY AVIATION MATERIEL LABS.,
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EVALUATION OF LAMINATED ELASTOMERIC
BEARINGS IN THE UH-1 HELICOPTER TAIL
ROTOR.
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AD-661 614
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BEARINGS
ROTOR BLADES /ROTARY WINGS/
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UH-1 HELICOPTER

68 00334 NAT U
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 CRAWFORD, H. R.
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 RESEARCH DIV., RICHARDSON, TEX.
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 INVESTIGATION OF HYDRAULIC POWER
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 AIRCRAFT.#
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 AD-661 311
 HYDRAULIC SYSTEMS
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 SHORT TAKE-OFF PLANES
 HELICOPTERS
 OPERATION
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 WEIGHT
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 ENVIRONMENTAL TESTS
 HYDRAULIC FLUIDS

68 00335 NAT U
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 HART, J. E.
 LOCKHEED-GEORGIA CO., MARILTTA, GA.
 C-5A FLIGHT CONTROL REPORT /AFROSPACE
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 AUTOMATIC PILOTS
 YAW
 PITCH /MOTION/
 ANGLE OF ATTACK
 HYDRAULIC SYSTEMS
 ELECTRICAL EQUIPMENT
 SERVOMECHANISMS
 AEROSPACE CRAFT
 C-5A AIRCRAFT
 RUDDER
 THRUSTLE

68 00336 NAT U
 02-E
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 MILLER, G. E.
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 YAW
 SIMULATION
 HANDLING
 ALLIUM
 CONTROL
 DUTCH ROLL
 STABILITY
 VARIABLE STABILITY SYSTEMS

68 00337 NAT U
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 GRAPHIC ROCKET

68 00338 NAT U
 07-U
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 OHIO STATE UNIV., COLUMBUS.
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 STUDIES OF PILOT PERFORMANCE IN
 HELICOPTERS.#
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68 00339 NAT U
 09-D
 WEISS, V.
 SESSLER, J. G.
 AIR FORCE MATERIALS LAB.,
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 AEROSPACE STRUCTURAL METALS HANDBOOK.#
 VOLUME II.
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68 00340 NAT U
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 WEISS, V.
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68 00341 NAT U
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AD-854 405
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RE-ENTRY VEHICLE
ENVIRONMENTAL TESTS

68 00386
08-A
SPENCER, D. E.
HOWARD UNIV., WASHINGTON, D. C.
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JAPAN
TAIWAN
KOREA
MILITARY
PACIFIC COUNTRIES
ECONOMIC REDEVELOPMENT

68 00387
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KSIENSKI, A. A.
HUGHES AIRCRAFT CO., FULLERTON CITY, CALIF.
AIR FORCE CAMBRIDGE RESEARCH LABS.,
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AFCL-67-0632
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DESIGN
NAVIGATIONAL AIDS
DISPLAY SYSTEMS
TRANSCOMMUNICATION

68 00388 NAT U
06-C
EHRENSPECK, H. W.
AIR FORCE CAMBRIDGE RESEARCH LABS.,
L. G. HANSCOM FIELD, BEDFORD, MASS.
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RADIO ASTRONOMY.#
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AD-662 587
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ULTRAHIGH FREQUENCY
COMMUNICATION SYSTEMS
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ANTENNA RADIATION PATTERNS
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68 00389 NAT U
02-E
AUSTIN, W. H.
GENERAL PRECISION SYSTEMS, INC.,
BINGHAMTON, N. Y.
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WRIGHT-PATTERSON AFB, OHIO.
ENGINEERING MEMORANDUM FOR THE PROTOTYPE
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AF33/615/-3952
LIM-67/14
AD-817 612
DESIGN
NAVIGATIONAL AIDS
DISPLAY SYSTEMS

68 00390 NAT U
04-M
WALSH, T.
BEST, G.
GENERAL ELECTRIC CO., KING OF PRUSSIA, PENNA.
HOME AIR DEVELOPMENT CENTER,
GRIFFISS AFB, N. Y.
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PARTS.#
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AD-819 853
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ELECTRONIC EQUIPMENT
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68 00391 NAT U
01-E
MCINTYRE, H. H.
HASHEM, J. S.
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MANEUVERABILITY
PITCH /ROTATION/
ROLL
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OH-2 HELICOPTER

68 00392 NAT U
10-A
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SONA, D. F.
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TAN, P. M.
HALE, R. W.
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KUMMEN, H. W.
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SAFETY

68 00395 NAT U
02-D
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67 00446
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WILSON, T. L.
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OCT 1967, 33 P
SD-271-30
TASK-67-20
AD-662 403
PROCUREMENT
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CONTRACTS

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AD-655 815
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68 00399
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KUSINTHAL, R.
CHUNG, J.
WRIGHT, J.
VOGL, J.
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RESEARCH PLANES
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THEOPHIL, J. L.
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AGARD-CP-14
AD-661 145
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09-B
ROGERS, M. J.
MYTH, H. W. G.
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NO FOREIGN
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RAE-TR-67090
AD-619 892
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68 00402
06-F
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68 00403
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PHILLIPS, L. G.
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RAE-TR-67021
AD-618 892
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DESIGN

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68 00408 U
02-C
ANDREWS, T. R.
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PERFORMANCE TESTS ON BRUSHLESS SYNCHROS.#
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AD-824 540
ELECTRICAL IMPEDANCE
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68 00409 U
01-C
COOKE, J. C.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
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THE REFRACTION OF SOUND BY A VORTEX.#
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AD-824 262
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68 00410 U
01-U
KITTLE, J. J.
KIRBY, D. A.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
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LOW-SPEED WIND-TUNNEL TESTS ON THE EFFECTS
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SUPERSTALL CHARACTERISTICS OF TRANSPORT
AIRCRAFT.#
NO FOREIGN
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68 00411 U
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PARAMETERS FROM OBSERVATIONS OF SPECULAR
REFLECTION TIMING.#
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AD-822 615
SATELLITES /ARTIFICIAL/
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MATHEMATICAL ANALYSIS
MATHEMATICAL MODELS
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68 00412 U
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TEMPLIN, R. J.
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AD-819 596
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02-N
PEAKE, D. J.
DELLA VALLE, N. J.
CANADA, NATIONAL RESEARCH COUNCIL,
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TEMPERATURE
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68 00414 U
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PEAKE, D. J.
CANADA, NATIONAL RESEARCH COUNCIL,
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N68-1316
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CL-41 TUTOR AIRCRAFT

68 00415 U
02-N
ROTHWELL, N. J.
WESTLAND AIRCRAFT, LTD., LONDON,
GT. BRIT. MINISTRY OF TECHNOLOGY,
DIRECTORATE OF MATERIALS RESEARCH
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PLASTICS IN THE HESSER HELICOPTER TO PREVENT
CORROSION.
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AD-662 371
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68 00416 U
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MORRIS, H. M.
THOMAS, H. M.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
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PROPOSED TERMS FOR DESCRIBING SOME
PROPERTIES OF PHYSICAL SYSTEMS
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MURPHY, J. J.
FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D.C.
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68 00418 U
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READOR, R. M.
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CONTROL OF PERIODIC MAINTENANCE THROUGH
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MASIELLO, N. J.
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FUTURE APPLICATIONS OF MAINTENANCE
RELIABILITY SYSTEMS FOR THE SMALL FLEET
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68 00421 U
 02-D
 GUN, M.
 EASTERN AIR LINES, MIAMI, FLA.
 EASTERN AIR LINES REAP - RELIABILITY
 ENGINEERING ANALYSIS AND PLANNING PROGRAM.#
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 REAP /RELIABILITY ENGINEERING ANALYSIS
 AND PLANNING/

68 00422 U
 02-A
 GREGORY, H. S.
 BEECH AIRCRAFT CORP., WICHITA, KANS.
 BEECHCRAFT SUPPORT FOR THE BEECHCRAFT 99.#
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 TRUNKLINE GAS CO.
 CONTINUED AIRWORTHINESS AS SEEN BY THE
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 AIRWORTHINESS
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 MAINTENANCE

68 00424 U
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 MAINTAINABILITY AND RELIABILITY OF
 AIRCRAFT SYSTEMS.#
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 MAINTAINABILITY
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68 00425 U
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 SMITH, R. N.
 UNITED AIRCRAFT CORP. HAMILTON STANDARD DIV.,
 WINSTON SUEKS, CONN.
 ASSURING RELIABILITY IN JET FUEL
 CONTROLS.#
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68 00426 U
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 ROBERSON, K. D.
 NELSON, B. D.
 AMERICAN AIRLINES, MAINTENANCE AND
 ENGINEERING CENTER, TULSA, OKLA.
 THE VALUE OF MAINTENANCE.#
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 NOV 1967, 27 P
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68 00427 U
 08-F
 ROGERS, R. A.
 AMERICAN AIRLINES, MAINTENANCE AND
 ENGINEERING CENTER, TULSA, OKLA.
 INTEGRATION OF AIRBORNE DATA RECORDERS
 AND GROUND-BASED COMPUTERS FOR ENGINE
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68-00428 U
GEO
WRIGHT, R. M.
CELLING RADIO CO., CLEAR LAKE, ILL.
NEW DEVELOPMENTS IN AUTOMATIC TEST
AND CHECKOUT EQUIPMENT.
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GENERAL CORP., WEST
SELF TEST AUTOMATIC TEST
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FAA EVALUATION REPORT ON THE
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68-00431 U
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TRAINING SERVICE, WASHINGTON, D. C.
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STANFORD RESEARCH INST., MENLO PARK, CALIF.
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FORECASTING CLEAR AIR TURBULENCE
COMPUTER TECHNIQUE.
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SRDS-RD-67-45
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ALL-WEATHER AVIATION
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68-00435 U
GEO
PIPER, R. G.
WILLIAMS ELECTRIC CO., INC., KANSAS CITY, MO.
FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE.
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RECEIVER SYSTEM, PVOR #72.0 FINAL REPORT.
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FAA-144-1269
PROJ-130-004-01N
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AD-664-723
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68-00436 U
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SCOTT, J. N., III, CAPT.
WALKER, J. L., CAPT.
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PATTERSON AIR FORCE, OHIO.
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AD-664-661
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68 00445 NAT U
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HOWELL, B. D.
PAGET, F. W.
PENNSYLVANIA ELECTRIC PRODUCTS, INC.,
SALEM, MASS.
ELECTROLUMINESCENT AIRFIELD LIGHTING
SYSTEM.# FINAL REPORT,
GOVERNMENT AGENCIES
JAN 1967, 40 P, ILLUS
DA-18-001-AMC-90100
LWL-CR05065
AD-820 5511
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68 00446 NAT U
04-C
DOYLE, T.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
THE TRANSMISSION OF INFRARED RADIATION
FOR AND ITS APPLICATION TO THE TELEVISION
GENERAL DISTRIBUTION
JAN 1963, 12 P, ILLUS, 27 REFS
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68 00447 NAT U
04-E
GODDARD, E. A.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
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A METHOD OF INDICATING DISTANCE-TO-GO ALONG
A RUNWAY.#
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RAF-TM-REF-99
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68 00448 NAT U
04-E
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THOMAS, J. H. M. M.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
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GODDARD, E. A.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
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68 00450 NAT U
04-E
GODDARD, E. A.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
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SNOW REMOVAL
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68 00451 NAT U
04-D
BISHOP, D. E.
BOLT, BERANEK AND NEWMAN, INC., VAN NUYS,
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FREQUENCY SPECTRUM AND TIME DURATION
DESCRIPTIONS OF AIRCRAFT FLYOVER NOISE
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DS-67-6
AD-624 927
AIRPLANE NOISE
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68 00452 NAT U
13-A
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PH-100 884
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68 00453 NAT U
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 HODGES, J. D., JR.
 TAYLOR, C. C.
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 MCCORD, R. B.
 NORTH AMERICAN AVIATION, INC.,
 ANAHEIM, CALIF.
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68 00454 NAT U
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68 00455 NAT U
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 WHITE, B. L.
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 OH-35 HELICOPTER.#
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68 00456 NAT U
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68 00459 R NAT U
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 REYNOLDS, E. S.
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 SERVICE, WASHINGTON, D. C.
 A ROUTE IFR AIR TRAFFIC RELATIONSHIPS.#
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 NOV 1967, 284 P
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 AD-665 299
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 GENERAL AVIATION AIRCRAFT
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68 00460 NAT U
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 JUL 1967, 65 P, ILLUS, TABLES, 12 PERS
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68 00461 NAT II
 10-D
 KOEPFEN, S., M.D.
 CITY HOSPITAL, INTERNAL DIV.,
 WOLFSBURG, GERMANY.
 PERSONS INJURED BY LIGHTNING.
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 OCT 1967, 12 P
 NMS-TRANS-1213
 AD-822 707
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68 00463 NAT II
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 CARR, J. G.
 SCOTT, D. L., SR., LTR.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
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 SEP 1967, 33 P, TABLES, 8 REFS
 RAE-TN-67221
 AD-824 975
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68 00464 NAT II
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 G. H. REEDE, C. H.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
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 AD-823 794
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68 00465 NAT II
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 REEDE, C. H.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
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68 00466 NAT II
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 REEDE, C. H.
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68 00467 NAT II
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 GT. BRIT. AERONAUTICAL RESEARCH COUNCIL
 SOME CALCULATIONS OF THE TAKE-OFF BEHAVIOR
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 1967, 47 P, ILLUS, 12 REFS
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68 00468 NAT U
02-E
AMSHER, J. M.
RACHEL, R. R.
AIR FORCE INST. OF TECH.,
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AUG 1967, 94 P, TABLES
SLSH-76-87
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68 00469 NAT U
02-E
TOMLIN, K. M.
LOCKHEED-GEORGIA CO., MARIETTA, GA.
C-5 FLIGHT CONTROL REPORT
/AEROSPACE VEHICLE/ STABILITY AND CONTROL.#
NO FOREIGN
DEC 1967, 350 P, ILLUS
US33(657)1553
AD-824 159
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68 00470 NAT U
02-A
MURPHY, J. V.
LITTON SYSTEMS, INC., WOODLAND HILLS, CALIF.
INTEGRATED COCKPIT RESEARCH PROGRAM.#
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NORR-49611001
AD-662 185
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68 00471 NAT U
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KING, G. E.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
CIVIL AIRCRAFT AIRWORTHINESS DATA
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DECEMBER 1965).#
NO FOREIGN
MAR 1967, 5 P, ILLUS
RAE-TR-47071
AD 823 143
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68 00472 NAT U
01-C
ATHWOOD, V. M.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
THE EFFECTS OF TRAILING VORTICES ON THE SAF
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NO FOREIGN
JUL 1967, 27 P, TABLES, 7 REFS
RAE-TR-6702/2
AD-822 717
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68 00473 NAT U
09-B
GLASSER, J.
FLEISCHER, A.
CHEMICAL AND METALLURGICAL RESEARCH, INC.,
CHATTANOOGA, TENN.
FUEL CELLS FOR AIR FORCE REQUIREMENTS.#
NO FOREIGN
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AF16151-3527
AFAPL-TR-67-127
AD-823 896
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68 00474 NAT U
02-J
ZALUYCER, J. A.
NORTH ATLANTIC TREATY ORGANIZATION, PARIS.
ADVISORY GROUP FOR AERONAUTICAL RESEARCH AND
DEVELOPMENT.
GROUND DECELERATION AND STOPPING OF
LARGE AIRCRAFT.#
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AGARD-A-231
AD-561 954
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68 00475 NAT U
06-A
BUSSEY, D. T.
POPE, W. T.
VARIAN ASSOCIATES, SAN CARLO, CALIF.
ROME AIR DEVELOPMENT CENTER,
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NO FOREIGN
OCT 1967, 108 P, ILLUS, TABLES, 9 REFS
AF3016021-3954
RADC-TR-67-497
AD-822 937
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68 00476 NAT U
04-D
FRANKEN, P. A.
BISHOP, D. E.
ROLT, BERANEK AND NEWMAN, INC.,
VAN NUYS, CALIF.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
WASHINGTON, D. C.
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NASA-CR-767
N67-25053
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DENVER STAPLETON AIRPORT

