### SUPPLEMENTS COVERED IN THIS INDEX

<table>
<thead>
<tr>
<th>Document</th>
<th>Page Range</th>
<th>Date</th>
<th>Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>NASA SP-7037(106)</td>
<td>1-50</td>
<td>February 1979</td>
<td>January 1979</td>
</tr>
<tr>
<td>NASA SP-7037(107)</td>
<td>51-109</td>
<td>March 1979</td>
<td>February 1979</td>
</tr>
<tr>
<td>NASA SP-7037(108)</td>
<td>111-181</td>
<td>April 1979</td>
<td>March 1979</td>
</tr>
<tr>
<td>NASA SP-7037(109)</td>
<td>183-245</td>
<td>May 1979</td>
<td>April 1979</td>
</tr>
<tr>
<td>NASA SP-7037(110)</td>
<td>247-313</td>
<td>June 1979</td>
<td>May 1979</td>
</tr>
<tr>
<td>NASA SP-7037(111)</td>
<td>315-388</td>
<td>July 1979</td>
<td>June 1979</td>
</tr>
<tr>
<td>NASA SP-7037(112)</td>
<td>389-445</td>
<td>August 1979</td>
<td>July 1979</td>
</tr>
<tr>
<td>NASA SP-7037(113)</td>
<td>447-505</td>
<td>September 1979</td>
<td>August 1979</td>
</tr>
<tr>
<td>NASA SP-7037(114)</td>
<td>507-559</td>
<td>October 1979</td>
<td>September 1979</td>
</tr>
<tr>
<td>NASA SP-7037(115)</td>
<td>561-600</td>
<td>November 1979</td>
<td>October 1979</td>
</tr>
<tr>
<td>NASA SP-7037(116)</td>
<td>601-677</td>
<td>December 1979</td>
<td>November 1979</td>
</tr>
<tr>
<td>NASA SP-7037(117)</td>
<td>679-722</td>
<td>January 1980</td>
<td>December 1979</td>
</tr>
</tbody>
</table>

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SPECIAL NOTICE

The abstract sections of the monthly supplements of *Aeronautical Engineering* can be bound separately. Individual abstracts can be located readily by means of the page numbers given at each entry, e.g., p0479 N79-23888. To assist the user in binding Supplements SP-7037 (106) through SP-7037 (117), a title page is included in the back of this Cumulative Index.
A CUMULATIVE INDEX
TO
AERONAUTICAL ENGINEERING
A Continuing Bibliography

This Cumulative Index supersedes the indexes contained in supplements SP-7037(106) through SP-7037(117).
INTRODUCTION

WHAT THIS CUMULATIVE INDEX IS

This publication is a cumulative index to the abstracts contained in NASA SP-7037(106) through NASA SP-7037(117) of Aeronautical Engineering: A Continuing Bibliography. NASA SP-7037 and its supplements have been compiled through the cooperative efforts of the American Institute of Aeronautics and Astronautics (AIAA) and the National Aeronautics and Space Administration (NASA). Entries prepared by the two contributing organizations are identified as follows:

1. NASA entries by their STAR accession numbers (N79-10000 series).
2. AIAA entries by their IAA accession numbers (A79-10000 series).

HOW THIS CUMULATIVE INDEX IS ORGANIZED

This Cumulative Index includes a subject index, a personal author index, a corporate source index, a contract number index, and a report/accession number index.

HOW TO USE THE SUBJECT INDEX

Two types of cross-references appear in the subject index:

1. Use (U) references indicate that the subject term is not "postable," i.e., not a valid term, and the following term or terms are used instead. For example:

   AIRCRAFT PROTUBERANCES
   U PROTUBERANCES
   FLIGHT PERFORMANCE
   U FLIGHT CHARACTERISTICS

2. Narrower Term (NT) references refer the user to more specific headings in the same subject area, under which additional material on the subject may be found. For example:

   FLOW RESISTANCE
   NT AERODYNAMIC DRAG
   NT FRICTION DRAG
   NT SUPERSONIC DRAG

In addition, a searcher may use the title or title and title extension in the index to narrow further his quest for particular items. This is because subject terms readily include more than one class of document. For example:

   AIRLINE OPERATIONS
   All-weather operations, including pilot role, instrument landing systems and guidance aids. Airport congestion as constraint on air travel, considering runway capacity and adjusted demand.

illustrates a case where two references on different topics are listed under the same subject term.
HOW TO USE THE PERSONAL AUTHOR INDEX

All personal authors used in the abstract-section citations in the individual Supplements appear in the index. Differences in transliteration schemes may require multiple searching of the index for variants of an author’s name. For example:

EMELIANOV, M. D.
and
YEMELYANOV, M. D.

HOW TO USE THE CORPORATE SOURCE INDEX

The corporate source index entries are abridged versions of the corporate sources used in the abstract-section citations in the individual Supplements. The corporate source supplementary (organizational component) does not appear in the index. For example:

BOEING CO., SEATTLE, WASH. MILITARY AIRCRAFT SYSTEMS DIV.

BOEING CO., SEATTLE, WASH. (Source citation entry)

BOEING CO., SEATTLE, WASH. (Source index entry)

HOW TO USE THE CONTRACT NUMBER INDEX

All contract numbers that are identified in the abstract-section citations in the individual Supplements appear in this index. Changes by agencies in the style in which contract numbers are presented may require multiple searching for variants. For example:

AF 33(615)-71-C-1758
F33615-71-C-1758

HOW TO USE THE REPORT/ACCESSION NUMBER INDEX

All report numbers that have been assigned by the corporate source, monitoring agency or cataloging activity appear in this index. Variations in initial cataloging may result in different report number series. For example:

TP-924
ONERA-TP-924

IDENTIFICATION OF DESIRED SUPPLEMENT

The abstract and descriptive cataloging for any accession number selected from the indexes may be found in the appropriate Supplement. The page-number range of each Supplement appears on the inside front cover of this index. Once the range of page numbers containing the selected accession number is located in the second column, the desired Supplement number will be found in the first column. For example:

Page 331 will be found in Supplement 111.

AVAILABILITY OF DOCUMENTS

Information concerning the availability of documents announced in the Aeronautical Engineering supplements is found in the Introduction to the most currently issued monthly supplement.
TABLE OF CONTENTS

SUBJECT INDEX ................................................................. A-1
PERSONAL AUTHOR INDEX ............................................. B-1
CORPORATE SOURCE INDEX ........................................... C-1
CONTRACT NUMBER INDEX ............................................. D-1
REPORT/ACCESSION NUMBER INDEX .................. E-1
Typical Subject Index Listing

<table>
<thead>
<tr>
<th>TITLE</th>
<th>REPORT NUMBER</th>
<th>PAGE NUMBER</th>
<th>NASA ACCESSION NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABLATIVE MATERIALS</td>
<td>p0114 A79-17622</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Analytical modeling of ramjet combustor heat transfer modes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>[SAE PAPER 79-0924]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ABRASION</td>
<td>p0508 A79-40476</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Use of coatings in turboaerospace gas path seals</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>p0006 79-11058</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ABSORBERS (MATERIALS)</td>
<td>p0126 A79-18379</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Effect of absorber parameters on the acoustic characteristics of a cylindrical combustion chamber</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Full-scale engine tests of bulk absorber acoustic aspect treatment</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>[NASA-TN-79079]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ABSORPTION</td>
<td>p0227 79-16645</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water absorption of fluids/oils --- contamination of aircraft engine oils and inhibitors</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>[AD-A0659915]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U ABSORPTIVITY</td>
<td>p0488 79-24158</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ABRASION COEFFICIENT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U ABSORPTIVITY</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ABRASION INDEX</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U ABSORPTIVITY</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ABRASION</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The use of sound absorbing walls to reduce dynamic interference in wind tunnels</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>p0105 79-13062</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AC (CURRENT)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U ALTERNATING CURRENT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AC GENERATORS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Combined-excitation ac generators for aviation --- Russian book</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>p0126 A79-18200</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FILTER WEIGHT MINIMIZATION</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>For restructured superconducting alternator power supplies --- for aircraft</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>p0273 A79-26966</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AIR FORCE APPLICATIONS OF LIGHTWEIGHT SUPERCONDUCTING MACHINERY --- IN AIRBORNE POWER SOURCES</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>p0279 A79-27666</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

A 7 AIRCRAFT
Defects experienced in the production of advanced composite outer wings for the A-7D attack aircraft

Computational optimization and wind tunnel test of transonic wing designs

[IAA PAPER 79-0080] | p0200 A79-22526 | | |
| Boron/aluminum landing gear for Navy aircraft --- A-7 aircraft nose wheel linkages | | | |
| [AD-A055686] | p0101 A79-13028 | | |
| The development and implementation of algorithms for an A-7E performance calculator | | | |
| [AD-A0613246] | p0232 A79-16841 | | |
| Software requirements for the A-7E aircraft | | | |
| [AD-A061751] | p0304 A79-18976 | | |
| AAS/EA-7C control and display interface | | | |
| [AD-A0607191] | p0495 A79-24992 | | |
| AAS/E laboratory simulator requirements (A-7 aircraft) | | | |
| [AD-A066393] | p0500 A79-25041 | | |
| Technology trends and maintenance workload requirements for the A-7, P-4, and F-14 aircraft | | | |
| [P7701 A79-25153 | | | |

A-10 AIRCRAFT
The Fairchild can-opener - Shturmovik of the eighties

Night/Adverse Weather A-10 evaluator program | | | |
| p0455 A79-36773 | | | |
| Air quality analysis of possible F-15 and A-10 aircraft engine modifications to reduce pollution | | | |
| [AD-A0559976] | p0145 A79-14107 | | |
| A-10 static structural test program | | | |
| [AD-A0711782] | p0175 A79-33192 | | |

A-300 AIRCRAFT
Crack free and cracked life of the prescrapeded cabin of the A 300 B - Calculation, tests and design measurements to improve damage tolerance | | | |
| p0156 A79-20119 | | | |
| Effect of the model vertical position in a slotted well wind tunnel | | | |
| [AIAA-WT-78-005] | p0445 A79-23119 | | |
| A comparison of predictions obtained from wind tunnel tests and the results from cruising flight: Airbus and Concorde --- conferences | | | |
| ABSORPTION | Recent advances in radome design | | | |
| Flow field calibration results for the ADFC High Enthalpy Ablation Test Facility /HEAT/ | | | |
| Laser balancing demonstration on a high-speed flexible rotor | | | |
| [AD-1059915] | p0227 79-25158 | | |
| Transient ablation of Teflon in intense radiative and convective environments | | | |
| p0462 A79-38123 | | | |

ABLATIVE MATERIALS
Analytical modeling of ramjet combustor heat transfer modes

[IAA PAPER 79-0924] | p0508 A79-40476 | | |
| ABRASION | Use of coatings in turboaerospace gas path seals | | | |
| p0006 79-11058 | | | |

Aerospace Applications of Lightweig...
ACCELERATION PROTECTION

Effect of forward acceleration on aerodynamic characteristics of wings

Motion versus visual cues in piloted flight simulation

ACCELERATION STRESSES (PHYSIOLOGY)

Evaluation of a wake vortex upset model based on simultaneous measurements of wake velocities and probe-aircraft accelerations

Some aspects of unsteady insect aerodynamics:
unsteady-periodic forces generated by the blowfly

Evaluation of a wake vortex upset model based on simultaneous measurements of wake velocities and probe-aircraft accelerations

ACCELERATION PROTECTION
Development of anti-G valving for high performance aircraft

ACCELEROMETERS
Detection of the transitional layer between laminar and turbulent flow areas on a wing surface

Offset and velocity mismatch

ACCIDENT INVESTIGATION
NT AIRCRAFT ACCIDENT INVESTIGATION

Failure modes and redundancy analysis for the Multifunction Inertial Reference Assembly (MIRA)

EVALUATION OF A WAKE VORTEX UPSET MODEL BASED ON SIMULTANEOUS MEASUREMENTS OF WAKE VELOCITIES AND PROBE-AIRCRAFT ACCELERATIONS

ACCELEROMETER DATA

ACCOUSTIC DUCTS
Wave propagation in ducts using the finite element method --- for aircraft noise reduction

Sound radiation from hyperboloidal inlet ducts

Accoustic duct liner optimization using finite elements

Duct noise radiation through a jet flow

On the attenuation of sound by three-dimensionally segmented acoustic liners in a rectangular duct

ACCOUSTIC REJECTION
Nondestructive inspection of aircraft structures and materials via acoustic emission

Potential applications of acoustic emission technology as a nondestructive evaluation method for naval aviation ground support

Trailing edge noise data with comparison to theory

Test of the attenuation of sound by three-dimensionally segmented acoustic liners in a rectangular duct

ACCOUSTIC EMISSION

Potential applications of acoustic emission

Development of a digital memory acoustic emission system to aircraft flow monitoring

ACOUSTIC EXHAUST
Free oscillations of a large drop in space

Discrete noise spectrum generated by an acoustically excited jet

ACOUSTIC FIELD
A sonic fatigue analysis of a cylindrical shell turboshaft engine inlet

Experimental investigation of the endurance of airplane fin sections in acoustic loading

Installation for studying fatigue strength of materials in acoustic loading --- for aircraft skins

ACOUSTIC FREQUENCY

ACOUSTIC PARTITION
A second series of exploratory acoustic fatigue tests using a shaker

ACOUSTIC PROTECTION

ACOUSTIC REFLEXION

ACOUSTIC REFRACTION

ACOUSTIC RADIATION

ACOUSTIC SCATTERING

ACOUSTIC SENSITIVITY

ACOUSTIC TRANSMISSION

ACOUSTIC VELOCITY

ACOUSTIC VIBRATION

ACOUSTIC WAVE

ACOUSTIC WAVE ATTENUATION

ACOUSTICS

Effects of forward acceleration on aerodynamic characteristics of wings

Motion versus visual cues in piloted flight simulation
ADHESIVE BONDING

ADHESIVE BONDING

ADHESION TESTS

ADHESION EVENS

ADAPTIVE CONTROL

ADAPTIVE CONTROL
Development of gas turbine performance seeking logic [ASME PAPER 78-GT-13]
High angle of attack flight control using stochastic model reference adaptive control
Adaptive approximations in finite element structural analysis --- for aircraft components
Redundant control system for flight vehicles
Russian book
Adaptive control of wing store flutter - A feasibility study [AIAA 79-0781]
Flight test experience with an adaptive control system using a maximum likelihood parameter estimation technique [AIAA 79-1702]
Digital adaptive control laws for VTOL aircraft
Adaptive array tradeoffs for existing airborne UHF radios
Feedback controlled aircraft sensitivity to parameter variations [AD-A057643]
Application of higher harmonic blade feathering for helicopter vibration reduction [NASA-CR-158985]
Control strategies for complex systems for use in aerospace electronics [AD-A058491]
Identification of the Multiple Method Adaptive Control (MMAC) method for flight control systems [NASA-CR-23099]
Identification and dual adaptive control of a turbojet engine [NASA-TM-X-79185]
Investigation of inverse Vandermonde matrix calculation for linear system applications --- adaptive flight control systems [AD-A069241]
ADAPTIVE CONTROL SYSTEMS U ADAPTIVE CONTROL
ADDITIONS
WE APPEICIDANAI WO GIL ADDITIVES
Effect of a chromium-containing fuel additive on hot corrosion [AD-A0466807]
A filterability study of corrosion inhibited JP-4 [AD-A0466807]
ADRESSING
Development and evaluation of Selective Address Beacon (SAB) system [AD-A058457]
ADHEROMETERS U ADHESION TESTS
ADHESION TESTS
Failures in adhesively bonded structures [AD-A055945]
Nondestructive testing of adhesive bonded structure [AD-A055945]
The PABST program - A validation of bonding primary structure --- Primary Adhesively Bonded Structure Technology for aluminum aircraft parts [AD-A066500]
The comparative evaluation of prebond surface treatments for titanium --- military aircraft structures [AD-A066500]
Moisture/temperature effects upon peak strength of composite-to-metal adhesively bonded joint elements --- for F-16 aircraft [AD-A066500]
A cyclic load test for environmental durability evaluation of bonded honeycomb structure --- aircraft Al panels [AD-A066500]
Oxide morphologies on aluminum prepared for adhesive bonded aircraft structures [AD-A066500]
An automated system for phosphoric acid anodizing of aluminum alloys [AD-A066500]
Adhesive sealing - A fuel leak detector --- for aircraft tanks [AD-A066500]
A helicopter fuselage design concept [AD-A066500]
GASP IV simulation model for the composites and bonding production facility [AD-A066500]
Bonding and durability --- for airframe structures [NASA PAPER 790561]
Adhesive bonded structure of new pressurized piston twin aircraft [NASA PAPER 790561]
Structural adhesive bond repair of aircraft flight control surfaces [AD-A066500]
The repair of adhesively bonded aircraft structures using vacuum pressure [AD-A066500]
Aircraft service experience of bonded assemblies prepared with phosphoric acid anodized prebond surface treatment [AD-A066500]
Chemical analysis of structural adhesives and resins for composites [AD-A066500]
Mechanical characterization of structural adhesives [AD-A066500]
Problems in testing electrically conductive structural adhesives [AD-A066500]
An overview of the PABST program --- Primary Adhesively Bonded Structure Technology for aircraft [AD-A066500]
Repair of bonded primary structure [AD-A055945]
Fracture mechanics for structural adhesive bonds, part 2, phase 2 [AD-A0466807]
Surface finishing --- adhesive bonding of plastic film to metal aircraft surfaces [NASA-CAS-A-12631-3]
Operational experience with adhesive bonded structures [AD-A066500]
Behavior of adhesively bonded joints under cyclic loading [AD-A066500]
Failures in adhesively bonded structures [AD-A066500]
The nature of adhesion mechanism and the influence of surface treatments on the durability of bonded joints [AD-A066500]
Structural properties of adhesives, volume 1 [AD-A066500]
Evaluation of new bonding systems for depot-level maintenance of aircraft honeycomb panels [AD-A066500]
Definition and non-destructive detection of critical adhesive bond-line flaws

Fatigue properties of adhesive-bonded laminated sheet material of aluminum alloys

Advanced welding process establishment for aluminum

Problems in testing electrically conductive structural adhesives

Phosphorylated epoxy adhesives

Structural properties of adhesives, volume 1

Environmental effects on the elastic-plastic properties of adhesives in bond metal joints

The influence of the environment on the elastoplastic properties of adhesives in metal bonded joints --- In aircraft structures

Advances in aeroacoustic wind tunnel testing

Acoustic simulation of the flight vibration of aircraft

Acoustic duct liner optimization using finite elements

Investigation of wing shielding effects on CTOL airplane noise

Airframe noise component interaction studies

Analysis of flight effects on noise radiation from subsonic aircraft

Reduction of rotor-turbulence interaction noise in a helicopter

Analysis of radiation patterns of interaction noise in a helicopter

Diagnostic evaluation of jet noise suppression mechanisms in jet engines

Noise from struts and splitters in turbofan exit ducts

Reduction of rotor-turbulence interaction noise in static fan noise testing

An experimental study of the influence of flight-stream turbulence on jet noise generation

Unsteady stator response to upstream rotor wakes

A comparison of linear acoustic theory with experimental noise data for a small-scale hovering rotor

Figure and predicted noise of the AVCO-Lycoming TF-102 turbofan engine

A finite element subvolume technique for structural-borne interior noise prediction --- In aircraft

The application of finite element techniques to acoustic transmission in lined ducts

The influence of propeller design parameters on far field harmonic noise in forward flight

Aerodynamic and acoustic comparisons of scaled-down and actual engine jets

The problem of engine noise generation in an anechoic wind tunnel

Folded shear plane control apparatus for aircraft steering and stabilization

An alternative to pseudo-tone microphones for airplane flyover noise testing

On the noise emitted by cold subsonic coaxial jets

Aerodynamic characteristics of free jets

Calculation of transonic aileron buzz

A comprehensive review of airborne noise research

Advances in aerodynamic wind tunnel testing techniques for aircraft noise research

Coaxial flow noise - Isothermal flow --- for turbomachinery noise

Theoretical modeling of high-speed helicopter impulsive noise

A comparison of linear acoustic theory with experimental noise data for a small-scale hovering rotor

Measured and predicted noise of the AVCO-Lycoming TF-102 turbofan engine

A finite element subvolume technique for structural-borne interior noise prediction --- In aircraft

The application of finite element techniques to acoustic transmission in lined ducts

Direct experimental verification of the theoretical model predicting rotor noise generation

Propagation of buzz-saw noise in a nonuniform medium --- Contoured jet engine inlets

Considerations for the design of inlet flow conditioners for static fan noise testing

Diagnostic evaluation of jet noise suppression mechanisms

Airframe noise measurements on a small-scale model of a supersonic transport concept in an anechoic flow facility

Noise from struts and splitters in turbofan exit ducts

Reduction of rotor-turbulence interaction noise in static fan noise testing

An experimental study of the influence of flight-stream turbulence on jet noise generation

Effects of simulated forward flight on jet noise, shock noise and internal noise

Flight effects on noise generated by the J58D engine with inverted primary/ fan flow as measured in the NASA-Ames 40- by 60-foot wind tunnel

An acoustical study of the YF-17 Tilt Rotor Research Aircraft

Analysis of radiation patterns of interaction noise generated by inlet rods in a J75 engine

Unsteady stator response to upstream rotor wakes

Aerodynamic and acoustic comparisons of scaled-down and actual engine jets

The influence of propeller design parameters on far field harmonic noise in forward flight

Aerodynamic design of the Prop Fan

Analysis of flight effects on noise radiation from dual-flow coaxial jets

Aerometric stator interaction noise

Acoustic duct liner optimization using finite elements

Acoustic noise component interaction studies

Investigation of wing shielding effects on CTOL engine noise

Acoustic simulation of the flight vibration environment

Acoustics and performance of high-speed, unusually spaced fan rotors
AERODYNAMIC BRAKES

Light propeller aircraft noise

Effect of forward velocity on sound radiation from convecting monopole and dipole sources in jet flow --- subsonic aircraft model

Application of Laser Doppler Anemometry to aeroacoustic research

Assessment at full scale of nozzle/wing geometry effects on OTW aeroacoustic characteristics

Effect of viscosity on nonseparated transonic flow

Overall aerodynamic characteristics of supersonic flight vehicle

Calculation of the transient aerodynamic characteristics of a supersonic flight vehicle

Recent theoretical developments and experimental studies pertinent to vortex flow aerodynamics -- With a view towards design

AERODYNAMIC CENTER

U AERODYNAMIC BALANCE

AERODYNAMIC CHARACTERISTICS

U AERODYNAMIC DRAG

AERODYNAMIC STABILITY

U INTERFERENCE DRAG

U INTERFERENCE LIFT

U JET LIFT

U LIFT

U MOTOR LIFT

U STATIC AERODYNAMIC CHARACTERISTICS

U SUPERSONIC DRAG

U ZERO LIFT

Detached flow about an opening canopy

Parachute canopy opening dynamics

Experimental method for investigating pretake vortex circulation --- in engine air intakes

Control and stabilization in aerodynamics --- Russian book

Some types of separated flow past slotted wings

Calculation of the transient aerodynamic characteristics of a supersonic flight vehicle

Regimes of supersonic flow past thin wings

Effect of viscosity on nonseparated transonic flow past a profile

Problems in the method of discrete vortices for solving linear wing theory problems

Theory of large-aspect ratio wings in transonic gas flow

Calculation of flow past conical bodies with supersonic leading edges

Features of flow past slotted wings

Calculation of effect of viscosity on nonseparated subsonic flow past a wing with flap

Skirt components of the aerodynamic characteristics of an air-cushion vehicle using the oncoming flow to generate lift

The smooth approximation method and its application to the mathematical description of the aerodynamic characteristics of a wing

Overall aerodynamic characteristics of conical and delta wings at supersonic speeds

Inverse mixed problems for a profile with a prescribed velocity distribution on one of its sides and a known thickness distribution

Aerodynamic field induced by a jet penetrating a cross flow at subsonic velocities

Aerodynamic characteristics of combat aircraft at large angles of attack

A low cost blade design for a Darrieus-type vertical-axis wind turbine

Aerodynamics and performance of a gliding parachute with landing brakes

Effect of slip on the aerodynamic characteristics of a wing at hypersonic speed
AERODYNAMIC CHARACTERISTICS CONT

Wind tunnel simulation of the firing of missiles
carried under aircraft
[ONERA, TP NO. 1979-65] p0536 A79-03607

Singular perturbation techniques for on-line
optimal flight path control
[ITAL 79-1620] p0535 A79-03622

Parallel procedures for aircraft parameter
identification and state estimation
[ITAL 79-1636] p0565 A79-05303

Aerodynamic data development for the turboprop
T-44A Operational Flight Trainer
[ITAL 79-1637] p0567 A79-05316

A model for unsteady effects in lateral dynamics
for use in parameter estimation --- aircraft
stability
[ITAL 79-1639] p0567 A79-05318

The relationship of unsteadiness in downwash to
the quality of parameter estimates
[ITAL 79-1638] p0567 A79-05319

Impact of digital computer technology on flight
systems
[ITAL 79-1641] p0567 A79-05320

Goniometric aerodynamics: A different perspective:
Description - Applications --- missile
configurations
[ITAL 79-1650] p0567 A79-05326

Effects of spanwise blowing on two fighter
airplane configurations
[ITAL 79-1663] p0568 A79-05330

Aerodynamic coefficient estimation by means of an
extended w-complete filter
[ITAL 79-1666] p0569 A79-05346

Subsonic flow past an oscillating cascade with
finite mean flow deflection
[AD-A057609] p0576 A79-06704

Opportunities for supersonic performance gains
through non-linear aerodynamics
[ITAL PAPFR 79-1516] p0576 A79-06710

Steady and unsteady vortex-induced asymmetric
loads - Review and further analysis --- on slender
axisymmetric bodies
[ITAL PAPFR 79-1531] p0576 A79-06713

Surface-effect components of aerodynamic
characteristics of air-cushion vehicle with ram
pressurization
p0601 A79-06995

Analytic formulas for wing profile aerodynamic
characteristics in incompressible flow
p0601 A79-07000

On a smooth approximations method and its
application to mathematical description of wing
aerodynamic characteristics
p0601 A79-07001

Overall aerodynamic characteristics of canard and
delta wings at supersonic speeds
p0601 A79-07012

The calculation of non-linear aerodynamic
characteristics of wings and their wakes in
compressible flow
p0602 A79-07009

Some early experiments in the development of a
flying platform for aerodynamic testing
p0603 A79-07535

Aerodynamic effects of an attitude control vane on
a tilt-basell V/STOL propulsion system
[ITAL PAPFR 79-1855] p0609 A79-07914

Flow patterns and aerodynamic characteristics of
wings with strake
[ITAL PAPFR 79-1967] p0610 A79-07928

A novel technique for obtaining aerodynamic data
using simple, free flight trajectory measurements
p0612 A79-08051

Aircraft longitudinal action at high incidences
p0612 A79-08052

A design perspective on new technologies for
general aviation
p0636 A79-4986

Aerodynamic interaction on a close-coupled
canard-wing configuration
[ONERA, TP NO. 1979-85] p0636 A79-49853

Variables characterizing the wind effects on an
aircraft
p0639 A79-49807

Design and development of the Agusta A 109
helicopter
p0639 A79-49815

A simple fluid-flow model of ground effect on
hovering
p0639 A79-49815

A method for calculating the potential flow around
a system of aerodynamic profiles in an
incompressible fluid
p0683 A79-51241

Approximation of the aerodynamic characteristics
of a wing with a double-slotted flap
p0686 A79-51229

Flow around small-aspect-ratio delta wing with
vortex 'bursting'
p0696 A79-54058

Utilization of the wing-body aerodynamic analysis
program

Aerodynamic performance of a 1.35-pressure-ratio
axial-flow fan stage

Study of aerodynamic technology for VSTOL
fighter/attack aircraft: Horizontal attitude
concept

Study of aerodynamic technology for VSTOL
fighter/attack aircraft: Vertical attitude
concept

Study of aerodynamic technology for VSTOL fighter
attack aircraft

Study of aerodynamic technology for VSTOL
fighter/attack aircraft, phase 1

Aerodynamic characteristics of a 1/24-scale T-111
aircraft with various external stores at Mach
numbers from 0.5 to 1.3
p0044 A79-11005

Determing and improving labyrinth seal
performance in current and advanced high
gas turbines
p0047 A79-11068

Nonlinear steady and unsteady aerodynamics of
wings and wing-body-combinations
p0085 A79-12010

Comprehensive helicopter analysis: A state of the
art review
[NASA-TR-78399] p0086 A79-12019

Technical evaluation report on the Fluid Dynamics
Panel Symposium on Unsteady aerodynamics
[AGARD-AB-128] p0087 A79-12028

Aerodynamic characteristics of forebody and nose
strakes based on T-16 wind tunnel test
experience. Volume 2: Data base
[NASA-CE-158922] p0091 A79-12066

Effects of thickness on the aerodynamic
characteristics of an initial low-speed family
of airfoils for general aviation applications

Effects of wing leading-edge flap deflections on
subsonic longitudinal aerodynamic
characteristics of a wing-fuselage configuration
with a 4 deg swept wing
[NASA-SP-1351] p0099 A79-13002

Flight comparison of the transonic agility of the
P-111 airplane and the P-111 supercritical wing
airplane
[NASA-TP-1368] p0104 A79-13056

Feasibility of combining linear theory and impact
theory methods for the analysis and design of
high-speed configurations
[NASA-CE-158922] p0091 A79-12066

Low-speed aerodynamic characteristics of a
16-percent-thick variable-perspective airfoil
designed for general aviation applications
[NASA-TP-1329] p0157 A79-14016

Theoretical evaluation of high-speed aerodynamics
for axial-flow configurations
[NASA-TP-1358] p0158 A79-14023

Aerodynamic characteristics of a supersonic cruise
airplane configuration at Mach numbers of 2.30,
2.96, and 3.30 --- Langley Unitary Plan wind
tunnel test
[NASA-TR-7092] p0158 A79-14025

Theory of oblique wings of high aspect ratio
[AD-A057609] p0159 A79-14044

The Total In-Flight Simulator (TIFS) aerodynamics
and systems: Description and analysis ---
maneuver control and gust alleviators

Aerodynamic performance of scarf inlets ---
including acoustic advantages
Effect of lip and centerbody geometry on the test procedures of the derivative balances

New NASA Ames wind-tunnel techniques for studying airplane spin and two-dimensional unsteady aerodynamics

Wind tunnel testing of dynamic derivatives in West Germany

Estimation of aerodynamic characteristics from dynamic flight test data

Aerodynamic interactions on the fighter CCV test aircraft

Identification of the stability parameters of an aeroelastic airplane

A survey of analytical and experimental techniques to predict aircraft dynamic characteristics at high angles of attack

The role of time-history effects in the formulation of the aerodynamics of aircraft dynamics

Aerodynamic inputs for problems in aircraft dynamics, volume 2

Flight test evaluation of predicted light aircraft drag, performance, and stability

Remotely piloted vehicles - aerodynamics and related topics, volume 1

The aerodynamics and performance characteristics of slender bodies alone and with lifting surfaces to high angles of attack

Experimental investigation of three helicopter rotor airfoils designed analytically in the Langley 6 by 19 inch and 6 by 28 inch transonic wind tunnels

The aerodynamics and performance characteristics of an airfoil at moderate Reynolds numbers from 0.60 to 2.70 of two supersonic cruise fighter configurations

Aerodynamic characteristics of the close-coupled canard as applied to low-to-moderate swept wings. Volume 1: General trends

Aerodynamic problems in cooled turbine blading design for small gas turbine

The aerodynamics and performance characteristics of direct lift schemes

Aerodynamics and performance characteristics of wing lift augmentation schemes

Aerodynamic characteristics of Mach numbers of 1.5, 1.6, and 2.0 of a blended wing-body configuration with and without integral canards

The effect of surface imperfections on the aerodynamic performance of an airfoil at moderate Reynolds numbers

Experimental studies in a Ludwieg tube transonic tunnel

Characteristics of the advanced supersonic technology D07-105-1 configured for transpacific range with Pratt and Whitney aircraft variable stroke control engines

Some new airfoils

A comparison of the aerodynamic characteristics of eight sailing airfoil sections

Investigation of aerodynamic characteristics of subsonic wings

SUBJECT INDEX

(AERODYNAMIC CHARACTERISTICS)

A new method for testing free models in the laboratory to determine aerodynamic characteristics of slender bodies alone and with lifting surfaces to high angles of attack [NASA-CR-158349] p0301 795-18917
Wind tunnel testing of dynamic derivatives in West Germany [NASA-TM-795063] p0176 795-15064
On the test procedures of the derivative balances used in West Germany [NASA-TM-795066] p0176 795-15067
Estimation of aerodynamic characteristics from dynamic flight test data [NASA-CR-158076] p0216 795-15917
A survey of analytical and experimental techniques to predict aircraft dynamic characteristics at high angles of attack [NASA-CR-158079] p0216 795-15914
The role of time-history effects in the formulation of the aerodynamics of aircraft dynamics [NASA-CR-158081] p0217 795-15916
Aerodynamic inputs for problems in aircraft dynamics, volume 2 [NASA-CE-159111] p0233 795-16851
Aerodynamic characteristics at high angles of attack [NASA-CR-158086] p0217 795-15907
The aerodynamics of a 0.03-scale NASA space shuttle orbiter at Mach numbers from 0.90 to 1.55 [NASA-CR-158092] p0217 795-15918
Effects of a military cargo pod and tail fins on the aerodynamic characteristics of a large wide-body transport model [NASA-TM-158094] p0233 795-16964
Effects of vertical tail flexibility on the aerodynamic characteristics of a 0.33-scale NASA space shuttle orbiter at Mach numbers from 0.60 to 2.70 [NASA-CR-158095] p0217 795-15919
Prediction of aerodynamic characteristics for slender bodies alone and with lifting surfaces to high angles of attack [NASA-TM-158100] p0233 795-16965
Experimental investigation of three helicopter rotor airfoils designed analytically in the Langley 6 by 19 inch and 6 by 28 inch transonic wind tunnels [NASA-TM-158102] p0217 795-15921
A program for calculating load coefficient matrices utilizing the force summation method, 1218 (LCBDS). Part Two: Suplementary system design and maintenance document [NASA-DC-2854].


AERODYNAMIC CONFIGURATIONS

WT WING RACELIKE CONFIGURATIONS

On the conventional definitions of thrust/drag of an aircraft equipped with a turbojet engine [NASA-CB-159516].

Determination of the geometrical parameters and position of the nose flap at the root section of a swept wing on the basis of wind tunnel data. [NASA-CB-159253]

Calculation of the flow with separation for airfoils and multi-element airfoil systems placed in proximity of the ground or in closed tunnels [NASA-CB-159253].

Optimization of body shape at small Reynolds numbers --- in Stokes flow [NASA-CB-159253].

Aerodynamic design of the Sikorsky S-96 helicopter [NASA-CB-3140].

Computer-aided design at Israel Aircraft Industries [NASA-CB-159253].

The use of analytic tools in the design and development of rotorcraft [NASA-CB-159253].

An investigation of the influence of fuselage flow field on rotor loads, and the effects of vehicle configuration [NASA-CB-159253].

The value of various technology advances for several V/STOL configurations [NASA-CB-159253].

The aerodynamic design of aircraft --- Book [NASA-CB-159253].

A computer-aided aircraft Configuration Development System [NASA-CB-159253].

Green's function method for the computational aerodynamic analysis of complex helicopter configurations [NASA-CB-159253].

The role of wind tunnels in future aircraft development /Daniel and Florence Guggenheim International Memorial Lecture/ [NASA-CB-159253].