68 00477 NAT U
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RICHARDS, J. L.
NAVAL ELECTRONIC SYSTEMS COMMAND, TEST AND
EVALUATION FACILITY, PATUXENT RIVER, MD.
TECHNICAL EVALUATION OF DIRECTION FINDER
SET AN/GRD-11A.# FINAL REPORT.
GOVERNMENT AGENCIES ONLY
NOV 1967, 19 P, ILLUS
NESTEF-PR-PROR-67-44
AD-822 809
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68 00478 NAT U
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JONES, K. E.
MAYES, P. E.
ILLINOIS. UNIV., URBANA. DEPT. OF ELECTRICAL
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AIR FORCE AVIONICS LAB., WRIGHT-PATTERSON
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OCT 1967, 130 P, ILLUS, 49 REFS
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68 00479 NAT U
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JONES, K. E.
MAYES, P. E.
ILLINOIS. UNIV., URBANA. DEPT. OF ELECTRICAL
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AIR FORCE AVIONICS LAB., WRIGHT-PATTERSON
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RELATIONSHIPS BETWEEN CONTINUOUSLY SCALED,
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68 00480 NAT U
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JONES, K. E.
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ILLINOIS. UNIV., URBANA. DEPT. OF ELECTRICAL
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AFB, OHIO.
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68 00481 NAT U
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ROEBUCK, J. A., Jr.
NORTH AMERICAN ROCKWELL CORP. AEROSPACE AND
SYSTEMS GROUP, LOS ANGELES,
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
NEW CONCEPTS FOR EMERGENCY EVACUATION OF
TRANSPORT AIRCRAFT FOLLOWING SURVIVABLE
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GENERAL DISTRIBUTION
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FAG7WA-1766
RD-67-69-011-01H
DS-68-2
AD-665 329
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68 00482 NAT U
11-1
STAEHLING, D. M.
WILCOX ELECTRIC CO., INC., KANSAS CITY, MO.
FEDERAL AVIATION ADMINISTRATION,
SYSTEMS RESEARCH AND DEVELOPMENT SERVICE,
WASHINGTON, D. C.
INVESTIGATION AND DEVELOPMENT OF
MODIFICATIONS TO RESOLVE AIRBORNE/GROUND
SIDE-PATH TRACKING PROBLEMS.#
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FAG7WA-1636
RD-67-69
AD-665 039
SIDE-PATH SYSTEMS
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68 00483 NAT U
11-1
EDWARDS, W. M.
RT. BRIT. MINISTRY OF TECHNOLOGY,
RESEARCH RATE OF MATERIALS RESEARCH AND
DEVELOPMENT, LONDON.
THE FIFTEENTH MEETING OF INTERNATIONAL
STANDARDIZATION ORGANIZATION TECHNICAL
COMMITTEE 45-000000.# MILAN, SEPTEMBER, 1967.
NO FOREIGN
NOV 1967, 12 P
COMAT-45-149
AD-624 634
SCIENTIFIC SEARCH
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68 00484 NAT U
11-1
GARRATT, P. G.
DODGIE, S. E. A.
RT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
A STUDY OF THE EFFECT OF TEMPERATURE AND
DEPTH OF DISCHARGE ON THE PERFORMANCE AND
CYCLE LIFE OF HERMETICALLY SEALED
NICKEL-CADMIUM CELLS.#
GENERAL DISTRIBUTION
FEB 1967, 29 P, ILLUS, TABLES, 8 REFS
FAG7WA-67026
A-670 467
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68 00485 NAT U
11-1
GRIFF, L. A.
GRIFF, L. A.
RT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
FARNBOROUGH, HANTS, ENGLAND.
LOW-SPEED MEASUREMENTS OF SKIN-FRICTION ON
A LARGE HALF-MODEL SLENDER WING.#
NO FOREIGN
NOV 1967, 13 P, ILLUS, 2 REFS
FAG7WA-67209
AD-674 543
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68 00486 NAT U
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GUTH, J. B.
GENERAL ELECTRIC CO., DAYTONA BEACH, FLA.
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LOCKHEED CALIFORNIA CO., BURBANK, CALIF.
HYDRAULIC FLUID SELECTION AND DEVELOPMENT.#
GENERAL DISTRIBUTION
DEC 1965, 60 P, ILLUS
LR-19293
HYDRAULIC FLUIDS
SELECTION
DESIGN
FLAMMABILITY
MECHANICAL PROPERTIES

68 00531 NAT U
12-H
PARRY, H. J.
OTTO, E. A.
LOCKHEED CALIFORNIA CO., BURBANK, CALIF.
RADIATION OF COMPRESSOR NOISE FROM AN SST
SCALE MODEL INLET.
GENERAL DISTRIBUTION
JUL 1966, 50 P, ILLUS, TABLES
LR-19946
AD-815 162L
PROPAGATION
SUPERSONIC TRANSPORTS
MODEL TESTS
JET ENGINE INLETS
COMPRESSOR NOISE
MEASUREMENT

64 00532 R NAT U
02-H
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
PROCEEDINGS OF A SYMPOSIUM, PILOT
WARNING INSTRUMENTS.
GENERAL DISTRIBUTION
DEC 1967, 195 P, ILLUS
AD-666 122
SYMPOSIA
FEDERAL AVIATION ADMINISTRATION
COLLISION AVOIDANCE
PILOT WARNING INDICATORS
AVIATION SAFETY

68 00533 NAT U
02-H
PATTERSON, E. M., LT. COL.
ARMY AIRBORNE ELECTRONICS AND SPECIAL
WARFARE BOARD, FORT BRAGG, N. C.
REPORT OF SERVICE TEST /AIR DELIVERY/ OF
C-141 USAF JET CARGO AIRCRAFT /STARLIFTER/.
PROPRIETARY
AUG 1967, 344 P, ILLUS, TABLES
AR-1966
AD-821 939
JET TRANSPORT PLANES
LARGO
AIR-DROP OPERATIONS
MILITARY AIRCRAFT
TEST METHODS
EMERGENCY PROCEDURES
AVIATION SAFETY
AIR TRANSPORTATION
C-141 AIRCRAFT

68 00534 NAT U
09-H
CENTERS, P. W.
HURLEY, W. A.
DAYTON, OHIO, UNIV. RESEARCH INST.
AIR FORCE AERO PROPULSION LAB.,
WRIGHT-PATTERSON AFB, OHIO.
A GAS-LIQUID CHROMATOGRAPHIC METHOD OF
ANALYSIS FOR SYNTHETIC TURBINE ENGINE
CONTAMINANTS.
NO FOREIGN
DEC 1967, 33 P, ILLUS, TABLES, 10 REFS
AF33/615/2692
DORI-TR-60-01
AFAPL-TR-67-157
AD-825 994
ILLUS
CHROMATOGRAPHIC ANALYSIS
CONTAMINANTS
GAS TURBINES
DESIGN

68 00535 NAT U
02-H
COMPTON, T.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
EXPERIMENTAL FLIGHT INSTRUMENTS.
NO FOREIGN
DEC 1967, 20 P, ILLUS
AF33/615/4271
GRN-67-1324
AFFDL-TR-67-143
AD-825 831
FLIGHT INSTRUMENTS
TEST METHODS
ATTITUDE INDICATORS
DESIGN
DISPLAY SYSTEMS

68 00536 NAT U
07-H
MYERS, W. S.
BUNKER-RAND CORP., CANOGA PARK, CALIF.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
ACCOMMODATION EFFECTS IN MULTI-COLUMN
DISPLAYS.
NO FOREIGN
DEC 1967, 25 P, ILLUS, TABLES, 4 REFS
AF33/615/5225
AFFDL-TR-67-161
AD-826 134
COLORS
DISPLAY SYSTEMS
THRESHOLDS /PHYSIOLOGY/
VISUAL ACUITY
VISION
MYOPIA
ACCOMMODATION /PHYSIOLOGY/

68 00537 NAT U
02-D
WOJCIK, S.
AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY
DIV., WRIGHT-PATTERSON AFB, OHIO.
PULSEJET, JET AND ROCKET ENGINES.
GENERAL DISTRIBUTION
SEP 1967, 334 P, ILLUS, TABLES
FTD-TT-64-991
AD-826 192
ROCKET MOTORS
JET ENGINES
PULSEJET ENGINES
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COMBUSTION
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RAMJET ENGINES
DESIGN
TEST METHODS
OPERATION

68 00538 NAT U
07-C
HARRIS, J. J.
HABEGGER, M. A.
SINKERBOX, G. T.
INTERNATIONAL BUSINESS MACHINES CORP.,
POUGHKEEPSIE, N. Y.
MOLOGRAPHIC HEAD-UP DISPLAY. PHASE I.
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DEC 1967, 123 P, ILLUS, 46 REFS
N00014-67 C-0451
AD-825 413
DISPLAY SYSTEMS
THEORY
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RECORDING SYSTEMS
MOLOGRAPHIC HEAD-UP DISPLAYS

68 00539 NAT U
13-C
JOSEPHS, J. A.
MILL, D. M.
IRWIN, N. A.
MCLYNN, J. M.
WATKINS, R. M.
MONGINI, A.
DEPARTMENT OF COMMERCE, WASHINGTON, D. C.
APPROACHES TO THE MODAL SPLIT - INTERCITY
TRANSPORTATION.#
GENERAL DISTRIBUTION
FEB 1967, 48 P, 3 REFS
NCTP-TP-7
TRANSPORTATION
URBAN AREAS
DECISION MAKING
THEORY
NORTHEAST CORRIDOR

68 00540 NAT U
13-C
HALLUT, M. M.
MCADAMS, M. E.
MURPHY, J. L.
PETERSON, F. E.
SHERA, G.
HILL, J. W., JR.
DEPARTMENT OF COMMERCE, WASHINGTON, D. C.
TRANSPORTATION OF TRANSCOCEANIC CARGO.#
A DESIGN FOR RESEARCH.
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TRANSPORTATION
TRANSCOCEANIC
CARGO
SCIENTIFIC RESEARCH
DESIGN
ECONOMICS

68 00541 NAT U
16-C
WINTER, C. F.
AIR FORCE AVIONICS LAB., WRIGHT-PATTERSON
AFB, OHIO
ILLINOIS, UNIV., URBANA
A LIMITED SCAN ANTENNA.#
GENERAL DISTRIBUTION
OCT 1967, 36 P, ILLUS, TABLES
AD-822 494
ANTENNAS
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SCANNING
ANTENNA RADIATION PATTERNS

68 00542 NAT U
13-C
ZABETAKIS, M. G.
JONES, G. W.
SCOTT, G. S.
FURNU, A. L.
DEPARTMENT OF THE INTERIOR, WASHINGTON, D. C.
WRIGHT AIR DEVELOPMENT CENTER,
WRIGHT-PATTERSON AFB, OHIO.
RESEARCH ON THE FLAMMABILITY
CHARACTERISTICS OF AIRCRAFT FUELS.#
GENERAL DISTRIBUTION
JAN 1968, 36 P, ILLUS
DADC-TR-52-53-SUPPL-4
AVIATION FUELS
FLAMMABILITY
THEORY
EXPERIMENT
COMBUSTION
IGNITION
PROPAGATION
TEMPERATURE
THEORY
FLAMMABLE FUELS

68 00543 NAT U
09-B
JONES, G. W.
ZABETAKIS, M. G.
SCOTT, G. S.
FURNU, A. L.
DEPARTMENT OF THE INTERIOR, WASHINGTON, D. C.
WRIGHT AIR DEVELOPMENT CENTER,
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RESEARCH ON THE FLAMMABILITY
CHARACTERISTICS OF AIRCRAFT FUELS.#
GENERAL DISTRIBUTION
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DADC-TR-52-53-SUPPL-2
AD-475 25
FLAMMABILITY
AVIATION FUELS
IGNITION
PROPAGATION
TEMPERATURE
THEORY
TEST METHODS

68 00544 NAT U
06-H
LAVKINENKO, V. Y.
AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY
DIV., WRIGHT-PATTERSON AFB, OHIO.
HANDBOOK OF SEMICONDUCTOR DEVICES.#
GENERAL DISTRIBUTION
MAR 1967, 336 P, ILLUS, TABLES
FTD-HI-66-086
AD-661 896
HANDBOOKS
SEMICONDUCTOR DEVICES
THERMISTORS
RECTIFIERS
DIODES
TRANSISTORS
SILICON
GERMANIUM
COPPER
OXIDES

68 00545 NAT U
11
ARINC RESEARCH CORP., WASHINGTON, D. C.
INTERIM ENGINEERING REPORT TACAN
RELIABILITY STUDY.#
DOD ONLY
MAR 1967, 150 P, ILLUS, TABLES
AFM/603/-63441
AD-822 445
NAVIGATIONAL AIDS
RELIABILITY
AIRBORNE
GROUND SUPPORT EQUIPMENT
TEST EQUIPMENT
MAINTENANCE PERSONNEL
TACAN

68 00546 NAT U
 02-E
 HOGAN, D.
 SHINN, B. J.
 RANDALL, F. M.
 DANYLIK, P. R.
 MALLERY, C. G.
 GENERAL ELECTRIC CO., BINGHAMTON, N. Y.
 ADVANCED AUTOMATIC FLIGHT CONTROL SYSTEM
 STUDY.# FINAL REPORT.
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 AUG 1967, 298 P, ILLUS, TABLES, 19 REFS
 DA28-043-AMC-01215/E/
 ACD-8280
 AD-R21 125
 AUTOMATIC
 FLIGHT CONTROL SYSTEMS
 SIMULATION
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 COMPUTERS
 ACTUATORS
 COSTS
 EFFECTIVENESS
 MILITARY AIRCRAFT
 SAS /STABILITY AUGMENTATION SYSTEM/

68 00547 NAT U
 06-E
 ARMY COMBAT DEVELOPMENTS COMMAND,
 FORT MONMOUTH, N. J.
 APPLICATION OF AUTOMATIC SWITCHING
 SYSTEMS 1965-1970 /U/.# PHASE I.
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 DEC 1965, 146 P, ILLUS, TABLES, 7 REFS
 USACDLCEA-65-10
 AD-820 616
 AUTOMATIC
 COMMUNICATION SYSTEMS
 ELECTRONIC SWITCHES
 ARMY

68 00548 NAT U
 06-E
 LEE, M. R.
 SHARP, D. L.
 ROME AIR DEVELOPMENT CENTER,
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 SACC/S/AUTODIN/TELETYPE INTERFACE /SATIN/
 STUDY.#
 NO FOREIGN
 SEP 1967, 106 P, ILLUS, TABLES, 11 REFS
 F30602-67-C-0141
 SCR-350
 RADG-TR-67-402
 AD-820 461
 STRATEGIC AIR COMMAND
 COMMUNICATION SYSTEMS
 DIGITAL COMPUTERS
 DATA LINK
 INFORMATION RETRIEVAL
 DATA TRANSMISSION SYSTEMS
 COMMAND AND CONTROL SYSTEMS
 PROJECT SATIN

68 00549 NAT U
 06-B
 REED, R. E.
 RADIO CORP. OF AMERICA, LANCASTER, PENNA.
 TRANSMITTER TUBE INVESTIGATION.#
 FINAL REPORT.
 NO FOREIGN
 OCT 1967, 272 P, ILLUS, TABLES, 9 REFS
 AF30/602/-4149
 RADG-TR-67-430
 AD-822 819
 THEORY
 VIBRATION
 HIGH FREQUENCY
 COOLING
 EXCITATION
 TEMPERATURE
 TEST EQUIPMENT
 CHECKOUT PROCEDURES
 AMPLIFIERS

68 00550 NAT U
 06-C
 DION, A. R.
 MASSACHUSETTS INST. OF TECH.,
 LEXINGTON.
 SURVEY OF SATELLITE COMMUNICATION
 ANTENNAS.#
 GENERAL DISTRIBUTION
 MAY 1967, 34 P, ILLUS, 11 REFS
 AF19/628/-5167
 ESD-TR-67-273
 TN-1967-17
 AD-661 578
 COMMUNICATION SATELLITES /ACTIVE/
 SATELLITE ANTENNAS
 ANTENNA RADIATION PATTERNS

68 00551 NAT U
 07-C
 MURPHY, J. J.
 LITTON SYSTEMS, INC., WOODLAND HILLS, CALIF.
 INTEGRATED COCKPIT RESEARCH PROGRAM -
 VOLUME II.#
 GENERAL DISTRIBUTION
 JAN 1967, 180 P, ILLUS, TABLES, 25 REFS
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 AD-662 186
 COCKPITS
 DISPLAY SYSTEMS
 MAN-MACHINE SYSTEMS
 CONTROL SYSTEMS
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 OPERATION
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 FLIGHT INSTRUMENTS
 COMPUTERS

68 00552 NAT U
 08-G
 PARKS, D. L.
 BOEING CO., RENTON, WASH.
 HUMAN ENGINEERING PROGRAM.#
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 SEP 1967, 66 P, ILLUS, TABLES, 9 REFS
 DA-49-186-AMC-370A
 AD-822 023
 HUMAN ENGINEERING
 SUPERSONIC TRANSPORTS
 RESEARCH PROGRAM ADMINISTRATION
 DESIGN
 STANDARDS
 FLIGHT CREWS
 JOB ANALYSIS
 AIRCRAFT EQUIPMENT
 PASSENGERS
 LIFE SUPPORT
 AVIATION SAFETY

68 00553 NAT U
02-K
LADD, D. M.
ILERY, M. M., JR.
ARMY, CORPS OF ENGINEERS, ENGINEER WATERWAYS
EXPERIMENT STATION, VICKSBURG, MISS.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
AIRCRAFT GROUND-FLUTATION INVESTIGATION.#
PART I- BASIC REPORT.
NO FOREIGN
JUL 1967, 101 P, ILLUS, TABLES, 9 REFS
MFW-AS-4-177
AFDOL-TDR-66-43
AD-R21 088
LANDING MATS
STANDARDS
SOILS
LANDING GEAR
PAVEMENT
AIRCRAFT TIRIS
PRESSURE
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68 00554 NAT U
02-A
GLASSER, J.
STURER, W. M.
JENNETH, M. A.
ALVEY, V. M.
STARR, G. A.
FUTELL, W. D.
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
BASIC SHAPES FOR AEROSPACE STRUCTURES.#
PHASE II. DEVELOPMENT OF PRELIMINARY
SPECIFICATIONS.
GENERAL DISTRIBUTION
SEP 1966, 164 P, ILLUS, TABLES
AF 33/615/-3430
AD-R00 038
AERODYNAMIC CONFIGURATIONS
AEROSPACE CRAFT
STRUCTURAL PARTS
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FINELAGE
HEAT SHIELDS
SURFACE PROPERTIES
PANELS /STRUCTURAL/
TRANSFERRING PANELS
PRESSURE VESSELS

68 00555 NAT U
02-G
MARINE CORPS SCHOOL, QUANTICO, VA.
ROTOR TIP LIGHTING FOR HELICOPTERS.#
OCT 1963, 10 P
AD-R21 198
STANDARDS
DESIGN
HELICOPTER ROTORS
LIGHTING EQUIPMENT
NIGHT FLIGHT
VISUAL FLIGHT
MILITARY AIRCRAFT

68 00556 NAT U
02-I
LHAM, D., DR.
MCLEAN, P.
BRIGSTOCKE, A.
CANADA, DIRECTORATE OF FLIGHT SAFETY.
J79 BIRDSTRIKE MANUAL FOR INVESTIGATORS.#
GENERAL DISTRIBUTION
1967, 51 P, ILLUS
AD-821 658
BIRDS
COLLISION
HANDBOOKS
ACCIDENT INVESTIGATION
JET ENGINES

68 00557 P NAT U
03-B
SPINNER, L. N.
HENCIVENGA, V. L.
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
ADVANCED SCANNING BEAM GUIDANCE SYSTEM
FOR ALL WEATHER LANDING.#
GENERAL DISTRIBUTION
FEB 1968, 55 P, ILLUS
SRDS-R-68-2
AD-655 973
ALL-WEATHER AVIATION
TERMINAL GUIDANCE
INSTRUMENT LANDINGS
BEAMS /ELECTROMAGNETIC/
SCANNING

68 00558 NAT U
04-F
LAMBLOTTE, D. J.
CHAMBERLIN, W. M.
NAVAL CIVIL ENGINEERING LAB.,
PORT HUENEME, CALIF.
AIRFIELD PAVEMENT EVALUATION, USNAS SEATTLE
WASHINGTON.#
GOVERNMENT AGENCIES ONLY
SEP 1967, 189 P, ILLUS, 4 REFS
N-930
AD-824 127
RUNWAYS
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ASPHALT
CEMENTS
CONCRETE
MECHANICAL PROPERTIES
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TEST METHODS
USNAS SEATTLE WASHINGTON

68 00559 NAT U
04-E
DRISKO, R. W., PHD.
NAVAL CIVIL ENGINEERING LAB.,
PORT HUENEME, CALIF.
MISCELLANEOUS FIELD EXPERIENCES WITH AIRFIELD
MARKING PAINTS.#
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TN-934
AD-822 982
LANDING FIELDS
PAINTS
DAMAGE
ASPHALT
PAVEMENTS

68 00560 NAT U
 01-C
 DONALDSON, C. D.
 SNELEKER, R. S.
 MARGOLIS, D. P.
 AERONAUTICAL RESEARCH ASSOCIATES OF
 PRINCETON, INC., PRINCETON, N. J.
 A STUDY OF THE MEAN AND TURBULENT STRUCTURE
 OF A FREE JET AND JET IMPINGEMENT HEAT
 TRANSFER.#
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 NRL-MR-1828
 AD-656 692
 HEAT TRANSFER
 TURBULENCE
 JETS
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 VELOCITY
 PRESSURE

68 00561 NAT U
 10-G
 PIGGOTT, B. A. M.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
 ATMOSPHERIC TURBULENCE AND AIRCRAFT
 HEIGHT-KEEPING ACCURACY.#
 GENERAL DISTRIBUTION
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 RAE-TR-67195
 TURBULENCE
 ALTITUDE
 EQUATIONS
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 AUTOMATIC PILOTS
 SEPARATION
 AIRCRAFT
 RESPONSE

68 00562 NAT U
 02-I
 COLBORN, I. M.
 ST. BRIT. MINISTRY OF AVIATION, AEROPLANE AND
 ARMAMENT EXPERIMENTAL ESTABLISHMENT, LONDON.
 MEASUREMENT OF NEAR FIELD NOISE OF A
 LIGHTNING AIRCRAFT DURING ENGINE GROUND
 RUNNING.#
 GENERAL DISTRIBUTION
 AUG 1966, 5 P, TABLE, 3 REFS
 AAEF-TECH-353/ENG
 AD-819 904
 MEASUREMENT
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 AIRPLANE NOISE
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 MAINTENANCE PERSONNEL
 PROTECTIVE CLOTHING
 LIGHTNING AIRCRAFT

68 00563 NAT U
 10-G
 KING, G. E.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
 CIVIL AIRCRAFT AIRWORTHINESS DATA RECORDING
 PROGRAMME STUDY OF SEVERE TURBULENCE
 ENCOUNTERED BY CIVIL AIRCRAFT.#
 NO ABSTRACT
 JUN 1967, 22 P, ILLUS, TABLES, 5 REFS
 HAR-TR-67106
 AD-823 676
 AIRWORTHINESS
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 AIRCRAFT
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68 00564 NAT U
 10-G
 SAUNDERS, J. B.
 ST. BRIT. MINISTRY OF TECHNOLOGY, TECHNICAL
 INFORMATION AND LIBRARY SERVICES, LONDON.
 FURTHER ANALYSIS OF TSR.2 FLIGHT
 THROUGH TURBULENCE.#
 GENERAL DISTRIBUTION
 MAY 1967, 16 P, ILLUS
 S & T-MEMO-1/67
 AD-820 103
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 PITCH / MOTION/
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68 00565 NAT U
 02-I
 DRENNEN, W. F.
 FEDERAL AVIATION AGENCY, WASHINGTON, D. C.
 AIRCRAFT LANDING SPEED AND ACCIDENT
 CORRELATION.# MEMORANDUM.
 GENERAL DISTRIBUTION
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 AD-665 867
 AIRCRAFT
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 AVIATION ACCIDENTS
 ACCIDENT INVESTIGATION 0488 00

68 00566 NAT U
 11
 HOLLINS, C.
 SCANNELL LABS., INC., SPRINGFIELD, VA.
 VORTAC PERFORMANCE IN A SNOW AND ICE
 ENVIRONMENT.# FINAL REPORT.
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 SROD-RO-68-3
 AD-665 814
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 SNOW
 ICE
 ANTENNAS
 RADIO NAVIGATION
 HEATING
 NEAR FIELD
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 EQUATIONS
 ELECTROMAGNETIC WAVE REFLECTIONS
 VORTAC

68 00567 NAT U
 07-F
 SPANGLER, R. M.
 SULZER, R. L.
 FEDERAL AVIATION ADMINISTRATION, NATIONAL
 AVIATION FACILITIES EXPERIMENTAL CENTER
 ATLANTIC CITY.
 FLIGHT SIMULATION STUDY OF AIR-TO-AIR
 RANGING DISPLAYS FOR SEPARATION ASSURANCE.#
 INTERIM REPORT.
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 FEB 1968, 20 P, ILLUS, 4 REFS
 NA-68-13
 AD-66-83
 AD-666 620
 FEDERAL AVIATION ADMINISTRATION
 FLIGHT SIMULATORS
 AIR-TO-AIR
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 SEPARATION
 WARNING SYSTEMS
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68 00568 R NAT U
07-F
CROOK, W.
SULZER, R.
FEDERAL AVIATION ADMINISTRATION.
NATIONAL AVIATION FACILITIES EXPERIMENTAL
CENTER, ATLANTIC CITY.
SIMULATION AND ANALYSIS OF OVER-OCEAN
SEPARATION ASSURANCE PROCEDURES AND DISPLAYS.
FINAL REPORT.
GENERAL DISTRIBUTION
FEB 1968, 72 P, ILLUS, 6 REFS
NA-68-14
AD-67-43
AD-666 829
FEDERAL AVIATION ADMINISTRATION
FLIGHT SIMULATORS
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SEPARATION
COLLISION AVOIDANCE
DISPLAY SYSTEMS
RANGE FINDING
WARNING SYSTEMS
TEST METHODS

68 00569 NAT U
11
WOZNIAK, D.
CHAIT, W.
LEAF SIEGLER, INC. INSTRUMENT DIV.,
GRAND RAPIDS.
AN/AYA-4 LORAN-C HYPERBOLIC COORDINATE
CONVERTER SET. FINAL REPORT.
GENERAL DISTRIBUTION
JUN 1967, 390 P, ILLUS
FA-WA-4659
SROS-RD-67-31
AD-665 782
LORAN
HYPERBOLIC NAVIGATION
NAVIGATION COMPUTERS
FLIGHT TESTING
THEORY
LORAN EQUIPMENT
AN/AYA-4