Evaluation and analysis of computations and experiments for transonic wing body configurations [NASA-CB-159253].

Influence of the transverse curvature of the lower surface on the computational supersonic flow field on a delta vehicle [NASA-CB-159253].

Effect of lip and centerbody geometry on aerodynamic performance of inlets for tiltwing-nacelle VTOL aircraft [NASA-CB-159253].

Optimization of hypersonic three-dimensional shapes [NASA-CB-159253].

Profile of a nozzle shaping the free-molecular flow intended to investigate air-intakes and cascades [NASA-CB-159253].

Further advances in the concept of delta-winged hybrid-airships [NASA-CB-159253].

Experimental investigation of the aerodynamic drag of simple bodies in two-phase flow [NASA-CB-159253].

A method of the theory of airfoil profiles with a jet flap [NASA-CB-159253].

Aerodynamics of spoiler control devices [NASA-PAPER 79-1793].

Active external store flutter suppression in the YF-17 flutter model [NASA-PAPER 79-1793].

Flowfield chemistry effects on stability of blunted slender cones [NASA-PAPER 79-1793].

Study of aerodynamic technology for VTOL fighter/attack aircraft, volume 1 [NASA-CB-159253].
<table>
<thead>
<tr>
<th>Subject Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>AERODYNAMIC CONFIGURATIONS CONT'D</td>
</tr>
</tbody>
</table>

Norrbroth P-5F shark nose development
[NASA-CH-158956]  p0035 79-10047
Aerodynamic design and analysis of propellers for mini-remotely piloted air vehicles. Volume 2: Ducted propellers
[AD-1056984]  p0037 79-10062
Free wing assembly for an aircraft
[NASA-CASI-PEC-10092-1]  p0030 79-12061
Design charts and boundaries for identifying departure resistant fighter configurations
[AD-1062662]  p0052 79-12073
Feasibility design study for scale model of ZPG-I airship
[AD-1056624]  p0100 79-13015
Interactional aerodynamics of the single rotor helicopter configuration. Volume 2: Harmonic analyses of airframe surface pressure data, runs 15-22, mid-section
[AD-1056984]  p0037 79-10062
Interactional aerodynamics of the single-rotor helicopter configuration, volume 1
[AD-1062662]  p0170 79-15008
Configuration development study of the X-24C hypersonic research airplane, phase 1
[NASA-CH-140122]  p0218 79-15939
Hypersonic research airplane study of the X-24C hypersonic research airplane
[AD-1062662]  p0218 79-15940
Fluctuating loads measured on an over-the-wing supersonic jet model
[NASA-TF-1386]  p0226 79-16641
Experiments on tandem diffusers with boundary-layer suction applied in between
[AD-1062662]  p0206 79-17803
Some recent progress in transonic flow computation
--- flow distribution, numerical optimization, and airfoil design
[AD-1062662]  p0301 79-18996
Interactional aerodynamics of the single rotor helicopter configuration. Volume 6b: Frequency analyses of wake single film data, basic configuration wake exploration
[AD-1062662]  p0302 79-18956
Interactional aerodynamics of the single rotor helicopter configuration. Volume 6-a: One-third octave band spectrograms of wake single film data, buildup to baseline
[AD-1062662]  p0302 79-18958
Interactional aerodynamics of the single rotor helicopter configuration. Volume 6-c: Frequency analyses of wake single film data, hubcaps and air injectors
[AD-1062662]  p0302 79-18959
The aerodynamic penalties associated with turbine blade cooling
[AD-1062662]  p0302 79-18960
Upgraded viscous flow analysis of multiple-element airfoils
[AD-1062662]  p0356 79-20000
The analysis and design of transonic two-element airfoil systems
[AD-1062662]  p0356 79-20042
Interactional aerodynamics of the single rotor helicopter configuration. Volume 4-A: One-third octave band spectrograms of wake split-film data, fairings and surface devices --- utility aircraft
[AD-1063000]  p0360 79-20078
Interactional aerodynamics of the single rotor helicopter configuration. Volume 6-c: One-third octave band spectrograms of wake single film data, hubcaps and air injectors --- utility aircraft
[AD-1062662]  p0360 79-20075
Interactional aerodynamics of the single rotor helicopter configuration. Volume 7-a: Frequency analyses of wake split-film data, buildup to baseline --- utility aircraft
[AD-1062639]  p0360 79-20076
Interactional aerodynamics of the single rotor helicopter configuration. Volume 7-c: Frequency analyses of wake split-film data, solid hubcaps --- utility aircraft
[AD-1062680]  p0360 79-20077
Interactional aerodynamics of the single rotor helicopter configuration. Volume 7-b: Frequency analyses of wake split-film data, open hubcaps --- utility aircraft
[AD-1062647]  p0360 79-20078
Interactional aerodynamics of the single rotor helicopter configuration. Volume 7-f: Frequency analyses of wake split-film data, utility aircraft
[AD-1062644]  p0360 79-20080
Interactional aerodynamics of the single rotor helicopter configuration. Volume 8-A: Frequency analyses of wake split-film data, fairings and surface devices --- utility aircraft
[AD-1062650]  p0361 79-20081
Interactional aerodynamics of the single rotor helicopter configuration. Volume 8-A: Frequency analyses of wake single film data, buildup to baseline
[AD-1062258]  p0361 79-20082
Icing testing in the large Modane wind-tunnel on full-scale and reduced scale models
Interactional aerodynamics of the single rotor helicopter configuration. Volume 7-1: Aerodynamic design and analysis of propellers for free wing assembly for an aircraft
[AD-1062662]  p0378 79-21009
Intake design and intake/airframe integration for a post-stall fighter aircraft concept
[AD-1062662]  p0385 79-22027
Numerical optimization techniques for bound circulation distribution for minimum induced drag of nonsymmetrical wing: Basic formulations
[NASA-CR-15154]  p0402 79-23924
Interactional aerodynamics of the single rotor helicopter configuration. Volume 6: Flow angle and velocity wake profiles in low frequency band, basic investigations and hub variations
[AD-1061766]  p0403 79-23932
Interactional aerodynamics of the single rotor helicopter configuration. Volume 6: Flow angle and velocity wake profiles in low frequency band, air ejector systems and other devices
[AD-1061767]  p0403 79-23933
Interactional aerodynamics of the single rotor helicopter configuration. Volume 7: Harmonic analyses of airframe surface pressure data, runs 7-14, mid-section
[AD-1061860]  p0403 79-23934
Rotor redesign for a highly loaded 1800 ft/sec tip speed fan: Aerodynamic and mechanical design report
Frequency feasibility study for a numerical aerodynamic simulation facility: Summary
Influence of optimized leading-edge deflection and geometric anhedral on the low-speed aerodynamic characteristics of a low-aspect-ratio highly swept arrow-wing configuration --- langley 7 by 10 foot tunnel
[NASA-TR-80083]  p0547 79-27095
Calculation of pressure distribution for a 13 wings-body combination at subsonic Mach numbers
[FFA-TN-AU-1091]  p0548 79-27110
Wing design, body design, high lift systems and flying qualities with introduction
[AX-0061766]  p0579 79-28125
An aerodynamic analysis of deformed wings in subsonic and supersonic flow
[AD-1065856]  p0579 79-28136
An off design shock capturing finite difference approach for compressible wall configurations
[AD-1066819]  p0581 79-28149
An experimental and theoretical investigation of the effect of nonmetric over-the-wing nacelles on wing-body aerodynamics
[NASA-TP-1503]  p0590 79-28146
Performance evaluation method for ducted propellers
[AD-1062662]  p0643 79-28150
Helicopter configuration wake exploration analyses of airframe surface pressure data, runs 7-14, mid-section
[AD-1062662]  p0643 79-28151
Frequency analyses of wake single film data, utility aircraft
[AD-1062662]  p0643 79-28152
One-third Octave Band Spectrograms of wake single film data, utility aircraft
[AD-1062662]  p0643 79-28153
Numerical optimization techniques for bound circulation distribution for minimum induced drag of nonsymmetric wing: Basic formulations
[NASA-CR-15154]  p0643 79-28154
Interactional aerodynamics of the single rotor helicopter configuration. Volume 6: Flow angle and velocity wake profiles in low frequency band, basic investigations and hub variations
[AD-1061766]  p0643 79-28155
Interactional aerodynamics of the single rotor helicopter configuration. Volume 6: Flow angle and velocity wake profiles in low frequency band, air ejector systems and other devices
[AD-1061767]  p0643 79-28156
Interactional aerodynamics of the single rotor helicopter configuration. Volume 7: Harmonic analyses of airframe surface pressure data, runs 7-14, mid-section
[AD-1061860]  p0643 79-28157
Rotor redesign for a highly loaded 1800 ft/sec tip speed fan: Aerodynamic and mechanical design report
Frequency feasibility study for a numerical aerodynamic simulation facility: Summary
Influence of optimized leading-edge deflection and geometric anhedral on the low-speed aerodynamic characteristics of a low-aspect-ratio highly swept arrow-wing configuration --- langley 7 by 10 foot tunnel
[NASA-TR-80083]  p0654 79-27095
Calculation of pressure distribution for a 13 wings-body combination at subsonic Mach numbers
[FFA-TN-AU-1091]  p0658 79-27110
Wing design, body design, high lift systems and flying qualities with introduction
[AX-0061766]  p0679 79-28125
A flow field study for top mounted islets on fighter aircraft configurations

Performance of two-stage fan with a first-stage rotor redesigned to account for the presence of a part-span dumper

Modal interpolation program, L215(INTEEP). Volume

Rotary balance data for a typical single-engine helicopter flow field analysis

The high-lift characteristics in the case of the investigation of the transonic drag

Design of transonic airfoil sections using a determination of the wave drag of an airfoil in a transonic flow by shear interferometry

The use of wing tip sails to reduce vortex drag

Investigation of the profile drag and the mean and pulsation velocities in the wake of wings by means of a laser doppler anemometer

The high-lift characteristics in the case of the V-wing concept

The use of wing tip tails to reduce vortex drag

Design of transonic airfoil sections using a similarity theory

Investigation of the transonic drag characteristics for scram-jet wing-body combinations and their equivalent axisymmetric bodies at zero lift

The effect of the aerodynamic resistance of the feeder line on the operation of safety valves

An inverse profile of vertical-axis wind turbines

Determination of the wave drag of an airfoil in a transonic flow by shear interferometry

Experimental techniques used to evaluate propulsion system interference effects on the cruise configuration of the Boeing C-1a

Drag on an oscillating airfoil in a fluctuating free stream --- helicopter rotor blade application

Longitudinal oscillation damping for fully-inflated parachute canopies

Evaluation of methods for prediction of propulsion system drag

Effects of Reynolds number and other parameters on the throttle-dependent, nozzle/afterbody drag of an 0.11 scale single-engine aircraft model

Indirect measurement of turbulent skin friction

Lift and drag of sail aerofoil

Theoretical and experimental investigation of the aerodynamic characteristics of three-dimensional bodies

Experimental investigation of the aerodynamic drag of simple bodies in two-phase flow

Effect of base cavities on the aerodynamic drag of an axisymmetric cylinder

Modern concepts for design of delta wings for supersonic aircraft of second generation --- for drag reduction

The influence of sweep on the aerodynamic loading of an oscillating NASA 0012 airfoil

An integrated analytical and experimental investigation of helicopter hub drag

Theoretical flap-lag damping with various dynamic inflow models

The size and performance effects of high lift system technology on a modern twin engine jet transport

Dynamic test techniques - Concepts and practices --- aircraft performance prediction from thrust/ lift/ drag model

Improved transonic nose drag estimates for the NSRC missile aerodynamic computer program

Analysis of the zero-lift wave drag measured on delta wings

Mass injection and jet flow simulation effects on transonic afterbody drag

Section drag coefficients from pressure probe transverses of a wing at low speeds

An exploratory investigation of the effect of plastic coating on the profile drag of a practical-metal-construction sailplane airfoil

Optimum tail plane design for sailplanes

The effect of disturbance on a wing

Polar lift and drag determination during flight tests

An exploratory investigation of the effect of a plastic coating on the profile drag of a practical-metal-construction sailplane airfoil

Subsonic wind-tunnel investigation of leading-edge devices on delta wings (data report) --- conducted in Langley 7- by 10-foot subsonic wind tunnel

Flight determined lift and drag characteristics of an F-8 airplane modified with a supercritical wing with comparison to wind-tunnel results

AERODYNAMIC FORCES

AERODYNAMIC DRAG

AERODYNAMIC LOADS

AERODYNAMIC INTERFERENCE

AERODYNAMIC STABILIZER

BLAST LOADS

COST LOADS

INTERFERENCE LIFT

JET LIFT

LIFT

ROTOR LIFT

SUPERSONIC DRAG

WING LOADING

ZERO LIFT

Aerodynamic force and moment on oscillating airfoils in cascade

Control and stabilization in aerodynamics --- Russian book

Iterative method of aircraft wing strength calculation taking into account the effect of deformations on distribution of aerodynamic forces

Aerodynamic forces in finite wings in oscillatory flow - An experimental study

Maximum likelihood identification of aircraft parameters with unsteady aerodynamic modelling

Flutter suppression and gust alleviation using active controls - Review of developments and applications based on the aerodynamic energy concept

An alternative approach to the high aspect ratio wing with jet flap by matched asymptotic expansions
Fabrication research for supersonic cruise aircraft
--- TF-12 skin structures

A summary report on store heating technology
[AIAA PAPER 79-43243]

Heat generation in cavities at high velocity flight
--- resonance-line effect
[AVG-PB-77-77-28]

Pressure and heat-transfer distributions in a
simulated wing-elevon cove with variable leakage
at a free-stream Mach number of 6.9
[NASA-TM-74095]

Prediction of in-depth gap heating ratios from
wing glove model test data. --- space shuttle
orbiter
[NASA-CR-160146]

Radiative, actively cooled panel tests results
[SAE PAPER 79-2006]

AERODYNAMIC INTERFERENCE
Numerical study of the induction of porous walls
of the working section of a low-velocity wind
channel

Boundary layer induced secondary flows due to
wing-body interference
[AIAA PAPER 79-0109]

Plan-cone interference flow field
[AIAA PAPER 79-0229]

A transonic wind tunnel interference measurement
--- Axisymmetric flows
[AIAA PAPER 79-19595]

Computation of aerodynamic interference effects on
oscillating airfoils with controls in ventilated
subsonic wind tunnels

A calculation of rotor impedance for hovering
articulated-rotor helicopters

Propeller slipstream wing interactions at Mach no.
0.8
[SAA PAPER 780997]

The influence of balloon motion on the longitu-
dinal stability of tethered aerostats
[ASA PAPER 79-02497]

Method for studying experimentally the aerody-
namic interference of small secondary structures with
a lifting surface

A novel correlation of centrifugal compressor
performance for off-design prediction
[AIAA PAPER 79-1159]

Engine-aircraft afterbody interactions
--- Recommended testing techniques based on TF-17
experience
[AIAA PAPER 79-1823]

Benefits of aerodynamic interference to the three
surface configuration
[AIAA PAPER 79-1830]

Interdisciplinary aerodynamics --- a new challenge to
helicopter technology
[AIAA PAPER 79-1940]

Effect of nozzle spacing on ground interference
forces for a two jet V/STOL aircraft
[ASA PAPER 79-1856]

Test technique development in interference free
testing, flow visualization, and remote control
model technology at Langley's Unitary Plan wind
channel

Interference of vortices with shocks in airscopos
--- Dissipation of vortices
[SAE PAPER 79-529]

The use of sound absorbing walls to reduce dynamic
interference in wind tunnels
[J11050]

Effect of canard vertical location, size, and
deflection on canard-wing interference at
subsonic speeds
[RASA-TM-78790]

Transonic/subsonic lateral aerodynamic derivatives
--- stability and control estimates for aircraft
design

The analysis of propellers including interaction
effects
[RASA-CB-150111]

Calibration of the AEDC-PWT 16-foot transonic
aerodynamic test section at various
Reynolds numbers

Fabrication research for supersonic cruise aircraft
--- TF-12 skin structures

A summary report on store heating technology
[AIAA PAPER 79-43243]

Heat generation in cavities at high velocity flight
--- resonance-line effect
[AVG-PB-77-77-28]

Pressure and heat-transfer distributions in a
simulated wing-elevon cove with variable leakage
at a free-stream Mach number of 6.9
[NASA-TM-74095]

Prediction of in-depth gap heating ratios from
wing glove model test data. --- space shuttle
orbiter
[NASA-CR-160146]

Radiative, actively cooled panel tests results
[SAE PAPER 79-2006]

AERODYNAMIC INTERFERENCE
Numerical study of the induction of porous walls
of the working section of a low-velocity wind
channel

Boundary layer induced secondary flows due to
wing-body interference
[AIAA PAPER 79-0109]

Plan-cone interference flow field
[AIAA PAPER 79-0229]

A transonic wind tunnel interference measurement
--- Axisymmetric flows
[AIAA PAPER 79-19595]

Computation of aerodynamic interference effects on
oscillating airfoils with controls in ventilated
subsonic wind tunnels

A calculation of rotor impedance for hovering
articulated-rotor helicopters

Propeller slipstream wing interactions at Mach no.
0.8
[SAA PAPER 780997]

The influence of balloon motion on the longitu-
dinal stability of tethered aerostats
[ASA PAPER 79-02497]

Method for studying experimentally the aerody-
namic interference of small secondary structures with
a lifting surface

A novel correlation of centrifugal compressor
performance for off-design prediction
[AIAA PAPER 79-1159]

Engine-aircraft afterbody interactions
--- Recommended testing techniques based on TF-17
experience
[AIAA PAPER 79-1823]

Benefits of aerodynamic interference to the three
surface configuration
[AIAA PAPER 79-1830]

Interdisciplinary aerodynamics --- a new challenge to
helicopter technology
[AIAA PAPER 79-1940]

Effect of nozzle spacing on ground interference
forces for a two jet V/STOL aircraft
[ASA PAPER 79-1856]

Test technique development in interference free
testing, flow visualization, and remote control
model technology at Langley's Unitary Plan wind
channel

Interference of vortices with shocks in airscopos
--- Dissipation of vortices
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interference in wind tunnels
[J11050]

Effect of canard vertical location, size, and
deflection on canard-wing interference at
subsonic speeds
[RASA-TM-78790]

Transonic/subsonic lateral aerodynamic derivatives
--- stability and control estimates for aircraft
design

The analysis of propellers including interaction
effects
[RASA-CB-150111]

Calibration of the AEDC-PWT 16-foot transonic
aerodynamic test section at various
Reynolds numbers

Fabrication research for supersonic cruise aircraft
--- TF-12 skin structures

A summary report on store heating technology
[AIAA PAPER 79-43243]

Heat generation in cavities at high velocity flight
--- resonance-line effect
[AVG-PB-77-77-28]

Pressure and heat-transfer distributions in a
simulated wing-elevon cove with variable leakage
at a free-stream Mach number of 6.9
[NASA-TM-74095]

Prediction of in-depth gap heating ratios from
wing glove model test data. --- space shuttle
orbiter
[NASA-CR-160146]

Radiative, actively cooled panel tests results
[SAE PAPER 79-2006]
AERODYNAMIC LOADS

A method of solving multicriterial optimization problems for load-bearing structures --- for large aspect ratio wings

Experimental effects of tip shape on rotor control loads

An analysis of thermal stress and gas bending effects on vibrations of compressor rotor stages --- blade torsional rigidity

A procedure for axial blade optimization

A calculation of rotor impedance for hovering articulated-rotor helicopters

Behavior of elastic systems in separated flow

System for stabilizing the vertical overload of an aircraft

Capabilities and applications of a computer program system for dynamic loads analyses of flexible airplanes with active controls /DYPLORP/C

A generalized modal shock spectra method for spacecraft loads analysis

Numerical computation of aeroelastically corrected transonic loads

Unsteady airloads in supercritical transonic flows

A refined prediction method for supersonic unsteady aerodynamics with AIC partition scheme --- Aerodynamic Influence Coefficient

An overview of technical problems in helicopter rotor loads prediction methods

Applications of Laplace transform methods to airfoil motion and stability calculations

Accelerated basis loads analysis --- improved computer systems programming approach for aircraft structural analysis

Theoretical and experimental investigations on aerodynamically highly-loaded compressor bleedings with boundary layer control

The effect of slot configuration and arrangement on the characteristics of jet flow

Effect of flight loads on turbine engine performance deterioration

Review of problems of unsteady aerodynamics of helicopters

Aerodynamic and aeroelastic characteristics of oscillating loaded cascades at low Mach number

The analysis of propellers including interaction effects --- for general aviation aircraft

Aerodynamics of airfoils with porous trailing edges

State of the art in aircraft loads monitoring

Aerodynamic problems in engine airframe integration on fighter airplanes

Interference effects of aircraft components on the local blade angle of attack of a wing-swept propeller

A vortex lattice technique for computing ventilated wind tunnel wall interference

A method of solving multicriterial optimization problems for load-bearing structures --- for large aspect ratio wings

Positive tail loads for minimum induced drag of subsonic aircraft

Effect of flight loads on turbofan engine performance deterioration

Effects of two-dimensional lift jets in subsonic aircraft with metallic, porous, and non-porous trailing edges

State of the art in aircraft loads monitoring

Aerodynamics of airfoils with porous trailing edges

State of the art in aircraft loads monitoring

Use of AIDC recorded data for assessing service load experience --- Aircraft Integrated Data System

Overview of the C-5A Service Loads Recording Program

Steady and unsteady vortex-induced asymmetric loads --- Review and further analysis --- on slender axisymmetric bodies

Weig aerodynamic loading caused by jet-induced lift associated with STOL-OTW configurations

A lifting-surface method for hover/climb airloads

The influence of sweep on the aerodynamic loading of an oscillating NASA 0012 airfoil

Improved sonic-boom computer program for calculating transonic aerodynamic loads on oscillating wings with thickness

Supersonic uninstalled flat --- aerodynamic loading of thin airfoils induced by cascade motion

Compressible viscous flowfield and lift forces induced by two-dimensional lift jets in ground effect

Investigation of steady and fluctuating pressures associated with the transonic buffetting and wing rock of a one-sevenths scale model of the F-5A aircraft

Calculation of aerodynamic pressure distributions on arbitrary aircraft geometries using the woodard aerodynamic analysis program

Interactional aerodynamics of the single rotor helicopter configuration. Volume 2: Harmonic analyses of airframe surface pressure data, runs 15-22, mid-section

Interactional aerodynamics of the single rotor helicopter configuration. Volume 2: Harmonic analyses of airframe surface pressure data, runs 23-25, mid section

Interactional aerodynamics of the single rotor helicopter configuration. Volume 2: Harmonic analyses of airframe surface pressure data, runs 23-25, aft section

The development of a parametric method for measuring fin fatigue loads based on flight measurements on a lightning R6.75

The influence of sweep on the aerodynamic loading of an oscillating NASA0012 airfoil. Volume 2: Data report

In-flight measurements of captive loads on a store as compared with wind tunnel and mathematical simulations

Interactional aerodynamics of the single rotor helicopter configuration. Volume 2: Harmonic analyses of airframe surface pressure data, runs 7-14, forward section

Interactional aerodynamics of the single rotor helicopter configuration. Volume 2: Harmonic analyses of airframe surface pressure data, runs 7-14, aft section

Interactional aerodynamics of the single rotor helicopter configuration. Volume 2: Harmonic analyses of airframe surface pressure data, runs 7-14, aft section
AERODYNAMIC ROBETS

Interactional aerodynamics of the single rotor helicopter configuration. Volume 2-8: Harmonic analysis of airframe surface pressure data, runs 23-33, forward section (NASA-CR-318-211) p0229 N79-16911

In-flight measurement of aerodynamic loads on captive stores. Description of the measurement equipment and comparison of results with data from other sources (NASA-RP-77026-0) p0229 N79-16912

A modification to linearized theory for prediction of pressure loadings on lifting surfaces at high supersonic Mach numbers and large angles of attack (NASA-TN-1006) p0226 N79-17906

Interactional aerodynamics of the single rotor helicopter configuration. Volume 6-A: One-third octave band spectrograms of wake single film data, buildup to baseline (AD-A061994) p0302 N79-18958

Interactional aerodynamics of the single rotor helicopter configuration. Volume 6-C: Frequency analyses of wake single film data, hubcaps and air ejectors (AD-A061995) p0302 N79-18959

Flow modeling and aerodynamic design techniques for centrifugal compressors (NASA-JR-18936) p0308 N79-19018

Application of aerodynamic design techniques to process compressor design --- computerized design (NASA-JR-18936) p0309 N79-19018

Industrial Centrifugal Compressors, Volume 2 (NASA-CP-176-701-2) p0309 N79-19019

Reduction of computer usage costs in predicting unsteady aerodynamic loadings caused by control surface motions: analysis and results (NASA-CP-18938) p0360 N79-20072

Interactional aerodynamics of the single rotor helicopter configuration. Volume 62: One-third octave band spectrograms of wake split-film data, fairings and surface devices -- utility aircraft (AD-A062000) p0360 N79-20074

Interactional aerodynamics of the single rotor helicopter configuration. Volume 6-C: Frequency analyses of wake single film data, hubcaps and air ejectors -- utility aircraft (AD-A062001) p0360 N79-20075

Interactional aerodynamics of the single rotor helicopter configuration. Volume 7-A: Frequency analyses of wake split-film data, buildup to baseline -- utility aircraft (AD-A062039) p0360 N79-20076

Interactional aerodynamics of the single rotor helicopter configuration. Volume 7-C: Frequency analyses of wake split-film data, solid hubcaps -- utility aircraft (AD-A062040) p0360 N79-20077

Interactional aerodynamics of the single rotor helicopter configuration. Volume 7-P: Frequency analyses of wake split-film data, fairings and surface devices -- utility aircraft (AD-A062041) p0360 N79-20078

Interactional aerodynamics of the single rotor helicopter configuration. Volume 7-P: Frequency analyses of wake split-film data, air ejectors with hubcaps -- utility aircraft (AD-A062117) p0361 N79-20080

Interactional aerodynamics of the single rotor helicopter configuration. Volume 7-G: Frequency analyses of wake split-film data, fairings and surface devices -- utility aircraft (AD-A062242) p0361 N79-20081

Interactional aerodynamics of the single rotor helicopter configuration. Volume 8-E: Frequency analyses of wake single film data, buildup to baseline (AD-A062256) p0361 N79-20082

Interactional aerodynamics of the single rotor helicopter configuration. Volume 8-E: One-third octave band spectrograms of wake split-film data, air ejectors (AD-A063853) p0379 N79-21018

Prediction of lateral aerodynamic loads on aircraft at high angles of attack (NASA-CP-318-211) p0415 N79-22024

Prediction and measurement of the aerodynamic forces and pressure distributions of wing-tail configurations at very high angles of attack (NASA-CP-318-211) p0415 N79-22024

Bumblebee Program: Aerodynamic data. Part IV: Wing loads at Mach numbers 1.5 and 2.0 --- missile configurations (AD-A066600) p0415 N79-22025


Predesign of the second-generation comprehensive helicopter analysis system (AD-A064289) p0421 N79-22083

Predesign of the second generation comprehensive helicopter analysis system (AD-A066289) p0421 N79-22084

Comparison of store trajectory and aerodynamic loads, flow field characterization of active controls concepts for subsonic transport aircraft (NASA-CP-318-211) p0431 N79-23017

Large transonic wind tunnels (VKI-LECTURE-SERIES-52) p0438 N79-23105

Active control for the Total-In-Flight Simulator (ACTIIS) (NASA-CP-318-211) p0437 N79-23108

A vector-continuous loading concept for aerodynamic panel methods (NASA-TP-2004) p0492 N79-24956

Factors influencing the accuracy of aerodynamic hinge-moment predictions (NASA-AF-2004) p0492 N79-24965

Unsteady rotor blade loading in an axial compressor with steady-state inlet distortions (NASA-CP-318-211) p0555 N79-27176

Supersonic uninstalled flutter (NASA-CP-318-211) p0555 N79-27178


Accurate development and flight evaluation of active controls concepts for subsonic transport aircraft (NASA-CP-318-211) p0726 N79-33217

AERODYNAMIC ROBETS

U STABILITY DERIVATIVES

AERODYNAMIC NOISE

On the noise emitted by cold subsonic coaxial jets (NASA-CP-318-211) p0117 N79-17767

Helicopter tail rotor noise generated by aerodynamic interactions (ASA-A-5) p0135 N79-18699

Supersonic propeller noise in a uniform flow (AIAA PAPER 79-0592) p0267 N79-26808

A comprehensive review of airframe noise research (NASA-TP-318-211) p0267 N79-26808

Advances in aeroacoustic windtunnel testing techniques for aircraft noise research (NASA-CP-318-211) p0267 N79-26808

A comparison of linear acoustic theory with experimental noise data for a small-scale hovering rotor (AIAA PAPER 79-0607) p0267 N79-26808

Sound radiation from hyperboloidal inlet ducts (TATIA PAPER 79-0592) p0267 N79-26808

Discrete noise spectrum generated by an acoustically excited jet (AIAA PAPER 79-0592) p0267 N79-26808

Direct experimental verification of the theoretical model predicting rotor noise generation (AIAA PAPER 79-0592) p0268 N79-26809

On sound radiation from the trailing edge of an isolated airfoil in a uniform flow (AIAA PAPER 79-0603) p0268 N79-26809

An experimental study of USB flap noise reduction through mean flow modification (AIAA PAPER 79-0607) p0268 N79-26809

The effect of throttling on forward radiated fan noise (AIAA PAPER 79-0592) p0268 N79-26809

The sound power spectrum of shock-free jets (AIAA PAPER 79-0592) p0268 N79-26809
### Subject Index

**Experiments concerning the ancaalous behaviour of Coaxial jet noise in flight**

- [AIAA PAPER 79-0636] p0269 A79-26919

**Master Plan for prediction of vehicle interior noise**


**Jet mixing - Comparison of measurement and theory**

- [AIAA PAPER 79-0570] p0317 A79-29555

**Flight effects on subsonic jet noise**

- [AIAA PAPER 79-0616] p0317 A79-29561

**Analysis of flight effects on noise radiation from dual-flow coaxial jet**

- [AIAA PAPER 79-0616] p0317 A79-29561

**Experimental study of coaxial nozzle exhaust noise**

- [AIAA PAPER 79-0631] p0317 A79-29563

**A jet exhaust noise prediction procedure for inverted velocity profile conical nozzles**

- [AIAA PAPER 79-0633] p0317 A79-29564

**Peak Strouhal frequency of subsonic jet noise as a function of Reynolds number**

- [AIAA PAPER 79-0633] p0317 A79-29564

**Asymmetry of a circular jet observed in near and far fields --- low speed turbulence and acoustic characteristics**

- [AIAA PAPER 79-0639] p0406 A79-36537

**Design of quiet efficient propellers**

- [AIAA PAPER 79-0584] p0406 A79-36539

**The impact of noise regulations on propeller design**

- [AIAA PAPER 79-0593] p0405 A79-36727

**Propeller-aircraft noise around general aviation airports**

- [AIAA PAPER 79-0598] p0405 A79-36728

**Effects of forward velocity on sound radiation from convecting monopole and dipole sources in jet flow --- subsonic aircraft model**

- [AIAA PAPER 79-0599] p0404 A79-36393

**Noise characteristics of heated high velocity rectangular jets --- jet engine application**

- [AIAA PAPER 79-0599] p0404 A79-36899

**Tone noise of three supersonic helical tip speed propellers in a wind tunnel**

- [AIAA PAPER 79-0599] p0474 A79-39801

**Hearing impulsive noise --- Some measured and calculated results --- from helicopter rotors in an anechoic chamber**

- [AIAA PAPER 79-0599] p0533 A79-43499

**An experimental study of high frequency noise from model rotors --- Prediction and reduction**

- [AIAA PAPER 79-0599] p0533 A79-43500

**Experiments of shock associated noise of supersonic jets**

- [AIAA PAPER 79-1152] p0602 A79-47341

**Aerodynamic and acoustic effects of eliminating cone swirl from a full scale 1.6 stage pressure ratio fan (0-57)**


**Airframe noise component interaction studies**

- [SAP ARP 79-03110] p0313 A79-19815

**Aerodynamic efficiency of boundary-layer transition**

- [AIAA PAPER 79-3110] p0361 A79-20085

**Effects of bow turbulence and noise on aerodynamic phenomena and measured quantities --- wind tunnel tests and boundary layer transition**

- [AIAA PAPER 79-3110] p0361 A79-20085

**Aerodynamic noise theory --- lightbility method, turbulent flow, sound pressure, and wave equations**

- [AIAA PAPER 79-3110] p0433 A79-23378

**Jet noise: A status report --- jet mixing and shock noise studies**

- [AIAA PAPER 79-3110] p0433 A79-23378

**Trailing edge noise data with comparisons to theory**


**Noise and vibration problems: Outline notes**


**Experimental and theoretical studies on model helicopter rotor noise**

- [NASA-CB-158681] p0559 A79-28984

**The aerodynamic noise of a slot in an aerofoil**

- [ARC-P/8-3030] p0590 A79-29155

**Parametric studies of model helicopter blade slap and rotational noise**

- [AD-A068181] p0600 A79-29562

---

**Study of design constraints on helicopter noise**


**An experimental investigation of the acoustic characteristics of a variety of subsonic configurations for transonic wind tunnel walls**

- [AD-A070261] p0738 A79-32223

**Some nonlinear problems in transonic helicopter acoustics**

- [Hx-19564] p0712 A79-32979

**Determination of the aerodynamic damping of turbine blade vibrations with allowance for the phase, exit blade angle, and blade construction**

- [AIAA PAPER 79-0593] p0606 A79-10566

**The Wright brothers' flight-control system --- canard configuration**

- [AIAA PAPER 79-0593] p0606 A79-11125

**Control and stabilization in aerodynamics --- Russian book**

- [AIAA PAPER 79-0593] p0606 A79-11392

**Application of the lifting line concept to helicopter computation**

- [NASA-TP-1978-90] p0718 A79-11571

**Gas turbine engine inlet flow distortion guidelines**


**Optimizing linear flight vehicle stability systems with orthogonal filters**

- [AIAA PAPER 79-10112] p0659 A79-14871

**Method of calculating the longitudinal, lateral, and crossed aerodynamic derivatives of an aircraft at supersonic velocities**

- [AIAA PAPER 79-10112] p0727 A79-18385

**The aerodynamic effectiveness of split flap stabilizers**

- [AIAA PAPER 79-0093] p0614 A79-19529

**An application of ground vibration test results to calculate aerelastic stability and control parameters**

- [AIAA PAPER 79-0830] p0323 A79-29046

**Applications of Laplace transform methods to airfoil motion and stability calculations**


**Recent progress in active controls applied to flutter suppressors**


**Aircraft response to lateral gusts - Exploratory study**


**Review of problems of unsteady aerodynamics of helicopters**


**Some experimental results connected with the transonic instability on an airfoil**


**Evaluation of the aerodynamic damping of the oscillations of turbine blades with a view to pitch, stagger angle, and curvature of blades**


**Dynamic stability of a flight vehicle laying out an uncolliding line**


**Time-variant aerodynamics of oscillating airfoil surfaces in a supersonic flowfield**


**Rotor blade stability in turbulent flows**


**Rotor blade stability in turbulent flows**

- [NASA-TP-1978-90] p0513 A79-41751

**Some early experiments in the development of a flying platform for aerodynamic testing**

- [NASA-TP-1978-90] p0603 A79-47535

**Aerodynamic center of wing-fuselage-nacelle combinations: Effect of rear-fuselage pylons mounted nacelles**

NUMERICAL ANALYSIS

The numerical solution of differential equations -- a survey of applied numerical analysis
[AIAA PAPER 79-0217]