68 00570 NAT U
11
WOZNIAK, D.
CHAIT, W.
LEAF SIEGLER, INC., GRAND RAPIDS.
AN/AYA-4 LORAN-C HYPERBOLIC COORDINATE
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LORAN
HYPERBOLIC NAVIGATION
NAVIGATION COMPUTERS
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LORAN EQUIPMENT
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68 00571 NAT U
02-A
WELLS, R. J.
MCGREW, J. M.
GENERAL ELECTRIC CO., CINCINNATI.
MODEL FREON COMPRESSOR ACOUSTICAL STUDIES.
TECHNICAL REPORT.
GENERAL DISTRIBUTION
JAN 1968, 245 P, ILLUS, 42 REFS
FA-67WA-1638
FAA-DS-68-5
AD-666 320
AXIAL-FLOW COMPRESSORS
ACOUSTICS
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JET PLANES
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68 00572 NAT U
02-1
HEID, T. L.
WESER, J. O.
GENERAL DYNAMICS/CONVAIR, SAN DIEGO, CALIF.
DESIGN STUDY AND MODEL STRUCTURES TEST
PROGRAM TO IMPROVE FUSELAGE CRASHWORTHINESS.
FINAL REPORT.
GENERAL DISTRIBUTION
OCT 1967, 100 P, ILLUS, 5 REFS
FA67WA-1541
PRJ-510-002-07X
DS-67-20
AD-666 816
CRASHWORTHINESS
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MODEL TESTS
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RESPONSE
IMPACT SHOCK
DIGITAL COMPUTERS

68 00573 NAT U
07-C
NICHOLSON, R. M.
WOLF, J. O.
CLIFFORD, R. R.
HONEYWELL INC. SYSTEMS AND RESEARCH DIV.,
MINNEAPOLIS.
DISPLAY REQUIREMENTS STUDY FOR HELICOPTER
FORMATION FLIGHT.
GENERAL DISTRIBUTION
JAN 1968, 263 P, ILLUS, TABLES
N00014-68-C0362
12543-FH1
AD-665 277
DISPLAY SYSTEMS
STANDARDS
HELICOPTERS
INSTRUMENT FLIGHT
SIMULATION
TURBULENCE
FAILURE /MECHANICS/
DESIGN

68 00574 NAT U
06-B
HILBERMAN, D.
CASE WESTERN RESERVE UNIV., CLEVELAND.
NETWORKS WITH UNITY-GAIN VOLTAGE AMPLIFIERS
GENERAL DISTRIBUTION
DEC 1967, 70 P
AF149620/1644
APLRL-67-0553
AD-665 147
NETWORKS
AMPLIFIERS
RESISTORS
CAPACITORS
UNITY-GAIN VOLTAGE AMPLIFIERS

68 00575 NAT U
02-C
PLEDGER, E. R.
GARRETT CORP., TORRANCE, CALIF.
UNINTERRUPTIBLE POWER SYSTEM MODULE
ANALYSIS. # INTERIM REPORT.
GENERAL DISTRIBUTION
NOV 1967, 73 P, ILLUS
FA-67-WA-1748
SRDS-RD-67-62
AD-666 823
POWER EQUIPMENT
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MAINTAINABILITY
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ELECTRICAL EQUIPMENT
COSTS
BATTERIES AND COMPONENTS
ELECTRONIC EQUIPMENT
ALTERNATING CURRENT
AIR ROUTE TRAFFIC CONTROL CENTERS

68 00576 NAT U
06-I
COLLIN, R. E.
HAZONY, D.
CASE WESTERN RESERVE UNIV., CLEVELAND.
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68 00578 NAT U
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68 00579 NAT U
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68 00586 NAT U
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68 00587 NAT U
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TRUMBLE, T. M.
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68 00588 NAT U
12-B
ABBOTT, I. M.
NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS,
WASHINGTON, D. C.
NORTH ATLANTIC TREATY ORGANIZATION, PARIS.
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68 00590 NAT U
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68 00593 NAT U
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WALKER, P.
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KENLINS, V.
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68 00601 NAT U
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68 00603 NAT U
09-B
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WHEELER, E. J. R.
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68 00604 NAT U
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APPLE, W. R.
BARTON, E. J.
SALISBURY, M. R.
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68 00606 NAT U
06-A
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68 00610 NAT U
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 PROPHET, D. T.
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68 00619 NAT U
09-D
EVANS, W. E.
CHAMBERS, A. G.
MOEING CO., WICHITA, KANS.
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
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7001-T75 ALUMINUM ALLOY.#
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AD-488 710
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STRESSES
CORROSION
FATIGUE /MECHANICS/
TEST METHODS
7001-T75 ALUMINUM ALLOY

68 00620 NAT U
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WILSON, D. R.
HARKER, F. J.
BOSSERT, A. J.
MASS, H. S.
MIDWEST RESEARCH INST., KANSAS CITY, MO.
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FLUIDS
SHEAR STRESS
HIGH-TEMPERATURE RESEARCH
STABILITY
TEST METHODS
VISCOSITY
HIGH-PRESSURE RESEARCH
DENSITY

68 00621 NAT U
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AVIATION SAFETY

68 00622 NAT U
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MCCONNELLY, B. D.
BENZIN, R. J.
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FILM LUBRICANTS.#
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68 00623 NAT U
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CUELLAR, J. P.
KUL, P. M.
SOUTHWEST RESEARCH INST., SAN ANTONIO.
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68 00628 NAT U
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 DAMPING
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68 00629 NAT U
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68 00632 NAT U
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BENZAKEN, M. J.
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DOEFSCH, I. K. H., PROF. DR.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
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68 00635 NAT U
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AD-827 005
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TURBULENCE
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EQUATIONS
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68 00636
12-B
FREEMAN, D. C., JR.
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ANGLE OF ATTACK

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FAILURE MECHANICS
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MATERIALS
TITANIUM ALLOYS
STAINLESS STEEL
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MINICK, A. B.
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AUTOMATION
AIR TRAFFIC CONTROL SYSTEMS
AIRBORNE

68 00643 NAT U
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PAYEN, D. H.
GUYETT, P. R.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
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 7001-T75 ALUMINUM ALLOY

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RAIL FASTENERS

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TUBE GUIDED VEHICLE
HIGH SPEED GROUND TRANSPORTATION

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68 00729 NAT U
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NASH, M. J. B.
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68 00736 NAT U
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HAMSHIRE, A. A.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
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68 00737 NAT U
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68 00738 NAT U
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68 00739 NAT U
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68 00740 NAT U
02-K
GIBSON, P. T.
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68 00741 NAT U
00-C
BROCKMAN, W. F., MAJ.
DICKENS, F. D., MAJ.
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68 00742 NAT U
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68 00743 NAT U
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68 00760
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68 00779 NAT U
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68 00781 NAT U
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TURBOJET INLETS
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68 00824 NAT U
03-F
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ARRIVAL

68 00825 NAT U
03-B
NESTOR, L. J.
NAVAL AIR PROPULSION TEST CENTER,
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PHYSICAL PROPERTIES

68 00826 R NAT U
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68 00827 R NAT U
02-I
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PROPULSION
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68 00828 NAT U
02-E
QUINN, J. H., D. U.
LIUD, A. C. W.
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DIGITAL COMPUTERS
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VELOCITY ANALYSIS
SLOW FLIGHT

68 00829 NAT U
08-F
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463L MATERIALS HANDLING SYSTEM

68 00830 NAT U
08-F
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C-141 AIRCRAFT
C-5A AIRCRAFT
463L MATERIALS HANDLING SYSTEM

68 00831 R NAT U
08-F
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ANALYSIS
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ATC TERMINAL AREA
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NOISE ABATEMENT
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68 00832 R NAT U
07-C
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EFFECTIVENESS
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RAPPI/SCAN CONVERTERS
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68 00833 NAT U
04-D
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SOCIOLOGY
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68 00834 NAT U
02-I
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WOOD, W. R.
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AD-669 124
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68 00835
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NUMERICAL METHODS AND PROCEDURES
ATMOSPHERE
GRAPHIC APPLICATION
NON-UNIFORM

69 00836
06-F

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HARTON, T. H.
JEFFERSON, F. W.
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VERY HIGH FREQUENCY
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SATCOM ANTENNA

68 00837

R NAT U

02-G
HINLEY, W. J.
DEVORE, G.
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ATLANTIC CITY.
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AUTOMATION
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68 00838
03-B

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LOCKHEED CALIFORNIA CO., BURBANK, CALIF.
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L-2000 AIRCRAFT
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68 00839

NAT U

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KATL, F.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
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68 00840 NAT U
07-M
LAMPKIN, B. A.
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N68-13558
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68 00841 NAT U
07-M
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FLEMING, D. P.
ANDERSON, W. J.
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HERRINGBONE-GROOVED BEARINGS
HALF-FREQUENCY WHEEL
RADIAL CLEARANCE

68 00842 NAT U
09-F
FISH, R. H.
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N68-21293
PENETRATION
POROUS MATERIALS
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COMPARATIVE STUDIES

68 00843 NAT U
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HUNTER, P. A.
BRAZZIEL, M. E.
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HAMPTON, VA.
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VGM /AIRSPEED, NORMAL ACCELERATION AT CENTER
OF GRAVITY, ALTITUDE/

68 00844 NAT U
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PEUG, H. J.
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LANGLEY RESEARCH CENTER, LANGLEY STATION,
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AN INVESTIGATION OF THE HELICOPTER HEIGHT-
VELOCITY DIAGRAM SHOWING EFFECTS OF DENSITY
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HEIGHT FINDING
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68 00845 NAT U
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KAATTARI, J. E.
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68 00846 NAT U
12-B
BLACK, T. J.
TRACON, INC., ROCKVILLE, MD.
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PRESSURE FIELD UNDER SUPERSONIC TURBULENT
BOUNDARY LAYERS.#
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SCALING LAWS

64 00847 NAT U
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ELECTRONICS RESEARCH CENTER, CAMBRIDGE, MASS.
A STUDY OF THE CRITICAL COMPUTATIONAL
PROBLEMS ASSOCIATED WITH STRAPDOWN INERTIAL
NAVIGATION SYSTEMS.#
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N68-21652
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STANDARDS
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68 00848 NAT U
07-A
ROY, R.
HINDS, D.
RENSSELAER POLYTECHNIC INST., TROY, N. Y.
FREQUENCY CODED THRESHOLD LOGIC UNIT FOR
PATTERN RECOGNITION APPLICATION.#
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N68-22448
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CODING
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68 00849 NAT U
09-B
THOMSON, A. G. R.
NORTH ATLANTIC TREATY ORGANIZATION, PARIS.
ADVISORY GROUP FOR AEROSPACE RESEARCH AND
DEVELOPMENT.
THE POTENTIAL USE OF MATHEMATICAL MODELS
IN MATERIALS DATA PRESENTATION WITH PARTICULAR
REFERENCE TO THE AGARD MATERIAL PROPERTIES
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N68-21193
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68 00850 NAT U
02-E
AMARRAH, R. C.
NORTH ATLANTIC TREATY ORGANIZATION, PARIS.
ADVISORY GROUP FOR AEROSPACE RESEARCH AND
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68 00851 NAT U
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 INJECTION
 ELECTROLUMINESCENCE
 PHOTOCHROMISM
 THERMOCHEMISTRY
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 PLASMA PHYSICS
 CARRIER INJECTION
 THERMOCHROMIC
 FLUIDIC
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68 00852 NAT U
 09-A
 PETERS, E. T.
 MANLABS, INC., CAMBRIDGE, MASS.
 PHYSICAL CHARACTERIZATION OF ELECTRONIC
 MATERIALS, DEVICES AND THIN FILMS. B
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 AD-667 547
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68 00853 NAT U
 08-F
 AIR FORCE, WASHINGTON, D. C.
 AIR CARGO TERMINALS AND MATERIALS
 HANDLING SYSTEM. B PHASE II ANNEX D-CONTINGENCY
 AIR TERMINALS.
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68 00854 NAT U
 08-F
 AIR FORCE, WASHINGTON, D. C.
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 AIR TERMINALS.
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 AIR TRANSPORTATION
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68 00855 NAT U
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68 00856 NAT U
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 ANNEX A - INTRANSIT CONTROL.
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 PROCESSING
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 MOVEMENT PROCEDURES/
 INTRANSIT

68 00857 NAT U
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YORE, E. E.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
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TO THE LATERAL-DIRECTIONAL AXES OF A SWEEP
WING AIRCRAFT.# PART II.
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AD-830 936
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LINEAR SYSTEMS
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ODC /OPTIMAL DECOUPLING CONTROL/
LATERAL-DIRECTIONAL AXES

68 00858 NAT U
09-B
BUNTING, K. R.
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GREASES FOR HIGH SPEED, HIGH TEMPERATURE
ANTIFRICTION BEARINGS.#
DOD ONLY
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AD-831 319L
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VELOCITY
HIGH-TEMPERATURE RESEARCH
ANTIFRICTION BEARINGS
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HIGH-SPEED

68 00859 NAT U
07-H
LYMAN, B.
GEORGE WASHINGTON UNIV., ALEXANDRIA, VA.
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68 00860 NAT U
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PIRLHUTTER, A. A.
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68 00861 NAT U
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MILLER, D. P.
VINJE, E. W.
UNITED AIRCRAFT CORP. RESEARCH LABS.,
EAST HARTFORD, CONN.
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68 00862 NAT U
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RUDDER, F. F., JR.
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68 00864 NAT U
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68 00865 NAT U
13-C
COTE, M. A.
DEPARTMENT OF HEALTH, EDUCATION AND WELFARE.
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68 00867 NAT U
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IIT RESEARCH INST.
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68 00869 NAT U
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68 00871 NAT U
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AMHRE, L. M.
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13-C
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CARNEGIE INST. OF TECH., PITTSBURGH.
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68 00873 NAT U
02-I
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68 00874 NAT U
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68 00875 NAT U
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AUSTIN, W. H., JR.
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68 00879 NAT U
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68 00880 NAT U
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 KARNOPP, D. C.
 TRIKHA, A. K.
 MASSACHUSETTS INST. OF TECH., CAMBRIDGE.
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68 00882 NAT U
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 PEARSON, B. B.
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68 00883 NAT U
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08 00884 NAT U
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FRENCH, M. S.
KNOWLES, P. L.
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NEWELL, R. K.
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BRYNN-VAUGHAN, R. M. 1/LT.
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AND LOGISTICS, WRIGHT-PATTERSON AFB, OHIO.
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WHITE, J. H., JR.
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06 00888 NAT U
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BRETT, J. D.
PALINKAS, D., 1/LT.
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68 00891 NAT U
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68 00892 NAT U
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 HERNDON, D. F.
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68 00893 NAT U
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 DOWNS, M. R.
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48 00894 NAT U
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SULLIVAN, L. L.
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48 00895 NAT U
06-B
KINAMAN, E. W.
WATKINS-JOHNSON CO., PALO ALTO, CALIF.
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N. Y.
8-18 GHZ LOW NOISE TWT AMPLIFIER.0
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K BAND
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8-18 GHZ /GIGAHERTS/
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48 00896 NAT U
38-C
VIGOR, N.
TRG, INC., EAST BOSTON, MASS
ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB,
N. Y.
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48 00897 NAT U
09-F
ZURBRICK, J. R.
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
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48 00898
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 AVCO CORP. SPACE SYSTEMS DIV., WILMINGTON,
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48 00899
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 ARNOLD, J. S.
 VINCENT, C. T.
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 CAIN, F. L.
 BYRNS, K. G., JR.
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48 00901
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 EDWARDS, W. T.
 OSTERMUES, G. D.
 SHESTAG, L. N.
 ITT GILFILLAN, INC., LOS ANGELES.
 ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB,
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68 00902