Numerical analysis -- for aeronautical engineers
[AIAA PAPER 78-0220]

Design and analysis of high-performance aircraft using computational methods
[AIAA PAPER 79-04041]

Application of the lifting line method to the design of airfoils and wings
[AIAA PAPER 79-0465]

The role of fluid mechanics in aviation technology
[DGLR PAPER 78-230]

The importance of aerodynamics in the design of aircraft
[DGLR PAPER 78-223]

Aerodynamics and fluid mechanics -- on-line wind tunnel-computer integration
[DGLR PAPER 78-229]

The consideration of the effect of winds in the mechanics-of-flight equations
[DGLR PAPER 78-227]

A new boundary-layer interaction technique for separated flows
[AIAA PAPER 79-07890]

Some aspects of unsteady insect aerodynamics
[AIAA PAPER 79-04042]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04043]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04045]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04046]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04047]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04048]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04049]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04050]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04051]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04052]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04053]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04054]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04055]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04056]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04057]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04058]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04059]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04060]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04061]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04062]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04063]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04064]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04065]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04066]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04067]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04068]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04069]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04070]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04071]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04072]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04073]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04074]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04075]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04076]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04077]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04078]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04079]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04080]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04081]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04082]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04083]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04084]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04085]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04086]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04087]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04088]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04089]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04090]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04091]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04092]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04093]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04094]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04095]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04096]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04097]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04098]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04099]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04100]

Aerodynamics of low aspect ratio wings
[AIAA PAPER 79-04101]
<table>
<thead>
<tr>
<th>Subject Index</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wind tunnel simulation of wind-structure interactions</td>
<td>p0075 A79-15769</td>
</tr>
<tr>
<td>Examination of the air resonance stability characteristics of a bearingless main rotor</td>
<td>p0114 A79-17606</td>
</tr>
<tr>
<td>(AIAA 78-22)</td>
<td></td>
</tr>
<tr>
<td>The aerodynamically conformable rotor concept</td>
<td>p0121 A79-18168</td>
</tr>
<tr>
<td>(AIAA 78-59)</td>
<td></td>
</tr>
<tr>
<td>The role of rotor impedance in the vibration analysis of rotorcraft</td>
<td>p0125 A79-18180</td>
</tr>
<tr>
<td>Application of the finite element method to rotating-wing aerelasticity ---</td>
<td>p0130 A79-18653</td>
</tr>
<tr>
<td>in helicopter hovering flight</td>
<td></td>
</tr>
<tr>
<td>Finite element methodology results compared with experimental data for a severely deformed wing in transonic flow</td>
<td>p0145 A79-19659</td>
</tr>
<tr>
<td>Prediction methods in aerelasticity</td>
<td></td>
</tr>
<tr>
<td>(AIAA 79-0722)</td>
<td>p0252 A79-25618</td>
</tr>
<tr>
<td>Aerelastic tailoring studies in fighter aircraft design</td>
<td></td>
</tr>
<tr>
<td>(AIAA 79-0725)</td>
<td>p0282 A79-28257</td>
</tr>
<tr>
<td>An aerelastic optimization procedure for composite high aspect ratio wings</td>
<td></td>
</tr>
<tr>
<td>(AIAA 79-0726)</td>
<td>p0282 A79-28258</td>
</tr>
<tr>
<td>Combined strength and aerelastic wing synthesis via constraint approximation</td>
<td></td>
</tr>
<tr>
<td>(AIAA 79-0724)</td>
<td>p0283 A79-28290</td>
</tr>
<tr>
<td>Formulation of the aerelasticity and response problem of coupled rotor/support systems</td>
<td></td>
</tr>
<tr>
<td>(AIAA 79-0732)</td>
<td>p0319 A79-29006</td>
</tr>
<tr>
<td>Capabilities and applications of a computer program system for dynamic loads analyses of flexible airplanes with active controls /DIOLITE/</td>
<td>p0320 A79-29015</td>
</tr>
<tr>
<td>(AIAA 79-0743)</td>
<td></td>
</tr>
<tr>
<td>A generalized modal shock spectra method for spacecraft loads analysis</td>
<td>p0320 A79-29017</td>
</tr>
<tr>
<td>(AIAA 79-0745)</td>
<td></td>
</tr>
<tr>
<td>On the role of shocks in the 'sub-transonic' flutter phenomenon</td>
<td>p0320 A79-29019</td>
</tr>
<tr>
<td>Numerical computation of aerelastically corrected transonic loads</td>
<td>p0322 A79-29020</td>
</tr>
<tr>
<td>Design, development, and testing of an active flutter margin augmentation system for a commercial transport airplane</td>
<td>p0322 A79-29034</td>
</tr>
<tr>
<td>(AIAA 79-0766)</td>
<td></td>
</tr>
<tr>
<td>Effect of chordwise forces and deforming and deformations due to steady lift on wind flutter</td>
<td>p0322 A79-29036</td>
</tr>
<tr>
<td>(AIAA 79-0797)</td>
<td></td>
</tr>
<tr>
<td>An application of ground vibration test results to calculate aerelastic stability and control parameters</td>
<td>p0322 A79-29037</td>
</tr>
<tr>
<td>(AIAA 79-0830)</td>
<td></td>
</tr>
<tr>
<td>Applications of Laplace transform methods to airfoil motion and stability calculations</td>
<td>p0323 A79-29046</td>
</tr>
<tr>
<td>(AIAA 79-0772)</td>
<td></td>
</tr>
<tr>
<td>Aerodynamic and elastic properties of an airplane in steady flight flow</td>
<td>p0255 A79-29151</td>
</tr>
<tr>
<td>(AIAA 79-0701)</td>
<td></td>
</tr>
<tr>
<td>Characteristics of aerelastic instabilities in turbomachinery - NACA full scale engine test results</td>
<td>p0325 A79-29200</td>
</tr>
<tr>
<td>Study of compressor aerelastic instabilities in a linear cascade wind turbine</td>
<td>p0328 A79-29386</td>
</tr>
<tr>
<td>(AIAA 79-0704)</td>
<td></td>
</tr>
<tr>
<td>Aerodynamic and aerastic characteristics of oscillating loaded cascades at low Mach number</td>
<td>p0390 A79-32296</td>
</tr>
</tbody>
</table>

A-20
Aerospace Technology Transfer


Computers in Aerospace Conference, 2nd, Los Angeles, Calif., October 22-24, 1979, Technical Papers

A feasibility study for development of structural aluminum alloys from rapidly solidified powders for aerospace structural applications

Scientific research, 1977 — an overview of air transportation, aircraft design, propulsion systems, space technology, and reconnaissances

Aerospace Technology Transfer

Spinoff 1979

Aerospace Vehicles

A minimum weight analysis of aerospace vehicle recovery systems

Dynamic Stability Parameters

Techniques for dynamic stability testing in wind tunnels

Aerospacecrafts

A Mars airplane . . . Oh really — aerospaceplane design for Mars exploration

AEROSTATs

Aerothermodynamics

Influence of geometric effects on the aspect ratio optimization of axial turbine blades

Plane problems of aerothermodynamics — refraction in two-dimensional nonuniform medium

Method for digital computer calculation of unsteady temperature fields in turbomachine discs

Acoustics and performance of high-speed, unequally spaced fan rotors

Heat transfer to turbine blades, with special reference to the effects of mainstream turbulence

Crew calculation for thin-walled structures operating under unsteady heating and loading conditions

On some methods for the numerical simulation of flows with complex structure

Noise characteristics of heated high velocity rectangular jets — jet engine application

The role of three-dimensional flow analysis in the design of turbomachinery

Effect of cooling of the central body on startup, separation of the flow at the intake and the throttling characteristics of air scoops at supersonic and hypersonic velocities

Heat transfer over the initial section of turbine blade cooling channels under conditions of rotation

The aerothermodynamics of aircraft gas turbine engines

Contribution to the development of theoretical calculations for the design and optimization of lifting bodies. (Solution of three-dimensional basic thermofluid dynamics equations with strong interacting attached and separated flow fields)

Thermostructural analysis of a scramjet fuel-injection strut

APCS (CONTROL SYSTEM)

Automatic Flight Control

Afterburners

A numerical study of jet entrainment effects on the subsonic flow over nozzle afterbodies

Evaluation of methods for prediction of propulsion system drag

A parametric study of support system interference effects on nozzle/afterbody drag in wind tunnel testing

Engine-aircraft afterbody interactions — Recommended testing techniques based on TF-17 experience

Exhaust plane thermodynamic effects on nonaxisymmetric nozzle afterbody performance in transonic flow

Mass injection and jet flow simulation effects on transonic flow nozzle/afterbody drag

Afterbody tests in the Nodane hot gas bench

Jet engine afterburners

Jet curtain flameholder for aircraft afterburners

Characteristics of a turbojet bypass engine with afterburner during oxygen supply to the afterburner

Measurements and predictions of flyover and static noise of an afterburning turbofan engine in an F-111 airplane

Test verification of a turbofan partial swirl afterburner

Characteristics of afterburning bypass turbojet engine with oxygen injection into the afterburner chamber

A simplified gross thrust computing technique for an afterburning turbofan engine

Measurements and predictions of flyover and static noise of an afterburning turbofan engine in an F-111 airplane

Lo-frequency augmentor instability study

Operating condition and geometry effects on low-frequency afterburner combustion instability in a turbofan at altitude

Alternate subsonic low-cost engine

Integration of an airframe with a turbofan and afterburner system

Aging (Materials)

Overage indicators for prepreg products — materials performance for military aircraft

Interaction of policy and stochastic effects in an air-force recoverable items process: A model of aircraft engine aging and removal over time

Agricultural Aircraft

Full-scale wind-tunnel investigation of an Ayres S-600 Thrush Agricultural Airplane

Model study of aircraft disk brakes

Agricultural helicopters — test and simulation results

System design requirements for advanced rotary-wing agricultural aircraft

Environmental factors affecting the installation and operation of gas turbine engines in agricultural aircraft

A-22

Subject Index
Advanced system design requirements for large and small fixed-wing aircraft systems - [NASA CR-158939] p0291 479-17848
Identification of high-priority research for more efficient aircraft designs - [NASA CR-152256] p0419 479-22076

AH-64 HELICOPTER
The effects of lateral airflow on the structural strength of the Hughes AH-64 attack helicopter - YAH-6 - [NASA CR-159137] p0013 479-10904
Damage tolerant design of the YAH-64 main rotor blade - [NASA CR-159137] p0013 479-10904
Advanced technology helicopter landing gear - [NASA CR-159137] p0014 479-10914
Ultrasonic welding and solid-state bonding of aircraft structures - Fact or fancy - [NASA CR-159137] p0015 479-10921
Multiplex system for the Hughes AH-64 attack helicopter - YAH-6 - [NASA CR-159137] p0120 479-18140
Pilot night vision system (PNVS) for advanced attack helicopter - AH-66 - [NASA CR-159137] p0120 479-18140
Handling qualities of Arny/Hughes YAH-64 advanced attack helicopter - [NASA CR-159137] p0120 479-18140
Inertia welding of YAH-64 main rotor drive shaft - [NASA CR-159137] p0122 479-18158
Damage tolerant design of the YAH-64 drive system - [NASA CR-159137] p0123 479-18169
Actuator and hydraulic survivability concepts for Hughes YAH-64 - [NASA CR-159137] p0123 479-18169
Automatic stabilization equipment for the Arny/Hughes YAH-64 advanced attack helicopter - [NASA CR-159137] p0123 479-18169

AILERONS
NT SPOLIER SLIT ALLENS
Calculation of transonic aileron buzz - [AIAA PAPER 79-0134] p0142 479-19553
Design maneuver loads for an airplane with an active control system - [AIAA 79-0730] p0323 479-29049
Economical processing of fiber-reinforced components with thermal expansion molding - [DGLR PAPER 79-011] p0350 479-32337
A method for the optimal layout of driving mechanism of the aileron for gliders and motorplanes - [NASA CR-159049] p0411 479-12572
Design development of an advanced composite aileron - graphite-epoxy structure for L-1011 - [AIAA PAPER 79-1607] p0606 479-48789
Flutter suppressor for transonic flight - [AIAA PAPER 79-011] p0350 479-32337
A general method for the layout of ailerons and elevators of gliders and motorplanes - [NASA CR-159049] p0411 479-12572

AIR BRAKINGS
U GAS BRAKINGS
AIR BREATHING ENGINES
NT DUCED PAN ENGINES
NT GAS TURBINE ENGINES
NT J-57 ENGINES
NT J-75 ENGINES
NT J-79 ENGINES
NT J-85 ENGINES
NT JET ENGINES
NT KAMET ENGINES
NT SUPersonic COMBUSTION RAMJET ENGINES
NT T-53 ENGINES
NT T-79-61 ENGINE
NT TURBOPAN ENGINES
NT TURBOJET ENGINES
NT TURBO PROP ENGINES
Geometric scaling and performance of supersonic combustors with vortex amplification and swirl generation by gas jets - [AIAA PAPER 79-0382] p0147 479-19699
Air-inlet engine matching problems of a jet aircraft - [AIAA 79-7004] p0327 479-23380

A critical review of performance monitoring systems on the basis of the experience obtained from civil applications - [AIAA 79-7006] p0327 479-29381
A technique for engine maintenance cost forecasting - [AIAA 79-7007] p0327 479-29382
Airbreathing engines - aerodynamic aspects - [NASA CR-159087] p0301 479-18925
Structures for supersonic airbreathing tactical missiles - [NASA CR-159087] p0301 479-18925
Multivariable control air breathing design demonstration on the F-100 turbofan engine - [NASA CR-159087] p0497 479-25015

AIR CARGO
Overview of the small package air carrier industry - A study of the operations in Federal Express - [AIAA PAPER 79-0134] p0142 479-19553
Directions for developing an air cargo system - planning model - [NASA CR-159068] p0404 479-33827
Concept for a large multi-mission amphibian aircraft - [AIAA 79-0135] p0405 479-33832
Ilyushin 'Candid' --- Soviet transport for enhanced air mobility and logistical support - [NASA CR-159068] p0525 479-42423
Disaggregate node-place models for air freight policy analysis - [NASA CR-159068] p0564 479-45249
Network design - [NASA CR-159068] p0564 479-45249
Large cargo aircraft: A technology assessment, volume 1 - [PB-286896/6] p0217 479-15927
Large cargo aircraft: A technology assessment, volume 2 - [PB-286894/4] p0217 479-15927
Cargo/Logistics Airlift System Study (CLASS), volume 1 - [NASA CR-158915] p0289 479-17822
Cargo/Logistics Airlift System Study (CLASS), volume 2 - [NASA CR-158916] p0289 479-17823
Cargo/Logistics Airlift System Study (CLASS), executive summary - [NASA CR-158959] p0289 479-17824
Additional analyses of air carried load factors and competition with competition - [PB-285779/9] p0380 479-21032
CW-47 helicopter internal cargo load and restraint system study - [AD PAPER 79-064207] p0420 479-22081
Cargo/Logistics Airlift System Study (CLASS); Volume 2: Case study approach and results - [NASA CR-158913] p0494 479-24978
Boeing 747 aircraft with large external pod for transporting oversized cargo - [NASA CR-158907] p0543 479-26063
Airfreight forecasting methodology and results - [NASA CR-158907] p0548 479-27114
The 1990 direct support infrastructure - [NASA CR-158907] p0549 479-27115
Potential applications of advanced aircraft in developing countries --- Brazil and Indonesia - [NASA CR-158907] p0581 479-28158

AIR CONDITIONING
The P-16 environmental control system - [AIAA 79-12560] p0027 479-12560
A research study into the reliability of various fuel, hydraulic and air conditioning components of military aircraft - [AIAA 79-12560] p0027 479-12560
Advanced environmental cooling concepts for supersonic aircraft - [AIAA 79-12570] p0027 479-12570
P-16 air conditioning system - [AIAA 79-12570] p0027 479-12570
Formulation of empirical formulas for calculating the hydraulic resistance of networks - [AIAA 79-12570] p0027 479-12570

A-23
AIR CUSHION VEHICLES

The air cushion landing gear applications study --- for comparison of alternative system concepts

[ASME PAPER 78-GT-223]

A case study of computer evolution in air defense, command and control, and air traffic control

[IAEA 79-1914]

Feasibility study of mini-RPV for attacks

P0219 79-15953

Adding the challenge of nap-of-the-earth

P0655 79-30199

AIR DROP OPERATIONS

Paraute-rocket deceleration system design

P0696 79-54057

AIR FILTERS

The trajectories of spherical particles in flow through cascaded turning vanes

P0837 79-23096

AIR FLOW

NT JET STREAMS (METEOROLOGY)

NT (NASA-TR-1713)

NT VERTICAL AIR CURRENTS

Investigation of the electrification of an axial-flow model by a biased airstream in a wind tunnel

P0020 79-12162

The status of air motion measurements on naval aircraft

P0193 79-21973

H-1/ least squares method for the Navier-Stokes equations --- numerical simulation of separated viscous flows around wings and airfoils

P0335 79-29800

A low-cost, on-site performance monitoring system for aircraft engines

P0390 79-32342

The trajectories of spherical particles in flow through cascaded turning vanes

[NASA-TR-1510]

The trajectories of spherical particles in flow through cascaded turning vanes

P0837 79-23096

AIR FREIGHT

NT AIR CARGO

NT AIR INLETS

NT AIR TANKS

NT AIR TRANSPORT

NT ENGINE INLETS

NT HYPERSONIC INLETS

NT SUPERSONIC INLETS

Experimental method for investigating preintake vortex circulation --- in engine air intakes

P0016 79-11367

The flow at the inlet and in the throat region of a plane supersonic air intake
AIR POLLUTION

Operational and regulatory questions related to inertial systems

Technological evolution of inertial navigation for aircraft

Geodesy and coordinate conversion for position determination of aircraft

Air France's Paris-Tokyo transpolar flight in 1978

Internationalization of OMEGA

A navigation filter for an integrated GPS/JTIDS/INS system for a tactical aircraft -- Joint Tactical Information Distribution System

Stability analysis of relative navigation systems -- TDMA system for multi-member aircraft communities

Theoretical principles of long range navigation systems

Advanced instrumentation and data evaluation techniques for flight tests -- aircraft navigation systems

Increasing the accuracy of integrated Doppler/TACAN navigation through frequent change of TACAN stations

The influence of the Terminal Control Area on air operations

The DME-based Azimuth System /DAS/ as a commercial navigation aid

Investigation of different system configurations for a TMA navigation system taking special account of traffic load and channel requirements

Possibilities for increasing distance measurement accuracy of DME -- Distance Measuring Equipment

A simple integrated navigation system based on multiple DEE

Increasing guidance accuracy through use of an integrated digital piloting system

Fundamentals of navigation in the terminal maneuvering area

Quasi-autonomous navigation system -- for aircraft position indication

Solution of navigation problems in aircraft onboard systems equipped with digital computer

Some possibilities for the navigation of small passenger aircraft

Navigation instruments for small passenger aircraft of the 1980s

Coastal system for small aircraft

Technical means for automation of air navigation

Navigation at high latitudes

Handbook of flight communication and radio equipment -- Russian book

A simple integrated navigation based on multiple DME

Expanding the region of convergence for SITAR through improved modelling of terrain nonlinearities -- Sandia Inertial Terrain Aided Navigation

Dynamic simulator test and evaluation of a JTIDS relative navigation system -- Joint Tactical Information Distribution System

Navstar user equipment for civil and military applications

Aeronautical information data subsystems /AIDS/

The impact of low cost micro-processors on airborne navigation systems

System capacity of the approach- and landing aid START

Operational requirements for flight control and navigation systems for short haul transport aircraft

Impact of area navigation on controller productivity and ATC system capacity

Algorithms and logic for incorporating BDS back azimuth information into the NASA TCN B-737 airplane area navigation system

Simulation evaluation of combined 4D NAV and airborne traffic situation displays and procedures applied to terminal aerial maneuvers

Recognition of the aircraft navigation light colour code

Low-cost inertial navigation for moderate-9 missions

AIR POLLUTION

Pollution sources caused by aviation

Wide range operation of advanced low NOX aircraft gas turbine combustors

Jet engine test cells: Emissions and control

Reduction of air pollutant emissions at airports by controlling aircraft ground operations

Updated model assessment of pollution at major U.S. airports

Aircraft engine emissions are under continuing surveillance

Characteristic time correlations of pollutant emissions from an annular gas turbine combustor -- aircraft engines

Contribution to the development of motor emission regulations

Aircraft engine emissions are under continuing surveillance

Analytical-kinetic models for the evaluation of polluting emissions from aircraft gas turbines -- limiting techniques

Jet engine test cells: Emissions and control measures, phase 2

Pilot program to develop operating time emission degradation factors for general aviation piston engines

Air pollution from aircraft operations at San Jose Municipal Airport, California

Nitrogen oxide air pollution. Part 3: Atmospheric chemistry. A bibliography with abstracts

Investigation of turbo-dyne energy chamber (G:R: value trademark): An air bleed device

The feasibility of controlling turbine engine test cell particulate emissions with a baghouse

Air Force turbine engine emission survey. United States. Volume 1: Test summaries
The integration of airport planning and environmental assessment - a focus on air quality analysis.

Emissions of oxides of nitrogen from aircraft --- air quality impact.

Air quality analysis of possible P-51 design aircraft engine modifications to reduce pollution.

Development of criteria for monitoring of airport ground pollution. Volume 1: Study.

Development of criteria for monitoring of airport ground pollution. Volume 2: Data validation procedures.

Measurement of ozone in an aircraft.

Comparisons of turbine engine combustor exhaust emissions measurements using three gas-sampling probe designs.

Meteorological and operational aspects of 46 clear air turbulent sampling missions with instrumented B-787 aircraft.

An improved turbulent stability augmentation system for air-to-air tracking.

Unconstrained supersonic cruise and maneuvering configuration concepts --- for long range air-ground and air-air missiles.

A comparison of air-to-air missile guidance laws based on optimal control and differential game theory.

An improved extended Kalman filter to an advanced fire control system.

A high resolution visual system for the simulation of in-flight refueling.

A high resolution visual system for the simulation of in-flight refueling.

A high resolution visual system for the simulation of in-flight refueling.

Unconstrained supersonic cruise and maneuvering configuration concepts --- for long range air-ground and air-air missiles.

Unique crew escape concepts for ITS mission aircraft.

An improved lateral stability augmentation system for air-to-air tracking.

Evaluation of ground-launch firings for the improved 2.75-inch rocket.

Guidance law design for tactical weapons with strapdown seekers.

Aviation obstructions and the particular conditions for construction projects in the vicinity of airports.

Access, fares, frequency - Effects on airport traffic.

Problems of airports in the vicinity of foreign states.

Traffic background level and signal duration effects on aircraft noise judgment.

The integration of airport planning and environmental assessment - a focus on air quality analysis.

In-flight fueling and the world of the eighties.

Problems of airports in the vicinity of foreign states.

Meteorological and operational aspects of 46 clear air turbulent sampling missions with instrumented B-787 aircraft.

Unconstrained supersonic cruise and maneuvering configuration concepts --- for long range air-ground and air-air missiles.

Evaluation of ground-launch firings for the improved 2.75-inch rocket.

Guidance law design for tactical weapons with strapdown seekers.

Aviation obstructions and the particular conditions for construction projects in the vicinity of airports.

Access, fares, frequency - Effects on airport traffic.

Problems of airports in the vicinity of foreign states.

Traffic background level and signal duration effects on aircraft noise judgment.

The integration of airport planning and environmental assessment - a focus on air quality analysis.

In-flight fueling and the world of the eighties.

Problems of airports in the vicinity of foreign states.

Meteorological and operational aspects of 46 clear air turbulent sampling missions with instrumented B-787 aircraft.

Unconstrained supersonic cruise and maneuvering configuration concepts --- for long range air-ground and air-air missiles.

Evaluation of ground-launch firings for the improved 2.75-inch rocket.

Guidance law design for tactical weapons with strapdown seekers.

Aviation obstructions and the particular conditions for construction projects in the vicinity of airports.
Threat logic for air-derived CAS --- Collision

Factors in evaluating the effectiveness of a Conflict alert for the air traffic control system

Responsibilities of French air traffic control

Operational evaluation of an Air Traffic Control A family of air traffic control radars

Measuring and improving ATC capacity

NASA says FAA understates air crash risk

Concept of modular software for the stepwise construction of radar data processing systems with minicomputers, taking into account as example the Airtrack System

Real-time simulation in air traffic control

Separation and collision risk in air traffic control

The future of surveillance systems in civil aviation

NASA says FAA understates air crash risk

A family of air traffic control radars

Manoeuvre handling in a multiradar, a.t.c. systems

Geneva, Zurich get fine-grain 3-D color weather radar

 Possibilities and limitations of air traffic control [DGLR PAPER 79-023]

The influence of the Terminal Control Area on air traffic operations [DGLR PAPER 79-024]

Air traffic control requirements for the viewpoint of the airport [DGLR PAPER 79-025]

Aircraft guidance in the ATC sector - Problems and perspectives [DGLR PAPER 79-026]

Factors influencing runway capacity as typified by the Munich/Munich airport [DGLR PAPER 79-027]

Air traffic control strategies for handling air traffic in the terminal area [DGLR PAPER 79-028]

Aspects of traffic flow control in the approach region [DGLR PAPER 79-029]

Development of specifications for taxiing guidance and control systems [DGLR PAPER 79-030]

Technical calculation methods for automatic collision recognition and avoidance in air traffic [DGLR PAPER 79-031]

Investigation of different system configurations for a 3MA navigation system taking special account of traffic load and channel requirements [DGLR PAPER 79-032]

Problems of onboard determination of wind relationships with optimal filters --- in inertial navigation system [DGLR PAPER 79-033]

New onboard structure of display and control system for piloting and air traffic control [DGLR PAPER 79-034]

Investigation concerning an Airborne Terminal ATC for pilot/controller communication over a ground/board/ground data link [DGLR PAPER 79-035]

Fundamentals of navigation in the terminal maneuvering area [DGLR PAPER 79-036]

Simulation study of the operational effects of fuel-conservative approaches [DGLR PAPER 79-037]

Filtering and threat logic design and evaluation for the beacon collision avoidance system [AIAA 79-1070]

Fuel-conservative guidance system for powered-lift aircraft [AIAA 79-1071]

4-D helical approach of a transport aircraft in an ATC environment [AIAA 79-1072]

Reflection elimination in secondary surveillance radar --- for air traffic control [AIAA 79-1073]

Small lightweight electronically steerable cylindrical antenna successfully utilized in an air traffic management system [AIAA 79-1074]

The ATCBI-S beacon interrogator --- Air Traffic Control Beacon Interrogator [AIAA 79-1075]

Modern systems for air traffic control [AIAA 79-1076]

A case study of computer evolution in air defense, command and control, and air traffic control [AIAA 79-1077]

A bibliography with abstracts [RTIS/PS-78/0788/8]

A bibliography with abstracts [RTIS/PS-78/0788/6]

Engineering and development program plan: Central flow control system [AD-005559/9]

ATC accommodation of fuel conservative turbojet operations [AD-0055550/0]
AIRBORNE SURVEILLANCE RADAR

Multichannel infrared receiver performance — for airborne detection of antiaircraft missiles

Radar cross section fundamentals for the aircraft designer

Real time weather display in the general aviation cockpit

Power hybridization — key to reducing avionics power supply weight and volume

Multifunction CO2 heterodyning laser radar for low level tactical operations

Airborne surveillance radar

AIRBORNE SURVEILLANCE RADAR

Multi-filter MTI system

A yaw stabilized S.A.P. aerial

Considerations on the airborne use of DME interrogators or SSR transponders for ground-derived landing and surveillance systems

Airborne Early Warning Radar /Chadwick Memorial Lecture/

Adaptation of a digital airborne radar for use on the microphysics research aircraft

Design considerations for the NOAA airborne meteorological radar and data system

Technology and the new look at the FAA-18 radar

Built in test of A/C converters - Present approaches and recommendations for improved BIT effectiveness — in airborne radar systems

Millimeter airborne radar target detection and selection techniques

A new three-dimensional surveillance radar

The servoed modulation FM/CW radar altimeters in military applications

Automated tracking for aircraft surveillance radar systems

AIRBORNE/SPACEBORNE COMPUTERS

New-generation Tacan equipment

Optimal control of helicopter longitudinal motion on the basis of an operational algorithm

Information distribution in distributed microprocessor based flight control systems

B-52 aircraft gross weight computational system

A flexible aircraft data acquisition system — for meteorological research

An airborne microcomputer for radio navigation

Flight test control by means of a microprocessor. I

SIPS — Design and analysis of a fault-tolerant computer for aircraft control — Software Implemented Fault Tolerant systems

Development of the L-1011 Flight Management System

FAA air traffic control automation — Problems and trends

Dual digital flight control redundancy management system development program

The effects of low-level wind shear on the approach and go-around performance of a landing jet aircraft

A general aviation flight test application of the on-board computer

Exploring team avionics systems by simulation

New paths for the development of aircraft equipment opened up by the use of modern computer technology — digital systems for civil aviation

Prospects for airborne computer systems

Solution of navigation problems in aircraft onboard systems equipped with digital computer

Dual digital flight control redundancy management system development program

The B-52 multi-mission airframe — digital avionics architecture as the basis for advanced avionics systems

Evaluation and analysis of current MIL-STD-1553 digital avionics architecture as the basis for advanced avionics systems using MIL-STD-1553

Computer Monitor and Control — A flexible, cost-effective implementation

Evolving methods for reducing avionics data in an AIPS environment — Avionics Integration Support Facility flight program testing

Integrated CNI avionics — EC-Resistant Communication, Navigation and Identification

E-3A legacy /AWACS/ ATPG — Automatic Test Program Generation

The impact of low cost micro-processors on airborne navigation systems

Experiences with an airborne digital computer system for general aviation flight testing

Computers in Aerospace Conference, 2nd, Los Angeles, Calif., October 22-24, 1979, Technical Papers

Assessment of software development and maintenance costs due to retrofit of embedded avionics computer

A multi microprocessor flight control system — Architectural concepts
AIRCRAFT ANTENNAS

Determination of the probability of consequences of aircraft-system failures in the evaluation of flight safety levels p0687 A79-52144

Innovative design methods in demonstrative evidence techniques and associated problems of admissibility p0691 A79-53555

Defining the design defect in aircraft products liability cases p0691 A79-53556

A review of crashworthiness --- in aircraft accident-liability cases p0692 A79-53557

Single pilot IFR operating problems determined from accident data analysis [NASA-TR-8777] p0084 N79-11013


Aircraft accident reports: Brief format US Civil Aviation issue number 5 - 1976 accidents [NTSB-BA-77-3] p0217 N79-15926

Aircraft accident report: Midair collision involving a Falcon JET, N1220N, and a Comessa 1506, N6423K, Memphis, Tennessee [NTSB-AM-78-14] p0288 N79-17821


Overview of the carbon filter problem p0295 N79-18076

Probabilistic analysis of air carrier accidents p0296 N79-18078

Carbon fiber release conditions p0296 N79-18079

Estimation of economic losses p0296 N79-18083

Synthesis of national risk profile p0296 N79-18085


Occupant injury mechanisms in civil helicopter accidents p0311 N79-19653

Comparative injury patterns in US Army helicopters p0311 N79-19654

Engineering analysis of crash injury in army aircraft p0312 N79-19655

Assessment of the benefits of aircraft crashworthiness p0312 N79-19657

Helicopter crashworthy fuel systems and their effectiveness in preventing thermal injury p0312 N79-19660

A method for selecting a crashworthy fuel system design p0312 N79-19661

Source of released carbon fibers p0426 N79-22200

An assessment of local risk --- to area associated with commercial operations of aircraft with graphite fiber composite structures p0426 N79-22207


Helicopter obstacle strike tolerance concepts analysis [AD-A069877] p0665 N79-30179


Comparative analysis of Pa-31-350 Cheiftain (MuLAV) accident and NASA crash test data [NASA-TR-87783] p0713 N79-33176


AIRCRAFT ANTENNAS

RCS reduction of installed aircraft antennas --- Radar Cross Section prediction p0247 A79-24716

Aircraft antenna pattern measurements using near field techniques p0247 A79-24721

A proposed integrated ECM system using the constant index lens antenna p0247 A79-24726

Near-field analysis of helicopter rotating blades modulation interference p0248 A79-25131

A model for calculating the radiation field of microstrip antennas p0315 A79-28822

Low profile polarization cage for VHF antennas p0343 A79-30784

High power DPH slide screw tuner for antenna breakdown measurements p0349 A79-32190

Experimental analysis of V.H.F. antennas for helicopter lowering systems using scale-model techniques p0365 A79-35392

Aircraft antenna systems --- Russian book p0564 A79-48492

Aerial isolation - a study of the interaction between co-axes of signals - transmitting and receiving aircraft antennas p0574 A79-46240

Multiband antenna --- for tactical naval aircraft p0614 A79-48596


Evaluation of the radar altimeter reference method for determining altitude system positioning errors [NASA-79-40436]

Radiation from quarter-wavelength monopoles on curved surfaces p0647 A79-50506

The penetration of electromagnetic fields into aircraft from externally mounted HP antennas p0690 A79-52981

In-house exploratory development program on microstrip antennas [AD-A058899] p0107 N79-13233

A hybrid technique for combining the moment method of wire antennas with the GTD for curved surfaces [AD-A058495] p0108 N79-13241

Aircraft antenna systems --- Russian book p0627 A79-49068

Evaluation of the radar altimeter reference method for determining altitude system positioning errors [NASA-79-40436]

Radiation from quarter-wavelength monopoles on curved surfaces p0647 A79-50506

The penetration of electromagnetic fields into aircraft from externally mounted HP antennas p0690 A79-52981

In-house exploratory development program on microstrip antennas [AD-A058899] p0107 N79-13233

A hybrid technique for combining the moment method of wire antennas with the GTD for curved surfaces [AD-A058495] p0108 N79-13241


Helicopter obstacle strike tolerance concepts analysis [AD-A069877] p0665 N79-30179


Comparative analysis of Pa-31-350 Cheiftain (MuLAV) accident and NASA crash test data [NASA-TR-87783] p0713 N79-33176


AIRCRAFT ANTENNAS

RCS reduction of installed aircraft antennas --- Radar Cross Section prediction p0247 A79-24716

Aircraft antenna pattern measurements using near field techniques p0247 A79-24721

A proposed integrated ECM system using the constant index lens antenna p0247 A79-24726

Near-field analysis of helicopter rotating blades modulation interference p0248 A79-25131

A model for calculating the radiation field of microstrip antennas p0315 A79-28822

Low profile polarization cage for VHF antennas p0343 A79-30784

High power DPH slide screw tuner for antenna breakdown measurements p0349 A79-32190
SUBJECT INDEX

AIRCRAFT COMMUNICATION

Performance of graphite epoxy as an antenna ground plane [AD-A058366] p0108 A79-13297

Navstar aircraft serial system. Some initial considerations [DA-E-TR-79-0544] p0225 A79-16103

Study of RADAR no-go antenna test range: Methods of reflection reductions and increased frequency coverage [AD-A065151] p0483 A79-23331


An iterative approach for computing an antenna aperture distribution from given radiation pattern data [AD-A065590] p0490 A79-24217

Microstrip antenna elements for use in hemispherically scanned arrays [AD-A068566] p0557 A79-27366

A helicopter high definition rotor blade radar [AD-A067960] p0566 A79-30207

USP coplanar-slot antenna for aircraft-to-satellite data communications [NRA-TR-79-0231] p0667 A79-31105

Radiation pattern sidelobes and null filling produced by aircraft vibration [AD-A070472] p0710 A79-32422

AIRCRAFT APPROACH SPACING

FAA's development program for Aircraft Separation Assurance /ASA/ [AD-A066665] p0557 A79-13257

The wake Vortexes Advisory System --- used for safe aircraft landing [AD-A070947] p057 A79-12628

Aspects of traffic flow control in the approach region [DGLR PAPER 79-033] p0518 A79-42360

A simulator investigation of roll response requirements for aircraft with rate-command/attitude-hold flight control systems in the landing approach and touchdown [AIAA 75-1679] p0569 A79-45342

An analysis of bolt-hole spacing in aircraft carrier landings [AD-A068565] p0563 A79-29176

Comparison of some methods to determine the delays of landing aircraft with respect to runway capacity [NLR-P-77028-0] p0704 A79-32191

AIRCRAFT BASICS

U MILITARY AIR FACILITIES

AIRCRAFT BRAKES

MT. LEADING EDGE SLATS

NT TRAILING-EDGE FLAPS

NT. WING FLAPS

Friction and wear of carbon-graphite materials for high-energy brakes [AD-A079-679] p0082 A79-16679


Model study of aircraft disk brakes [AD-A079-679] p0465 A79-38816

Elimination of friction induced thermal cracks in landing gear components [NASA CI PAPER 79-009] p0531 A79-43273

Airplane brake-energy analysis and stopping performance simulation [NASA PAPER 79-009] p0694 A79-53870

AIRCRAFT CABINS

U MILITARY AIRCRAFT COMPARTMENTS

AIRCRAFT CARRIERS


Ship motion effects on landing impact loads --- V/STOL landing on aircraft carrier [AIAA 79-0762] p0320 A79-29014


Development of the Navy H-60 Automatic Carrier Landing System designed to give improved approach control in air turbulence [AIAA 79-1727] p0572 A79-45401

The T & E simulator - A comparison with flight test results [AIAA 79-1727] p0572 A79-45401

Aircraft takeoff from a ski-jump platform [NASA T-77-66] p0663 A79-50169

Progress in mathematical modeling of the aircraft operational environment of DD 963 class ships [AIAA PAPER 79-1677] p0688 A79-25269

Testing the F-16 at the US Naval Air Test Center [AD-A058366] p0292 A79-12076


Lift system induced aerodynamics of V/STOL aircraft in a moving deck environment. Volume 2: Static and dynamic jet-induced force and moment data [AD-A062097] p0361 A79-20084

Air pollutant emission factors for military and civil aircraft [PB-292520/4] p0504 A79-25567

An analysis of bolt-hole spacing in aircraft carrier landings [AD-A060585] p0593 A79-29176

AIRCRAFT COMMUNICATION

ARC Communications Addressing and Reporting System /ACARS/ - The data link that got implemented and why [AD-A0054 A79-13082

Ground-air and air-ground communications links - Voice and data link in different systems [AD-A0054 A79-13234

Collision avoidance in an integrated system. I - Advantages of the capability [AD-A0054 A79-13258

The AGDLS - A multipurpose system for in-flight evaluation of new ATC techniques --- Air Ground Data link System [AD-A0054 A79-13264

Expansion of the 960 to 1215 MHz band use - Aspects of traffic control, communication and surveillance - A technical update on satellites for aircraft communication, navigation and identification systems [AD-A0054 A79-13265

Integrated communication, navigation and identification in the 1980's and beyond using low duty distributed time-frequency phase code technology -- for aircraft, helicopters, and other small mobile platforms [AD-A0054 A79-13266

Integrated navigation, traffic control, collision avoidance and communication system - STWAC-C2 [AD-A0054 A79-13267

Spread spectrum modulation. II - Characteristics [AD-A0054 A79-13275

Distributed time division multiple access /TDMA/ - An advanced communication technique with application to CCC and integrated CNI --- Command, Control, Communication and Integrated Communication, Navigation, Identification [AD-A0054 A79-13367

JTEDS modular design to use SAW devices --- Joint Tactical Information Distribution System for aircraft communications [AD-A0054 A79-14247

Bearing errors in the VHF omnirange due to scattering from wires --- in aircraft receiver [AD-A0054 A79-15460

A technical update on satellites for aircraft communication and surveillance [AD-A0054 A79-16169

An estimate of the economic benefit from a communication satellite to oceanic air traffic [AD-A0054 A79-17091

The application of multiplex data transmission techniques to medium sized military helicopters [AD-A0054 A79-18664

The prediction of helicopter crew information requirements [AD-A0054 A79-18665

A Modular C3 concept for air traffic control --- Command Control Communications [AD-A0054 A79-23591
<table>
<thead>
<tr>
<th>Aircraft Compartments</th>
<th>Subject Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Selective calling procedure in air traffic ---</td>
<td>p0250 A79-25369</td>
</tr>
<tr>
<td>flight stress reduction in aircraft-ground voice communication</td>
<td>p0250 A79-25369</td>
</tr>
<tr>
<td>An optical communication system for aircraft</td>
<td>p0280 A79-28034</td>
</tr>
<tr>
<td>Military fiber optics applications</td>
<td>p0280 A79-28040</td>
</tr>
<tr>
<td>Estimate of the noise immunity of a double-PSK mode in communications channels with fading --- for short wave aircraft communication</td>
<td>p0346 A79-31691</td>
</tr>
<tr>
<td>An optical-fiber multisensorial data system for aircraft</td>
<td>p0450 A79-36484</td>
</tr>
<tr>
<td>Some possible applications of identification theory techniques in telemetry --- for aircraft communication</td>
<td>p0451 A79-36589</td>
</tr>
<tr>
<td>Air Force Space Laser Communications</td>
<td>p0465 A79-38706</td>
</tr>
<tr>
<td>The 7-16 NEW program --- Reliability Improvement</td>
<td>p0476 A79-39889</td>
</tr>
<tr>
<td>Application oriented simulation as a tool for the planning of radio beacon systems --- for aircraft communications [DCLR PAPER 79-042]</td>
<td>p0515 A79-42368</td>
</tr>
<tr>
<td>The basic geometric shapes and position lines</td>
<td>p0519 A79-34507</td>
</tr>
<tr>
<td>Handbook of flight communication and radio equipment --- Russian book</td>
<td>p0564 A79-44994</td>
</tr>
<tr>
<td>Adaptive array tradeoffs for existing airborne UHF radios</td>
<td>p0614 A79-88598</td>
</tr>
<tr>
<td>The ATACI-5 beacon interrogator --- Air Traffic Control Beacon Interrogator</td>
<td>p0621 A79-86693</td>
</tr>
<tr>
<td>A report on the Sperry Dome Radar</td>
<td>p0637 A79-49567</td>
</tr>
<tr>
<td>The investigation of aircraft interference problems</td>
<td>p0650 A79-52888</td>
</tr>
<tr>
<td>Some aspects of helicopter communications</td>
<td>p0311 A79-19697</td>
</tr>
<tr>
<td>Nap-of-the-earth communication program for US Army helicopters [AD-106209]</td>
<td>p0490 A79-24232</td>
</tr>
<tr>
<td>UHF coplanar-slot antenna for aircraft-to-satellite data communications [NASA-TM-79298]</td>
<td>p0667 A79-31105</td>
</tr>
<tr>
<td>Performance predictions and trials of a helicopter UHF data link</td>
<td>p0675 A79-31476</td>
</tr>
<tr>
<td>New devices for digital communications in avionics</td>
<td>p0675 A79-31491</td>
</tr>
<tr>
<td>Implementing JTIDS in tactical aircraft</td>
<td>p0676 A79-31491</td>
</tr>
<tr>
<td>Air Craft Component</td>
<td>Operational reliability of climate and pressure control system for passenger aircraft --- Russian book</td>
</tr>
<tr>
<td>The 7-16 environmental control system [ASHE PAPER 78-ENAS-11]</td>
<td>p0027 A79-12560</td>
</tr>
<tr>
<td>Three-dimensional radiative heat-transfer problems with shading --- modeling aircraft compartments thermodynamics</td>
<td>p0028 A79-12784</td>
</tr>
<tr>
<td>The design and fabrication of the de Havilland DHC-7 nose avionics compartment using aramid composites</td>
<td>p0111 A79-17059</td>
</tr>
<tr>
<td>Ignition characteristics of some aircraft interior fabrics</td>
<td>p0126 A79-18302</td>
</tr>
<tr>
<td>Demonstration of potential acoustic gains from conventional cabin soundproofing treatments</td>
<td>p0135 A79-18662</td>
</tr>
<tr>
<td>Cabin noise reduction for the Agusta A-109 helicopter</td>
<td>p0135 A79-18693</td>
</tr>
<tr>
<td>Laboratory fire testing of cabin materials used in commercial aircraft</td>
<td>p0211 A79-24177</td>
</tr>
<tr>
<td>A finite element subvolume technique for structural-borne interior noise prediction --- in aircraft [AIAA PAPER 79-0585]</td>
<td>p0267 A79-26882</td>
</tr>
<tr>
<td>Master Plan for prediction of vehicle interior noise [AIAA PAPER 79-0582]</td>
<td>p0272 A79-26943</td>
</tr>
<tr>
<td>Simultaneous measurements of ozone outside and inside cabins of two 747 airliners and a Gates Learjet business jet</td>
<td>p0276 A79-27571</td>
</tr>
<tr>
<td>Reduction of cabin noise during cruise conditions by stringer and frame damping [AIAA PAPER 79-504]</td>
<td>p0315 A79-28611</td>
</tr>
<tr>
<td>An experimental study of propeller-induced structural vibration and interior noise [SAE PAPER 790625]</td>
<td>p0358 A79-36753</td>
</tr>
<tr>
<td>Special sandwich constructions for the interior of commercial aircraft</td>
<td>p0358 A79-36753</td>
</tr>
<tr>
<td>Non-flammable polyiside materials for aircraft and spacecraft applications [NAA PAPER 79-216]</td>
<td>p0601 A79-53555</td>
</tr>
<tr>
<td>Flammability of cabin furnishing materials --- in airliner interiors</td>
<td>p0693 A79-53722</td>
</tr>
<tr>
<td>The effective acoustic environment of helicopter crewmen</td>
<td>p0604 A79-10850</td>
</tr>
<tr>
<td>Helicopter cabin noise: Methods of source and path identification and characterization</td>
<td>p0604 A79-10856</td>
</tr>
<tr>
<td>A practical approach to helicopter internal noise prediction</td>
<td>p0604 A79-10857</td>
</tr>
<tr>
<td>Helicopter internal noise control: Three case histories</td>
<td>p0604 A79-10858</td>
</tr>
<tr>
<td>The influence of the noise environment on crew communications</td>
<td>p0604 A79-10860</td>
</tr>
<tr>
<td>Development of aircraft lavatory compartments with improved fire resistance characteristics</td>
<td>p0604 A79-10860</td>
</tr>
<tr>
<td>Development of fire-resistant, low smoke generating, thermally stable end items for aircraft and spacecraft</td>
<td>p0604 A79-10860</td>
</tr>
<tr>
<td>Dayton aircraft cabin fire model validation, phase 1 [AD-A055857]</td>
<td>p0606 A79-10850</td>
</tr>
<tr>
<td>Development of aircraft lavatory compartments with improved fire resistance characteristics, phase 1: Fire containment test of a wide body aircraft lavatory module [NASA-CH-152074]</td>
<td>p0096 A79-12151</td>
</tr>
<tr>
<td>Pool fire radiation through a door in a simulated aircraft fuselage [PAA-R-78-38]</td>
<td>p0295 A79-17966</td>
</tr>
<tr>
<td>Ozone Contamination in Aircraft Cabins [NASA-CP-2066]</td>
<td>p0379 A79-21021</td>
</tr>
<tr>
<td>Ozone contamination in aircraft cabins: Objectives and approach</td>
<td>p0379 A79-21022</td>
</tr>
<tr>
<td>Recommendations of the panels: Panel on in-flight measurements</td>
<td>p0379 A79-21022</td>
</tr>
<tr>
<td>Ozone Contamination in Aircraft Cabins: Summary of recommendations</td>
<td>p0380 A79-21023</td>
</tr>
<tr>
<td>Ozone Contamination in Aircraft Cabins: Post workshop review of recommendations</td>
<td>p0380 A79-21023</td>
</tr>
<tr>
<td>Ozone Contamination in Aircraft Cabins, Appendix A: Ozone toxicity</td>
<td>p0380 A79-21027</td>
</tr>
<tr>
<td>Ozone Contamination in Aircraft Cabins, Appendix B: Overview papers. In-flight measurements</td>
<td>p0380 A79-21029</td>
</tr>
</tbody>
</table>
Identification of aircraft parameters in turbulence with non-rational spectral density

In-flight handling qualities investigation of various longitudinal short term dynamics and direct lift control combinations for flight path tracking using DVL BR E 320 variable stability aircraft

Introduction and overview of configurations --- for transonic flows

Single engine, fixed wing general aviation accidents [FBP29753A/61]

AIRCRAFT STRUCTURES

U AIRCRAFT MATERIALS

NT AIRFRAME MATERIALS

Relative behavior of graphite/epoxy and aluminum on fatigue strength of airplanes and modern

The CB-46 rotor blade transition from metal to composite wings technology on the AV-8B advanced

Structural Integrity Recording System for nondestructive inspection of aircraft structures

Recent advancements in elastomorphic products for lightning protection from aircraft

Statistical influence of size and configuration --- on fatigue strength of structural members of transport aircraft

Repair of directionally solidified airfoil components

All weather cockpit canopies. I - The F-16

Future trends in aircraft structural materials

Developments in fire resistant materials in aircraft construction

Recent advances in fire resistant materials in aircraft construction

Lightning protection from aircraft

Composite materials in helicopters

Composite wing technology on the AV-8B advanced aircraft

Gearbox casings of fibre-reinforced plastic for aero engines

The application of reinforced plastics to the emergency repair of aircraft

Investigation of the crash impact characteristics of composite airframe structures [ABS 78-51]

Spacecraft composite structures [ABS 78-52]

Composite wing technology on the AV-8B advanced aircraft [ABS 78-53]

The application of composites to secondary structures [ABS 78-55]

Structural Integrity Recording System for helicopters [ABS 78-57]

Rudder blade lag plane frequency optimization using visco-elastic damping --- for helicopters

Recent advances in elastomorphic products for improving helicopter reliability and maintainability

The CH-46 rotor blade transition from metal to composite structures [ASME Paper 78-WA/AFRO-9]

Fatigue strength of airplanes and modern structural designs [DGLR Paper 78-176]

Statistical influence of size and configuration --- on fatigue strength of structural members of transport aircraft [DGLR Paper 78-181]

Relative behavior of graphite/epoxy and aluminum in a lightning environment --- aircraft safety considerations

Lighting conductive characteristics of graphite composite structures --- for aircraft protection

Composite structure applications for commercial aircraft

Advanced composite fan frame for the Quiet Clean Short-Haul Experimental Engine /QCESS /

Thermochemical characterization of some thermally stable thermoplastic and thermostet polymers [FBP29753A/61]

Structural design, tooling and manufacturing of a composite TF-16 forward fuselage

Temperature/humidity criteria for advanced composite structures

Fabrication research for supersonic cruise aircraft

The design and fabrication of the de Havilland DHC-7 nose avionics compartment using aramid composites

Development of a multitubular spar composite main rotor blade

Nondestructive inspection of aircraft structures and materials via acoustic emission

New construction materials for gas turbine engines and technology for processing these materials

Lightning protection from aircraft

Basic problem of controlling non-Newtonian fluid flow in roll clearance --- roll forcing of aircraft plastics

Composite materials in helicopters

Fibre-composite reinforcement of cracked aircraft structures Thermal-stress and thermal-fatigue studies

Gearbox casings of fibre-reinforced plastic for aero engines

The design and fabrication of the de Havilland DHC-7 nose avionics compartment using aramid composites

Development of a multitubular spar composite main rotor blade

New construction materials for gas turbine engines and technology for processing these materials

Cabs 78-711 p0124 879-18178

CABS 78-712 p0124 879-18175

AIRCRAFT STRUCTURES

U AIRCRAFT MATERIALS

NT AIRFRAME MATERIALS

Relative behavior of graphite/epoxy and aluminum on fatigue strength of airplanes and modern

The CB-46 rotor blade transition from metal to composite wings technology on the AV-8B advanced

Structural Integrity Recording System for nondestructive inspection of aircraft structures

Recent advancements in elastomorphic products for lightning protection from aircraft

Statistical influence of size and configuration --- on fatigue strength of structural members of transport aircraft

Repair of directionally solidified airfoil components

All weather cockpit canopies. I - The F-16

Future trends in aircraft structural materials

Developments in fire resistant materials in aircraft construction

Recent advances in fire resistant materials in aircraft construction

Lightning protection from aircraft

Composite materials in helicopters

Composite wing technology on the AV-8B advanced aircraft

Gearbox casings of fibre-reinforced plastic for aero engines

The application of reinforced plastics to the emergency repair of aircraft

Investigation of the crash impact characteristics of composite airframe structures [ABS 78-51]

Spacecraft composite structures [ABS 78-52]

Composite wing technology on the AV-8B advanced aircraft [ABS 78-53]

The application of composites to secondary structures [ABS 78-55]

Structural Integrity Recording System for helicopters [ABS 78-57]

Rudder blade lag plane frequency optimization using visco-elastic damping --- for helicopters

Recent advances in elastomorphic products for improving helicopter reliability and maintainability

The CH-46 rotor blade transition from metal to composite structures [ASME Paper 78-WA/AFRO-9]

Fatigue strength of airplanes and modern structural designs [DGLR Paper 78-176]

Statistical influence of size and configuration --- on fatigue strength of structural members of transport aircraft [DGLR Paper 78-181]

Relative behavior of graphite/epoxy and aluminum in a lightning environment --- aircraft safety considerations

Lighting conductive characteristics of graphite composite structures --- for aircraft protection

Composite structure applications for commercial aircraft

Advanced composite fan frame for the Quiet Clean Short-Haul Experimental Engine /QCESS /

Thermochemical characterization of some thermally stable thermoplastic and thermostet polymers [FBP29753A/61]

Structural design, tooling and manufacturing of a composite TF-16 forward fuselage

Temperature/humidity criteria for advanced composite structures

Fabrication research for supersonic cruise aircraft

The design and fabrication of the de Havilland DHC-7 nose avionics compartment using aramid composites

Development of a multitubular spar composite main rotor blade

Nondestructive inspection of aircraft structures and materials via acoustic emission

New construction materials for gas turbine engines and technology for processing these materials

Lightning protection from aircraft

Basic problem of controlling non-Newtonian fluid flow in roll clearance --- roll forcing of aircraft plastics

Composite materials in helicopters

Fibre-composite reinforcement of cracked aircraft structures Thermal-stress and thermal-fatigue studies

Gearbox casings of fibre-reinforced plastic for aero engines

The design and fabrication of the de Havilland DHC-7 nose avionics compartment using aramid composites

Development of a multitubular spar composite main rotor blade

New construction materials for gas turbine engines and technology for processing these materials

Cabs 78-711 p0124 879-18178

CABS 78-712 p0124 879-18175

INDEX
Certification of composites in civil aircraft [ABS 79-43]  p0632 A79-49095
Direct effects, protection methods for skin/composites — lighting protection for aircraft  p0683 A79-51104
Study to develop improved fire resistant aircraft passenger seat materials, phase 2 [NASA-CS-155198]  p0895 N79-12046
Behavior of nonmalleable materials in shell oil derived jet fuels and in high aromatic and high sulfur petroleum fuels — compatibility of aircraft materials to fuels [AD-A060322]  p0161 N79-15203
Pressure modeling of vertically burning aircraft materials [EC78-8T-29]  p0238 N79-16932
A feasibility study for development of structural aluminum alloys from rapidly solidified powders for aerospace structural applications [AD-A061428]  p0238 N79-16958
Design of heavy sections — fracture mechanics of plate or forged airframe components Dynamic behavior of aircraft materials [AD-A064592]  p0620 N79-22078
Analysis of the mechanical properties of rigid foams with particular consideration of a rigid polyether structural foam [80-229]  p0641 N79-23227
Environmental exposure effects on composite materials for commercial aircraft [NASA-CS-149816]  p0585 N79-28232
High performance composites and adhesives for V/STOL aircraft [AD-A065617]  p0661 N79-30332
AIRCRAFT CONTROL
FT HELICOPTER CONTROL
Flight and propulsion control integration for selected in-flight thrust vectoring modes [ASME PAPER 78-67-79]  p0008 A79-10768
The Wright brothers' flight-control system — canard configuration Method of eliminating static and dynamic errors in the reproduction of motion of TV-simulator displays — for aircraft flight Desensitizing constant gain feedback linear regulators Active control — aircraft systems Man-machine interface — aircraft control and displays Onboard navigation and flight control integrated system architecture Considerations on the design of warning systems — for aircraft flight malfunctioning Study of the integration of active control elements in the high lift system of a transport aircraft into maneuver control, gust-load control, and direct control of lift [DGLE PAPER 78-111]  p0060 A79-14069
Analytic design of airplane automatic pitch controller An information matrix approach for aircraft parameter- insensitive control — for C-5A wing loading alleviation Information distribution in distributed microprocessor based flight control systems Comparative study between two different active flutter suppression systems Fly-by-wire for vertical lift [ABS 79-14]  p0081 A79-16895
Definition and analytical evaluation of a power management systes for tilt-rotor aircraft [ABS 78-49]  p0129 A79-18171
The Tri-Pan V/STOL propulsion/control concept [AIAA PAPER 79-0121]  p0182 A79-19546
The evolution of fly-by-wire control techniques in the UK  p0152 A79-20081
Problems raised by the application of the natural stability reduction concept to transport aircraft  p0155 A79-20117
Optoelectronic devices for flight vehicle control systems — Russian book  p0185 A79-20665
P-16 high-alpha flight control characteristics and control system concept [AIAA PAPER 78-0403]  p0203 A79-23577
The impact of the total lightning environment on aircraft flight control systems  p0249 A79-25319
SIFT — Design and analysis of a fault-tolerant computer for aircraft control — Software Implemented Fault Tolerant systems  p0252 A79-25718
Control system time response optimization — A nonlinear programming approach — for aircraft flight [AIAA PAPER 78-0540]  p0253 A79-25859
Redundant control systems for flight vehicles — Russian book  p0126 A79-25875
P-16 high angle of attack testing Flight testing the F16 Development of the L-1011 Flight Management System  p0220 A79-26530
Recent developments in active control technology — for fighter aircraft design [AIAA 79-0708]  p0277 A79-27368
Design, development, and testing of an active flutter margin augmentation system for a commercial transport airplane [AIAA 79-0790]  p0322 A79-29038
Design maneuver loads for an airplane with an active control system [AIAA 79-0738]  p0323 A79-29049
Design benefits from V/STOL control/display simulation program at Lockheed  p0331 A79-29479
An L-22A flight experiment to investigate control-display requirements for the AT-88 V/STOL aircraft Flight dynamics /2nd revised and enlarged edition/ — Russian book on aircraft stability and control  p0345 A79-31491
Modeling helicopter flight dynamics — Russian book  p0346 A79-31492
Modeling the sensitivity of a linear system to a decrease in its order by the method of logarithmic transformation in the problem of yaw control  p0348 A79-32040
The results of synthesizing and evaluating potential solutions for Multi-Function Tactel Reference Assembly /MTRA/ candidate configurations — for transport and fighter aircraft  p0448 A79-36082
Spin flight research summary [SAE PAPER 790565]  p0452 A79-36706
Selection of aircraft turbocharger systems [SAE PAPER 790608]  p0456 A79-36739
An aircraft simulation using a product of exponentials as a neutralizer  p0466 A79-38885
Flight control. II — Control system design — German book  p0507 A79-40155
Fly-by-light  p0533 A79-43458
Gust alleviation using direct turbulence measurements [AIAA 79-1674]  p0568 A79-45339
Gust alleviation — Criteria and control laws [AIAA 79-1676]  p0569 A79-45340
AIRCRAFT DESIGN CONTD

(AIAA PAPER 79-0075) 0160 A79-19520
Design of transonic airfoil sections using a
similarity theory

(AIAA PAPER 79-0076) 0140 A79-19521
An efficient algorithm for numerical airfoil
optimization

(AIAA PAPER 79-0079) 0140 A79-19523
U.S. aeroprop industry opinion of the effect of
computer-aided prediction-design technology on
future wind-tunnel test requirements for
aircraft development programs

(AIAA PAPER 79-0107) 0141 A79-19534
The evaluation and use of flying qualities
considerations in conceptual design

(AIAA PAPER 79-0231) 0148 A79-19611
A multi-disciplinary approach to structural design
for stochastic loads

(AIAA PAPER 79-0238) 0149 A79-19613
Advances in supersonic configuration design methods

(AIAA PAPER 79-0239) 0149 A79-19672
Fatigue strength of airplanes and modern
structural designs

(DGLR PAPER 78-176) 0151 A79-20018
Thoughts on the future of military aviation. 1

(DGLR PAPER 78-184) 0151 A79-20025
The role of wind tunnels in future aircraft
development

(DGLR PAPER 78-194) 0151 A79-20077
International Memorial Lecture/

The evolution of fly-by-wire control techniques in
the UK

0152 A79-20081
Benefits of spanwise blowing at transonic speeds
(TORPA, TP NO. 1978-98)

0152 A79-20082
Recent advances in convectively cooled engine and
airframe structures for hypersonic flight

0153 A79-20067
Application of computational aerodynamics methods
to the design and analysis of transport aircraft

0153 A79-20099
Recent applications of advanced computational
methods in the aerodynamic design of transport
aircraft configurations

0153 A79-20100
Evaluation and analysis of computations and
experiments for transonic wing body configurations

0154 A79-20105
Problems raised by the application of the natural
stability reduction concept to transport aircraft

0155 A79-20117
The role of fluid mechanics in aviation technology

0183 A79-20477
Research and development in the area of fluid
mechanics and aerodynamics in the Federal
Republic of Germany

(DGLR PAPER 78-221) 0183 A79-20481
To the problem (insulating and airfoil-shape)
optimization of the supersonic compressor cascade

0185 A79-20566
Projected aircraft systems development

(AAS PAPER 78-194) 0185 A79-21278
Towards a realistic structural analysis/design
system --- computerized aircraft design

0199 A79-22946
Computational aerodynamics development and outlook

(AIAA Paper 79-0129) 0200 A79-23515
Computational optimization and wind tunnel test of
transonic wing designs

(AIAA PAPER 79-0190) 0200 A79-23526
Advanced weapon carriage concepts through
integrated design --- for aircraft

(AIAA PAPER 79-0142) 0201 A79-23534
Computational transonic design procedure for
three-dimensional wings and wing-body combinations

(AIAA PAPER 78-0215) 0202 A79-23552
Introducing cost effectiveness into the tactical
airplane design cycle in a cost effective manner

(AIAA PAPER 79-0213) 0203 A79-23568
F-16 high-alpha flight control characteristics and
control system concept

(AIAA PAPER 79-0265) 0203 A79-23577
Longhorns into service --- Learjet 28/29
structures and performance capabilities

Fundamentals of design. I - 'wings' and
'wherefores' of wings

0251 A79-25485

SUBJECT INDEX

Technology for future air transports
(AIAA PAPER 79-0729) 0253 A79-25853
General aviation aircraft in the 1990's
(AIAA PAPER 79-0560) 0254 A79-25866
Damage-tolerant design applications to transport
aircraft structures
(SAP PAPER 78-1021) 0256 A79-25896
Trade-offs encountered with an interactive
airframe life/cycle-cost model
(SAP PAPER 78-1033) 0257 A79-25905
V/STOL aircraft engine and mechanical drive
component integration
(SAP PAPER 78-1038) 0258 A79-25906
Use of radio controlled models in the conceptual
development of V/STOL aircraft
(SAP PAPER 78-1050) 0258 A79-25915
F-16 high angle of attack testing
(SAP PAPER 78-26527)

F-18 status report
(SAP PAPER 79-0259)

The continuity factor in aircraft development
(SAP PAPER 79-02633)

The application of computer aided techniques to
project design --- for aircraft
(SAP PAPER 79-0267)

Theoretical lower limits of forebody drag
(SAP PAPER 79-02693)

Design specifications for the canted balloons with
special reference to their survival in the
equatorial tropopause
(SAP PAPER 79-0426) 0262 A79-26355
Development of modern airfoil sections for high
subsonic cruise speeds
(SAP PAPER 79-0867) 0275 A79-27353
Design against fatigue - Current trends --- for
aircraft structural reliability
(SAP PAPER 79-0869) 0275 A79-27355
New technology in commercial aircraft design for
minimum operating cost
(SAP PAPER 79-0690) 0275 A79-27356
Transonic wing design for transport aircraft
(SAP PAPER 79-0692) 0275 A79-27357
Comparison between economic concerns and
application of new technologies in the
definition of a new airplane project
(SAP PAPER 79-0693) 0276 A79-27358
Advanced supersonic technology and its
implications for the future
(SAP PAPER 79-0696) 0276 A79-27359
How to get the world airborne --- market research
and aircraft design for air transportation in
developing countries
(SAP PAPER 79-0695) 0276 A79-27360
Supersonic combat aircraft design
(SAP PAPER 79-0699) 0276 A79-27363
Future advanced technology rotorcraft
(SAP PAPER 79-0719) 0276 A79-27366
Some new approaches for wind-tunnel testing
through the use of computers
(SAP PAPER 79-0707) 0277 A79-27367
Recent developments in active control technology
--- for fighter aircraft design
(SAP PAPER 79-0708) 0277 A79-27368
Enhanced capabilities of future fighters as a
result of HIRAT
(SAP PAPER 79-0699) 0277 A79-27370
SDM lecture - Introduction of new SDM technology
into production systems --- Structures, Dynamics
and Materials technology in aircraft design
(SAP PAPER 79-0719) 0282 A79-28252
Aeroelastic tailoring studies in fighter aircraft
design
(SAP PAPER 79-0725) 0282 A79-28257
Changing criteria in military aircraft design
/67th Wilbur and Orville Wright Memorial Lecture/
(SAP PAPER 79-0708) 0282 A79-28257
The method of discrete vortices --- for steady
flow past finite-span wing
(SAP PAPER 79-0725) 0316 A79-28846
The influence of propeller design parameters on
far field tonal noise in forward flight
(SAP PAPER 79-0699) 0317 A79-28959
Aerocoustic design of the Prop Fan
(SAP PAPER 79-0610) 0317 A79-28960
Flutter speed degradation of damaged, optimised
flight vehicles
(SAP PAPER 79-0795) 0317 A79-29038
Accelerated basic loads analysis --- improved
computer systems programming approach for
First flight imminent for new technology wing

Can Europe choose a common fighter

Slender wings for civil and military aircraft

Nuclear aircraft innovations and applications

Possibilities and limits of the application of estimation methods for development costs and equipment unit prices of flight systems in preliminary design, planning, and evaluation tasks

Survey of the cost estimation process used during the transporter design stage --- military aviation

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Tethered telecommunications, broadcast, and monitoring systems

Recent advances in fire resistant materials in aircraft construction

Allowable notch effectiveness criteria for aircraft structures

Fundamentals of design. II - VTOL for combat aircraft

Fundamentals of design. III - V-G for combat aircraft

Parameter and state estimation applicable to aircraft identification problem

Modern concepts for design of delta wings for supersonic aircraft of second generation --- for drag reduction


Application of the equilibrium spin technique to a typical low-wing general aviation design

Parallel procedures for aircraft parameter identification and state estimation

Impact of digital computer technology on flight systems

An analysis of operational procedures and design modifications for aircraft fuel conservation

Opportunities for supersonic performance gains through non-linear aerodynamics

Solution of the inverse aerodynamics problem by the random search method

Selecting the passenger airplane fuselage

Development of V/STOL aircraft - 1950 to 1970

V/STOL Technology - Where do we stand

Coxspan Cope airframe design history

Banned strategic system concepts 1990-2000

Identifying desirable design features for the C-XI aircraft - a systems approach

Design of advanced titanium structures --- for Advanced Tactical System aircraft fuselage

Historical development of worldwide supersonic aircraft

From HLAT to future fighters --- Highly Maneuverable Aircraft Technology assessment

Radar cross section fundamentals for the aircraft designer

All electric subsystems for next generation transport aircraft

Exploratory study of the influence of wing leading-edge modifications on the airfoil characteristics of a low-wing single-engine general aviation airplane

Design of the circulation control wing STOL demonstrator aircraft

Geometric data transfer --- for computerized aircraft engineering drawings

Engineering and manufacturing communication via the computer data base

CADAM data handling from conceptual design through production support

Linear flow stabilization by surface cooling on hydrogen fueled aircraft

High-performance wings with significant leading-edge thrust at supersonic speeds

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Role of Numerical Control Design in the computer aided design/manufacturing interface at Sikorsky

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Aerodynamics for engineers --- Book

Protection methods for hardware --- lightning protection for aircraft components

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The design impact of power-augmented ram technology on large energy efficient aircraft

Nozzle design and integration in an advanced supersonic fighter
AIRCRAFT DETECTION

Characteristics of the advanced supersonic technology AST-105-1 configured for transspecific range with a Pratt and Whitney aircraft variable strem control engines.

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The ultralight sailplane. Weapon/aircraft interactions.

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AIRCRAFT DEFLECTION


JTIDS modular design to use SAT devices --- Joint Tactical Information Distribution System for aircraft communications.

Multiple laser tracker/operations.

Dependence of track quality on the number of radar sensors --- air traffic control.

Aircraft noise identification system by correlation technique.

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The alpha-beta-gamma tracking filter in the Z-domain --- in aircraft tracking.

Ellipsoidal modeling of aircraft targets for evaluation of electronic fusion systems implications of active controls.

Apparatus for measuring an aircraft's speed and altitude.

Compound helicopters: Coaxial rotors and coaxial rotors --- for future medium lift and transport.


AIRCRAFT ENGINES

HT HELICOPTER ENGINES

HT-5-65 ENGINE

HT-63 ENGINE

HT TF-10 ENGINE

HT TF-34 ENGINE

HT TF-41 ENGINE

HT VARIABLE CYCLE ENGINES

The effect of aircraft engine pollutant emission measurement variability on engine certification policy.

The effects of ambient conditions on gas turbine emissions - Generalized correction factors.

Cut-off of advanced low NOx aircraft gas turbine combustors.

Techniques to automate trim balancing and vibration diagnostics.

An evaluation technique for determining the cost-effectiveness of condition monitoring systems.

Time-phased development methodology - The key for reliable engines in future military aircraft.

Military engine usage monitoring developments in the United Kingdom.

Powerplant integration - The application of current experience to future developments.

Wide range operation of advanced low NOx aircraft gas turbine combustors.

An evaluation technique for determining the cost-effectiveness of condition monitoring systems.

Time-phased development methodology - The key for reliable engines in future military aircraft.

Making turbofan engines more efficient.

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Experimental techniques used to evaluate propulsion integration of a supersonic cruise configuration of the Boeing C-1477.

Estimation of reliability from multiple advanced composite fan frame for the Quiet Clean Fuel conservative aircraft engine technology.

Auxiliary gas turbine engines for aircraft propulsion systems interference effects on the strike-fighter.

Progress on the ENSIP approach to improved operational requirements --- for aircraft gas turbine engines.

Control problems and problems of their development from the viewpoint of technological and operational requirements --- for aircraft gas turbine engines.

Certain problems which had to be solved between the prototype stage and mass production stage in the development of an engine engine tests.

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New technologies as basis for development of propulsion systems for future fighter aircraft.

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Assembly and repair of aircraft engine parts using pulsed TAG lasers.

Applications of DS composites in aircraft gas turbines --- directional solidification.