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TAMURA, J. M.
WHISTLER, P. M.
FELSMAN, W. O.
LITTON SYSTEMS, INC., WOODLAND HILLS, CALIF.
RESEARCH AND TECHNOLOGY DIV. SYSTEMS
ENGINEERING GROUP, WRIGHT-PATTERSON AFB,
OHIO.
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68 00903

NAT U

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TAMURA, J. M.
WHISTLER, P. M.
FELSMAN, W. O.
LITTON SYSTEMS, INC., WOODLAND HILLS, CALIF.
RESEARCH AND TECHNOLOGY DIV. SYSTEMS
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68 00904

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TAMURA, J. M.
WHISTLER, P. M.
FELSMAN, W. O.
LITTON SYSTEMS, INC., GUIDANCE CONTROL AND
SYSTEMS DIV., WOODLAND HILLS, CALIF.
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68 00905

NAT U

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ENGINEERING GROUP, WRIGHT-PATTERSON AFB, OHIO.
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68 00906

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06-J
WATSON, J. G.
BERRYMAN, W. C.
KANOSKI, G. W.
BOTSFORD, G. J.
BLACK, N. N.
BENDIX FIELD ENGINEERING CORP., OWINGS MILLS,
MD.
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AFB, OHIO.
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68 00907

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VE /VALUE ENGINEERING/
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68 00907

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68 00909

NAT U

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WHITENAD, M. E.
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PERFLUOROAROMATIC COMPOUNDS
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09-B
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MITRE CORP., BEDFORD, MASS.
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AIRLIFT

68 00913 NAT U
09-B
KUCHTA, J. M.
CATO, R. J.
IRVING, S.
WHITTNER, M. G.
AIR FORCE AERD PROPULSION LAB.,
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68 00914 NAT U
01-B
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SMITH, A. F.
BERMAN, A.
KAMAN AIRCRAFT CORP., BLOOMFIELD, CONN.
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JEFFS, N. J.
BETTS, L.
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 SCHLEICHER, A. R.
 BECKMANN, J. D.
 WESTERN CO. RESEARCH DIV., RICHARDSON, TEX.
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 RUTH, J. C., MAJ.
 MASSACHUSETTS INST. OF TECH., CAMBRIDGE.
 INSTRUMENTATION LAB.
 AIR FORCE MISSILE DEVELOPMENT CENTER,
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 INSTRUMENT LAB.
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 CLARKE, R. M.
 WEINGARTEN, L. B.
 RESEARCH ANALYSIS CORP., MCLEAN, VA.
 ARMY. OFFICE OF THE CHIEF OF RESEARCH AND
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DIV., CANOGA PARK, CALIF.
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02-A
PYLE, R. W., LCDR.
YORK, M. W., LT.
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GONSALVES, V. M. N. N.
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HAMPTON, D.
TRUESDALE, W. B.
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INST.
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AFB, OHIO.
CIVIL AND MILITARY AIRFIELDS.
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68 01031 NAT U
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BOEING CO., SEATTLE.
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68 01032 NAT U
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68 01033 NAT U
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68 01034 NAT U
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68 01036 NAT U
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WARREN, C. M. F.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
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THE PROPAGATION OF SONIC BANGS IN A
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68 01037 NAT U
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NOISE AND SONIC BOOM CONSIDERATIONS IN THE
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68 01038 NAT U
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68 01039 NAT U
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68 01040 NAT U
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68 01041 NAT U
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WEBER, R. J.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LEWIS RESEARCH CENTER, CLEVELAND, OHIO.
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68 01042 NAT U
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68 01043 NAT U
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68 01044 NAT U
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68 01045 NAT U
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BOUTON, I.
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68 01048 NAT U
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68 01051 NAT U
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INSTITUTO NACIONAL DE TECNICA AEROSPACIAL,
MADRID.
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68 01052 NAT U
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FORD MOTOR CO., DEARBORN, MICH.
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68 01053 NAT U
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LOCKHEED CALIFORNIA CO., BURBANK, CALIF.
STRUCTURAL DESIGN PHILOSOPHY FOR THE
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68 01054 NAT U
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KEHRER, W. T.
BOEING CO. AIRPLANE DIV., RENTON, WASH.
LONGITUDINAL STABILITY AND CONTROL OF
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68 01055 NAT U
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68 01056 NAT U
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CORNELL AERONAUTICAL LAB. INC., BUFFALO.
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68 01057 NAT U
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SWICK, R. M.
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GENERAL MOTORS CORP. ALLISON DIV.,
INDIANAPOLIS.
ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
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68 01080 NAT U
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PAVEY, N. A. D.
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STUDY OF BROAD-BAND AMPLITUDE-COMPARISON
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PAPE, R. J.
FERGUSON, J. M.
SOUTHWEST RESEARCH INST., SAN ANTONIO.
AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-
PATTERSON AFB, OHIO.
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68 01060 NAT U
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ELECTRONIC SPECIALTY CO., LOS ANGELES.
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68 01061 NAT U
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RAYTHEON CO., WAYLAND, MASS.
ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB,
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68 01062 NAT U
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ORE, F. H.
ILLINOIS. UNIV., URBANA. DEPT. OF ELECTRICAL
ENGINEERING.
AIR FORCE AVIONICS LAB., WRIGHT-PATTERSON AFB,
OHIO.
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68 01063 NAT U
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HEIM, C. W.
KUMH, D. M.
GENERAL ELECTRIC CO., SYRACUSE, N. Y.
ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB,
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INTERNATIONAL BUSINESS MACHINES CORP. FEDERAL
SYSTEMS DIV., LOS ANGELES.
OFFICE OF NAVAL RESEARCH, WASHINGTON, D. C.
SYNERGISTIC NAVIGATION SYSTEM STUDY.
PHASE II, FINAL REPORT
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HUGHES AIRCRAFT CO., FULLERTON, CALIF.
ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB,
N. Y.
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VARIAN ASSOCIATES, PALO ALTO, CALIF.
ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB,
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 05-H
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 FLA.
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 ANALYSIS
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 FLASHES
 DURATION

68 01141 NAT U
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 COLLINS, S. A., JR.
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 LAB.
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 VELOCITY
 TEMPERATURE
 FLUID FLOW
 COMPARATIVE STUDIES

68 01142 NAT U
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 BAKER, W. J.
 VAN COTT, M. P.
 FLEISHMAN, E. A.
 AMERICAN INST. FOR RESEARCH, SILVER SPRING,
 MD.
 ARMY MEDICAL RESEARCH LAB., EDGEMOND
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 BODY WEIGHT
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 ANALYSIS
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68 01143 NAT U
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 CURTIS, J. A., CAPT.
 MILLER, R. A.
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 AN ANALYSIS OF THE USE OF MILITARY
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 AIR TRANSPORTATION
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 HARMON AFB
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 ORLY AFB
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68 01145 NAT U
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 08-F
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68 01147 NAT U
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 VANCE, E. F.
 HILRENS, R. R.
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 CONTROL SYSTEMS
 AIRFOILS
 WIND TUNNELS
 METERS
 CIRCUITS
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 FIELD METER

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 RESPONSE
 PRESSURE PATTERN FLIGHT
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 DATA
 BROADBAND
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 TERMINAL SUBSYSTEM

68 01150 NAT U
 08-C
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 LAB.
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 DIGITAL COMPUTERS
 AMPLIFIERS
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 THOMAS, H. M., III, LT.
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 CONTINUOUS-WAVE
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ADAMCZAK, R. L.
HINTING, R. J.
SCHWENKER, R.
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AFB, OHIO.
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ELASTOMERS
ANALYSIS
SUPERSONIC TRANSPORTS
CAVITATION
SEALING COMPOUNDS
AIR FORCE

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06-F
PITTSBURGH, UNIV. RESEARCH STAFF.
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AIRSPEED
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POSITION FINDING
AND /AIRCRAFT NAVIGATION COMPUTER/

68 01155 NAT U
11
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DATA
SENSING ELEMENTS
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NAVIGATION COMPUTERS
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LORAN C/D RECEIVER
ACCURACY
MODE

68 01156 NAT U
12-A
SCHMITT, G. J., JR.
TATNALL, G. J.
FOULKE, K. W.
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ANALYSIS
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CERAMIC MATERIALS
LAMINATES
PLASTICS
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TRACKS /AERODYNAMICS/
EXPERIMENTAL DATA
AIR FORCE
NAVY
MORPH /MEAN DEPT OF PENETRATION RATE/
IMPACT ANGLE
RESISTANCE /NON-ELECTRICAL/

68 01157 NAT U
06-C
ROBECHAUX, W. G.
GRIFFEE, L. V.
COLLINS RADIO CO., DALLAS.
ARMY ELECTRONICS COMMAND,
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VOR /VOR OMNIDIRECTIONAL RADIO RANGE/
ANTENNAS
ROTARY WINGS
HELICOPTERS
MODELS /SIMULATION/
MODULATION
ELECTROMAGNETIC WAVES
ANALYSIS
UN-18 HELICOPTER
PATTERNS

68 01158 NAT U
06-J
FIONITTO, B. M.
TACTICAL AIR LIFT CENTER, POPE AFB, N. C.
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TRANSPORT PLANES
FLIGHT TESTING
C-130E AIRCRAFT
LAPES

68 01159 NAT U
01-C
LINDBERG, G. M.
OLSON, M. D.
CANADA, NATIONAL RESEARCH COUNCIL, OTTAWA.
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RESPONSE
PSD /POWER SPECTRAL DENSITY/
PLATES
STRINGERS
MULTI-BAY

68 01160 NAT U
05-B
CROSLEY, J. K.
BAILEY, R. W.
NIX, M. S., JR.
ARMY AEROMEDICAL RESEARCH UNIT, FORT
RUCKER, ALA.
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COLOR VISION
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VISIBILITY
AVIATION MEDICINE
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68 01161 NAT U
13-C
ROBERTS, M. J.
DEPARTMENT OF TRANSPORTATION, WASHINGTON,
D. C.
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TRUCKS
TDFC /TRAILER-ON-FLAT-CAR/

68 01162 NAT U
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WRIGHT-PATTERSON AFB, OHIO.
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EQUATIONS
MOTION
RESPONSE
NUMBERS
DATA
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68 01163 NAT U
04-E
QUADE, D. A.
BERNHART, W. D.
NELSON, M. D.
BOEING CO., WICHITA, KANSAS.
AIR FORCE FLIGHT DYNAMICS LAB.,
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SURFACE PROPERTIES
JET BOMBERS
DIGITAL COMPUTERS
PROGRAMMING /COMPUTERS/
NUMERICAL ANALYSIS
THEORY
DATA
DYNAMICS
RESPONSE
B-52 AIRCRAFT
COMPARATIVE STUDIES

68 01164 NAT U
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KALATUCKA, S.
NAVAL AIR DEVELOPMENT CENTER, JOHNSVILLE,
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COUNTER-DRUM POINTER
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68 01165 NAT U
06-1
LIANY, P.
GATES, D.
MCINNELL, J.
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DATA LINK
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AIRBORNE
COMPUTER LOGIC
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GROUND CONTROL CONSOLE

68 01166 NAT U
02-H
LAVI, R.
RUGERS, K. H.
HALL, G. R.
NORTHROP CORP. NORTHROP NORAIR DIV.,
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PARTICLES
JET ENGINE
EXHAUST
TAP-OUT
LATCHING
TEST METHODS
PRESSURE
EXPERIMENTAL DATA
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MEASUREMENT
MODULATION
SIGNAL-TO-NOISE RATIO
ANTENNAS
TESTS
COMMUNICATION SYSTEMS

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NORTH AMERICAN AVIATION, INC., LOS ANGELES.
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SUPERSONIC PLANES
MOMENTS
LOADING /MECHANICS/
DIGITAL COMPUTERS
DATA
AERODYNAMIC FORCES
ANALYSIS
MOMENTS
STABILIZERS /HORIZONTAL TAIL SURFACE/
STABILIZERS /VERTICAL TAIL SURFACE/
XB-70 AIRCRAFT

48 01169
12-A
NATCOTT, V. C.
NORTH AMERICAN AVIATION, INC., LOS ANGELES.
AERONAUTICAL SYSTEMS DIV., WRIGHT-PATTERSON
AFB, OHIO.
THERMODYNAMICS FLIGHT TEST INSTRUMENTATION
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SUPersonic PLANES
BOMBERS
FLIGHT TESTING
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CONTROL SYSTEMS
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AIR
TEMPERATURE-WARNING SYSTEMS
THERMODYNAMICS
PRESSURE
XB-70 AIRCRAFT
ENVIRONMENT
CABIN

60 01170
12-A
NAT L
ELIAS, M. D.
NORTH AMERICAN AVIATION, INC., LOS ANGELES
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AFB, OHIO.
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FOR THE MODEL XB-70A AIR VEHICLE.# NUMBER 1.
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SUPersonic PLANES
BOMBERS
THERMODYNAMICS
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ENVIRONMENT
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68 01171
12-B
NAT U
NORTH AMERICAN AVIATION, INC., LOS ANGELES.
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AFB, OHIO.
ANALYSIS OF EXTERNAL AERODYNAMIC EFFECT
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8 X 7 SUPersonic WIND TUNNEL.#
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JET ENGINE INLETS
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ANALYSIS
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68 01172
12-B
NAT U
NORTH AMERICAN AVIATION, INC., LOS ANGELES.
AERONAUTICAL SYSTEMS DIV., WRIGHT-PATTERSON
AFB, OHIO.
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INDUCTION SYSTEM.#
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AD-830 359
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SUPersonic PLANES
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ANALYSIS
BOUNDARY LAYER CONTROL SYSTEMS
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DATA
XB-70 AIRCRAFT
AIR INDUCTION

68 01173
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MENDRIX, G. D.
GODWIN, U. D.
FRAZIER, F. D.
DUNNIN, R. E.
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AFB, CALIF.
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PILOT TUBE
EQUATIONS
THEORY
TAKE-OFF
LANDING
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NON-STEADY STATE
STEADY STATE
TURNING

68 01174
02-A
GOWIN, D. U.
FRAZIER, F. D.
MIRNIN, R. E.
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TAKE-OFF
LANDING
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NAT U