Laser aircraft propulsion.

Laser-powered aircraft and rocket systems with laser energy relay units.

Parametric method for diagnosing the state of aircraft engines on the basis of limited information.

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The Tri-Fan V/STOL propulsion/control concept.

Definition of electronic engine control environment for an advanced aircraft engine.

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A cumulative fatigue damage model for gas turbine engine discs subjected to complex mission loading.

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Auxiliary gas turbine engines for aircraft propulsion.

Advanced composite fan frame for the Quiet Clean Short-Haul Experimental Engine.

Propulsion integration of a supersonic cruise strike-fighter.

Experimental techniques used to evaluate propulsion system interference effects on the cruise configuration of the Boeing C-10.

Estimation of reliability from multiple independent grouped censored samples with failure times known.

Discrete time slice simulation of replacement requirements --- for aircraft engines.

Suction fuel supply systems for turbine powered general aviation aircraft.

Engine technology for production turbofan engines.

Causes for the deterioration of splined connections in aircraft engines during service.

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NASA research on general aviation power plants.

Planning the development and qualification process for the next generation of high technology aircraft engines.

Requirements and constraints in the development and qualification of gas turbine engines for the Navy.

Life Cycle Cost in advanced technology engine development.

Applying design-to-life cycle cost methods during engine advanced development.

Trade-off studies with an interactive engine/airframe life-cycle-cost model.

V/STOL aircraft engine and mechanical drive component integration.

An unstable subsonic critical speed solution --- of shaft failures in P-16 engine start system.

Small fan-jet engines --- for business aircraft.

The U-2 story.

Thermal cycling endurance problems in gas-turbine parts.

Comparison of BSJES and TIF characteristics in supersonic cruising flight --- Bypass Turbojet Engine.

Convective heat exchange of gas-particle streams in flow passage of throttling device with vane-type turning element.

Intensiﬁcation of fuel vaporization in aircraft gas turbine engines by electrical forces.

A decision theory model for health monitoring of aeroengines --- metal particles in lubricating oils as wear indicator.

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Method of determining precipitates formed during use and storage of synthetic oils --- for supersonic aircraft gas turbine engines.

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A critical-review of performance monitoring systems on the basis of the experience obtained from routine applications for aircraft engines.

A technique for engine maintenance cost forecasting.

Effect of broadened-speciﬁcation fuels on aircraft engines and fuel systems.

A new technique to compute installed jet engine thrust - Application to trimming for economic and operational benefits.

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Engine induced structural-borne noise in a general aviation aircraft

Wind tunnel performance of four energy efficient propellers designed for Bach 0.8 cruise

Effects of air injection on a turbocharged Continental Rotors TS510-360C engine

The evaluation of the weight of engine installations on transport aircraft

A method of reducing aircraft turbine blade vibrations

The multi-application core engine - Sizing and usage criteria --- high-pressure rotors in jet engines

The selection of materials technologies for full-scale development --- aircraft engine applications

Fault-tolerant, high reliability electronic engine control system

A European view on gas turbine engine monitoring of present and future civil aircraft

Aircraft engine emissions are under continuing surveillance

Aircraft auxiliary power systems

A method of reducing aircraft turbine blade vibrations

A new application core engine - Sizing and usage criteria --- high-pressure rotors in jet engines

The evaluation of the weight of engine installations on transport aircraft

A review of Curtiss-Wright rotary engine developments with respect to general aviation potential

Effect of flight loads on turbofan engine performance deterioration

The NASA Aircraft Energy Efficiency program

A basic problem in the analytical designing of aircraft gas turbine engines

Starting torque characteristics of small aircraft gas turbines and engines

Nuclear Brayton system for aircraft propulsion

An analysis of aerocraft fan flutter using twin orthogonal vibration modes

Oil squeeze films dampers for reducing vibration of aircraft gas turbine engines

A review of small gas turbine combustion system development

Characteristic time correlations of pollutant emissions from an annular gas turbine combustor --- for aircraft engines

The powered glider, SZR-458 Ogar

Damping capacity of paired shrouded turbine blades in relation to shroud contact conditions

Industry seeks lighter aircraft weight --- aircraft design performance

Manufacturers developing fuel-efficient engines

Optimal selection of the geometrical characteristics of the reversing channel of a small-scale turbine with readmission of the gas --- for aircraft auxiliary power systems

Effectiveness of readmission of the gas in high-pressure-ratio small-scale turbines --- for aircraft auxiliary power systems

Preliminary QC/AT program test results --- Quiet, Clean General Aviation Turbines

Concepts for reducing exhaust emissions and fuel consumption of the aircraft piston engine

Selection of aircraft turbocarger systems

Determination of cooling air mass flow for a horizontally-opposed aircraft engine installation

Neutron technologies for general aviation aircraft

Rolls-Royce RB-41-07 turbofan engine for business aircraft in the 1980's

Aerodynamics of engine air intakes

The future shape of medium and long-range civil engines

The evaluation of the weight of engine installations on transport aircraft

A method of reducing aircraft turbine blade vibrations

The multiple application core engine - Sizing and usage criteria --- high-pressure rotors in jet engines

The selection of materials technologies for full-scale development --- aircraft engine applications

Cost benefits from improved hot section life prediction technology --- for aircraft engine combustor and turbine parts

General aviation turbine engine GATE/ concepts

Aircraft engine design using experimental stress analysis techniques

A European view on gas turbine engine monitoring of present and future civil aircraft

Fault-tolerant, high reliability electronic engine control system

Application of digital controls on the quiet clean short haul experimental engines

Electric propulsion for high performance light aircraft

Contribution to the development of motor emission regulations

Payback period - An engineering cost/benefit method --- for aircraft engines

New techniques in jet engine balancing

Evaluation of turbo-propulsion simulators as a testing technique for fighter aircraft

Development of materials and processes for engine components - Current and future points of interest

CPMSE - An act of cooperation, a new class of engine, a path towards the aeronautics of tomorrow

Influence of delay time and dead time on wind shear landings

'Throttle control for airships'

Measuring the moment imparted by a liquid pump in startup regime

Through-heating of chambers with regenerative cooling --- for aircraft engines

Statistical diagnostics of aircraft engines

Nozzles for vectored thrust jet engines

Fuels, lubricants and other fluids used in aviation

Russian book
MT RADIO ALTIMETERS
MT RADIO DIRECTION FINDERS
MT SPEED INDICATORS

The electronic flight deck

Flying angle of attack

Performance analysis of a particularly simple Kalman filter --- for straupdown inertial navigation system

Better utilization of SAR dynamic range --- airborne display capacity improvement

Man-machine interface --- aircraft control and displays

Cat III landing operations at Air Inter --- instrument landing system

System for confirming ILS or MLS for Cat III type landing without decision height

New-generation Tacan equipment

The effectiveness of pilot warning instruments - An engineering model based upon flight test data

Preventing helicopter mid-air collisions with the proximity warning device

Acousto-optic methods of character generation for aircraft laser displays

Cockpit displays for advanced navigation - Circe 2000

Integrated computer-display system for modern anti-tank/combat helicopters

Lessons learned from the AN/ARC-164 test program --- airborne radio transceiver thermal cycling test

Development of a solid state vertical instrument display system --- for helicopters

[ AHS '78-18 ]

Microprocessor control of aircraft ECM

Sodar and aircraft measurements of turbulence parameters within cooling tower plumes

Simultaneous measurements of turbulence in the lower atmosphere using sodar and aircraft

Overestimates of entrainment from wetting of aircraft temperature sensors in cloud

Flight deck alarm systems

Avionics systems needed to optimize V/SOL potential

TASAR, a thinned adaptive synthetic aperture radar

New airborne display concepts

Study of the structure of an integrated system of flight control, navigation, and display

Tests of an integrated piloting, navigation, and display system

Dynamic response analysis of an F-15 Fast Pack optical system installation --- structural vibration under flight environment

[ AIAA 78-0788 ]

Interactive microprogrammable control display unit /IMP CDU/ --- LEDs in aircraft cockpits

Displays for Army combat aviation

Calibration and use of a sailplane variometer to measure vertical velocity fluctuations

A new high product rate 10 nanosecond, 256 point correlator --- for weapon systems applications and fluid mechanics research

F-18 - A special report

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Tachyoscopical testing of onboard instruments

Display monitoring problems --- for aircraft pilots

Theoretical principles of long range navigation systems.

Onboard methods for increasing landing approach capacity upon introduction of MLS

New onboard structure of display and control system for piloting and air traffic control

New paths for the development of aircraft equipment opened up by the use of modern computer technology --- digital systems for civil aviation

Prospects for airborne computer systems

Quasi-autonomous navigation system --- for aircraft position indication

Some possibilities for the navigation of small passenger aircraft

Navigation instruments for small passenger aircraft of the 1980s

Compass system for small aircraft

Use of a gyroscope with adjustable torsion suspension in precise gyroscopic sensors

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Handbook of flight communication and radio equipment --- Russian book

A cheap, effective icing detector for general aviation aircraft

The application of pulsed 'Q' band radio altimeters to modern military aircraft

Automated tracking for aircraft surveillance radar systems

ARPA takeoff performance flight test program --- Advanced Range Instrumented Aircraft

An evaluation of nose display parameters for an advanced landing display

Windbear indication systems

Evaluation of aircraft equipment monitoring devices, procedures, and techniques [ AD-4059846 ]

Failure modes and redundancy analysis for the Multifunction Inertial Reference Assembly (MIRA) [ AD-406149 ]

LED instrument approach instruction display [ NASA-TR-78023 ]

Evaluation of the Ryan Stormscope as a severe weather avoidance system for aircraft

GASP-PL/I simulation of integrated avionic system processor architectures [ NASA-CR-159248 ]

Digital data acquisition system for use in aircraft engine condition monitoring [ ARL-MEC-302-REP-151 ]

Evaluation of selected sub-systems, EMC test report [ ASEIS-77/16-4 ]

Implementation of flight control in an integrated guidance and control system

Reliability improvement warranty terms and conditions for the Integrated Avionics Control
Feasibility evaluation of advanced eddy current inspection equipment for use in Naval aviation maintenance environment [AD-A060076] p0168 79-14401
Development of a systematic technique for analyzing the effectiveness of aircraft class 4 modifications [AD-A060551] p0172 79-15033
Correlation study between vibrational environmental and failure rates of civil helicopter components [NASA CR-159033] p0132 79-23064
Evaluation of new bonding systems for deceleration maintenance of aircraft honeycomb panels [AD-A066177] p0488 79-24161
RBM projections for aircraft rotor blades [AD-A068822] p0550 79-27130
Small turbine engine integration in aircraft installations p0554 79-27170
Bolted field repair of composite structures --- repairing fuel cell composite wing surfaces [AD-A067923] p0585 79-28236
Maintenance cost study of rotary wing aircraft, phase 2 [NASA CR-152291] p0649 79-30138
Nava l air craft operating and support cost-estimating model, FY 1977 revision [AD-A068175] p0649 79-30140
Maintenance improvement: An analysis approach including inferential technical data --- naval aircraft [AD-A068382] p0649 79-30141
Technology trends and maintenance workload requirements for the E-7, P-4, and F-16 aircraft [AD-A070036] p0701 79-32153
AIRCRAFT MANEUVERS Structural design flight maneuver loads using PDP-10 flight dynamics model [AD-A100146] p0013 79-10905
The air combat maneuvering range /ACRN/ , a new approach to aircrew training p0053 79-13220
Aerodynamic characteristics of combat aircraft at large angles of attack [DGLR PAPER 78-113] p0061 79-14071
ACRN system --- EIC Combat Maneuvering Range/Instrum entation p0064 79-14233
A relative motion analysis of horizontal collision avoidance p0065 79-14410
High angle of attack flight control using stochastic model reference adaptive control [AD-A070150] p0070 79-15020
Evaluation of a method to extract performance data from dynamic maneuvers for a jet transport aircraft p0155 79-20118
A simulator study of aircraft ground-run handling in the Fonsin Research Simulator — Some results and experiences p0259 79-26498
Statistical analysis of aircraft maneuvering data [ASA 79-20013] p0319 79-29013
Design maneuver loads for an airplane with an active control system [AIAA 79-0741] p0323 79-29049
Aircraft wake flow effect and horizontal tail buffet --- pressure distribution and responses of fighter aircraft in transonic maneuver [NASA CR-3048] p0338 79-30482
Maneuver handling in a multiradar, a.c.t. system p0512 79-41176
Investigation of different system configurations for a TMA navigation system taking special account of traffic load and channel requirements [NASA CR-3145] p0572 79-31222
AIRCRAFT MODELS The role of flight dynamic modeling in helicopter certification [SAE PAPER 780550] p0005 79-10409

SUBJECT INDEX

[DGLR PAPER 79-039] p0519 79-42365
Fundamentals of navigation in the terminal maneuvering area p0521 79-42377
The extremal trajectory map - A new representation of combat capability [AIAA 79-1622] p0556 79-45304
Numerical computation of optimal evasion maneuvers for a realistically modeled airplane pursued by a missile with proportional guidance [AIAA 79-1624] p0556 79-45306
Aircraft maneuvering enhancement during IRS inertial alignment [AIAA 77-1706] p0570 79-45360
An introduction to co-kill probability estimation in the M on M encounter — during combat aircraft maneuvers [AIAA 79-1729] p0571 79-45373
Earth-Referenced Maneuvering Flight Path Display [AIAA 79-1606] p0573 79-45421
Analysis of optimal loop and split-S by energy state modeling p0602 79-47009
An improved method for low altitude flight testing --- of military cargo aircraft [AIAA PAPER 79-1812] p0606 79-47905
Nonlinear decoupled control synthesis for maneuvering aircraft [AIAA 79-47959]
Aircraft longitudinal motion at high incidence p0612 79-48052
Small signal compensation of magnetic field results from aircraft maneuvers p0638 79-49605
Considerations in the analysis of flight test maneuvers p0645 79-50433
Thrust vectoring applied to aircraft having high wing loading [AIAA PAPER 79-1812] p0648 79-51246
Vehicle motion sensitivity to dynamic stability derivatives [AIAA PAPER 79-1621] p0648 79-52496
The effect of operations on the ground noise footprints associated with a large multiaxial, nonbanging helicopter p0604 79-10851
A study of longitudinal controllability and stability requirements for small general aviation airplanes [AD-A060067] p0775 79-15958
Identification of key maneuver-limiting factors in high-angle-of-attack flight p0780 79-15906
Highly maneuverable aircraft technology --- remotely piloted research vehicle p0236 79-16871
Principles of helicopter performance [AD-A061671] p0303 79-18970
Target marker placement for dive-toss deliveries with wings non-level p0354 79-20023
Energy maneuverability display validation --- F-16 aircraft [AFDRL TR-78-35-TOI-1] p0384 79-23947
Proceedings of AFPII Flying Qualities Symposium [AD-A066493] p0384 79-24962
The calculation of optimal aircraft trajectories [RP-78121] p0501 79-26051
A study of the application of singular perturbation theory — development of a real time algorithm for optimal three dimensional aircraft maneuvers [NASA CR-3167] p0564 79-30194
A compilation and analysis of helicopter handling qualities data. Volume 2: Data analysis [NASA CR-3145] p0672 79-31222
Light propeller aircraft noise
[OPRA, TP No. 1979-56] p0049 A79-34500

The derivation of a thickness noise formula for the far-field by iso -- applied to helicopter
rotors p0041 A79-34504

Propeller aircraft noise around general aviation
airports [SAEPAPER 79055A] p0045 A79-36728

An experimental study of propeller-induced
structural vibration and interior noise [SAEPAPER
790625] p0045 A79-36753

Engine-induced structural-borne noise in a general
aviation aircraft [SAEPAPER 790626] p0045 A79-36754

Summary of noise reduction characteristics of
typical general aviation materials [SAEPAPER
790627] p0045 A79-36755

Designing with damping materials to reduce noise
and structural fatigue -- of aircraft components
[SAEPAPER 790631] p0045 A79-36756

A study of the evolution of noise exposure under
different hypotheses of regulation [OPRA, TP No.
1979-48] p0047 A79-39093

Assessment of full scale of nozzle/wing geometry
effects on OTW aeroacoustical characteristics
Over the Wing STOL engine configurations p0047 A79-39092

Experimental investigation of helicopter flight
noises on helicopter-generated noise
[Heliopaper 79-97873] p0064 A79-39082

Helicopter noise rules -- are they appropriate and
reasonable p0064 A79-39083

The aeroacoustics of advanced turbopropellers
p0063 A79-39078

Supersonic transport aircraft noise, problems of
noise reduction and establishment of standards
*p0063 A79-50237

Impact of noise generated by supersonic transports
on the environment p0065 A79-51598

Internal mixer investigation for J79B engine jet
noise reduction. Volume 1: Results
[AD-A057309] p0037 A79-10059

Internal mixer investigation for J79B engine jet
noise reduction. Volume 2: Appendices A, B, c,
and D [AD-A057310/5] p0038 A79-10065

LAX airport/flyover noise planning study. Phase 1
report: Short term noise abatement [99-281622/1]
p0038 A79-10071

Helicopter acoustics, part 2 --- conferences
[WASA-CP-2052-PF-2] p0040 A79-10083

Subjective evaluation of helicopter blade slap noise
p0040 A79-10084

Rating helicopter noise p0040 A79-10085

The effective acoustic environment of helicopter
crewsen p0040 A79-10150

The effect of operations on the ground noise
footprints associated with a large multibladed,
nonbanging helicopter p0040 A79-10185

A static acoustic signature system for the
analysis of dynamic flight information
p0040 A79-10186

An active noise reduction system for screw
aircraft p0040 A79-10252

Design of helicopter rotors to noise constraints
p0040 A79-10253

The cost of applying current helicopter external
noise reduction methods while maintaining
realistic vehicle performance p0041 A79-10254

Helicopter cabin noise: Methods of source and
path identification and characterization
p0041 A79-10255

A practical approach to helicopter internal noise
prediction p0041 A79-10256

Helicopter internal noise control: Three case
histories p0041 A79-10257

An analytical method for designing low noise
helicopter transmissions p0041 A79-10258

The influence of the noise environment on crew
communications p0041 A79-10259

Helicopter internal noise reduction research and
development application to the SA 360 and SA 365
Dauphin p0041 A79-10260

The status of rotor noise technology: One man's
opinion p0042 A79-10261

Trends in Langley helicopter noise research
p0042 A79-10262

Aeracoacoustic research: An Army perspective
p0042 A79-10263

Research on helicopter rotor noise
[AD-A058386] p0048 A79-39082

Initial results of a porous plug nozzle for
supersonic jet noise suppression
[WASA-TR-792002] p0048 A79-13820

Airport/aircraft noise control
[SP-93-167] p0048 A79-13847

General aviation interior noise study
p0026 A79-16640

Blown flap noise prediction
[WASA-CP-158978] p0027 A79-16648

Measurements of acoustic sources in motion
[WASA-TR-78819] p0027 A79-16649

Analysis of noise in US army aircraft
[AD-A0613151] p0023 A79-16894

Variability of annoyance response due to aircraft

Computer-aided collection of demographic data
within day-night level contours: Two test cases
[AD-A0961657] p0030 A79-19010

A commercial airport noise environment:
Measurement, prediction and control
[WASA-CP-158977] p0031 A79-19014

Effects of duration and other noise
c characteristics on the annoyance caused by aircraft-flyover noise
[WASA-TR-1386] p0035 A79-20232

Airframe aeroelastic noise-total radiated acoustic
power approach
[WASA-ADI-28661] p0035 A79-20234

Procedure for noise prediction and optimization of
advanced technology propellers
[WASA-CN-3080] p0043 A79-22100

DOD's commendable initial efforts to solve land
use problems around airfields
[PB-291617/9] p0046 A79-22120

Engine integration and noise considerations for
STOL aircraft p0040 A79-23005

Statistical comparisons of aircraft flyover noise
adjustment procedures for different weather
conditions [WASA-TR-1430] p0041 A79-24773

Aircraft sonic boom: Studies on aircraft flight,
aircraft design, and measurement. A
bibliography with abstracts
[DTIC-PD-79-2026/46] p0041 A79-24780

Aircraft and airport noise reduction
[SP-29-2266] p0050 A79-25038

An experimental investigation of the effect of
rotor tip shape on helicopter blade slap noise
--- in the Langley VSTOL wind tunnel
[WASA-TR-00066] p0054 A79-25944

Aerodynamical research into vertical problems in
V/STOL aircraft approach landing
[IFP-T-2-4-41] p0050 A79-27151

Evaluating the effect of road traffic background noise
on judgments of individual airplane noises
[WASA-TR-1435] p0050 A79-27960

Helicopter-induced structural-borne noise in a general
aviation aircraft
[WASA-CN-159999] p0059 A79-29957

The effect of oblique angle of sound incidence and
realistic edge conditions, curvature and
in-plane panel stresses on the noise reduction
characteristics of general aviation type panels
[WASA-CN-157452] p0059 A79-29958

Fence studies of model helicopter blade slap
and rotational noise
[AD-A068181] p0060 A79-29962

Helicopter noise level functions for use in
community noise analyses
[AD-A068455] p0060 A79-29964

A-60
AIRCRAFT NOISE PREDICTION

Airplane takeoff from unpaved airstrips

Three years use of Mercury - Technical balance sheet

A method for estimating takeoff and landing performance of V/STOL aircraft in shipboard environments
Performance evaluation of an air vehicle utilizing non-axisymetric nozzles
AIRCRAFT PILOTS PAPER 79-1811
Analysis design of complex systems. II --- for simultaneous improvement of all basic prototype flight vehicle performance characteristics
Blown wings from Kiev --- short takeoff and landing through wing-overblowing
Variables characterizing the wind effects on an aircraft
Performance modelling methods --- in flight test programs
A computer system for identifying aircraft characteristics
Evaluation of selected class III requirements of NRC-P-87955 ASG, 'Flying qualities of Piloted Airplanes'
Flight demonstration of the AV-8B VTOL concept
Technical problems encountered with the LAL-1 flying laboratory
Crew escape concepts for advanced high performance aircraft
Mathematical models of aircraft dynamics for extreme flight conditions (theory and experiment)
The development and implementation of algorithms for an A-7E performance calculator
Optimum cruise performance
Introduction to equations of motion for performance
Preliminary noise tradeoff study of a Mach 2.7 cruise aircraft
Noise and performance calibration study of a Mach 2.2 supersonic cruise aircraft
Regression simulation of turbine engine performance/aircraft regression model
Review lecture on transport aircraft. Concepts, utilization and prospects
The aerodynamics and performance characteristics of direct lift schemes
An evaluation of turn anticipation techniques and offset flying procedures using a single-waistpoint RIAN system
The calculation of optimal aircraft trajectories
Engine performance considerations for the large subsonic transport
Jet noise and performance comparison study of a Mach 2.55 supersonic cruise aircraft
A computer program for detailed analysis of the takeoff and approach performance capabilities of transport category aircraft
AIRCRAFT ACCIDENT REPORT: Rocky Mountain Airways, Inc., DeHaavilland DHC-6-300, N2488A, Cheyenne, Wyoming, 27 February 1979
Performance evaluation method for dissimilar aircraft designs --- using the square of the wing span for nondimensional comparisons of aerodynamic characteristics
A summary of AARD EDP meeting on dynamic stability parameters --- advanced aircraft performance at high angle of attack
Enhanced fighter mission effectiveness by use of integrated flight systems
Open/closed loop identification of stability and control characteristics of combat aircraft
AIRCRAFT RELIABILITY

- Producing light aircraft - Three viability case studies
- The effects of aircraft engine pollutant emission on engine certification policy
- The effects of aircraft engine pollutant emission measurement variability on engine certification policy
- Damage-tolerant design of the TUN-61A main rotor system
- Improved ballistic damage tolerant design through laminated metal construction
- The survivability of helicopters to rotor blade ballistic damage
- Development of a multiblade spar composite main rotor blade
- Determination of inspection intervals for aircraft structures with allowance for the two-stage nature of fatigue damage
- The effects of aircraft engine pollutant emission measurement variability on engine certification policy
- Processing a random loading process by computer to obtain life information - in-flight critical stress measurements in aircraft wing structures
- Time-dependent failure rates for jet aircraft
- The P-11-10 challenge - Readiness and low total cost
- Cost and operational effectiveness of RER improvements
- Cost effective improvement of the timeless C-130 Hercules airlifter
- Aircraft structural reliability prediction based on dynamic loads and ultimate strength test data
- Reliability and maintainability design and military service experience - helicopter performance
- Reliability of aircraft structures
- Application of the fault tree in fault testing and design improvement - aircraft components
- Reliability improvement program - for military aircraft electronic components
- Worthen/United States Air Force application of fault predictions to an operational aircraft - for F-51A/F
- Influence of fuels on the reliability of jet engines and jet aircraft: Reliability with respect to fuel and lubricants - Russian book

AIRCRAFT RELIABILITY

- Airworthiness of helicopters /Cierva Memorial Lecture/
- Ice protection systems of the Puma - helicopter operations
- Determination of the fatigue strength of heavily stressed components of the Alpha-Jet
- The effects of aircraft engine pollutant emission measurement variability on engine certification policy
- Damage-tolerant design of the TUN-61A main rotor system
- Improved ballistic damage tolerant design through laminated metal construction
- The survivability of helicopters to rotor blade ballistic damage
- Development of a multiblade spar composite main rotor blade
- Determination of inspection intervals for aircraft structures with allowance for the two-stage nature of fatigue damage
- Processing a random loading process by computer to obtain life information - in-flight critical stress measurements in aircraft wing structures
- Time-dependent failure rates for jet aircraft
- The P-11-10 challenge - Readiness and low total cost
- Cost and operational effectiveness of RER improvements
- Cost effective improvement of the timeless C-130 Hercules airlifter
- Aircraft structural reliability prediction based on dynamic loads and ultimate strength test data
- Reliability and maintainability design and military service experience - helicopter performance
- Reliability of aircraft structures
- Application of the fault tree in fault testing and design improvement - aircraft components
- Reliability improvement program - for military aircraft electronic components
- Worthen/United States Air Force application of fault predictions to an operational aircraft - for F-51A/F
- Influence of fuels on the reliability of jet engines and jet aircraft: Reliability with respect to fuel and lubricants - Russian book
AIRCRAFT STRUCTURES

<table>
<thead>
<tr>
<th>Subject Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control of the center of gravity of an airplane with a variable-geometry wing</td>
</tr>
<tr>
<td>Dynamics of controlled longitudinal motion of an airplane for a stability - identification using linear transformations</td>
</tr>
<tr>
<td>System for stabilizing the vertical overload of an aircraft</td>
</tr>
<tr>
<td>Flight dynamics and stability and control for use in parameter estimation --- aircraft stability</td>
</tr>
<tr>
<td>A model for unsteady effects in lateral dynamics for the relationship of unsteadiness in downwash to the quality of parameter estimates</td>
</tr>
<tr>
<td>Aerodynamic development of a small horizontal tail for an active control relaxed stability transport application</td>
</tr>
<tr>
<td>Folded shear plane control apparatus for aircraft steering and stabilization</td>
</tr>
<tr>
<td>A review of helicopter control-display requirements for decelerating instrument approach</td>
</tr>
<tr>
<td>The use of panel methods with a view to problems of aircraft stability, Part 2</td>
</tr>
<tr>
<td>Application of bifurcation analysis and catastrophe theory methodology /BACTB/ to aircraft stability problems at high angles-of-attack</td>
</tr>
<tr>
<td>The enhancement of aircraft parameter identification using linear transformations --- for stability</td>
</tr>
<tr>
<td>Analytical and experimental investigation of V-type empennage contribution to directional control in hover and forward flight</td>
</tr>
<tr>
<td>Comment on 'Flight test of stick force stability in attitude-stabilized aircraft'</td>
</tr>
<tr>
<td>Estimation of longitudinal aircraft characteristics using parameter identification techniques</td>
</tr>
<tr>
<td>APFTP parameter identification experience --- Air Force Flight Test Center aircraft flight testing</td>
</tr>
<tr>
<td>Three basics of design for civil certification</td>
</tr>
<tr>
<td>Automatic Stabilization Equipment for the Army/Hughes YAH-64 Advanced Attack Helicopter</td>
</tr>
<tr>
<td>Utilization of the wing-body aerodynamic analysis program</td>
</tr>
<tr>
<td>Flight-determined stability and control derivatives for the F-111 Tactical research aircraft</td>
</tr>
</tbody>
</table>

AIRCRAFT STRUCTURES

<table>
<thead>
<tr>
<th>Subject Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Controller dynamics of a helicopter with a variable-geometry wing</td>
</tr>
<tr>
<td>Stability and control estimates for aircraft performance at high angle of attack</td>
</tr>
<tr>
<td>Wind shear during approach: An investigation into the influence of a tower measured wind environment on the symmetric notions of a simulated aircraft during an automated approach --- DC 9 aircraft</td>
</tr>
<tr>
<td>Powered-lift aircraft handling qualities in the presence of naturally-occurring and computer-generated atmospheric disturbances</td>
</tr>
</tbody>
</table>

AIRCRAFT STRUCTURES

<table>
<thead>
<tr>
<th>Subject Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonlinear decoupled control synthesis for maneuvering aircraft</td>
</tr>
<tr>
<td>Flight control in the presence of aircraft structural parameter variations</td>
</tr>
<tr>
<td>Aerodynamic loads for problems in aircraft dynamics, volume 2</td>
</tr>
<tr>
<td>The use of panel methods with a view to problems in aircraft dynamics</td>
</tr>
<tr>
<td>The response of aircraft to discrete ramp gusts</td>
</tr>
<tr>
<td>The need of stick force stability for altitude-stabilized aircraft, Part 2</td>
</tr>
<tr>
<td>A velocity vector control system augmented with direct lift control --- stability augmentation using manual control</td>
</tr>
<tr>
<td>An in-flight controller insensitive to parameters variation</td>
</tr>
<tr>
<td>A survey of AGARD FDP meeting on dynamic stability parameters --- advanced aircraft performance at high angle of attack</td>
</tr>
<tr>
<td>The use of panel methods with a view to problems in aircraft dynamics</td>
</tr>
<tr>
<td>The need of stick force stability for altitude-stabilized aircraft, Part 2</td>
</tr>
<tr>
<td>A velocity vector control system augmented with direct lift control --- stability augmentation using manual control</td>
</tr>
<tr>
<td>An in-flight controller insensitive to parameters variation</td>
</tr>
<tr>
<td>A summary of AGARD FDP meeting on dynamic stability parameters --- advanced aircraft performance at high angle of attack</td>
</tr>
<tr>
<td>Wind shear during approach: An investigation into the influence of a tower measured wind environment on the symmetric notions of a simulated aircraft during an automated approach --- DC 9 aircraft</td>
</tr>
<tr>
<td>Powered-lift aircraft handling qualities in the presence of naturally-occurring and computer-generated atmospheric disturbances</td>
</tr>
</tbody>
</table>

AIRCRAFT STRUCTURES

<table>
<thead>
<tr>
<th>Subject Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonlinear decoupled control synthesis for maneuvering aircraft</td>
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</tr>
<tr>
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</tr>
<tr>
<td>The use of panel methods with a view to problems in aircraft dynamics</td>
</tr>
<tr>
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</tr>
<tr>
<td>The need of stick force stability for altitude-stabilized aircraft, Part 2</td>
</tr>
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<td>A velocity vector control system augmented with direct lift control --- stability augmentation using manual control</td>
</tr>
<tr>
<td>An in-flight controller insensitive to parameters variation</td>
</tr>
<tr>
<td>A summary of AGARD FDP meeting on dynamic stability parameters --- advanced aircraft performance at high angle of attack</td>
</tr>
<tr>
<td>Wind shear during approach: An investigation into the influence of a tower measured wind environment on the symmetric notions of a simulated aircraft during an automated approach --- DC 9 aircraft</td>
</tr>
<tr>
<td>Powered-lift aircraft handling qualities in the presence of naturally-occurring and computer-generated atmospheric disturbances</td>
</tr>
</tbody>
</table>
no linearity --- for aircraft structures

Approximate solution of some boundary value problems on aircraft structural integrity

Fibre composite reinforcement of cracked aircraft structures

Finite element analysis of fatigue crack growth in aircraft components

Reliability of aircraft structures

Defects experienced in the production of advanced composite outer wings for the A-7D attack aircraft

Finite element analysis of the shear-lag problem

Integration of nondestructive testing codes into design for structural integrity assurance

Experimental investigation of the buckling characteristics of a beaded skin panel for a hypersonic aircraft -- Including comparisons with finite element and classical analyses

[ASME PAPER 78-94/AMSE-3]

Determination of the fatigue strength of heavily stressed components of the Alpha-Jet

[DGLR PAPER 78-178]

Effect of CFSP technology on structural design and fatigue behavior of modern fighter aircraft

[DGLR PAPER 78-179]

Prediction methods in aerelasticity

[ONERA, TP No. 1978-45]

Research conducted by ONERA on the interaction between the behavior and cumulative damage of materials and structures

[ONERA, TP No. 1978-55]

Composite components under impact load and effects of defects on the loading capacity

[DGLR PAPER 78-180]

An analysis of the new construction regulations for military and civilian aircraft construction with respect to the demonstration of serviceability

[DGLR PAPER 78-183]

Analytical life estimation for helicopter rotor components

[DGLR PAPER 78-185]

Estimation of the useful life of the lower chord of the girder of the FC-7 'Turbo-Trainer'

[DGLR PAPER 78-188]

The role of metallurgy in aircraft accident investigation and litigation

[ONERA, TP No. 1978-121]

Vibration and flutter investigations of aircraft with special nonlinear structural properties

[ONERA, TP No. 1978-121]

The effects of lightning and nuclear electromagnetic pulse on the composite aircraft

[ONERA, TP No. 1978-122]

Composite wing/fuselage integral concept

[ONERA, TP No. 1978-123]

Advanced composite cover to substructure attachment technology -- for aircraft wing skin

[ONERA, TP No. 1978-124]

Present and future developments in aerospace materials and structures

[ONERA, TP No. 1978-125]

Superplastic forming/diffusion bonding technology in the USAF/McDonnell DIAMT program --- Built-up low-cost Advanced Titanium Structures for F-15

[ONERA, TP No. 1978-126]

The PABST program -- A validation of bonding primary structure --- Primary Adhesively Bonded Structure Technology for aluminum aircraft parts

[ONERA, TP No. 1978-127]

Cast aluminum structures technology --- for large primary aircraft

[ONERA, TP No. 1978-128]

Lowercost structure by substituting AF1410 steel for titanium -- in airframes

[ONERA, TP No. 1978-129]

The comparative evaluation of prebond surface treatmets for titanium -- military aircraft structures

[ONERA, TP No. 1978-130]

 Moisture/temperature effects upon mean strength of composite-to-metal adhesively bonded joint elements --- for T-16 aircraft

[ONERA, TP No. 1978-131]
AIRCRAFT TIRES

Method of assessment of the antistatic protection of aircraft [ONERA, TP NO. 1979-41] p0473  79-39090

Helicopter obstacle strike tolerance [AIR 79-7] p0626  79-40059

A review of crashworthiness — in aircraft accident-liability cases p0652  79-53557

Naval architectural considerations in the design of a helicopter [AIAA 79-2013] p0652  79-53622

General aviation airplane structural crashworthiness progress report [NASA-ED-78-120] p0625  79-16814

Total environment survivability methodology p0303  79-18971

Crash survivability of the UN-60A helicopter p0312  79-19663

Comparative analysis of P-31-350 Chieftain (Buchanan) accident and NASA crash test data p0713  79-33172

AIRCRAFT WAKES

Airplane dynamic wheel loads during ground maneuvering — computer program for L-1011 aircraft [AIAA 79-0739] p0310  79-29011

Propeller and tire size selection — optimum performance with sinus maintenance [SPE PAPER 790056] p0655  79-36730

A tire runway interface friction prediction model concept p0639  79-38137

Improvement of overload capability of air carrier aircraft tires [FAA-ED-78-133] p0241  79-17229

Feasibility and cost effectiveness of airborne tire pressure indicating systems [AD-A065513] p0948  79-24981

AIRCRAFT WAKES

MT HELICOPTER WAKES

MT PROPELLER SLIPSTREAMS

MT SLIPSTREAMS

Approximate calculation of the velocity field and the motion of vortices in the wake of a low-flying biplane p0201  79-12198

The wake Vortex Advisory System — used for safe aircraft landing p0057  79-12368

The use of wing tip sails to reduce wing drag p0110  79-18001

Calculation of the non linear aerodynamic coefficients of wings of various shapes and their wakes, including canard configurations p0154  79-20106

An experimental study of the influence of flight-stream turbulence on jet mixing noise [AIAA PAPER 79-0677] p0771  79-26935

A note on yawed slender wings p0315  79-20429

Aircraft wake flow effect and horizontal tail buffet — pressure distribution and responses of fighter aircraft in transonic maneuver p0338  79-30482

Wake turbulence and the jumbo jet — whose responsibility, pilot or controller p0343  79-30943

Turbulent wake measurements with a laser velocimeter [AIAA PAPER 79-1087] p0662  79-38058

Vortex-induced oscillations — A selective review p0474  79-39751

The calculation of non-linear aerodynamic characteristics of wings and their wakes in subsonic flow p0602  79-47099

Measurement of aircraft wakes at 250-meter altitude with a 10.6-micron CW laser Doppler velocimeter p0661  79-53517


Aircraft wake vortex characteristics from data measured at John F. Kennedy International Airport [AD-A055509] p0158  79-14026


LASER DOPPLER VELOCIMETER MEASUREMENTS OF B-747 WAKE VORTEX CHARACTERISTICS [AD-A048275] p0159  79-14038


Evaluation of a wake vortex upset model based on simultaneous measurements of wake velocities and probe-aircraft accelerations [NASA-TM-78561] p0302  79-18960

Section drag coefficients from pressure probe transversevess of a wing wake at low speeds p0352  79-20000

In-flight three-dimensional boundary layer and wake measurements from a swept supercritical wing p0352  79-20002


Ground-based measurements of the wake vortex characteristics of a B-747 aircraft in various configurations [NASA-TM-80478] p0537  79-26016

AIRCRAFT U FLYING CREWS

AIRCRAFT UFLIGHTCREWS

Laser Doppler velocimeter measurements of B-747 wake vortex characteristics [AD-A048275] p0159  79-14038


Evaluation of a wake vortex upset model based on simultaneous measurements of wake velocities and probe-aircraft accelerations [NASA-TM-78561] p0302  79-18960

Section drag coefficients from pressure probe transversevess of a wing wake at low speeds p0352  79-20000

In-flight three-dimensional boundary layer and wake measurements from a swept supercritical wing p0352  79-20002


Ground-based measurements of the wake vortex characteristics of a B-747 aircraft in various configurations [NASA-TM-80478] p0537  79-26016

LASER DOPPLER VELOCIMETER MEASUREMENTS OF B-747 WAKE VORTEX CHARACTERISTICS [AD-A048275] p0159  79-14038


Evaluation of a wake vortex upset model based on simultaneous measurements of wake velocities and probe-aircraft accelerations [NASA-TM-78561] p0302  79-18960

Section drag coefficients from pressure probe transversevess of a wing wake at low speeds p0352  79-20000

In-flight three-dimensional boundary layer and wake measurements from a swept supercritical wing p0352  79-20002


Ground-based measurements of the wake vortex characteristics of a B-747 aircraft in various configurations [NASA-TM-80478] p0537  79-26016
SUBJECT INDEX

Aerodynamic response for the airfoil experiencing sudden change in angle of attack p0012 A79-10868

Method of calculating potential flows of an incompressible fluid past a wing with a high-lift device p0013 A79-10869

Inverse mixed problem for a profile with a prescribed velocity distribution on one of its sides and a known thickness distribution p0014 A79-12126

Calculation of the flow with separation for airfoils and multi-element airfoil systems placed in proximity of the ground or in closed tunnels p0029 A79-12970

A systematic procedure for generating useful conformal mappings — application to transonic aerodynamics p0056 A79-13295

Optimization of body shape at small Reynolds numbers — in Stokes flow p0057 A79-13664

Oscillating airfoils. II - Newtonian flow theory and application to power-law bodies in supersonic flow p0059 A79-13976

Optimum two dimensional wings in supersonic flows p0064 A79-14200

A low cost blade design for a Darrieus-type vertical-axis wind turbine p0064 A79-14291

Influence of the pitch/chord ratio of a subsonic cascade of turbine blades p0065 A79-16792

Analytic investigation of advancing blade drag reduction by tip modifications [AIAA 79-81] p0118 A79-18127

Rotor airfoil optimization - an understanding of the physical limits [AIAA 79-80] p0119 A79-18131

Rotor-airfoil flight investigation - Preliminary results [AIAA 79-80] p0119 A79-18132

Theoretical prediction of dynamic stall on oscillating airfoils [AIAA 79-80-02000] p0125 A79-18133

Onset of leading edge separation effects under dynamic conditions and low Mach number [AIAA 79-80] p0126 A79-18184

Hydrodynamic propulsion by large amplitude oscillation of an airfoil with chordwise flexibility p0137 A79-18384

On the laminar separation, transition, and turbulent reattachment of low Reynolds number flows near the leading edge of airfoils [AIAA PAPERS 79-0004] p0138 A79-19472

Design of transonic airfoil sections using a similarity theory [AIAA PAPERS 79-0076] p0180 A79-19521

An efficient algorithm for numerical airfoil optimization [AIAA PAPERS 79-0079] p0180 A79-19523

Trailing edge conditions for unsteady flows at high reduced frequency --- application of Kutta-Joukowsky condition [AIAA PAPER 79-0155] p0183 A79-19567

To the problem of starting and airfoil-shape optimization of the supercritical compressor cascade p0185 A79-20566

Experimental verification of anular wing theory p0185 A79-20661

Determination of the wave drag of an airfoil in a transonic flow by shear interferometry p0190 A79-21417

Engineering analysis of dynamic stall p0212 A79-22415

Numerical predictions of the unsteady lift development on airfoils in a viscous fluid p0212 A79-22416

Development of modern airfoil sections for high subsonic cruise speeds [AIAA 79-0667] p0275 A79-27353

Transonic flow computations by finite elements - airfoil optimization and analysis p0333 A79-29676

The inverse problem for multiconnected airfoil systems p0333 A79-29702

The development of high lift, single-component airfoil sections p0343 A79-30922

A general solution for distorted flows in cascades of airfoils [AIAA PAPER 79-GT-65] p0391 A79-32353

An experimental study of endwall and airfoil surface heat transfer in a large scale turbine blade cascade [AIAA PAPER 79-GT-99] p0392 A79-32375

The time-variant aerodynamic response of a stator row including the effects of airfoil camber [AIAA PAPER 79-GT-110] p0392 A79-32385

Computer-aided design - aerodynamics p0399 A79-33456

Time-variant aerodynamics of oscillating airfoil surfaces in a supersonic flowfield p0400 A79-34531

The impact of noise regulations on propeller design [AIAA PAPER 790529] p0555 A79-36777

The transonic integral equation method with curved shock waves p0513 A79-41007

Region of a plane pointed profile in supersonic flow p0528 A79-43136

Experiments on an airfoil at high angle of incidence in longitudinal oscillations p0529 A79-43223

Particle trajectories near an airfoil with a fill-cooled leading edge p0535 A79-43678

Aerodynamics of airfoils with porous trailing edges p0535 A79-43710

Unsteady wing boundary layer energization [AIAA 79-1631] p0566 A79-45312

Transonic flutter analysis of a rectangular wing with conventional airfoil sections p0566 A79-45313

Transonic flow past a symmetrical airfoil at high angle of attack [AIAA PAPER 79-1500] p0575 A79-46694

Supercritical airfoil boundary-layer measurements [AIAA PAPER 79-1501] p0575 A79-46695

Opportunities for supersonic performance gains through non-linear aerodynamics [AIAA PAPER 79-1527] p0576 A79-46710

A method of the theory of airfoil profiles with a flet flap p0602 A79-47119

Winglet toe out angle optimization for the Gates Learjet Longhorn Wing [AIAA PAPER 79-1831] p0608 A79-47995

High-performance wings with significant leading-edge thrust at supersonic speeds [AIAA PAPER 79-1872] p0635 A79-49327

Flight experiments to evaluate the effect of wing-tip stalls on fuel consumption and handling characteristics p0639 A79-49918

On single-degree-of-freedom flutter induced by activated controls p0640 A79-49986

Comment on 'active flutter control using generalized unsteady aerodynamic theory' p0640 A79-49987

A method for calculating the potential flow around a system of aerodynamic profiles in an incompressible fluid p0685 A79-51684

Synthesis of the thickness effect in the case of flow past a slender delta wing with leading edge vortices p0687 A79-52268

The effect of short regions of high surface curvature on turbulent boundary layers p0687 A79-52268

AIRFOIL PROFILES CONTENTS

The inverse problem for multiconnected airfoil systems p0333 A79-29702

The development of high lift, single-component airfoil sections p0343 A79-30922

A general solution for distorted flows in cascades of airfoils [AIAA PAPER 79-GT-65] p0391 A79-32353

An experimental study of endwall and airfoil surface heat transfer in a large scale turbine blade cascade [AIAA PAPER 79-GT-99] p0392 A79-32375

The time-variant aerodynamic response of a stator row including the effects of airfoil camber [AIAA PAPER 79-GT-110] p0392 A79-32385

Computer-aided design - aerodynamics p0399 A79-33456

Time-variant aerodynamics of oscillating airfoil surfaces in a supersonic flowfield p0400 A79-34531

The impact of noise regulations on propeller design [AIAA PAPER 790529] p0555 A79-36777

The transonic integral equation method with curved shock waves p0513 A79-41007

Region of a plane pointed profile in supersonic flow p0528 A79-43136

Experiments on an airfoil at high angle of incidence in longitudinal oscillations p0529 A79-43223

Particle trajectories near an airfoil with a fill-cooled leading edge p0535 A79-43678

Aerodynamics of airfoils with porous trailing edges p0535 A79-43710

Unsteady wing boundary layer energization [AIAA 79-1631] p0566 A79-45312

Transonic flutter analysis of a rectangular wing with conventional airfoil sections p0566 A79-45313

Transonic flow past a symmetrical airfoil at high angle of attack [AIAA PAPER 79-1500] p0575 A79-46694

Supercritical airfoil boundary-layer measurements [AIAA PAPER 79-1501] p0575 A79-46695

Opportunities for supersonic performance gains through non-linear aerodynamics [AIAA PAPER 79-1527] p0576 A79-46710

A method of the theory of airfoil profiles with a flet flap p0602 A79-47119

Winglet toe out angle optimization for the Gates Learjet Longhorn Wing [AIAA PAPER 79-1831] p0608 A79-47995

High-performance wings with significant leading-edge thrust at supersonic speeds [AIAA PAPER 79-1872] p0635 A79-49327

Flight experiments to evaluate the effect of wing-tip stalls on fuel consumption and handling characteristics p0639 A79-49918

On single-degree-of-freedom flutter induced by activated controls p0640 A79-49986

Comment on 'active flutter control using generalized unsteady aerodynamic theory' p0640 A79-49987

A method for calculating the potential flow around a system of aerodynamic profiles in an incompressible fluid p0685 A79-51684

Synthesis of the thickness effect in the case of flow past a slender delta wing with leading edge vortices p0687 A79-52268

The effect of short regions of high surface curvature on turbulent boundary layers p0687 A79-52268
Design of supersonic airfoils by numerical optimization

Airfoil design by numerical optimization using a minicomputer

Low-speed aerodynamic characteristics of a 16-percent-thick variable-geometry airfoil designed for general aviation applications

Effects of upper surface modification on the aerodynamic characteristics of the NASA 63 sub 2-159 airfoil section

Oscillatory aerodynamics and stability derivatives for airfoil spoiler sections

Approximation concepts for numerical airfoil optimization

Some recent progress in transonic flow computation --- flow distribution, numerical optimization, and airfoil design

An evaluation of four single element airfoil analytic methods

The prediction of two-dimensional airfoil stall progressions

Application of the ANT C sub 1 sub 1 sub max prediction method to a number of airfoils

A new flow model for highly separated airfoil flows at low speeds

Inverse boundary-layer technique for airfoil design

Unsteady viscous thin airfoil theory

Two-dimensional compressible potential flow around profiles in cascade

Experimental investigation of three helicopter rotor airfoils designed analytically --- in the Langley 6 by 19 inch and 6 by 28 inch transonic wind tunnels

The effect of surface imperfections on the aerodynamic performance of an airfoil at moderate Reynolds numbers

Studies of the dynamic stall or airfoil profiles for helicopter rotors

Study of blade aspect ratio on a compressor front stage aerodynamic and mechanical design report

Low-speed single-element airfoil synthesis

A comparison of the aerodynamic characteristics of eight sailing airfoil sections

A finite element method for the computation of the transonic potential flow past airfoils

Airfoil optimization for transonic flow using the methods of finite elements and characteristics

Low-speed wind tunnel results for a modified 13-percent-thick airfoil

A study of the drooped leading edge airfoil --- on wind tunnel models to reduce spin entry after stall

Rotor redesign for a highly loaded 1800 ft/sec tip speed fan, an aerodynamic and mechanical design report

An artificial viscosity method for the design of supercritical airfoils

An extension to the method of Garabedian and Korn for the calculation of transonic flow past an airfoil to include the effects of a boundary layer and wake

Upper-surface modifications for C sub 1 sub 1 max improvement of selected NASA 6-series airfoils

Aerofoil designs for three supercritical airfoils: NAS(9518) 9515 and 9530, and RAE 9550. Parts 1 and 2

The design and aerodynamic characteristics of an 18% thick shock-free airfoil (MLR 7501)

Wall-element airfoil design by optimization

An artificial viscosity method for the calculation of transonic flow past airfoils

Calculation of laminar separation bubbles and their effect on airfoil performance

Development of a low-correction wind tunnel wall configuration for testing high lift airfoils

Unsteady flows --- subsonic and supersonic aeroelasticity oscillating airfoils and displacement bodies
## SUBJECT INDEX

<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repair of directionally solidified airfoil components</td>
<td>p0211</td>
</tr>
<tr>
<td>Turbine airfoil repair</td>
<td>p0211</td>
</tr>
<tr>
<td>Effects of periodic changes in free stream velocity on flow over airfoils near static stall</td>
<td>p0212</td>
</tr>
<tr>
<td>Heat transfer investigation of laminated turbine airfoils</td>
<td>p0214</td>
</tr>
<tr>
<td>Numerical study of unsteady flows of viscous incompressible fluids about airfoils by a combined method of order O(k/2) and O(k^4)</td>
<td>p0248</td>
</tr>
<tr>
<td>A visual investigation of the separation and subsequent transition near the leading edge of airfoils</td>
<td>p0249</td>
</tr>
<tr>
<td>[AIAA PAPER 79-0527]</td>
<td>p0259</td>
</tr>
<tr>
<td>Unsteady pressures on a NACA 64A010 airfoil - Experimental and theoretical results</td>
<td>p0261</td>
</tr>
<tr>
<td>[AIAA PAPER 79-0330]</td>
<td>p0266</td>
</tr>
<tr>
<td>On sound radiation from the trailing edge of an isolated airfoil in a uniform flow</td>
<td>p0311</td>
</tr>
<tr>
<td>[AIAA PAPER 79-0603]</td>
<td>p0324</td>
</tr>
<tr>
<td>Experiments in unsteady transonic flow</td>
<td>p0333</td>
</tr>
<tr>
<td>Applications of Laplace transform methods to airfoil motion and stability calculations</td>
<td>p0371</td>
</tr>
<tr>
<td>[AIAA 79-0772]</td>
<td>p0373</td>
</tr>
<tr>
<td>The effect of chordwise flexibility on the lift of a rapidly accelerated airfoil</td>
<td>p0374</td>
</tr>
<tr>
<td>[NASA] A initiative for general aviation - The general aviation airfoil design and analysis service</td>
<td>p0346</td>
</tr>
<tr>
<td>Some experimental results connected with the transonic instabilities on an airfoil</td>
<td>p0398</td>
</tr>
<tr>
<td>Analysis of an unsteady aerodynamic force on a blade due to uniform amplitude gusts</td>
<td>p0473</td>
</tr>
<tr>
<td>Lift and drag of wall airfoil</td>
<td>p0515</td>
</tr>
<tr>
<td>Split-fila anemometer measurements on an airfoil with turbulent separated flow</td>
<td>p0519</td>
</tr>
<tr>
<td>Modeling of turbulent wakes in ideal fluids</td>
<td>p0527</td>
</tr>
<tr>
<td>High tip speed/FOD resistant boron-aluminum fan blades</td>
<td>p0532</td>
</tr>
<tr>
<td>Effect of viscosity on wind-tunnel wall interference for airfoils at high lift</td>
<td>p0577</td>
</tr>
<tr>
<td>[AIAA PAPER 79-1534]</td>
<td>p0577</td>
</tr>
<tr>
<td>The prediction of the turbulent flow field about an isolated airfoil</td>
<td>p0577</td>
</tr>
<tr>
<td>[AIAA PAPER 79-1543]</td>
<td>p0577</td>
</tr>
<tr>
<td>Results of an improved version of LTANa for computing unsteady airloads on airfoils oscillating in transonic flow</td>
<td>p0577</td>
</tr>
<tr>
<td>[AIAA PAPER 79-1553]</td>
<td>p0577</td>
</tr>
<tr>
<td>Fully conservative numerical solutions for unsteady irrotational transonic flow about airfoils</td>
<td>p0602</td>
</tr>
<tr>
<td>[AIAA PAPER 79-1555]</td>
<td>p0602</td>
</tr>
<tr>
<td>Experimental measurements of shock/boundary-layer interaction of a supersonic airfoil</td>
<td>p0603</td>
</tr>
<tr>
<td>[AIAA PAPER 1495]</td>
<td>p0603</td>
</tr>
<tr>
<td>Aerodynamics for engineers -- Book</td>
<td>p0604</td>
</tr>
<tr>
<td>Flying hot-wire study of two-dimensional turbulent separation on an NACA 4412 airfoil at maximum lift</td>
<td>p0604</td>
</tr>
<tr>
<td>[NASA CR-151094]</td>
<td>p0604</td>
</tr>
<tr>
<td>Wind tunnel tests of the G(W)-2 airfoil with 20% silicon, 25% slotted flap, 30% Fowler flap and 10% slot-lip spoiler</td>
<td>p0633</td>
</tr>
<tr>
<td>(NASA-CH-151391)</td>
<td>p0633</td>
</tr>
<tr>
<td>Velocity measurement about a NACA 0012 airfoil with a laser velocimeter</td>
<td>p0634</td>
</tr>
<tr>
<td>[AD-1056447]</td>
<td>p0634</td>
</tr>
<tr>
<td>Direct numerical aeration of the transonic-perturbation integral equation for lifting and nonsliding airfoils</td>
<td>p0635</td>
</tr>
<tr>
<td>[NASA-TP-78518]</td>
<td>p0635</td>
</tr>
<tr>
<td>The aerelastic analysis of a two-dimensional airfoil in transonic flow</td>
<td>p0687</td>
</tr>
<tr>
<td>[AD-1057505]</td>
<td>p0687</td>
</tr>
</tbody>
</table>

---

## AIRFOILS CONT

<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer-aided analysis and design of the shape rolling process for producing turbine engine airfoils</td>
<td>p0094</td>
</tr>
<tr>
<td>[NASA-CH-159045]</td>
<td>p0094</td>
</tr>
<tr>
<td>Effects of thickness on the aerodynamic characteristics of an initial low-speed family of airfoils for general aviation applications</td>
<td>p0198</td>
</tr>
<tr>
<td>[NASA-79-X-72883]</td>
<td>p0198</td>
</tr>
<tr>
<td>Analysis of a theoretically optimized transonic airfoil</td>
<td>p0209</td>
</tr>
<tr>
<td>[NASA-CP-3065]</td>
<td>p0209</td>
</tr>
<tr>
<td>A new method for designing shock-free transonic configurations</td>
<td>p0169</td>
</tr>
<tr>
<td>[NASA-CP-158063]</td>
<td>p0169</td>
</tr>
<tr>
<td>A study of turbulent flows about oscillating airfoils</td>
<td>p0170</td>
</tr>
<tr>
<td>[AD-A060491]</td>
<td>p0170</td>
</tr>
<tr>
<td>Calculation of the planar supersonic flow over a NASA supercritical profile</td>
<td>p0215</td>
</tr>
<tr>
<td>[NASA-CH-171866]</td>
<td>p0215</td>
</tr>
<tr>
<td>The influence of sweep on the aerodynamic loading of an oscillating NACA0012 airfoil. Volume 2: Data report</td>
<td>p0227</td>
</tr>
<tr>
<td>[NASA-CH-145350]</td>
<td>p0227</td>
</tr>
<tr>
<td>Structural analysis of hollow blades: Torsional stress analysis of hollow fan blades for aircraft jet engines</td>
<td>p0241</td>
</tr>
<tr>
<td>[HCL-TR-533]</td>
<td>p0241</td>
</tr>
<tr>
<td>Inverse transonic airfoil design methods including boundary layer and viscous interaction effects</td>
<td>p0286</td>
</tr>
<tr>
<td>[NASA-CH-158136]</td>
<td>p0286</td>
</tr>
<tr>
<td>Alternative turbine cooling technology</td>
<td>p0304</td>
</tr>
<tr>
<td>[NASA-CH-18984]</td>
<td>p0304</td>
</tr>
<tr>
<td>Evaluation of interference in the OSU 6 in. by 22 in. transonic airfoil tunnel</td>
<td>p0351</td>
</tr>
<tr>
<td>Visualization of the separation and subsequent transition near the leading edge of airfoils</td>
<td>p0351</td>
</tr>
<tr>
<td>Application of the laser velocimeter to airfoil research</td>
<td>p0351</td>
</tr>
<tr>
<td>Holography and LDV techniques, their status and use in airfoil research</td>
<td>p0351</td>
</tr>
<tr>
<td>Flight test techniques for low speed airfoil evaluation</td>
<td>p0352</td>
</tr>
<tr>
<td>[NASA-CH-159999]</td>
<td>p0352</td>
</tr>
<tr>
<td>A procedure for analyzing transonic flow over harmonically oscillating airfoils</td>
<td>p0352</td>
</tr>
<tr>
<td>Some calculations of transonic potential flow for the NACA 64A006 airfoil with oscillating flap</td>
<td>p0352</td>
</tr>
<tr>
<td>Observations on the dynamic stall characteristics of advanced helicopter rotor airfoils</td>
<td>p0352</td>
</tr>
<tr>
<td>Advanced Technology Airfoil Research, volume 1, part 1 --------------- conference on development of computational codes and test facilities</td>
<td>p0355</td>
</tr>
<tr>
<td>[NASA-CP-2045-VOL-1-PTR-1]</td>
<td>p0355</td>
</tr>
<tr>
<td>NASA research objectives and roles</td>
<td>p0355</td>
</tr>
<tr>
<td>[NASA-CH-20030]</td>
<td>p0355</td>
</tr>
<tr>
<td>Langley airfoil-research program</td>
<td>p0355</td>
</tr>
<tr>
<td>[NASA-CH-20031]</td>
<td>p0355</td>
</tr>
<tr>
<td>Overview of two-dimensional airfoil research at Ames Research Center</td>
<td>p0355</td>
</tr>
<tr>
<td>[NASA-TE-1-72843]</td>
<td>p0355</td>
</tr>
<tr>
<td>Transonic airfoil codes</td>
<td>p0355</td>
</tr>
<tr>
<td>Application of direct-inverse techniques to airfoil analysis and design</td>
<td>p0355</td>
</tr>
<tr>
<td>Low speed airfoil design and analysis</td>
<td>p0355</td>
</tr>
<tr>
<td>[NASA-CH-20036]</td>
<td>p0355</td>
</tr>
<tr>
<td>Prospects for computing airfoil aerodynamics with Reynolds averaged Navier-Stokes codes</td>
<td>p0356</td>
</tr>
<tr>
<td>[NASA-CH-20036]</td>
<td>p0356</td>
</tr>
<tr>
<td>An evaluation of four single element airfoil analytic methods</td>
<td>p0356</td>
</tr>
<tr>
<td>[NASA-CH-20038]</td>
<td>p0356</td>
</tr>
<tr>
<td>Upgraded viscous flow analysis of multi-element airfoils</td>
<td>p0356</td>
</tr>
<tr>
<td>Numerical solution of the Navier-Stokes equations for arbitrary two-dimensional multi-element airfoils</td>
<td>p0356</td>
</tr>
</tbody>
</table>
AIRFRAME MATERIALS

The analysis and design of transonic two-element airfoil systems
Improvements in surface singularity analysis and design methods -- applicable to airfoils
Optimization of multi-element airfoils for maximum lift
Wake curvature and trailing edge interaction effects in viscous flow over airfoils
Developments in testing airfoil techniques at University of Southampton
A new airfoil research capability
Design and calibration of slotted walls for transonic airfoil wind tunnels
Some steady and oscillating airfoil test results, including the effects of sweep, from the tunnel spanning wing
Numerical design of shockless airfoils
Airfoil cooling, hole plugging by combustion gas impurities of the type found in coal derived fuels
Scale effects at transonic speeds basic considerations
Structure of the turbulent separated flow around an stalled airfoil
Generalization of analytical tools for helicopter-rotor airfoils
Extensions to the tested range of a cascade flow calculation method
Wind tunnel
Surface finishing -- adhesive bonding of plastic film to metal airfoil surfaces
Effects of turbulence on laminar separation on aerodynamic surfaces such as airfoils and compressor blades
Frost formation on an airfoil: A mathematical model 1
Low-speed single-element airfoil synthesis
An exploratory investigation of the effect of plastic coating on the profile drag of a practical-metal-construction sailplane airfoil
Some new airfoils
An annular wing
Low-speed wind tunnel results for a modified 15-percent-thick airfoil
Theoretical analysis of transonic flow past unsteaggered oscillating cascades
A viscous/potential flow interaction analysis for circulation-controlled airfoils
An exploratory investigation of the effect of a plastic coating on the profile drag of a practical-metal-construction sailplane airfoil
Leading-edge slat optimization for maximum airfoil lift
Superonic un stalled flutter
Unsteady small-gap ground effects
The aerodynamic noise of a slot in an airfoil
Flutter analysis of two-dimensional and two-degree-of-freedom airfoils in small-disturbance, unsteady transonic flow

AIRFRAME MATERIALS

Wind tunnels with adapted walls for reducing wall interference
Multi-element airfoil viscous-inviscid interactions
Flap control theory of wide-span wings
Wake curvature and trailing edge interaction effects in viscous flow over airfoils
Developments in testing airfoil techniques at University of Southampton
A new airfoil research capability
Design and calibration of slotted walls for transonic airfoil wind tunnels
Some steady and oscillating airfoil test results, including the effects of sweep, from the tunnel spanning wing
Numerical design of shockless airfoils
Airfoil cooling, hole plugging by combustion gas impurities of the type found in coal derived fuels
Scale effects at transonic speeds basic considerations
Structure of the turbulent separated flow around a stalled airfoil
Generalization of analytical tools for helicopter-rotor airfoils
Extensions to the tested range of a cascade flow calculation method
Wind tunnel
Surface finishing -- adhesive bonding of plastic film to metal airfoil surfaces
Effects of turbulence on laminar separation on aerodynamic surfaces such as airfoils and compressor blades
Frost formation on an airfoil: A mathematical model 1
Low-speed single-element airfoil synthesis
An exploratory investigation of the effect of plastic coating on the profile drag of a practical-metal-construction sailplane airfoil
Some new airfoils
An annular wing
Low-speed wind tunnel results for a modified 15-percent-thick airfoil
Theoretical analysis of transonic flow past unsteaggered oscillating cascades
A viscous/potential flow interaction analysis for circulation-controlled airfoils
An exploratory investigation of the effect of a plastic coating on the profile drag of a practical-metal-construction sailplane airfoil
Leading-edge slat optimization for maximum airfoil lift
Superonic un stalled flutter
Unsteady small-gap ground effects
The aerodynamic noise of a slot in an airfoil
Flutter analysis of two-dimensional and two-degree-of-freedom airfoils in small-disturbance, unsteady transonic flow

AIRFRAMES

Application of gradient methods to the optimal design of components of load-bearing structures -- for aircraft minimum weight design
Investigation of the crash impact characteristics of composite airframe structures
Residual strength properties of carbon/epoxy composite materials -- airframe materials
Aluminum alloys for advanced structural applications in transport aircraft
Cost spectra fatigue crack propagation in candidate skin materials
Application of gradient methods to the optimal design of components of load-bearing structures -- for aircraft minimum weight design
Investigation of the crash impact characteristics of composite airframe structures
Residual strength properties of carbon/epoxy composite materials -- airframe materials
Aluminum alloys for advanced structural applications in transport aircraft
Cost spectra fatigue crack propagation in candidate skin materials
Application of gradient methods to the optimal design of components of load-bearing structures -- for aircraft minimum weight design
Investigation of the crash impact characteristics of composite airframe structures
Residual strength properties of carbon/epoxy composite materials -- airframe materials
Aluminum alloys for advanced structural applications in transport aircraft
Cost spectra fatigue crack propagation in candidate skin materials
AIRPORT SURFACE DETECTION EQUIPMENT

Shorjeh - An airport out of Arabian Nights - innovative airport design  
[AD-49-0239] 007-0647 A79-50949

Somaba - A new airport - planning and construction  
[AD-49-0239] 007-0647 A79-50949

Airport power supply - Russian book.  
[AD-49-0239] 007-0647 A79-52300

LAZ airport/land use planning study. Phase II  
[NASA CP-2044] 0042 A79-10942

Planning for airport access: An analysis of the San Francisco Bay area  
[AD-49-0239] 007-0647 A79-10071

Planning for airport access: An analysis of the San Francisco Bay area. Introduction and conclusions  
[AD-49-0239] 0042 A79-10943

Planning for airport access: An analysis of the San Francisco Bay area. The setting  
[AD-49-0239] 0042 A79-10944

Components of the airport access system  
[AD-49-0239] 0042 A79-10945

Planning for airport access: An analysis of the San Francisco Bay area. Existing studies  
[AD-49-0239] 0042 A79-10946

Planning for airport access: An analysis of the San Francisco Bay area. Terminal options  
[AD-49-0239] 0042 A79-10947

Planning for airport access: An analysis of the San Francisco Bay area. Three subsystem designs  
[AD-49-0239] 0043 A79-10948

National airport system plan 1976 - 1987  
[AD-49-0239] 0043 A79-10948

Developing a national airport system: Additional congressional guidance needed  
[AD-49-0239] 0058 A79-28190

Potential closure of airports  
[AD-49-0239] 00673 A79-31231

Advisory circular. The planning grant program for airports  
[005/950-18] 00673 A79-31232

Air traffic congestion and capacity: A bibliography with abstracts  
[STIS/PS-79/0594/6] 00714 A79-33198

AIRPORT SURFACE DETECTION EQUIPMENT  

Next generation airport surveillance radar (ASN-1) definition study - operational requirements of radar for air traffic control  
[AD-49-0239] 00713 A79-33197

AIRPORT TOWERS  

System integration analysis for future tower cab configurations/systems.  
[AD-49-0239] 00161 A79-14066

Tower airport statistics handbook, calendar year 1977  
[AD-49-0239] 00180 A79-15099

Engineering and development program plan: Terminal/tower control  
[AD-49-0239] 00231 A79-16632

FAA air traffic activity, fiscal year 1978  
[AD-49-0239] 00584 A79-28188

An investigation into the noise interference problem at Logan Airport, Boston  
[AD-49-0239] 00710 A79-32417

AIRPORTS  

New aircraft technology and its impact on the airport - an airline viewpoint  
[AD-49-0239] 0063 A79-14143

California airport monitor noise data  
[AD-49-0239] 00774 A79-15559

Investigation for planning the approach traffic  
[AD-49-0239] 00117 A79-17696

Role of helicopters in airport access  
[AD-49-0239] 00128 A79-18574

Evolution of a TRACON - terminal guidance system for New York area airports  
[AD-49-0239] 00205 A79-23597

Reducing air pollutant emissions at airports by controlling aircraft ground operations  
[AD-49-0239] 00206 A79-23744

The Pulley International Airport wind-shear detection system Statistical results  
[AD-49-0239] 00278 A79-27574

The incidence of bird strikes by aeroplanes at Entebbe Airport  
[AD-49-0239] 00278 A79-27574

SUBJECT INDEX

Bird control - The experience of one aerodrome  
[AD-49-0239] 00326 A79-29361

Determination of the suitability of soils for the construction of dirt runways  
[AD-49-0239] 00326 A79-29369

Problems of airports in the vicinity of foreign states  
[AD-49-0239] 00336 A79-29972

Aviation safety - Facts and fiction  
[AD-49-0239] 00363 A79-30940

FAA proposes that the standard noise model be the integrated noise model.  
[AD-49-0239] 00349 A79-32230

CKS - Taiwan's 21st century airport  
[AD-49-0239] 00409 A79-34975

The influence of the Terminal Control Area on airline operations  
[AD-49-0239] 00517 A79-32352

FAA approach influence on runway capacity as typified by the Munich-Flughafen airport.  
[AD-49-0239] 00518 A79-32357

Current status of airport terminal complex development abroad  
[AD-49-0239] 00563 A79-50240

Comparison of alternate fuels for aircraft  
[AD-49-0239] 00690 A79-51100

Community noise exposure resulting from aircraft operations. Volume 6: Acoustic data on Navy aircraft  
[AD-49-0239] 00505 A79-11566

Airport improvement task force delay study: Data collection, reduction and analysis  
[AD-49-0239] 00506 A79-12099

Air pollution from aircraft operations at San Jose Municipal Airport, California  
[AD-49-0239] 00509 A79-12585

Aircraft noise characteristics from data measured at John F. Kennedy International Airport  
[AD-49-0239] 00518 A79-14026

Atlanta center upgraded third generation enroute ATC system operations: A case study  
[AD-49-0239] 00516 A79-14071

FAA determination of no hazard for structures near airports  
[AD-49-0239] 00556 A79-14112

The FAA's airport landside model: Analytical approach to delay analysis  
[AD-49-0239] 00517 A79-14115

A review of certified airport crash/fire rescue service criteria  
[AD-49-0239] 00517 A79-14116

Characterizing expansive soils for airport pavement design  
[AD-49-0239] 00517 A79-14117

Lighting and marking of exit taxeways  
[AD-49-0239] 00168 A79-14247

Aircraft/airport noise control  
[AD-49-0239] 00180 A79-15099

Aircraft airport delay and fuel consumption analysis  
[AD-49-0239] 00231 A79-16826

Evaluation of threshold and prethreshold lights for medium intensity approach lighting systems  
[AD-49-0239] 00231 A79-16826

A study of aircraft towing as proposed for Boston-Logan International Airport --- airfield surface movements  
[AD-49-0239] 00237 A79-16878

Echo interpretation of severe storms on airport surveillance radars  
[AD-49-0239] 00240 A79-17123

Measurement and analysis of airport emission  
[AD-49-0239] 00242 A79-17361

Airport vicinity air pollution model. Abbreviated version user's guide  
[AD-49-0239] 00242 A79-17361