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02-A
BULMOVITINOV, V. F.
AIR FORCE SYSTEMS COMMAND, FOREIGN TECHNOLOGY
DIV., WRIGHT-PATTERSON AFB, OHIO.
DEVELOPMENT OF AIRCRAFT.# TRANSLATED FROM
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WARFARE
EFFECTIVENESS
PRODUCTION
ROCKETS
AERONAUTICS
DEVELOPMENT
COMPARATIVE STUDIES

NAT U

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02-G
SETU, E. I.
BARRINI, M. J.
HONAKER, J. S.
AIR FORCE FLIGHT TEST CENTER, EDWARDS
AFB, CALIF.
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FM LAMB WAVE SYSTEM
THIN SHEET MATERIALS
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68 01213 NAT U
02-E
AUTOMETICS, ANAHEIM, CALIF.
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REDUNDANT COMPONENTS
CIRCUITS
YAW
PITCH /MOTION/
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C# CRITERION

68 01214 NAT U
01-C
KURTZE, G., DR.
MECHEL, F., DR.
GRUNZHEIG AND HARTMANN A. G., LUDWIGSHAFEN AM
RHEIN, WEST GERMANY.
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BROADBAND
SHOCK WAVES
ACOUSTICS
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68 01215 NAT U
09-6
MASON, W. P.
WOOD, W. A.
COLUMBIA UNIV., NEW YORK. SCHOOL OF
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METALS
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68 01216 NAT U
02-1
VALOF, S.
WHITTAKER CORP. NAMCO RESEARCH AND
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CFRANIC FIBERS
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WARNING SYSTEMS
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68 01217 NAT U
06-F
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AD-829 861
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BROADBAND
TRANSMISSION LINES
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TELEGRAPH EQUIPMENT
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68 01218 NAT U
06-E
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68 01219 NAT U
06-C
KEIGO, I.
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TAYLORS SERIES
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DISSIPATIVE MEDIUM

68 01220 NAT U
09-C
ALEXANDER, H.
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68 01221 NAT U
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KEHR, A. D.
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POLYETHYLENE PLASTICS
COLD WEATHER TESTS
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RUPTURE
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68 01222
01-E
MELLON, C. S.
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CORROSION
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SEALS /STOPPERS/
ENGINEERING
P-3 AIRCRAFT
C-130 AIRCRAFT
OV-1 AIRCRAFT
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68 01224
02-B
TRUNOR, D. K.
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AIRCRAFT
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NAT U

68 01226
02-N
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GRUMMAN AIRCRAFT ENGINEERING CORP., BETHPAGE,
N. Y.
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PITCH /MOTION/
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NAT U

68 01227
01-F
BORLAND, C. J.
MASSACHUSETTS INST. OF TECH., CAMBRIDGE.
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INTERFERENCE
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68 01228
11-C
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68 01229
07-G
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ADAMS, J. A.
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13-C
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68 01231 NAT U
02-A
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ANALYSIS
SHORT TAKE-OFF PLANES
VERTICAL TAKE-OFF PLANES
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AIRPORTS
SYMPOSIA

68 01232 NAT U
08-F
NAVAL WAR COLLEGE, NEWPORT, R. I.
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68 01233 NAT U
07-E
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68 01234 NAT U
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68 01235 NAT U
06-C
STUART, D. G.
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68 01236 NAT U
08-D
MOSHOVSKY, A. G.
DOWNIE, C. S., COL.
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68 01237 R NAT U
10-C
CONNOLLY, D. W.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
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DISPLAY SYSTEMS
WEATHER FORECASTING
HUMAN ENGINEERING
AIR TRAFFIC CONTROL SYSTEMS
RESOLUTION
WEATHER OUTLINE CONTOUR GENERATOR

68 01238 R NAT U
03-B
HAWTHORNE, K. E.
WILCOX ELECTRIC CO., INC., KANSAS CITY, MO.
FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE,
WASHINGTON, D. C.
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68 01239 R NAT U
03-F
PATTERSON, V. W.
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TRANSOCEANIC
DATA
NAVAL OPERATIONS
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68 01240 R NAT U
03-R
PURSEL, R. M.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
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68 01241 R NAT U
09-E
NOHLER, S. R.
DILLE, J. R.
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68 01242 R NAT U
05-M
SFIPEL, J. M., PH.D., M.D.
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OBSTRUCTION /PHYSIOLOGY/
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68 01243 R NAT U
09-A
MARCY, J. F.
JOHNSON, R.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
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68 01244 R NAT U
 01-F
 SKINNEY, R. W.
 PIER, F.
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 STANDARDS SERVICE, WASHINGTON, D. C.
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 DISTANCE MEASURING EQUIPMENT
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68 01245 R NAT U
 04-E
 WIGNOT, J. E.
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68 01246 NAT U
 01-A
 GRAY, L.
 LITVA, J.
 BOEING CO. VERTRUL DIV., PHILADELPHIA.
 ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
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68 01247 NAT U
 01-F
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 DAYER, F. J.
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68 01248 NAT U
 09-B
 CUSTARD, G. H.
 FALCON RESEARCH AND DEVELOPMENT CO., DENVER,
 COLO.
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68 01249 NAT U
02-N
ADAMSON, W. M.
UNITED AIRCRAFT CORP. HAMILTON STANDARD DIV.,
WINDSOR LOCKS, CONN.
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68 01250 NAT U
02-N
THORNTON, J. W.
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SAFETY HARNESS
EMERGENCY PROCEDURES
AIRCRAFT FIRES

68 01251 NAT U
02-D
LENANSKI, A. J.
ALBERTI, J. P.
MACK, J. C.
ROEING CO. VENTOL DIV., PHILADELPHIA.
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RC-D-0854
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GEARS
GEOMETRY
DESIGN
QUALITY CONTROL
LOADING /MECHANICS/
STRAIN /MECHANICS/
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TESTS
CONFORMAL GEARS

68 01252 NAT U
02-N
WILSON, J. W.
SCHIMA, M. P.
DEITERING, J. S.
LTV AIRCRAFT CORP. VOUGHT AERONAUTICS DIV.,
DALLAS.
ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
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VERTICAL TAKE-OFF PLANES
SHORT TAKE-OFF PLANES
RESPONSE
CARGO
LOAD DISTRIBUTION
AIR-GRUP OPERATIONS
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PILOTS
MODELS /SIMULATIONS/
FLIGHT TESTING
DATA
TRANSPORT PLANES
XC-142A AIRCRAFT

68 01253 NAT U
01-B
VLEGHERT, J. P. K.
NORTH ATLANTIC TREATY ORGANIZATION, PARIS.
ADVISORY GROUP FOR AEROSPACE RESEARCH AND
DEVELOPMENT.
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INGESTION /ENGINES/
POWER PLANTS /AIRCRAFT/
JET TRANSPORT PLANES
AUTOMATIC THROTTLE
HOT-GAS

68 01254 NAT U
02-A
MCVITTIE, A. M.
NORTH ATLANTIC TREATY ORGANIZATION, PARIS.
ADVISORY GROUP FOR AEROSPACE RESEARCH AND
DEVELOPMENT.
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31, 1967.#
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COMPARATIVE STUDIES

68 01255 NAT U
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VOROBIEV, L. M.
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MATHEMATICAL ANALYSIS
MOTION
CORRECTIONS
NAVIGATION SATELLITES
INERTIAL NAVIGATION
ASTROINERTIAL

68 01256 NAT U
01-D
FINK, M. F.
FREEMAN, D. C., JR.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
FULL-SCALE WIND-TUNNEL INVESTIGATION OF THE
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WIND TUNNELS
ROLL
PITCH /MOTION/
GENERAL AVIATION AIRCRAFT
ANGLE OF ATTACK
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CONTROL SYSTEMS
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68 01257 NAT U
08-C
DEPARTMENT OF DEFENSE, WASHINGTON, D. C.
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PERT COST.
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68 01258 NAT U
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68 01260 NAT U
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68 01262 NAT U
 OR-N
 LAVI, R.
 HALL, G. R.
 STARK, W. W.
 NORTHROP CORP., HAWTHORNE, CALIF.
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68 01263 NAT U
 OR-E
 CHASE, T. W.
 FALKNER, V. L.
 HELFENSTEIN, R. F.
 HONEYWELL, INC., MINNEAPOLIS.
 AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-
 PATTERSON AFB, OHIO.
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 AFFDL-TR-68-64
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 F-104 AIRCRAFT
 CAS /CONTROL AUGMENTATION SYSTEM/
 SAS /STABILITY AUGMENTATION SYSTEM/

68 01264 NAT U
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 CHASE, T. W.
 FALKNER, V. L.
 HELFENSTEIN, R. F.
 HONEYWELL, INC., MINNEAPOLIS.
 AIR FORCE FLIGHT DYNAMICS LAB.,
 WRIGHT-PATTERSON AFB, OHIO.
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 SAS /STABILITY AUGMENTATION SYSTEM/

68 01265 NAT U
 07-C
 WIERENGA, B. J.
 DEBONO, M. A.
 GREEN, Z. A.
 LEAR SIEGLER, INC. INSTRUMENT DIV., GRAND
 RAPIDS.
 AIR FORCE FLIGHT DYNAMICS LAB.,
 WRIGHT-PATTERSON AFB, OHIO.
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68 01266 NAT U
 02-E
 CHASE, T. M.
 FALKNER, V. L.
 HEIFINSTEIN, R. F.
 HONEYWELL, INC., MINNEAPOLIS.
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 WRIGHT-PATTERSON AFB, OHIO.
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 JET BOMBERS
 JET FIGHTERS
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 DLG /DIRECT LIFT CONTROL/
 C-5A AIRCRAFT

68 01267 NAT U
 04-E
 NEUGENT, J.
 BOEING CO., WICHITA, KAN.
 AIR FORCE FLIGHT DYNAMICS LAB.,
 WRIGHT-PATTERSON AFB, OHIO.
 LOCATION OF ROUGH AREAS OF RUNWAYS FOR B-52
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 AD-835 425
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 PROGRAMMING /COMPUTERS/
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 TAKE-OFF
 B-52 AIRCRAFT

68 01268 NAT U
 04-E
 QUADE, D. A.
 BOEING CO., WICHITA, KAN.
 AIR FORCE FLIGHT DYNAMICS LAB.,
 WRIGHT-PATTERSON AFB, OHIO.
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 B-52 AIRCRAFT.# VOLUME IV, NUMERICAL RESULTS.
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 AD-833 693
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 TAKE-OFF
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 CENTER OF GRAVITY
 TAILS /AIRCRAFT/
 ACCELERATION
 B-52 AIRCRAFT
 COMPARATIVE STUDIES
 NOSE /AIRCRAFT/

68 01269 NAT U
 07-C
 BAGNALL, G. M.
 HOWE, D. R.
 ITT FEDERAL LABS., FORT WAYNE, IND.
 AIR FORCE FLIGHT DYNAMICS LAB.,
 WRIGHT-PATTERSON AFB, OHIO.
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 DISPLAY SYSTEMS
 ELECTROLUMINESCENCE
 SWITCHING CIRCUITS
 CONTROL
 DIODES /SEMICONDUCTOR/
 RESISTORS
 PANEL BOARDS /ELECTRICITY/

68 01270 NAT U
02-1
DEROUVILLE, M.
HEBENSTREIT, L. V.
KIDDE /WALTER/ AND CO., INC., BELLVILLE,
N. Y.
AIR FORCE AERO PROPULSION LAB.,
WRIGHT-PATTERSON AFB, OHIO.
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GAS DISCHARGE FIRE EXTINGUISHING SYSTEM.#
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ENVIRONMENTAL TESTS
SIMULATION
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ANALYSIS
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SELF-PRESSURIZATION
COMPARATIVE STUDIES

68 01271 NAT U
12-A
SAWYER, R. H.
MCLAUGHLIN, M. D.
SLESKY, N. S.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
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CONTROL SYSTEM.#
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ATC TERMINAL AREA
NAVIGATION
ANALYSIS

68 01272 NAT U
12-G
WHITLOW, J. B., JR.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
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SONIC BOOM
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DUC /DIRECT OPERATING COS./
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68 01273 NAT U
02-N
MCLEMORE, H. C.
SMITH, C. C., JR.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
HOT-GAS INGESTION INVESTIGATION OF LARGE-
SCALE JET VIOL FIGHTER-TYPE MODELS.#
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JUN 1968, 258 P, ILLUS
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EXHAUST NOZZLES
JET ENGINE INLETS
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TEMPERATURE
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68 01274 NAT U
02-N
KELLY, J. R.
GARRIN, J. F., JR.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
LANGLEY RESEARCH CENTER, LANGLEY STATION,
HAMPTON, VA.
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NASA-TN-D-4624
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68 01275 NAT U
07-A
WEIR, D. M.
JOHNSON, W. A.
SYSTEMS TECHNOLOGY, INC., MANTHORNE, CALIF.
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
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68 01276 NAT U
13-A
HANEY, D. G.
SMITH, S. R.
STANFORD RESEARCH INST., MENLO PARK, CALIF.
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HAWAIIAN ISLANDS
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PUGET SOUND
NEW YORK CITY AREA
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68 01277 NAT U
05-B
HEELER, G. W., JR.
ARMY AEROMEDICAL RESEARCH UNIT, FORT RUCKER,
ALA.
ARMY MEDICAL RESEARCH AND DEVELOPMENT COMMAND,
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AD-664 129
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EYE
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ANALOG SYSTEMS
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ANALYZER

68 01278 NAT U
08-E
BOOK, P. S.
CARP, G.
KORZEKWA, S. M.
NAVAL AIR DEVELOPMENT CENTER, JOHNSVILLE,
PENNA.
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AMPLITUDE

68 01279 NAT U
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COMMERCIAL AIRPLANE MARKET.
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FEASIBILITY STUDIES
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ANALYSIS
UNITED STATES GOVERNMENT
AIR CARRIERS
IMPACT /ECONOMICS/
L-2000 AIRCRAFT
CASH FLOW PREMISES

68 01280 NAT U
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USING NATIONAL AND MULTIREGIONAL INPUT-OUTPUT
TECHNIQUES.
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IMPACT /ECONOMICS/

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HENLEY, M. G.
SMITH INDUSTRIES, LTD. AVIATION DIV., WEMBLEY,
MIDDLESEY, ENGLAND.
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FLARES
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JET PLANES
WEATHER SYSTEMS /AERONAUTICS/
ALL-WEATHER AVIATION
TRIDENT AIRCRAFT
WEATHER MINIMA