A commercial airport noise environment: Measurement, prediction and control  
[AD-49-0239] 00306 A79-19010

Evaluation of emission control strategies for airfield operations at the Los Angeles and San Francisco International Airports  
[AD-49-0239] 00306 A79-19010

An assessment of local risk --- to area associated with commercial operations of aircraft with graphite fiber composite structures  
[AD-49-0239] 00385 A79-21100
<table>
<thead>
<tr>
<th>Subject Index</th>
<th>AIRSPEED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integrated noise model --- computerized simulation of commercial jet aircraft noise near airports</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>The airship performance model. Volume 1: Extensions, validations, and applications</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>[AD-065689]</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>Development of a structural design procedure for rigid airway pavements</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>Survey of grooves in 19 bituminous runways</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>Runway configuration management system concepts</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>Comparison of noise methods to determine the delays of landing aircraft with respect to runway capacity</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>Next generation airport surveillance radar (ASR-9) --- definition study --- operational requirements of radar for air traffic control</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>Aircraft air pollution, volume 3: A bibliography with abstracts</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>Airspeeds</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>The Sunship --- solar powered airship design</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>The influence of ballonet motions on the longitudinal stability of tethered aerostats</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>Large lighter-than-air vehicles (LTA)</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>Analysis of Coast Guard missions for a maritime patrol airship</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>Tri-cruiser Coast Guard airship</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>The potential role of airships for oceanography</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>Modern rigid airships as sea control escort platforms</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>[AIAA 79-1609] p0524 A79-42399</td>
<td></td>
</tr>
<tr>
<td>Weight and cost estimating relationships for heavy lift airships</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>Structural loads due to gusts on semiboyant airships</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>[AIAA 79-1609] p0524 A79-42399</td>
<td></td>
</tr>
<tr>
<td>British lighter-than-air activity - A review</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>Canadian interest in modern LTA transport</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>Japanese lighter-than-air mission studies</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>Flight dynamics analyses and simulation of Heavy Lift Airship</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>&quot;Thruster control for airships&quot;</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>The productivity of airships in long-range transportation</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>Lighter-than-air craft for strategic mobility</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>Airship potential in strategic airlift operations</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>Further advancements in the concept of delta-winged hybrid-airships</td>
<td>[AIAA 79-1609] p0524 A79-42399</td>
</tr>
<tr>
<td>SUBJECT INDEX</td>
<td>ALUMINUM ALLOYS</td>
</tr>
<tr>
<td>---------------</td>
<td>----------------</td>
</tr>
<tr>
<td>Alpha Jet - The Franco-German training and tactical support aircraft</td>
<td>Crash simulation of composite and aluminum helicopter fuselages using a finite-element program [AIAA 79-0781]</td>
</tr>
<tr>
<td>ALPHABETICAL CHARACTERS</td>
<td>ALUMINUM ALLOYS</td>
</tr>
<tr>
<td>Aircraft laser displays</td>
<td>Fracture toughness of multiply layer adhesive bonded aluminum alloy sheet</td>
</tr>
<tr>
<td>Fiber optics use in the F-1C aircraft. A fiber optic interconnect system for computer controlled alphanumeric displays in a F-1C aircraft [RAD-790918]</td>
<td>Some engineering property comparisons for 7050 and AZ 74.61 die forgings</td>
</tr>
<tr>
<td>ALTERNATING CURRENT</td>
<td>An automated system for phosphoric acid anodizing of aluminum alloys</td>
</tr>
<tr>
<td>An investigation into voltage modulation in aircraft V.S.C.P. systems</td>
<td>Stress-peen straightening of complex machined aircraft parts</td>
</tr>
<tr>
<td>ALTERNATING CURRENT GENERATORS</td>
<td>Structural aluminum materials for the 1980s</td>
</tr>
<tr>
<td>ALTERNATORS (GENERATORS)</td>
<td>Fatigue crack propagation rate at low delta-K of two aluminum sheet alloys, 2024-T3 and 7075-T6</td>
</tr>
<tr>
<td>ALTERNATORS</td>
<td>Future trends in aircraft structural materials</td>
</tr>
<tr>
<td>NB RADIO ALTITUDE</td>
<td>Estimation of fatigue life of Al-alloy used for compressor disc of jet engine</td>
</tr>
<tr>
<td>A miniature air sensor altimeter --- for remotely piloted terrain following aircraft</td>
<td>Residual strength of a cracked lug --- stress corrosion cracking of aluminum alloy legs [ABL-078268-7805]</td>
</tr>
<tr>
<td>Aircraft velocity and altitude measurements using a tunable diode laser</td>
<td>Cast aluminum Structures Technology, phase 3 (CAST) [AD-905722]</td>
</tr>
<tr>
<td>Construction and calibration of pitot-static systems</td>
<td>Comparison of engineering properties of 7050 and 7075-16510 extrusions for potential P-3 applications [AD-058002]</td>
</tr>
<tr>
<td>A study of altitude-controlled terrain-following systems</td>
<td>A feasibility study for development of structural aluminum alloys from rapidly solidified powders for aerospace structural applications [AD-060142]</td>
</tr>
<tr>
<td>ALTITUDE</td>
<td>Residual strength of the aluminum alloy 7475-T76 at low temperatures [11114-18-75080-U]</td>
</tr>
<tr>
<td>HIGH ALTITUDE</td>
<td>Some engineering property comparisons for 7050 and AZ 74.61 die forgings [MLR-TS-77009-0]</td>
</tr>
<tr>
<td>LOW ALTITUDE</td>
<td>Influence of corrosion damage on fatigue crack initiation [HLR-TR-75080-0]</td>
</tr>
<tr>
<td>ALTITUDE CONTROL</td>
<td>The effect of sheet edge working on the fatigue life under flight-simulation loading [NLR-TR-77095-0]</td>
</tr>
<tr>
<td>ALTITUDE TESTS</td>
<td>Investigation of strain-stress history modeling at stress risers, phase 2 [AD-058162]</td>
</tr>
<tr>
<td>HIGH ALTITUDE TESTS</td>
<td>Fatigue properties of adhesive-bonded laminated sheet material of aluminum alloys [NLR-TR-77009-0]</td>
</tr>
<tr>
<td>ALTINOMIA</td>
<td>Aluminum alloys for advanced structural applications in transport aircraft [MLR-TR-77023-0]</td>
</tr>
</tbody>
</table>

**Aluminum Alloys**

- Phosphoric acid non-task anodize /PATA/ process for repair bonding --- of aluminum aircraft surfaces
- Relative behavior of graphite/epoxy and aluminum in a lightning environment --- aircraft safety considerations
- The PABST program - A validation of bonding primary structure --- Primary Adhesively Bonded Structure Technology for aluminum aircraft parts
- Cast aluminum structures technology --- for large primary aircraft
- A cyclic load test for environmental durability - evaluation of bonded honeycomb structure --- aircraft Al panels

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ALUMINUM BORON COMPOSITES

Advanced welding process establishment for aluminum [AD-A071016]

Environment load interaction effects on crack growth [AD-A071660]

Applications of metal-matrix composites, the emerging structural materials

High tip speed/POD resistant boron-aluminum fan blades

Research on the creep-rupture strength of aluminum oxide morphologies on aluminum prepared for adhesive bonded aircraft structures

Applications of metal-matrix composites, the emerging structural materials

Hybrid Wing Box structure

Oxide morphologies on aluminum prepared for adhesive bonded aircraft structures

Metal-matrix composite structures [AHS 79-3a]

Casualty evacuation by helicopter

Casualty evacuation by helicopter

Some recent developments in solid propellant gas generator technology [AIAA PAPERS 79-1327]

U ELECTRIC CURRENT

AERONAUTICAL AIRCRAFT

Concept for a large multi-mission amphibian aircraft [AIAA 79-0869]

Air cushioning landing gear applications study [NASCAR-CR-159002]

AERONAUTICAL VEHICLES

AMPHIBIOUS VEHICLES

AMPHIBIOUS AIRCRAFT

The principles of hovercraft, powering and propulsion

AVC cushion comparison tests: Preliminary review and definition of model and tests [AD-A060508]

AMPLIFICATION

WT WAVE AMPLIFICATION

AMPLIFIERS

WT FLUID AMPLIFIERS

WT JET AMPLIFIERS

WT POWER AMPLIFIERS

Model study of transient processes in a hydraulic power amplifier

Reformable mirror surface control - Hardware, algorithms [AD-A069191]

AMPLITUDE MODULATION

An investigation into voltage modulation in aircraft W.S.C.W. systems

ANALOG CIRCUITS

A Navy plan for the development of a practical computer-aided programming /CRP/ system for analog circuit test design

ANALOG SIMULATION

Analog simulation and its defining similarity criteria in the analysis of supersonic flows past wings

Analog modeling in studying supersonic flow around a wing and its governing analog-criteria

An investigation into the transient aerodynamics associated with a spoiler emerging into a uniform airstream

Wind shear during approach: An investigation into the influence of a tower measured wind environment on the symmetric motions of a simulated aircraft during an automatic approach

ANALOG TO DIGITAL CONVERTERS

Built in test of A/D converters - Present approaches and recommendations for improved BIT effectiveness --- in airborne radar systems

The impact of software in automatic test equipment --- for evaluation of radar analog to digital converter

ANALOGIES

H T HYDRAULIC ANALOGIES

ANALYSIS (MATHEMATICS)

ANALYTIC FUNCTIONS

ASYMPTOTIC SERIES

BESSEL FUNCTIONS

CAUCHY INTEGRAL FORMULA

CONFERENCE MAPPING

CONTINUITY (MATHEMATICS)

DIFFERENTIAL EQUATIONS

EPROB ANALYSIS

EXPONENTIAL FUNCTIONS

FINITE ELEMENT METHOD

FUNCTIONAL ANALYSIS

GREEN FUNCTION

HARMONIC ANALYSIS

INTEGRAL EQUATIONS

INTERPOLATION

ITERATION

LAPLACE TRANSFORMATION

LEAST SQUARES METHOD

LINEAR EQUATIONS

MONTRE CARLO METHOD

NEWTON-RAPSON METHOD

NONLINEAR EQUATIONS

ORTHOGONAL FUNCTIONS

POWER SERIES

SINGULAR INTEGRAL EQUATIONS

SIMILARITY (MATHEMATICS)

VECTORS ANALYSIS

VORTEX

Extensions to the tested range of a cascade flow calculation method

ANALYSIS OF VARIANCE

The effect of a sample lot of fuel JECTORS on emissions levels of a small gas turbine [AIAA PAPERS 79-02-165]

ANALYTIC FUNCTIONS

Analytical derivatives [AD-A068941]

ANALYTIC GEOMETRY

CIRCUMFERENCES

HYPERBOLAS

ANALYTICAL CHEMISTRY

Wear particle analysis of grease samples

Boeing's noise technology facilities

An acoustic problem in anechoic chamber arising from exhaust noise testing [AIAA PAPERS 79-0669]

Boering impulse noise - Some measured and calculated results --- from helicopter rotors in an anechoic chamber

ANOMALIES

EMERGING STRUCTURAL MATERIALS

ALUMINUM BORON COMPOSITES

SUBJECT INDEX
An experimental study of high frequency noise from model rotors - Prediction and reduction

Anemometers
- Hot-wire anemometers
- Laser anemometers
- Response and other characteristics of a flat bladed, dual pitch propeller anemometer
- Feasibility study of transit photon correlation anemometer for Ames Research Center unitary wind tunnel test
- Two dimensional anemometric probe --- two dimensional flow. Wind tunnel tests
- Optical flow measurements: Applications to wind tunnels of motor bench tests

Aerodynamics
- Vortex system at the nose part of a fuselage model
- Aerodynamic response for the airfoil experiencing angle-of-attack stall regimes
- Identification of key maneuver-limiting factors in high-angle-of-attack flight
- Aerodynamic characteristics at high angles of attack
- Results of piloted simulator studies of fighter aircraft at high angles of attack
- Effect of high angles of attack on dynamic stability parameters
- Effect of high angles of attack on dynamic stability at high angles of attack
- Identification of key maneuver-limiting factors in high-angle-of-attack flight
- Aerodynamic characteristics at high angles of attack
- Aerodynamic side-force alleviator means
- Prediction and measurement of the aerodynamic forces and pressure distributions of wing-tail strakes on combat aircraft configurations at high angles of attack
- Normal force and pitching moment of wing-body combinations in the nonlinear angle-of-attack range at subsonic speeds
- Stability of aircraft motion to aerodynamic acceleration derivatives
- Stability at high angles of attack
- Vortex pattern developing on the upper surface of a swept wing at high angle of attack
- Design, calibration, and application of a sensor for measuring time dependent angle of attack of helicopter blades
- High angle of attack aerodynamics
- Effect of high angles of attack on dynamic stability parameters
- High angle of attack characteristics of different fighter configurations
- Some UK research studies of the use of wing-body strakes on combat aircraft configurations at high angles of attack
- The application of spanwise blowing for high angle of attack spin recovery
- Behavior of a transport aircraft with a high aspect ratio wing at a high angle of incidence
- Prediction of aerodynamic characteristics for slender bodies alone and with lifting surfaces to high angles of attack
- Prediction of lateral aerodynamic loads on aircraft at high angles of attack
- Prediction and measurement of the aerodynamic forces and pressure distributions of wing-tail configurations at very high angles of attack
- High angle of incidence implications upon air intake design and location for supersonic cruise aircraft and highly maneuverable transonic aircraft
- Intake design and intake/airframe integration for a post-stall fighter aircraft concept

The influence of aerodynamic interference on high angle of attack wing tunnel testing

Canard-body-tail missile test at angles of attack to 50 deg in the Ames 11-foot transonic wind tunnel

Vortex effects for canard-wing configurations at high angles of attack in subsonic flow

Experiments on cross-coupling and translational acceleration derivatives

A survey of analytical and experimental techniques to predict aircraft dynamic characteristics at high angles of attack
Performance of a vortex-controlled diffuser in an annular swirl-can combustor at inlet Mach numbers up to 0.53
- [NASA-TP-1052] p0923 N79-22099

Aerodynamic and acoustic investigation of inverted velocity profile coaxial exhaust nozzle models and development of aerodynamic and acoustic prediction procedures

ANNUAL

Asymmetric distortion generation in a variable height annulus --- for compressor inlet flow
- [AIAA 79-7002] p0277 A79-29378

ANNUAL NOZZLES

Miniature flow-direction and airflow sensor for airplanes and radio controlled models in spin studies

Analysis of wind tunnel data pertaining to high angle of attack aerodynamics. Volume 1: Technical discussion and analysis of results
- [AD-A069486] p0650 N79-30148

Analysis of wind tunnel data pertaining to high angle of attack aerodynamics. Volume 2: Data base
- [AD-A069467] p0650 N79-30149

A summary of IGARD IDP meetings on dynamic stability parameters --- advanced aircraft performance at high angles of attack
- p0658 N79-30220

Rotary balance data for a single-engine trainer design for an angle-of-attack range of 0 deg to 90 deg --- conducted in largley spin tunnel
- [NASA-CP-3099] p0655 N79-31152

ANNULAR FLOW

Visualisations and calculations of air intakes at high angles of attack and low Reynolds number --- Navier-Stokes equation
- p0815 N79-22030

A survey of recent high angle of attack wind tunnel testing at Aeritalia
- p0816 N79-22034

Miniature flow-direction and airflow sensor for airplanes and radio controlled models in spin studies
- [NASA-TP-11467] p0455 N79-23001

Effect of hub and tip annular flow blockage on the local blade angle of attack of a wing-mounted propeller

Effect of injection angle on liquid injection in supersonic flow --- for increasing fuel jet penetration
- [AIAA PAPER 79-0383] p0107 A79-19700

Gonionetric aerodynamics: A different perspective: Description --- applications --- missile configurations
- [AIAA 79-1650] p0567 A79-45326

Determination of turning angle of a jet impinging flow on a bucket with visor --- for thrust reversers
- p0370 A79-20342

ANGULAR ACCELERATION

Acceleration of unbalanced flexible rotors through the critical speeds
- p0245 A79-31388

Determination of the deflection angle of a jet impinging on a deflector with an end plate --- for thrust reversers
- p0370 A79-16789

Determination of turning angle of a jet impinging on a bucket with visor --- for thrust reversers
- p0613 A79-48500

ANGULAR DISTRIBUTION

Generalized 'capacity-pressure-rotational velocity' equation for axial turbines
- p0316 A79-28718

ANNUAL NOZZLES

A jet exhaust noise prediction procedure for inverted velocity profile coaxial exhaust nozzle models and development of an annular sting support concept for abody nozzle wind tunnel testing
- [AD-A055905] p0338 N79-10003

ANTENNAS

Asymmetric distortion generation in a variable height annulus --- for compressor inlet flow
- [AIAA 79-7002] p0277 A79-29378

Antennas for the Black Hawk helicopter
- [AIAA 79-7005] p0627 A79-49968

A report on the Sperry Dome Radar
- p0637 A79-49567
APPROACH INDICATORS

- Measuring and improving ATC capacity
  p0399 779-33024
- The principle and practice of 'clutch' radar operation
  p0399 779-33025
- Advanced application of the WADGE approach aid offshore
  p0399 779-33025
- New technology 5618 simulator
  p0399 779-33458
- Air traffic control requirements from the viewpoint of the aircraft
  [DGLR PAPER 79-025] p0518 779-42353
- Missed approach of commercial aircraft regarding wind shear in the ground boundary layer
  [DGLR PAPER 79-047] p0518 779-42355
- Decelerated approach - Comparison of different procedures
  [DGLR PAPER 79-045] p0520 779-42371
- Onboard methods for increasing landing approach capacity upon introduction of MLS
  p0520 779-42373
- Decoupled longitudinal controls for shear penetration in the terminal area environment --- during approach and landing engine set landing
  [AIAA 79-1678] p0568 779-45341
- A simulator investigation of roll response requirements for aircraft with rate-compatible hold-flight control systems in the landing approach and touchdown
  [AIAA 79-1679] p0569 779-45342
- A review of helicopter control-display requirements for decelerating instrument approach
  [AIAA 79-1681] p0569 779-45345
- Development of the Navy H-Dot Automatic Carrier Landing System designed to give improved approach control in air turbulence
  [AIAA 79-1772] p0572 779-45401
- 4-D helical approach of a transport aircraft in an ATC environment
  [AIAA 79-1776] p0572 779-45404
- Advances in decelerating steep approach and landing for helicopter instrument approaches
  [AIAA 79-161] p0569 779-45067
- System capacity of the approach- and landing aid
  [SETAC] p0654 779-53655
- Comparative study of flare control laws --- optimal control of b-737 aircraft approach and landing
- Two-segment approach investigation on a moving-based pilot flight simulator
  [VTH-LR-250] p0230 779-16822
- A multi microprocessor flight control system - Architectural concepts
  [AIAA 79-1965] p0698 779-54414
- The impact of parallel computers on the design of nonlinear flight controllers
- Aircraft of an intelligent cockpit monitoring system - SECORE
- A reliable and survivable data transmission system for avionics processing
  [NRC-CP-158244] p0303 779-18973

APPROXIMATION METHODS

- U APPROXIMATION
  [AD-4073193] p0714 779-33162
- APPROXIMATIONS
  NASA authorization, 1980, volume 1, part 2
  [GEC-46-134] p0589 779-29105
- APPROXIMATION
  [AIAA 79-1776] p0618 779-33162
- NY FINEST DIFFERENCE THEORY
- NY FINEST ELEMENT METHOD
- NY LEAST SQUARES METHOD
- NY HUTCHIN-RAPPON METHOD

APPROXIMATION METHODS

- U APPROXIMATION
  [AD-4058662] p0010 779-13064
- ARC WELDING
- ARCHITECTURE
  Designing airport terminals for transfer passengers
  p0128 779-16573
- Architechon - An airport out of Arabian Nights --- Innovative airport design
  p0536 779-43732
- ARCHITECTURE (COMPUTERS)
  The Ta-68 Weapon Systems trainer
  p0350 779-32426
- Digital flight control reliability - Effects of redundancy level, architecture and redundancy management technique
  [AIAA 79-1693] p0573 779-45418
- Analysis and evaluation of current MIL-STD-1553 digital avionics architecture as the basis for advanced architectures using MIL-STD-1553
  p0636 779-48629
- Radar signal processing development for application of VHRI
  p0618 779-48664
- A case study of computer evolution in air defense, command and control, and air traffic control
  [AIAA 79-1776] p0568 779-54309
- Asole computer flight control system - Architectural concepts
  [AIAA 79-1965] p0698 779-54392
- The impact of parallel computers on the design of nonlinear flight controllers
- Architecture of an intelligent cockpit monitoring system - SECORE
- GASPL/I simulation of integrated avionics system processor architectures
  [NASA-CP-158244] p0303 779-18973
- A reliable and survivable data transmission system for avionics processing
  p0354 779-20025

ARCTIC ENVIROMENTS

- U ICE ENVIRONMENTS
  AIAA NAVIGATION
  Can low-cost VOR and Gages receivers suffice for NNAV - A new computer-based navigation technique
  p0077 779-16165
  Evolution of area navigation in the air traffic control system
  p0077 779-16172
  Investigation of different system configurations for a TARNAV navigation system taking special account of traffic load and channel requirements
  p0186 779-42365
  Fundamentals of navigation in the terminal maneuvering area
  p0521 779-42373
  Impact of area navigation on controller productivity and ATC system capacity
  p0714 779-33162
## SUBJECT INDEX

<table>
<thead>
<tr>
<th>A</th>
<th>Arrested hook installation, land based aircraft, emergency</th>
<th>0234 N79-29120</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>AR-1482446</td>
<td>0100 A79-18973</td>
</tr>
<tr>
<td>C</td>
<td>AR-1482447</td>
<td>0388 A79-34265</td>
</tr>
<tr>
<td>D</td>
<td>AR-1482448</td>
<td>0389 A79-34265</td>
</tr>
<tr>
<td>E</td>
<td>AR-1482449</td>
<td>0390 A79-34265</td>
</tr>
<tr>
<td>F</td>
<td>AR-1482450</td>
<td>0391 A79-34265</td>
</tr>
<tr>
<td>G</td>
<td>AR-1482451</td>
<td>0392 A79-34265</td>
</tr>
<tr>
<td>H</td>
<td>AR-1482452</td>
<td>0393 A79-34265</td>
</tr>
<tr>
<td>I</td>
<td>AR-1482453</td>
<td>0394 A79-34265</td>
</tr>
<tr>
<td>J</td>
<td>AR-1482454</td>
<td>0395 A79-34265</td>
</tr>
<tr>
<td>K</td>
<td>AR-1482455</td>
<td>0396 A79-34265</td>
</tr>
<tr>
<td>L</td>
<td>AR-1482456</td>
<td>0397 A79-34265</td>
</tr>
<tr>
<td>M</td>
<td>AR-1482457</td>
<td>0398 A79-34265</td>
</tr>
<tr>
<td>N</td>
<td>AR-1482458</td>
<td>0399 A79-34265</td>
</tr>
<tr>
<td>O</td>
<td>AR-1482459</td>
<td>0400 A79-34265</td>
</tr>
<tr>
<td>P</td>
<td>AR-1482460</td>
<td>0401 A79-34265</td>
</tr>
<tr>
<td>Q</td>
<td>AR-1482461</td>
<td>0402 A79-34265</td>
</tr>
<tr>
<td>R</td>
<td>AR-1482462</td>
<td>0403 A79-34265</td>
</tr>
<tr>
<td>S</td>
<td>AR-1482463</td>
<td>0404 A79-34265</td>
</tr>
<tr>
<td>T</td>
<td>AR-1482464</td>
<td>0405 A79-34265</td>
</tr>
<tr>
<td>U</td>
<td>AR-1482465</td>
<td>0406 A79-34265</td>
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<tr>
<td>V</td>
<td>AR-1482466</td>
<td>0407 A79-34265</td>
</tr>
<tr>
<td>W</td>
<td>AR-1482467</td>
<td>0408 A79-34265</td>
</tr>
<tr>
<td>X</td>
<td>AR-1482468</td>
<td>0409 A79-34265</td>
</tr>
<tr>
<td>Y</td>
<td>AR-1482469</td>
<td>0410 A79-34265</td>
</tr>
<tr>
<td>Z</td>
<td>AR-1482470</td>
<td>0411 A79-34265</td>
</tr>
</tbody>
</table>

## ASSEMBLIES

<table>
<thead>
<tr>
<th>A</th>
<th>ARNOLD</th>
<th>0231 N79-16825</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>ARROW</td>
<td>0601 A79-47012</td>
</tr>
<tr>
<td>C</td>
<td>ASBESTOS</td>
<td>0100 A79-18973</td>
</tr>
<tr>
<td>D</td>
<td>ASBESTOS</td>
<td>0101 A79-18973</td>
</tr>
<tr>
<td>E</td>
<td>ASBESTOS</td>
<td>0102 A79-18973</td>
</tr>
<tr>
<td>F</td>
<td>ASBESTOS</td>
<td>0103 A79-18973</td>
</tr>
<tr>
<td>G</td>
<td>ASBESTOS</td>
<td>0104 A79-18973</td>
</tr>
<tr>
<td>H</td>
<td>ASBESTOS</td>
<td>0105 A79-18973</td>
</tr>
<tr>
<td>I</td>
<td>ASBESTOS</td>
<td>0106 A79-18973</td>
</tr>
<tr>
<td>J</td>
<td>ASBESTOS</td>
<td>0107 A79-18973</td>
</tr>
<tr>
<td>K</td>
<td>ASBESTOS</td>
<td>0108 A79-18973</td>
</tr>
<tr>
<td>L</td>
<td>ASBESTOS</td>
<td>0109 A79-18973</td>
</tr>
<tr>
<td>M</td>
<td>ASBESTOS</td>
<td>0110 A79-18973</td>
</tr>
<tr>
<td>N</td>
<td>ASBESTOS</td>
<td>0111 A79-18973</td>
</tr>
<tr>
<td>O</td>
<td>ASBESTOS</td>
<td>0112 A79-18973</td>
</tr>
<tr>
<td>P</td>
<td>ASBESTOS</td>
<td>0113 A79-18973</td>
</tr>
<tr>
<td>Q</td>
<td>ASBESTOS</td>
<td>0114 A79-18973</td>
</tr>
<tr>
<td>R</td>
<td>ASBESTOS</td>
<td>0115 A79-18973</td>
</tr>
<tr>
<td>S</td>
<td>ASBESTOS</td>
<td>0116 A79-18973</td>
</tr>
<tr>
<td>T</td>
<td>ASBESTOS</td>
<td>0117 A79-18973</td>
</tr>
<tr>
<td>U</td>
<td>ASBESTOS</td>
<td>0118 A79-18973</td>
</tr>
<tr>
<td>V</td>
<td>ASBESTOS</td>
<td>0119 A79-18973</td>
</tr>
<tr>
<td>W</td>
<td>ASBESTOS</td>
<td>0120 A79-18973</td>
</tr>
<tr>
<td>X</td>
<td>ASBESTOS</td>
<td>0121 A79-18973</td>
</tr>
<tr>
<td>Y</td>
<td>ASBESTOS</td>
<td>0122 A79-18973</td>
</tr>
<tr>
<td>Z</td>
<td>ASBESTOS</td>
<td>0123 A79-18973</td>
</tr>
</tbody>
</table>
ASSEMBLING
Tooling and assembly procedures, serviceability improvements --- for aircraft composite structures
p0209 A79-24090

Y-C-14 thermoplastic/graphite elevator
p0529 A79-43241

Assembly and testing of flight-vehicle hydraulic and pneumatic systems /2nd enlarged and revised edition/ --- Russian book
p0568 A79-44893

ASSESSMENTS
MT TECHNOLOGY ASSESSMENT
ASSOCIATIONS
U ORGANIZATIONS
ASSURANCE
Fabrication and quality assurance procedure to assure a symmetrical lifting parachute
[AIAA 79-0627] p0262 A79-26636

ASSETHY
Asymmetrical swirling flows in turbomachinery annulus
[AD-A065588] p0490 A79-24229

Circumferential asymmetry in axial flow compressors
p0382 A79-21056

ASYMPTOTIC METHODS
Contribution to the asymptotic theory of flows at the trailing edge of a slender wing
p0199 A79-12127

An alternative approach to the high aspect ratio wing with jet flap by matched asymptotic expansions

ASYMPTOTIC SERIES
Contribution to the asymptotic theory of sonic flow past airfoil profiles
p0668 A79-51347

An asymptotic result for the scattering of a plane wave by a smooth convex cylinder
[AD-A065588] p0490 A79-24229

ATELIER
Factors and tradeoffs affecting ram-air parachutes designed for civilian personnel applications
[AIAA 79-0657] p0264 A79-26660

ATMODYNS
U RAMJET ENGINES
AVLIT PROJECT
Comparison of theoretical predicted longitudinal aerodynamic characteristics with full-scale wind tunnel data on the AVLIT airplane

ATMOSPHERES
MT EQUATORIAL ATMOSPHERE
ATMOSPHERIC ABSORPTION
U ATMOSPHERIC ATTENUATION
ATMOSPHERIC ATTENUATION
Thermospheric propagation of sonic booms from the Concorde supersonic transport
[AD-A065588] p0505 A79-25655

ATMOSPHERIC BOUNDARY LAYER
A small aircraft gust-probe system for studies of boundary layer convection and transport
p0193 A79-21972

The effect of blockage in shear flow in the wind tunnel
[BD-221] p0441 A79-23125

ATMOSPHERIC CHEMISTRY
Nitrogen oxide air pollution. Part 3: Atmospheric chemistry. A bibliography with abstracts
[NTIS/PD-78/0873/2] p0098 A79-12593

ATMOSPHERIC CIRCULATION
Lap-lag-torsion aeroelastic stability of circulations-controlled rotors in hover
[FANS 70-641] p0126 A79-18185

The status of air motion measurements on NCAI aircraft
p0193 A79-21973

Analysis of air motion measurements from aircraft
p0194 A79-21992

ATMOSPHERIC COMPOSITION
MT ATMOSPHERIC MOISTURE
Simultaneous measurements of ozone outside and inside cabins of two K-747 airliners and a Gates Learjet business jet
p0278 A79-27571

ATMOSPHERIC CONDITIONS
U METEOROLOGY
ATMOSPHERIC DIFFUSION
Atmospheric dispersion modeling --- for air pollutants
p0206 A79-23742

ATMOSPHERIC EFFECTS
Correlation technique for ambient effects on oxides of nitrogen --- from combustion products in atmospheric pollution
p0641 A79-48922

ATMOSPHERIC ELECTRICITY
Conference on Certification of Aircraft for Lightning and Atmospheric Electricity Hazards, Chatillon-sous-Bagneux, Hauts-de-Seine, France, September 14-21, 1976, Proceedings
p0660 A79-51126

Laboratory tests to simulate lighting streamers at apertures /4 qualification tests/

Laboratory tests for undesired conducted currents and surge voltages caused by lightning /Qualification test/

Tests on actual aircraft for electromagnetic effects /Engineering tests/

Lightning hazards to aircraft
p0243 A79-17420

Summary report of the Lightning and Static Electricity Committee
p0243 A79-17427

Atmospheric Electricity Hazard (AEH)
[AD-A069338] p0651 A79-30169

Lightning hazards overview: Aviation requirements and interests
p0662 A79-30876

ATMOSPHERIC EFFECTS
U AIR POLLUTION

ATMOSPHERIC MODELS
MT DYNAMIC MODELS
Atmospheric dispersion modeling --- for air pollutants
p0206 A79-23742

ATMOSPHERIC MOISTURE
Environmental models for moisture absorption by aircraft composites
p0278 A79-27572

ATMOSPHERIC OPTICS
Plane problems of aerothermooptics --- refraction in two-dimensional nonuniform medium
p0266 A79-26865

ATMOSPHERIC PHYSICS
MT CLOUD PHYSICS
Research aircraft and their capabilities --- in atmospheric environmental measurements
p0193 A79-21971

The ATMOSAT Program 1975-78 --- manned superpressure balloon flights for atmospheric monitoring
[AD-A065588] p0505 A79-25655

ATMOSPHERIC RADIATION
Observation of atmospheric interactions at aeroplane altitude --- gamma ray emission experiments
p0461 A79-37573

ATMOSPHERIC TEMPERATURE
A comparison of temperatures and winds reported by the Concorde SST with data obtained from radiosonde and satellite observations
p0194 A79-21991

ATMOSPHERIC TURBULENCE
MT CLEAR AIR TURBULENCE
MT GUSTS
MT LOW LEVEL TURBULENCE
Helicopter simulation in atmospheric turbulence
p0131 A79-18663

Comments on a proposed standard wind hazard environment and its use in real-time aircraft simulations
[AIAA PAPER 79-0324] p0145 A79-19667

Solar and aircraft measurements of turbulence parameters within cooling tower plumes
p0193 A79-21967

Simultaneous measurements of turbulence in the lower atmosphere using sodar and aircraft measurements
p0193 A79-21968

The Cessna-207 aircraft turbulence and temperature measuring system
p0194 A79-21974

Longitudinal motion of an aircraft in unsteady flow
p0212 A79-24194

SUBJECT INDEX
ATTITUDE INDICATORS

and landing: Development of capability and preliminary results
[NASA-CP-152307] p0359 A79-29196
ATTITUDE INDICATORS

Low-cost inertial navigation for moderate-g missions
ATTITUDE INDICATORS

Application of a north seeking heading and attitude reference for the autonomous navigation of helicopters
p0668 A79-14668
Reconstructed flight control sensor signals via Laserbeamer observers
p0349 479-32156

F-A-18 Hornet display system
p0617 A79-48630
ATTITUDE STABILITY

MT DIRECTIONAL STABILITY
MT CYCLOSTIC STABILITY
MT LATERAL STABILITY
MT LONGITUDINAL STABILITY

Comment on 'Flight test of stick force stability in attitude-stabilized aircraft'
[ MB-TR-77027-F] p0294 879-17875
The need of stick force stability for attitude-stabilized aircraft, Part 2
[ MB-TR-77027-F] p0294 A79-17875

AUDIO EQUIPMENT

MT MICROPHONES
MT VISUAL EQUIPMENT

U SPOTTING DEVICES
U VISUAL AIDS

AUDITORY DEFECTS

Analysis of noise in 05 army aircraft
[ NASA-TR-061351] p0233 A79-16844

AUDITORY PERCEPTION

On the loudness of sonic booms and other impulsive sounds --- auditory perception
[ STIAS-236] p0245 A79-17658

AUGMENTATION

MT STABILITY AUGMENTATION
MT THRUST AUGMENTATION

An experimental investigation of turbocom pressor and jet cell augmentors
[ AD-057903] p056 A79-12101
A piloted simulator study on augmentation systems to improve helicopter flying qualities in terrain flight

AUTOMATION THEORY

Analytic design of airplane automatic pitch controller
p0669 A79-14863

AUTOMATIC CONTROL

MT ADAPTIVE CONTROL
MT AUTOMATIC FLIGHT CONTROL
MT AUTOMATIC LANDING CONTROL
MT CASCADE CONTROL
MT DYNAMIC CONTROL
MT FEEDBACK CONTROL
MT HYDRAULIC CONTROL
MT OPTIMAL CONTROL
MT PROPORTIONAL CONTROL
MT SELF ALIGNMENT
MT SEQUENTIAL CONTROL
MT TIE OPTIMAL CONTROL

Multi-sensor utilization investigation --- for automated ATC surveillance
p0003 A79-10332
Optimal control of helicopter longitudinal motion on the basis of an operational algorithm
p0669 A79-14873

General principles of automatic video trackers. II - Area trackers
p0701 A79-15159