68 01282 NAT U
10-F
BECKWITH, W. B.
UNITED AIR LINES, INC., DENVER.
WEATHER BUREAU, WASHINGTON, D. C.
ANALYSIS OF THE SEVERE WEATHER FACTOR IN
AUTOMATIC CONTROL OF AIR ROUTE TRAFFIC.
FINAL REPORT.
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AIR ROUTE TRAFFIC CONTROL CENTERS
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68 01285 NAT U
13-A
BALLOI, M. M.
MCADAMS, M. E.
MOONAW, M. L.
PEARSON, F. E.
SOWA, G.
ULF, G. M., JR.
DEPARTMENT OF COMMERCE, OFFICE OF THE
UNDERSECRETARY OF TRANSPORTATION, WASHINGTON,
D. C.
TRANSPORTATION OF TRANSOCEANIC CARGO - A
DESIGN FOR RESEARCH.#
GENERAL DISTRIBUTION
AUG 1966, 12 P
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ECOM-01216-F1
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TRANSOCEANIC
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68 01286 NAT U
02-F
HONEYWELL, W. L.
HENDERSON, M. C.
LAWSON, J. C.
ROTHMAN, D. J.
TUSHNETZ, J. L.
HONEYWELL, INC., MINNEAPOLIS.
ARMY ELECTRONICS COMMAND, AVIONICS LAB.,
FORT MONMOUTH, N. J.
ARMY ADVANCED AFCS STUDY.# PHASE I,
FINAL REPORT /1 MARCH TO 1 NOVEMBER 1965/.
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OH-5 HELICOPTER

68 01287 NAT U
11
BORROR, M. J.
MCDONNELL CO., ST. LOUIS.
EROS IN OPERATION.# PRESENTED AT THE
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23 AND 24 FEBRUARY 1967.
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DISCRIMINATORS
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68 01288 NAT U
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AEROSPACE INDUSTRIES ASSN. OF AMERICA, INC.
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68 01289 NAT U
02-F
MINI-MAX, INC.
WEATHER WEAPONS, SILVER SPRING, MD.
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NAVAL ELECTRONICS LAB. CENTER,
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LOTT, D.
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ZEVEY, M.
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AIR FORCE CAMBRIDGE RESEARCH LABS., L. G.
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68 01331
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SCHINDEL, L. M.
MASSACHUSETTS INST. OF TECH., CAMBRIDGE.
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WRIGHT-PATTERSON AFB, OHIO.
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68 01332
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BERMAN, J. H.
SHYPRYKENICH, P.
SMEDFJELD, J. B.
GRUMMAN AIRCRAFT ENGINEERING CORP., BETHPAGE,
N. Y.
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68 01333
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BERMAN, J. H.
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KELLY, R. F.
GRUMMAN AIRCRAFT ENGINEERING CORP., BETHPAGE,
N. Y.
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68 01334
02-J
ECKHARDT, J. F.
FALD, P. L.
KUTMAN, D.
LEVISON, W. H.
BOLT, BERTRAM AND NEWMAN, INC., HARTFORD
CONNECTICUT
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68 01335
02-J
LITCHFORD, G. B.
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68 01336
02-J
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WIGHTMAN, C. W.
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68 01337 R NAT U
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68 01338 R NAT U
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68 01339 NAT U
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68 01340 R NAT U
08-E
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68 01341 R NAT U
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68 01342 R NAT U
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68 01344 R NAT U
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68 01346 R NAT U
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HECKER, M. H. L.
KRYTER, K. D.
STANFORD RESEARCH INST., MENLO PARK, CALIF.
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68 01350 R NAT U
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68 01353 R NAT U
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ENTREKIN, H.
WILSON, J.
TRAVELERS RESEARCH CENTER, INC., HARTFORD.
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68 01354 R NAT U
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EGGSPUCHLER, J. J.
WEISLOGEL, G. S.
OHIO STATE UNIV., COLUMBUS.
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68 01355 R NAT U
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WOODWARD, R. H.
SPEARS, M. F.
AMBROSENO, B.
DAVIDSON, D.
PICKARD AND BURNS ELECTRONICS, WALTHAM, MASS.
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68 01356 R NAT U
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OLLERHEAD, J. R.
WYLE LABS. RESEARCH STAFF, MONTSVILLE, ALA.
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68 01357 R NAT U
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68 01358 R NAT U
04-F
PHILLIPS, C. B.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
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TESTING MONSANTO CHEMICAL DE-ICER
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68 01359 R NAT U
 11
 MARSHALL, F. W.
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68 01360 R NAT U
 02-J
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68 01361 R NAT U
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68 01362 R NAT U
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68 01363 R NAT U
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WEINBERG, H. P.
VALUE ENGINEERING CO., ALEXANDRIA, VA.
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68 01364 R NAT U
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SIUSNER, G. W.
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68 01365 R NAT U
04-E
SCHULTER, C. L.
BROMLEY, E. JR.
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68 01366 NAT U
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68 01368 NAT U
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APPROACH LIGHTS
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DETECTORS
LAMPS

68 01369 NAT U
02-G
BYNUM, J. A., CAPT.
BAILEY, R. W., LTC.
CROSBY, J. K., MAJ.
NIX, M. S., JR., MAJ.
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68 01370
02-K
GLASENAPP, R. K.
GAFFNEY, W. C.
BOEING CO., RENTON, WASH.
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ANTI-SKID SYSTEMS.
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NAT U

68 01371
07-C
BERNER, C.
CUNNAY, J.
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MULTIPLE OPERATION
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ELECTROMAGNETIC PULSES
PLAN POSITION INDICATORS

NAT U

68 01372
01-C
CAHILL, J. F.
COOPER, B. L.
LOCKHEED-GEORGIA CO., MARIETTA, GA.
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
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SHOCK-BOUNDARY LAYER PHENOMENA.
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BOUNDARY LAYER
TEST METHODS
DATA
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C-141 AIRCRAFT

NAT U

68 01373
07-C
KEWELL, F. O.
COMBELL AERONAUTICAL LAB., INC., BUFFALO,
AIR FORCE FLIGHT DYNAMICS LAB.,
WRIGHT-PATTERSON AFB, OHIO.
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NAT U

68 01374
04-B
BERTRAM, H. L.
BENZING, R. J.
AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON
AFB, OHIO.
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HYDRAULIC FLUIDS.
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STABILITY
LUBRICANTS
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EFFECTIVENESS
LONG-TERM

NAT U

68 01375
04-J
GILLISPIE, C. M.
RAYTHEON CO., NORWOOD, MASS.
ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB,
N. Y.
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INTEGRATED CIRCUITS
PORTABLE
MODULES /ELECTRONIC/

NAT U

68 01376 NAT U
10-A
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10-A
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AIR FORCE ENVIRONMENTAL TECHNICAL
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AWS-TR-202
AD-672 221
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CLIMATOLOGY
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ATTENUATION
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TEMPERATE REGIONS

68 01378 NAT U
10-H
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68 01379 NAT U
10-A
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68 01380 NAT U
10-A
ALDEN, R. F.
BARNETT, A. M.
BAUMHEFER, D. P.
BRODLEY, E., JR.
CLAYTON, M. M.
CORNUM, R. C.
DEISINGER, D. A.
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68 01381 NAT U
10-C
MCCABE, J. T., COL., USAF.
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AND PERSISTENCE.0
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68 01382 NAT U
08-A
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68 01384 NAT U
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68 01385 NAT U
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 AIRCRAFT OWNERS AND PILOTS ASSN., BETHEDA, MD.
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68 01405 NAT U
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 HEIGHT /DIMENSIONS/
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68 01388 NAT U
 01-C
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68 01389 NAT U
01-F
SEWELL, R. T.
CANADA, NATIONAL RESEARCH COUNCIL, OTTAWA.
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68 01390 NAT U
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68 01391 NAT U
12-G
LUNDBERG, B. K.
DRESSLER, R. F.
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CURVES /MATHEMATICS/

68 01393 NAT U
02-D
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SMITH, D. J. L.
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68 01394 NAT U
02-H
HOPKIN, H. R.
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68 01395 NAT U
01-C
SELLS, C. C. L.
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DIFFERENTIAL EQUATIONS
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68 01396 NAT U
01-F
TAYLOR, A. S.
ECKFORD, D. J.
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AD-832 412
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AIRCRAFT
LOADING /MECHANICS/
DESIGN
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MEASUREMENT
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68 01397 NAT U
01-G
MABEY, D. G.
ILOIT, G. P.
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RAE-TR-67202
AD-832 413L
WIND TUNNELS
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68 01400 NAT U
01-G
MILCOCK, G. H.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
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MOTOR GENERATORS
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TWO-PHASE
THREE-PHASE

68 01401 NAT U
07-A
POPE, G. G.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
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68 01402 NAT U
01-G
GOLDBRITH, E. L.
EVANS, M. A.
SMITH, C. V. F.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
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BOATTAIL ANGLES

68 01403 NAT U
01-G
GOLDBRITH, E. L.
EVANS, M. A.
SMITH, C. V. F.
GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
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68 01402 NAT U
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 WYATT, I. A.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
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 NO FOREIGN
 DEC 1967, 5 P, ILLUS
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 AD-832 446
 WIND TUNNELS
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68 01403 NAT U
 02-J
 PIGGETT, R. A. G.
 PHILLEN, D. M.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
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 PERFORMANCE OF DEFLECTED-JET AIRCRAFT.#
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 AD-838 028
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68 01404 NAT U
 06-J
 JAMES, P. M.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
 FARNBOROUGH, HANTS, ENGLAND.
 FALSE ALARM AND FALSE DISMISSAL
 PROBABILITIES FOR A RADAR SEARCHING A WIDE
 INTERVAL OF RANGE.#
 NO FOREIGN
 DEC 1967, 42 P, ILLUS, 8 REFS
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 WARNING SYSTEMS
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68 01405 NAT U
 01-C
 BROADBENT, E. G.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
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 HEAT ADDITION.#
 NO FOREIGN
 JAN 1968, 23 P, ILLUS, 4 REFS
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68 01406 NAT U
 06-M
 LIXE, E.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
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 MEASUREMENT
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 ULTRA HIGH FREQUENCY
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68 01407 NAT U
 04-B
 WITTINGHAM, R. A.
 GT. BRIT. ROYAL AIRCRAFT ESTABLISHMENT,
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 ROTARY HYDRAULIC ARRESTER GEAR MK.1 TESTS
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 WITH A SPLIT DISTANCE OF 250 FEET.#
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 ARRESTING GEAR
 INSTALLATION
 RUNWAYS
 TAPES
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68 01409 NAT U
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 GROUND STATIONS

68 01411 NAT U
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STORAGE AND RETRIEVAL OF INFORMATION.
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DATA PROCESSING SYSTEMS
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MAN-MACHINE SYSTEMS
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USER-SUPPLIER

68 01412
02-N
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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
LANGLEY RESEARCH CENTER, LANGLEY STATION,
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GENERAL DISTRIBUTION
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CONFIGURATION
HELICOPTER ROTORS
LIFT
TAILS /AIRCRAFT/
WAKE
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68 01414 NAT U
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68 01415
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68 01416 NAT U
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68 01452 NAT U
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SR 01454 R NAT U
02-M
FEDERAL AVIATION AGENCY, WASHINGTON, D. C.
BOEING 727 MAINTENANCE REVIEW BOARD
REPORT.#
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MAR 1966, 54 P, ILLUS
MAINTENANCE
JET TRANSPORT PLANES
FEDERAL AVIATION AGENCY
QUALITY CONTROL
TURBOJAN ENGINES
CHECKOUT PROCEDURES
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SPECIFICATIONS
STRUCTURES
ROLLING 727 AIRCRAFT
PRATT/WHITNEY JT8D-1 ENGINE
AIRCRAFT STRUCTURES

6R 01455 NAT U
06-F
FEDERAL AVIATION ADMINISTRATION,
WASHINGTON, D. C.
FEDERAL AVIATION ADMINISTRATION/
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AUG 1966, 47 P
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CR 01456 R NAT U
02-I
PHILLIPS, R. G.
STUBBS, M. E.
MT. AUBURN RESEARCH ASSOCIATES, INC.,
CAMBRIDGE, MASS.
FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE,
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INVESTIGATION OF VARIOUS AVIATION
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OCT 1967, 23 P, ILLUS, TABLES, & REFS
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TRANSMISSION LINES
TELEPHONE LINES
ANCHORS /STRUCTURAL/
COLLISION AVOIDANCE
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IDENTIFICATION
HAZARDS
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TESTS
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CONSTRUCTION /ABSTRACT CONCEPT/

6R 01457 R NAT U
09-G
KORN, C. W.
FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE,
WASHINGTON, D. C.
INVESTIGATION OF SUSPECTED STRUCTURAL
DEFICIENCIES, JACKSONVILLE AND OTHER AIR
ROUTE TRAFFIC CONTROL CENTER BUILDINGS.#
MEMORANDUM REPORT.
GENERAL DISTRIBUTION
MAY 1967, 35 P, ILLUS
AIR ROUTE TRAFFIC CONTROL CENTERS
CONCRETE
FLOORS
FRACTURE /MECHANICS/
ANALYSIS
JACKSONVILLE
BENCHMARKS

6R 01459 R NAT U
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FEDERAL AVIATION ADMINISTRATION,
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GOVERNMENT/INDUSTRY MEETING TO UPDATE SST
STANDARDS OCTOBER 3-5.0 AGENDA.
GENERAL DISTRIBUTION
1967, 63 P, ILLUS
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STANDARDS
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EFFECTIVENESS
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6R 01460 R NAT U
08-B
CLARK, J. E.
FEDERAL AVIATION AGENCY, WASHINGTON, D. C.
MOBILE/TRANSCATABLE AIR TRAFFIC CONTROL
NAVIGATIONAL AID AND COMMUNICATIONS SYSTEM.#
INTERIM REPORT.
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64 01442 NAT U
12-A
BRITISH AIRCRAFT CORP. OPERATING, LTD. PILTON
DIV., BRISTOL ENGLAND.
THE FIFTH MEETING OF THE FRENCH-BRITISH
UNITED STATES SUPERSONIC TRANSPORT,
WASHINGTON, D. C., FEBRUARY 27-MARCH 3, 1967.
GENERAL DISTRIBUTION
1967, 30 P, ILLUS
WP-530
IMPACT SHOCK
MAIL
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AIRWORTHINESS
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ENCOUNTERS
DC-8 AIRCRAFT
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JET AIRLINES
VISCOMET AIRCRAFT
VC-10 AIRCRAFT
F.A.U.S.S.T.

68 01463 R NAT U
02-1
BULK, R. M.
FEDERAL AVIATION AGENCY, COLLISION PREVENTION
ADVISORY GROUP, WASHINGTON, D. C.
FEDERAL AVIATION AGENCY COLLISION
PREVENTION ADVISORY GROUP, MINUTES OF THE
TWENTY-SIXTH MEETING, DECEMBER 1, 1966.
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COLLISION AVOIDANCE
FEDERAL AVIATION ADMINISTRATION
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68 01464 R NAT U
06-F
BACHMADY, F. J., DR.
ADCOM, INC., CAMBRIDGE, MASS.
FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE, WASHINGTON,
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CHARACTERIZATION OF AIR-TO-GROUND VHF AND
UHF PROPAGATION MEDIA. WORKING PAPER.
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AUG 1967, 221 P, ILLUS, TABLES, REFS
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AIR-TO-SURFACE
VERY HIGH FREQUENCY
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PROPAGATION
MATHEMATICAL MODELS
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48 01465
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LUPPSEY, W. S.
FEDERAL AVIATION ADMINISTRATION, RESEARCH
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68 01466
02-M
FEDERAL AVIATION ADMINISTRATION, RESEARCH
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68 01467 NAT U
09-D
PENLEBERRY, S. L.
SIMENZ, R. F.
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LOCKHEED CALIFORNIA CO., BURBANK, CALIF.
FRACTURE TOUGHNESS AND CRACK PROPAGATION IN
300 M STEEL. TECHNICAL REPORT.
GENERAL DISTRIBUTION
AUG 1968, 197 P, ILLUS, REFS
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FA67-WA-1821
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MATHEMATICAL ANALYSIS
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METAL PLATES
FORGING
HEAT TREATMENT
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SURFACE PROPERTIES
EQUATIONS
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68 01468 R NAT U
03-D
HARTMAN, L.
AIRBORNE INSTRUMENTS LAB., DEER PARK, N. Y.
FEDERAL AVIATION ADMINISTRATION, SYSTEMS
RESEARCH AND DEVELOPMENT SERVICE,
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BEACON RANGE ALTITUDE MONITOR SYSTEM/
AIRBORNE.# FINAL REPORT.
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AUG 1968, 32 P, ILLUS
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FAB7WA-164H
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AD-676 552
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RANGES /DISTANCE/
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68 01469 R NAT U
04-D
CHAPMAN, C.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
AVIATION FACILITIES EXPERIMENTAL CENTER,
ATLANTIC CITY.
PRELIMINARY INVESTIGATION OF THE NAS STAGE
A BACKUP CHANNEL AS RELATED TO THE RESOLUTION
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68 01470 R NAT U
01-C
SPERRY, W. L.
FEDERAL AVIATION ADMINISTRATION, OFFICE OF
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AIRCRAFT NOISE EVALUATION.#
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AD-676 240
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AIRCRAFT NOISE
EPNL /EFFECTIVE PERCEIVED NOISE LEVEL/
DONES /ACOUSTICS/
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68 01471 R NAT U
02-H
SKELTON, G. E.
FEDERAL AVIATION ADMINISTRATION, NATIONAL
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68 01472 R NAT U
02-G
HUNTING, A. W.
FLEMING, R. S.
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OPERATIONS.#
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ANALYSIS
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68 01473 R NAT U
05-E
VAUGHAN, J. A.
HIGGINS, E. A.
FUNKHOUSER, G. E.
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AD-675 522
AVIATION MEDICINE
BODY TEMPERATURE
MOTOR REACTIONS
ARMS
ENVIRONMENTAL TESTS

68 01474 R NAT U
05-G
SIEGEL, P. V., MD.
BOOZE, C. F., JR.
FEDERAL AVIATION ADMINISTRATION, OFFICE OF
AVIATION MEDICINE, OKLAHOMA CITY.
A RETROSPECTIVE ANALYSIS OF AEROMEDICAL
CERTIFICATION DENIAL ACTIONS. # JANUARY 1967 -
DECEMBER 1967.
GENERAL DISTRIBUTION
MAY 1968, 11 P, TABLES
AM-68-9
AD-675 521
AVIATION MEDICINE
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68 01475 R NAT U
05-F
CROSBY, W. M., MD.
SNYDER, R. W., MD.
SNOW, C. C.
FEDERAL AVIATION ADMINISTRATION, OFFICE OF
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STUDIES. # NUMBER I.
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AM-68-6
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IMPACT SHOCK
WOUNDS AND INJURIES
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PRIMATES
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AVIATION MEDICINE
HABOONS

68 01476 R NAT U
05-F
FIGURICA, V.
HARR, M. J.
MOSES, R.
FEDERAL AVIATION ADMINISTRATION, OFFICE OF
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CONTRIBUTION OF ACTIVITY TO THE CIRCADIAN
RHYTHM IN EXCRETION OF MAGNESIUM AND
CALCIUM. #
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AD-674 416
EXCRETION
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CALCIUM
PERIODIC VARIATIONS
EXERCISE
AVIATION MEDICINE
CIRCADIAN RHYTHM

68 01477 R NAT U
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COLLINS, W. E.
FEDERAL AVIATION ADMINISTRATION, OFFICE OF
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INFLUENCE OF HEAD POSITION ON THE
OF VERTICAL NYSTAGMUS. # NUMBER IX.
ADAPTATION TO VESTIBULAR DISORIENTATION.
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AM-68-2
VESTIBULAR APPARATUS
HEAD
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68 01478
06-F
BARKALOW, R. S.
FEDERAL AVIATION ADMINISTRATION, OFFICE OF
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A METHOD FOR ACHIEVING EQUIPMENT
RELIABILITY, MAINTAINABILITY AND LOGISTICS
SUPPORT. # FINAL REPORT.
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RD-68-15
AD-676 730
RELIABILITY
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68 01479
11
SULLIVAN, R.
FEDERAL AVIATION ADMINISTRATION, OFFICE OF
AVIATION FACILITIES, WASHINGTON, D.C.
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TO AIR NAVIGATION. # FINAL REPORT.
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NA-68-15
RD-68-18
AD-676 526
LIGHTING EQUIPMENT
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68 01480 R NAT U
06-F
SMARGIASSI, R.
PHILCO-FORD CORP. COMMUNICATIONS AND
ELECTRONICS DIV., WILLOW GROVE, PENNA.
COMPUTER ENTRY AND READOUT EQUIPMENT
/CERE/. # FINAL REPORT.
GENERAL DISTRIBUTION
SEP 1967, 18 P, 7 REFS
FA66-WA-1547
PROJ-123-311-09A
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COMPUTERS
AIR TRAFFIC
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68 01481 NAT U
06-F
GRIFFITHS, J. D., MAJ. USAF.
AIR FORCE CAMBRIDGE RESEARCH LABS., 1. G.
HANSCOM FIELD, BEDFORD, MASS.
IMPROVED ANALOG VOICE COMMUNICATIONS. #
GENERAL DISTRIBUTION
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AFCL-68-0227
AD-671 486
VOICE COMMUNICATION SYSTEMS
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SPEECH TRANSMISSION
ANALOG SYSTEMS
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PA 01442
02-1
KUMPIESCH, W. C.
GRANAN, J. H.
AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-
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APPLICATION IN FLIGHT CONTROL SYSTEMS.
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JUN 1964, 177 P, ILLUS, 14 REFS
AFFDL-TR-67-221
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AD-839 526
FLIGHT CONTROL SYSTEMS
LIQUID METALS
ACTUATORS
HIGH-TEMPERATURE RESEARCH
SPRUE MECHANISMS
NAK-77 LIQUID METAL

NAT U

PA 01441
02-1
LENNY, J. E.
MCDONNELL-DOUGLAS CORP., ST. LOUIS.
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THE ART. VOL. II, FINAL REPORT.
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PREVENTION OF PANEL FLUTTER.
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AUG 1964, 101 P, ILLUS, 38 REFS
AFFDL-TR-67-140, VOL. II
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AD-840 591
PANELS /STRUCTURAL/
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NAT U

PA 01444
02-1
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HYPERSONIC PLANES
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BOOSTER ROCKETS
MATHEMATICAL ANALYSIS
REENTRY VEHICLES

NAT U

PA 01485
01-6
STENTON, T. E.
ANUR2W, L. V.
NORTH AMERICAN ROCKWELL CORP., LOS ANGELES.
AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-
PATTERSON AFB, OHIO.
TRANSONIC UNSTEADY AERODYNAMICS
FOR PLANAR WINGS WITH TRAILING EDGE CONTROL
SURFACES. FINAL REPORT, 71 AUGUST 1966 TO
31 NOVEMBER 1967.
NO FOREIGN
AUG 1966, 126 P, ILLUS, 8 REFS
AF33/6157-5417
NA-57-1054
AFFDL-TR-67-180
AD-840 575
TRANSONIC FLOW
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PA 01486
01-6
DUNN, V. W.
HUMPH, C. W., JR.
NORTH AMERICAN ROCKWELL CORP., LOS ANGELES.
AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-
PATTERSON AFB, OHIO.
SUPERSONIC UNSTEADY AERODYNAMICS FOR
WINGS WITH TRAILING EDGE CONTROL SURFACES
AND FOLDED TIPS. FINAL REPORT.
NO FOREIGN
AUG 1966, 215 P, ILLUS, TABLES, 25 REFS
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PA 01487
02-1
MAKERS, D. T.
CARNALL, J. J.
GENERAL ELECTRIC CO., BINGHAMTON, N. Y.
AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-
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DIGITAL MECHANIZATION OF A DISCRETELY
ADAPTIVE FLIGHT CONTROL COMPUTER.
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APR 1968, 84 P, ILLUS, 4 REFS
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ACD-8193-1
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AD-839 532
FLIGHT CONTROL SYSTEMS
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ADAPTIVE CONTROL SYSTEMS
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COMPUTER LOGIC
FILTERS /ELECTROMAGNETIC WAVE/
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NAT U

68 01488 NAT U
07-A
WYNNE, R. N.
HUGHES AIRCRAFT CO., CULVER CITY, CALIF.
AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-
PATTERSON AFB, OHIO.
DEVELOPMENT OF THREE IMPROVED PRIMARY
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NO FOREIGN
JUL 1968, 31 P, ILLUS
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F33615-67-C-1715
AD-834 351
DESIGN
FLIGHT CONTROL SYSTEMS
MODELS /SIMULATION/
JET PLANES
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68 01489 NAT U
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WAKSBERG, I.
MALHEIRO, J.
WATKINS, S.
UNITED AIRCRAFT CORP. NORDEN DIV.,
NORWALK, CONN.
AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-
PATTERSON AFB, OHIO.
VERTICAL SITUATION DISPLAY FOR
VTOL SIMULATOR. # FINAL REPORT /1 JULY 1966 -
14 FEBRUARY 1968/.
NO FOREIGN
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AFFDL-TR-68-95
AF33615-5425
AD-840 265
VERTICAL TAKE-OFF PLANES
DISPLAY SYSTEMS
DESIGN
GENERATORS
CATHODE RAY TUBES
FLIGHT SIMULATIONS
VSD /VERTICAL SITUATION DISPLAY/

68 01490 NAT U
02-N
MCKENZIE, G. A.
LUDWIG, J. H., LT. COL.
AIR FORCE FLIGHT TEST CENTER, EDWARDS AFB,
CALIF.
P-1127 /XV-6A/ /VSTOL HANDLING QUALITIES
EVALUATION. # FINAL REPORT.
NO FOREIGN
AUG 1968, 309 P, ILLUS, 12 REFS
FTC-TR-68-10
AD-R39 849
VERTICAL TAKE-OFF PLANES
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MANEUVERABILITY
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PITCH /MOTION/
CONTROL
RECONNAISSANCE PLANES
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TRANSITION FLIGHT
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THRUST
YAW
PITCH
ROLL ANALYSIS
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P-1127 /XV-6A/AIRCRAFT

68 01491 NAT U
08-C
SMITH, C. C.
DYNES, R. E.
CHORNEY, K. A.
TRW SYSTEMS GROUP, NORTON AFB, CALIF.
ROME AIR DEVELOPMENT CENTER,
GRIFFISS AFB, N. Y.
COST EFFECTIVENESS METHODOLOGY. PART I,
GUIDELINES FOR SYSTEM LIFE - CYCLE COSTING. #
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JUL 1968, 238 P, ILLUS, TABLES, 62 REFS
F30602-67-C-0172
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RADC-TR-68-119-VOL-I
AD-840 386
COSTS
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68 01492 NAT U
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TERZIAN, R. C.
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CARDIAC OUTPUT AND REGIONAL BLOOD FLOW IN
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68 01039 NAT U
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AN EXPERIMENTAL STUDY OF THE INFLUENCE OF
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LARGE-SCALE WIND-TUNNEL INVESTIGATION OF AN
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CALIFORNIA, JUNE 13, 14, 15 AND 16, 1961.
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LOGIC APPLICATIONS OF ORBITAL
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AN ANALYSIS OF PERFORMANCE ESTIMATION
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A PILOTED FIXED-BASE SIMULATOR STUDY OF
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Euler-SUBSONIC FLIGHT AND FORCE INVESTIGATION
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68 00687 NAT U

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68 00688 NAT U

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68 00763 NAT U

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68 00764 NAT U

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68 00814 NAT U

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NOISE MEASUREMENTS DURING TAKE-OFF-CLIMBOUT
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68 00820 NAT U

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68 00844 NAT U

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68 00995 NAT U

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68 01204

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68 01256

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HOT-GAS INGESTION INVESTIGATION OF LARGE-
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STUDY OF THE OPTIMUM VALUES OF SEVERAL
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68 01274

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68 01412

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A PRELIMINARY STUDY OF THE AWAKENING AND
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68 01415

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68 01419

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A STUDY OF TURBOFAN-ENGINE COMPRESSOR-
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68 01422

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PROCEDURES FOR ESTIMATING THE EFFECTS OF
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68 01424

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EFFECT OF SPEED BRAKES ON THE SUPERSONIC
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68 01427

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68 01430

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A SUMMARY OF RESULTS ON SONIC-BOOM
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68 01433

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A SUMMARY OF ROTOR-HUB BENDING MOMENTS
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TRENDS IN REPEATED LOADS ON TRANSPORT
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DIVERGENCE OF SOME ALL-MOVABLE
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68 01501

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EFFECT OF SHAPE CHANGES ON THE
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68 01502

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SPHERICALLY BLUNTED CONES AT MACH NUMBERS FROM
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PERFORMANCE EVALUATION OF A TWO-STAGE
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68 00489 NAT U

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68 00689 NAT U

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68 00755 NAT U

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INVESTIGATION OF CLIMATE PERFORMANCE.#
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68 00758 NAT U

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ANALYSIS OF IMPULSE TURBINE-BLADE SECTIONS
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