Automated OMEGA/VT ocean monitoring and forecasting for air traffic safety enhancement - A progress report
p0777 A79-16364
The future - ARTS III --- Automated Radar Terminal Systems for air traffic control
p0159 A79-22705
Development and initial test results of parachutes with automatic inflation modulation (AIM)
[ FAA 79-0467] p0265 A79-26673
Development and initial test results of parachutes with Automatic Inflation Modulation (AIM)
[ FAA 79-0467] p0402 A79-33618
Advanced braking controls for business aircraft
[ SAP PAPER 750599] p0455 A79-36731

SUBJECT INDEX

Technical calculation methods for automatic collision recognition and avoidance in air traffic
[ DLIR PAPER 75-035] p0519 A79-42362
Automated tracking for aircraft surveillance radar systems
p0638 A79-49608

Modern systems for air traffic control
p0467 A79-50921

Automated VHF Frequency Assignment System (PAS) for FAA air traffic control communications
[ AD-061336] p0225 A79-16172
ARTS/ATC simulation test with site-adaptation logic
[ FAA-M-78-42] p0237 A79-16879

The Impact of Integrated Guidance and Control Technology on Weapons Systems Design
[ AGARD-CP-257] p0353 A79-20009
A reliable and survivable data transmission system for avionics processing
p0356 A79-20025

Structural aspects of active controls
p0658 A79-30221

Dynamic wind tunnel simulation of active control systems
p0659 A79-30233

Central flow control software design document. Volume 1: Operational software complex --- automation support to the Air Traffic Control System Command Center
[ AD-070973] p0663 A79-30959
[ AD-070973] p0663 A79-30960

AUTOMATIC CONTROL VALVES

MT PRESSURE REGULATORS
MT RELIEF VALVES

Dynaic behaviour and control of single-shaft closed-cycle gas turbines
p0422 A79-22065

AUTOMATIC DATA PROCESSING

MT LATITUDE Dynamic Flight Control
MT AUTOMATIC LANDING CONTROL

Automatic stabilization of helicopters --- Russian book
p0607 A79-14550
Analytic design of airplane automatic pitch controller
p0689 A79-14863
Simulation of automatic flight control system failures
[ AHS 78-28] p0122 A79-18159
The impact of the total lighting environment on aircraft flight control systems
p0240 A79-25319
Redundant control systems for flight vehicles --- Russian book
p0258 A79-25875

Strike Drone - A defense suppression concept using unmanned cruise/loiter/attack vehicle
[ SAP PAPER 781017] p0256 A79-25849
Development of the L-1011 Flight Management System
p0260 A79-26555
Advanced on route air traffic control automation
p0274 A79-27129

System for stabilizing the vertical overload of an aircraft
p0315 A79-28607

p0606 A79-34504

Drone formation control system (DFCS) - A new generation test range system
p0488 A79-36084

Westland unveils W30 transport helicopter
p0462 A79-38092
Digital flight control research using microprocessor technology
p0685 A79-38533

Flight control. II - Control system design
document
p0641 A79-49925

Automation support to the Air Traffic Control System Command Center
[ AD-070973] p0663 A79-30959

[ AD-070973] p0663 A79-30960

AUTOMATIC FLIGHT CONTROL

MT AUTOMATIC LANDING CONTROL

Automatic stabilization of helicopters --- Russian book
p0607 A79-14550
Analytic design of airplane automatic pitch controller
p0689 A79-14863
Simulation of automatic flight control system failures
[ AHS 78-28] p0122 A79-18159
The impact of the total lighting environment on aircraft flight control systems
p0240 A79-25319
Redundant control systems for flight vehicles --- Russian book
p0258 A79-25875

Strike Drone - A defense suppression concept using unmanned cruise/loiter/attack vehicle
[ SAP PAPER 781017] p0256 A79-25849
Development of the L-1011 Flight Management System
p0260 A79-26555
Advanced on route air traffic control automation
p0274 A79-27129

System for stabilizing the vertical overload of an aircraft
p0315 A79-28607

p0606 A79-34504

Drone formation control system (DFCS) - A new generation test range system
p0488 A79-36084

Westland unveils W30 transport helicopter
p0462 A79-38092
Digital flight control research using microprocessor technology
p0685 A79-38533

Flight control. II - Control system design
document
p0641 A79-49925

Automation support to the Air Traffic Control System Command Center
[ AD-070973] p0663 A79-30959

[ AD-070973] p0663 A79-30960
AUTOMATIC LANDING CONTROL
Increasing effectiveness of piloting systems by modern methods of digital signal processing
[DGRL PAPER 79-008] p0520 A79-82369
Technical means for automation of air navigation
[DGRL PAPER 79-006] p0520 A79-82372
The DC-9-80 digital flight guidance system's monitoring techniques
[ATAI 79-170] p0570 A79-85313
Development of a control wheel steering mode and suitable displays that reduce pilot workload and improve efficiency and safety of operation in the terminal area and in windshear
[ATAI 79-1987] p0573 A79-85418
Piloted simulator investigation of helicopter control systems effects on handling qualities during instrument flight
[ABS 79-26] p0629 A79-89078
The evolution of the high-angle-of-attack features of the T-16 flight control system
[CR-532] p0646 A79-50438
The impact of parallel computers on the design of nonlinear flight controllers
[ATAI 79-1989] p0658 A79-85414
A nonlinear trajectory command generator for a digital flight-control system
Development of the integrated flight trajectory control concept
[AGC-CP-260] p0353 A79-20015
Display/control requirements for automated VIOL aircraft
Evaluation of a digital helicopter control system --- 80-105 helicopter
Study of the theoretical to real correspondence of an optical control model and the significance of this model for the description of working methodology with partly automated aircraft guidance and control systems
[ILL-35] p0556 A79-27184
Stability and control --- conferences
[AGC-CP-260] p0358 A79-30218
Systems implications of active controls
[AGC-CP-260] p0358 A79-30219
Enhanced fighter mission effectiveness by use of integrated flight systems
[AGC-CP-260] p0358 A79-30223
Improvement of fighter aircraft maneuverability through employment of control configured vehicle technology
[AGC-CP-260] p0358 A79-30225
L-1011 active controls, design philosophy and experience
[AGC-CP-260] p0358 A79-30236
Flight performance of the TCV B-737 airplane at Kennedy Airport using TSB/MLG guidance
AUTOMATIC LANDING CONTROL
Infrared landing system for a mini remotely-piloted vehicle
[AGC-CP-260] p0515 A79-12033
Flight control safety - A total systems approach
[AGC-CP-260] p0572 A79-15371
VIOL aircraft optimal state-space tracking control
[AGC-CP-260] p0572 A79-15373
Flight test of a VIOL digital autoland system along complex trajectories
[ATAI 79-170] p0570 A79-85358
Development of the Navy H-80 Automatic Carrier Landing System designed to give improved approach control in air turbulence
[ATAI 79-1777] p0572 A79-85401
The T-5 E simulator - A comparison with flight test results
[AGC-CP-260] p0643 A79-50169
Comparative study of flight control laws -- optical control of B-737 aircraft approach and landing
Development of a digital guidance and control law for steep approach automatic landings using modern control techniques
VIOL controls for shipboard landing
Wind shear during approach: An investigation into the influence of a tower measured wind environment on the symmetric motions of a simulated aircraft during an automatic approach
[MLA-TR-77078-U] p0704 A79-32192
AUTOMATIC PILOT
AUTOMATIC PILOT RECOGNITION
AUTOMATIC PILOT RECOGNITION
AUTOMATIC PILOT RECOGNITION
AUTOMATIC PILOT RECOGNITION
AUTOMATIC PILOT RECOGNITION
AUTOMATIC PILOT RECOGNITION
AUTOMATIC PILOT RECOGNITION
AUTOMATIC PILOT RECOGNITION
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AUTOMATIC PILOT RECOGNITION
AUTOMATIC PILOT RECOGNITION
AUTOMATIC PILOT RECOGNITION
AUTOMATIC PILOT RECOGNITION
<table>
<thead>
<tr>
<th>Automotive</th>
<th>Subject Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital integrated test system improves testability --- of avionics</td>
<td>p0080 A79-16416</td>
</tr>
<tr>
<td>Adjustment diagnostics for gas turbine engine controls</td>
<td>p0080 A79-16419</td>
</tr>
<tr>
<td>Operator and technician tasks for the heads-up display test set and versatile avionics shop test /F137/</td>
<td>p0080 A79-16446</td>
</tr>
<tr>
<td>Structural Integrity Recording System for helicopters [ARS 78-57]</td>
<td>p0125 A79-18178</td>
</tr>
<tr>
<td>Dynamic response testing of gas turbines [ASME PAPERS 78-ST-31]</td>
<td>p0156 A79-22332</td>
</tr>
<tr>
<td>New test concepts and their influence on maintenance [DGLR 79-022]</td>
<td>p0347 A79-31949</td>
</tr>
<tr>
<td>New techniques in jet engine balancing</td>
<td>p0607 A79-40314</td>
</tr>
<tr>
<td>Test implementation through support software - A PIT translator --- automated Fault Isolation Tests on airborne radar system</td>
<td>p0620 A79-48587</td>
</tr>
<tr>
<td>Automatic test software for calibrating strapdown systems</td>
<td>p0620 A79-48589</td>
</tr>
<tr>
<td>Automatic test program generation selection --- for aircraft structures</td>
<td>p0620 A79-48590</td>
</tr>
<tr>
<td>The impact of software in automatic test equipment --- for evaluation of radar analog to digital converter</td>
<td>p0620 A79-48591</td>
</tr>
<tr>
<td>A Navy plan for the development of a practical, computer-aided programming /CAP/ system for analog circuit test design</td>
<td>p0623 A79-48870</td>
</tr>
<tr>
<td>Air Force modular automatic test equipment development program</td>
<td>p0624 A79-48878</td>
</tr>
<tr>
<td>ATP and aircraft mechanical diagnostics</td>
<td>p0624 A79-48883</td>
</tr>
<tr>
<td>AW/USA-445/V/ ATP for worldwide support of the P3 Orion</td>
<td>p0624 A79-48894</td>
</tr>
<tr>
<td>Can avionic testability requirements be enforced</td>
<td>p0624 A79-48897</td>
</tr>
<tr>
<td>Avionics design for testability - A vendor's viewpoint</td>
<td>p0624 A79-48869</td>
</tr>
<tr>
<td>Testability, the key to economical and operationally effective avionic test software</td>
<td>p0625 A79-48890</td>
</tr>
<tr>
<td>Techniques for fault isolation ambiguity reduction --- in military avionics</td>
<td>p0625 A79-48891</td>
</tr>
<tr>
<td>F-16 depot automatic test equipment</td>
<td>p0625 A79-48895</td>
</tr>
<tr>
<td>A new U.D.T./Test station interface</td>
<td>p0625 A79-48896</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Automation</th>
<th>Aircraft Engines</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automation in air traffic control - Planning for the 1980s within the province of the Federal Institute of Air Traffic Control</td>
<td>p0117 A79-17693</td>
</tr>
<tr>
<td>ATC operations in first decade of en automation</td>
<td>p0204 A79-23582</td>
</tr>
<tr>
<td>A Modular C3 concept for air traffic control --- Command Control Communications</td>
<td>p0205 A79-23591</td>
</tr>
<tr>
<td>FAA air traffic control automation - trends</td>
<td>p0266 A79-26671</td>
</tr>
<tr>
<td>Advanced en route air traffic control automation</td>
<td>p0274 A79-27129</td>
</tr>
<tr>
<td>Technical means for automation of air navigation</td>
<td>p0534 A79-43513</td>
</tr>
<tr>
<td>Master plan flight service station automation program [AD-4052001/5]</td>
<td>p0361 A79-21036</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Automobile Engineering</th>
<th>Aircraft Engines</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regenerator matrices for automotive gas turbines</td>
<td>p0526 A79-42981</td>
</tr>
<tr>
<td>Investigation of turbo-dyne energy cluster (GIF value trademark): an air bleed device [PB-285381/0]</td>
<td>p0516 A79-18397</td>
</tr>
<tr>
<td>Update of development on the new build 350 rotary engine generation --- for application to</td>
<td>p0872 A79-15359</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Aviation</th>
<th>Auxiliary Power Sources</th>
</tr>
</thead>
<tbody>
<tr>
<td>The electronic flight deck</td>
<td>p0016 A79-11175</td>
</tr>
<tr>
<td>F-16 Avionics Intermediate Shop self-test</td>
<td>p0033 A79-12302</td>
</tr>
<tr>
<td>Support systems for advanced military electronics --- ATE design trends</td>
<td>p0023 A79-12305</td>
</tr>
<tr>
<td>Testing of avionics display systems</td>
<td>p0023 A79-12309</td>
</tr>
<tr>
<td>Management of test program development for 5-3A --- avionics, maintainability and automatic test equipment</td>
<td>p0023 A79-12319</td>
</tr>
<tr>
<td>Commercial test software development practices for military applications --- for avionics support equipment</td>
<td>p0023 A79-12320</td>
</tr>
<tr>
<td>F-16 LRU test programs --- A systems approach --- Line Replaceable Units</td>
<td>p0023 A79-12321</td>
</tr>
<tr>
<td>Resource conservation through airborne electronics</td>
<td>p0052 A79-13079</td>
</tr>
<tr>
<td>Technological advancements in general aviation avionics</td>
<td>p0052 A79-13083</td>
</tr>
<tr>
<td>The evolving air transport avionics</td>
<td>p0052 A79-13084</td>
</tr>
<tr>
<td>Tacan RIV program --- Reliability Improvement Warranty for avionics</td>
<td>p0072 A79-15359</td>
</tr>
</tbody>
</table>
Operational influence on avionics reliability

Cockpit displays for advanced navigation - Circa 2000

Integrated computer-display system for modern anti-tank/combat helicopters

Chief features of future helicopter avionics

Presentation of thermal or residual-light TV images on head-up displays for night and all-weather operations - for military helicopters

CITS - Tomorrow's test system today - Central Integrated Test System for B-1 avionics

Shop test success as a function of the airborne system design - in J-16 avionics

Digital integrated test system improves testability

Digital computer/monitor/signaler for airborne avionics

The challenge of new technology for avionics testing - U.S. Air Force assessment

Operator and technician tasks for the heads-up display test set and versatile avionics shop test /AAT/ - General

Reliability improvement program - for military aircraft electronic components

The design and fabrication of the de Havilland DHC-7 nose avionics compartment using aramid composites

Multiplex system for the Hughes advanced attack helicopter - YAH-64

Fly-by-wire for vertical lift /AV-8/ - General

Pilot night vision system /PNVS/ for advanced attack helicopter /AV-8/ - General

A versatile approach to cockpit management - for military helicopter control and display avionics

Development of a solid state vertical instrument display system - for helicopters

Electronic control for helicopter engines

Aerospace and military - Progress in space structure research, aircraft landing systems, integrated optics, and digital communications

Airborne Early Warning /AEW/ and Chaswick Memorial Lecture

Reliability growth planning to achieve RTV/GMTBF requirements for an airborne radar

Advances in avionics - emphasizing microprocessor technology and integrated circuits

Avionics systems needed to optimize V/STOL potential

Future avionics - Keeping capability gap down

The coming of age of digital electronics in commercial transports - emphasizing signal processing technology and Boeing 767 avionics

Future advanced technology rotorcraft /AAT/ - General

Multinode radar processor - for cacti for civilian aircraft

Digital Avionics Information System /DAIS/ and Advanced Integrated Display System /AIDS/ - General

Integrated optics, and digital communications

Electronic maps for tomorrow's cockpits - for terrain navigation

Computers on the airliner flight deck

Engineer's handbook of flight and radio equipment of airplanes and helicopters

Construction and calibration of pitot-static systems

High power UHF slide screw tuner for antenna breakdown measurements

The new P3C Orion aircraft with the FAA

Permanent magnet generators - Next generation in VSCP power systems - Variable Speed Constant Frequency

Suppression of radio-electrical disturbances of electrostatic origin on aircraft

The results of synthesizing and evaluating potential solutions for Multiple-Function Inertial Reference Assembly (MIRA) candidate configurations - for transport and fighter aircraft

Boeing 757/767 - On-the-spot report

As optical-fiber multiterminal data system for aircraft

A Demonstration Advanced Avionics System for general aviation - SAE Paper 790569

Electronic system safety - Testing reality - for avionics

The Digibus multiplex at the heart of avionics

F-10 - A special report

Night/Adverse Weather 8-10 evaluator program

Exploring team avionics systems by simulation

The F-16 PWS program - Reliability Improvement Warranty

CERT technology applied to an airborne radar - Combined Environment Reliability Testing

Lower avionic temperature - Lower life cycle cost

ETCA standards - Improved specs. and regulations - in avionics equipment

The effect of endless burn-in on reliability growth projections - for solid state aviation electronics equipment


Avionics computer software operation and support cost estimation

Analysis and evaluation of current MIL-STD-1553 digital avionics architecture as the basis for advanced architectures using MIL-STD-1553E

The effect of standardization of avionics software quality assurance

Power hybridization - Key to reducing avionics power supply weight and volume

Verification of operational flight programs by simulation

Computer Monitor and Control - A flexible, cost-effective implementation

Evolving methods for reducing avionics data in an AIF environment - Avionics Integration Support Facility flight program testing

Microcomputer control of a test facility - for avionics

Operational experience with the AN/ARN-131 Omega Navigation Set

A-93
AVIONICS CONID SUBJECT INDEX

Flight controls/avionics research - Impact on STAR flight control system
Implementation of an optimum profile guidance system on STOLAND
A real time video bandwidth reduction system based on a CCD Bäärssand transverse device --- for avionics
Integrated CNI avionics --- ECM-resistant Communication, Navigation and Identification
Can avionic testability requirements be enforced?
Avionics design for testability - An aircraft contractor's viewpoint
Avionics design for testability - A vendor's viewpoint
Testability, the key to economical and operationally effective avionic test software
Techniques for fault isolation ambiguity reduction --- in military avionics
F-16 avionics maintenance concept and multineural aspects
Helmet mounted display and sight development
NASA/Princeton digital avionics flight test facility
Advanced crew station concepts, displays, and input/output technology for civil aircraft of the future
Protection/hardening of aircraft electronic systems against the indirect effects of lightning
The determination of margins of safety for critical aircraft systems --- electronic equipment EMC
Electrical bonding problems in aircraft
Flight controls/avionics research - Impact on future civil helicopter operating efficiency and mission reliability
STAR flight control system
Fly-by-wire tail rotor controls
Measuring metres to the target
Problems in testing electrically conductive structural adhesives
Assessment of software development and maintenance costs due to retrofit of embedded avionic computer
Distributed microprocessors in avionics systems
Fixed byte and hit slice microcomputer survivability techniques --- in aircraft subject to electromagnetic or nuclear radiation
Architecture of an intelligent cockpit monitoring system - SECURE
Implementation of an optimum profile guidance system on STOLAND
Space release and timing parameters in avionics computer system requirements

In-flight support software - a FIT translator --- automated Fault Isolation Tests on airborne radar system
Rapid reaction time techniques for a straddled navigator employing electrostatic gyro technology

The Avionics Laboratory Predictive Operations and Support (ALPOS) cost model, volume 3
A computer-controlled avionics-data acquisition system
Integrated Thermal Avionics Design (ITAD)
A computer-controlled avionics-data acquisition system
Dynamic simulation of a multi-sensor communication and navigation system --- computer program verification
Mission simulation as an aid to display assessment --- cockpit simulators
Display/control requirements for automated ATOL aircraft
Digital Avionics Information System (DAIS) serial Input/Output (I/O) exercise
STAR flight control system
Fly-by-wire tail rotor controls
Measuring metres to the target
Problems in testing electrically conductive structural adhesives
Assessment of software development and maintenance costs due to retrofit of embedded avionic computer
Distributed microprocessors in avionics systems
Fixed byte and hit slice microcomputer survivability techniques --- in aircraft subject to electromagnetic or nuclear radiation
Architecture of an intelligent cockpit monitoring system - SECURE
Implementation of an optimum profile guidance system on STOLAND
Space release and timing parameters in avionics computer system requirements

Integrated CNI avionics --- ECM-resistant Communication, Navigation and Identification
Can avionic testability requirements be enforced?
Avionics design for testability - An aircraft contractor's viewpoint
Avionics design for testability - A vendor's viewpoint
Testability, the key to economical and operationally effective avionic test software
Techniques for fault isolation ambiguity reduction --- in military avionics
F-16 avionics maintenance concept and multineural aspects
Helmet mounted display and sight development
NASA/Princeton digital avionics flight test facility
Advanced crew station concepts, displays, and input/output technology for civil aircraft of the future
Protection/hardening of aircraft electronic systems against the indirect effects of lighting
The determination of margins of safety for critical aircraft systems --- electronic equipment EMC
Electrical bonding problems in aircraft
Flight controls/avionics research - Impact on future civil helicopter operating efficiency and mission reliability
STAR flight control system
Fly-by-wire tail rotor controls
Measuring metres to the target
Problems in testing electrically conductive structural adhesives
Assessment of software development and maintenance costs due to retrofit of embedded avionic computer
Distributed microprocessors in avionics systems
Fixed byte and hit slice microcomputer survivability techniques --- in aircraft subject to electromagnetic or nuclear radiation
Architecture of an intelligent cockpit monitoring system - SECURE
Implementation of an optimum profile guidance system on STOLAND
Space release and timing parameters in avionics computer system requirements
AXISYMMETRIC FLOW

Effect of base cavities on the aerodynamic drag of an axisymmetric cylinder

AXISYMMETRIC FLOW

NT ANNUAR FLOW

Operation of a multistage axial compressor with root-twisted blades from viewpoint of three-dimensional axisymmetric flow theory

A transonic wind tunnel interference assessment - Axisymmetric flows

Some low-speed experimental results on the effects of swirl and velocity distribution on an axisymmetric jet

Influence of fundamental parameters on the super sonic base flow problems in presence of an exhaust jet

Axisymmetric calculations of transonic wind tunnel interference in slotted test sections

The effect of blade-to-blade flow variations on the mean flow-field of a transonic compressor

Steady and unsteady vortex-induced asymmetric loads - Review and further analysis - on slender axisymmetric bodies

Measurements in a large angle oblique jet impingement flow

BALLAST (MASS)

BALLBEARINGS

BALANCING

B-52 AIRCRAFT

B-52 aircraft gross weight computational system

Reliability growth on B-52 FLIR system

Validation of IEMCAP using the B-52 - Integrated Electro Magnetic Compatibility Analysis Program

Load and dynamic assessment of B-52B-008 carrier aircraft for finned configuration 1 space shuttle solid rocket booster decelerator subsystem drop test vehicle. Volume 1: Summary

Load and dynamic assessment of B-52B-008 carrier aircraft for finned configuration 1 space shuttle solid rocket booster decelerator subsystem drop test vehicle. Volume 2: Airplane flutter and load analysis results

Giant image 2 reliability and maintainability B-520 [AD-A057938] p0049 N79-11291

B-52B-008/DTV (Drop Test Vehicle) configuration 1 (with and without fins) flight test results - Captive flight and drop test missions

BAC AIRCRAFT

BAC 111 AIRCRAFT

BAC 111 AIRCRAFT

BAC AIRCRAFT

BAC 111 AIRCRAFT

BAC 111 AIRCRAFT

DAS for TRA navigation --- DHA Azimuth System for Terminal Maneuvering Area

The DME-based Azimuth System /DAS/ as a commercial navigation aid

BAILOUT

BAILOUT

BAILOUT

BALLAST

BALANCE

BALANCE

Balisonting qasturbine engine flexible rotor balancing by the IP-search method

On the balancing convergence of flexible rotors, with special reference to asymmetric rotors

Laser balancing demonstration on a high-speed flexible rotor

New techniques in jet engine balancing

Computer-assisted high-speed balancing of T53 and T55 power turbines

BALL BEARINGS

Dynamics of nonideal gyroscopic systems

Filtering effects on ball bearing life and condition in a contaminated lubricant

Review of aircraft bearing rejection criteria and causes

BALLAST (MASS)

Previsions and experimental results in open balloon controlled descent
Development of a research plan for the improvement of aerodynamic models for analysis of ballistic range data.

Development and testing of a shipboard launched balloon system.

The ARAQAT Program 1975-78 --- manned superpressure balloon flights for atmospheric monitoring.

Transatlantic flights of stratospheric balloons.

Previsions and experimental results in open balloon controlled descent.

Wind study for high altitude platform design.

Tethered telecommunications, broadcast, and monitoring systems.


Design specifications for the capped balloons with special reference to their survival in the equatorial tropopause.

Lighter-than-air vehicles. Citations from the NTIS data base.

Lighter-than-air vehicles. Citations from the Engineering Index data base.

Performance evaluation of the experimental ECAS/Beacon Collision Avoidance System.

Application of the isothermal square bend process to F14 wing beams.

Effective rigidity of a thin-walled beam.

Bearing errors in the VHF osnirange due to effective rigidity of a thin-walled beam.

Bearingless rotors. Derivation of control loads for bearingless rotor systems. Application of the isothermal square bend process to F14 wing beams. Effective rigidity of a thin-walled beam.

Full scale ground and air resonance testing of the E-3A antenna pedestal turntable.

Bearingless rotors. Derivation of control loads for bearingless rotor systems. Application of the isothermal square bend process to F14 wing beams. Effective rigidity of a thin-walled beam.

Bearingless rotors. Derivation of control loads for bearingless rotor systems. Application of the isothermal square bend process to F14 wing beams. Effective rigidity of a thin-walled beam.

Full scale ground and air resonance testing of the E-3A antenna pedestal turntable.
Elasticity of laminar flow control system concepts for subsonic commercial transport aircraft [NASA-CE-158899] p0286 179-2-2703
A viscous/potential flow interaction analysis for circulation controlled airfoils [AD-100791] p0318 179-2-2350
Performance of a V/STOL tilt nacelle inlet with blowing boundary layer control [NASA-76-7976] p0341 179-2-1579
Subsonic wind-tunnel investigation of leading-edge devices on delta wings (data report) [NASA-74-27093] p0349 879-2-3505
A viscous/potential flow interaction analysis for circulation controlled airfoils [AD-100791] p0359 179-2-6503

Determination of friction losses in a turbine blade boundary layer [NASA-79-23377] p0114 179-2-1315
On a property of the linearized boundary layer equations with self-induced pressure [NASA-79-41568] p0199 179-2-1315
Scaling effects on shock-induced separation [NASA-79-28122] p0579 179-2-1315

A general correction method of the interference in 2-dimensional wind tunnels with ventilated walls [NASA-79-10687] p0512 179-2-1315
Contribution to the asymptotic theory of flows at the trailing edge of a slender wing [NASA-79-12127] p0199 179-2-1315
Measurements in an axisymmetric turbulent boundary layer with weak and strong three-dimensional disturbances [NASA-79-12127] p0052 179-2-1315
Nonlinear unsteady potential flow calculations for three-dimensional oscillating wings [NASA-79-13979] p0660 179-2-1315
Boundary layer-laminar secondary flows due to wing-body interference [NASA-79-19557] p0141 179-2-1315
Experimental results on boundary layers and detached flows [DGLF PAPER 78-220] p0163 179-2-1315
Laminar boundary layer with foreign gas injection on a conical body [NASA-79-29046] p0274 179-2-1315

Computer programs of flow calculation on relative stream surfaces S1 and S2 employing non-orthogonal curvilinear coordinates and non-orthogonal velocity components and their application to the design of turbomachine blades based on three-dimensional flow [NASA-79-70315] p0330 179-2-1315
The wing section theory of Kutta and Zhukovski [NASA-79-70315] p0334 179-2-1315
Numerical solution for the flow field of a body with jetting [NASA-79-1452] p0565 179-2-1315
Supercritical airfoil boundary-layer measurements [NASA-79-1501] p0275 179-2-1315
Inverse transonic airfoil design methods including boundary layer and viscous interaction effects [NASA-79-1501] p0286 179-2-1315

Flow around a circular cylinder near a plane boundary p0129 179-2-1315
A similarity rule for compressibility and sideline-boundary-layer effects in two-dimensional wind tunnels p0141 179-2-1315
Boundary layer-laminar secondary flows due to wing-body interference [NASA-79-19557] p0142 179-2-1315
Experimental results on boundary layers and detached flows [DGLF PAPER 78-220] p0163 179-2-1315
Laminar boundary layer with foreign gas injection on a conical body [NASA-79-29046] p0274 179-2-1315

Computer programs of flow calculation on relative stream surfaces S1 and S2 employing non-orthogonal curvilinear coordinates and non-orthogonal velocity components and their application to the design of turbomachine blades based on three-dimensional flow [NASA-79-70315] p0330 179-2-1315
The wing section theory of Kutta and Zhukovski [NASA-79-70315] p0334 179-2-1315
Numerical solution for the flow field of a body with jetting [NASA-79-1452] p0565 179-2-1315
Supercritical airfoil boundary-layer measurements [NASA-79-1501] p0275 179-2-1315
Inverse transonic airfoil design methods including boundary layer and viscous interaction effects [NASA-79-1501] p0286 179-2-1315

Flow around a circular cylinder near a plane boundary p0129 179-2-1315
A similarity rule for compressibility and sideline-boundary-layer effects in two-dimensional wind tunnels p0141 179-2-1315
Boundary layer-laminar secondary flows due to wing-body interference [NASA-79-19557] p0142 179-2-1315
Experimental results on boundary layers and detached flows [DGLF PAPER 78-220] p0163 179-2-1315
Laminar boundary layer with foreign gas injection on a conical body [NASA-79-29046] p0274 179-2-1315

Computer programs of flow calculation on relative stream surfaces S1 and S2 employing non-orthogonal curvilinear coordinates and non-orthogonal velocity components and their application to the design of turbomachine blades based on three-dimensional flow [NASA-79-70315] p0330 179-2-1315
The wing section theory of Kutta and Zhukovski [NASA-79-70315] p0334 179-2-1315
Numerical solution for the flow field of a body with jetting [NASA-79-1452] p0565 179-2-1315
Supercritical airfoil boundary-layer measurements [NASA-79-1501] p0275 179-2-1315
Inverse transonic airfoil design methods including boundary layer and viscous interaction effects [NASA-79-1501] p0286 179-2-1315
Prospects for computing airfoil aerodynamics with Reynolds averaged Navier-Stokes codes p0356 779-20038
Improvements in surface singularity analysis and design methods --- applicable to airfoils p0356 779-20043
Unsteady boundary layer flow reversal in a longitudinally oscillating flow [AD-A0631430] p0371 779-20349
Scale effects at transonic speeds basic considerations p0376 779-20992
Computer program to calculate three-dimensional boundary layer flows over wings with wall mass transfer [NASA-CG-3123] p0430 779-23016
Optimum tail fairings for bodies of revolution --- computerized design [AD-A0679277] p0539 779-26031
An extension to the method of Garabedian and Korn for the calculation of transonic flow past an aerosol to include the effects of a boundary layer and wake [ARC-R/3-3282] p0550 779-29154
Calculation of the flow around a swept wing, taking into account the effect of the three-dimensional boundary layer. Part 2: Wing with laminar boundary layer on the lower surface [VLH-T-N-77666-n] p0702 779-32176
BOUNDARY LAYER NOISE U AERODYNAMIC NOISE U BOUNDARY LAYERS
BOUNDARY LAYER SEPARATION Measurement of flow fields around an airfoil section with separation p0012 779-10868
Hot-wire measurements of stall and separation on helicopter rotor blades p0130 779-18651
Calculation of separated boundary-layer flows --- applied to stalled diffusers and external wedge flow [AIAA PAPER 79-0249] p0164 779-19644
Calculation of laminar separation bubbles and their effect on airfoil performance [AIAA PAPER 79-0255] p0184 779-19645
Recent advances in the solution of three-dimensional flow over wings with leading edge vortex separation [AIAA PAPER 79-WA/GT-292] p0202 779-23562
Transonic boundary layer on compressor stator blades as calculated and measured in wind tunnel [OMER, IF NO. 1979-25] p0239 779-29397
Mean velocity and decay characteristics of the guidevane and stator blade wake of an axial flow compressor [ASME PAPER 79-GT-9] p0339 779-30507
Allowing for the wall boundary layer in an axial compressor stage p0451 779-36586
Split-film anemometer measurements on an airfoil with turbulent separated flow p0515 779-42029
Effect of flow separation vortices on aircraft unsteady aerodynamics p0718 779-15084
Improved prediction of laminar leading edge separation p0357 779-20050
Subcritical drag minimization for highly swept wings with leading edge vortices p0414 779-22021
Effects of turbulence on laminar separation on aerodynamic surfaces such as airfoils and compressor blading [NASA CR-159634] p0476 779-22036
Subsonic wind-tunnel investigation of leading-edge devices on delta wings (data report) --- conducted in Langley 7- by 10-foot subsonic wind tunnel [NASA CR-159120] p0663 779-31143

BOUNDARY LAYER STABILITY
Stability of three-dimensional compressible boundary layers over wings with suction [AIAA PAPER 79-0265] p0144 779-19631
On the stability of the boundary layer on a transonic swept wing [AIAA PAPER 79-0266] p0203 779-23563
Numerical predictions of the unsteady lift development on airfoils in a viscous fluid [NASA CR-24216] p0212 779-24216
Stable boundary layer wind shear model for aircraft flight hazard definition [NASA CR-27575] p0278 779-27575
The stability of the boundary layer on a swept wing with wall cooling [AIAA PAPER 79-1965] p0574 779-46692
Flow around small-aspect-ratio delta wing with vortex bursting [NASA CR-26031] p0696 779-54058

BOUNDARY LAYER TRANSITION
Development of turbulence through non-steady boundary layer p0053 779-13155
Distribution of the intermittency factor along the transition region between laminar and turbulent boundary-layers p0190 779-21421
Amplification factors at transition on an unswept wing in free flight and on a swept wing in wind tunnel --- aircraft stability analysis [AIAA PAPER 79-0203] p0749 779-23564
Application of stability theory to laminar flow control [AIAA PAPER 79-1893] p0574 779-46691
Detection of the transitional layer between laminar and turbulent flow areas on a wing surface using an accelerometer to measure noise levels during wind tunnel tests [NASA-CASE-LAR-12261-1] p0228 779-16905
Boundary layer transition measurements on the ARDC 10 deg cone in three F3P wind tunnels and their implications [ARC-R/3-3282] p0288 779-17817
Boundary layer effects on pressure variations in turbule tubes p0377 779-20995
Effects of flow turbulence and noise on aerodynamic phenomena and measured quantities --- wind tunnel tests and boundary layer transition p0439 779-22109
Summary of past experience in natural laminar flow and experimental program for resilient leading edge [NASA CR-152276] p0538 779-26024

BOUNDARY LAYERS
ATMOSPHERIC BOUNDARY LAYER
COMPRESSIBLE BOUNDARY LAYER
INCOMPRESSIBLE BOUNDARY LAYER
LAMINAR BOUNDARY LAYER
SUPersonic BOUNDARY LAYERS
THERMAL BOUNDARY LAYER
THREE DIMENSIONAL BOUNDARY LAYER
TURBULENT BOUNDARY LAYER
TWO DIMENSIONAL BOUNDARY LAYER
Shock boundary layer interaction on high turning transonic turbine cascades [AIAA PAPER 79-GT-37] p0390 779-32382
Experimental measurements of shock/boundary-layer interaction of a supercritical airfoil [AIAA PAPER 79-1495] p0603 779-43065
Shock-boundary layer interaction in compressor cascades: A review of available data p0663 779-23428
Full-scale aircraft simulation with cryogenic tunnels and status of the National Transonic Facility [NASA TR-80005] p0543 779-26064
### SUBJECT INDEX

**CALORIMETERS**
- Aircraft accident report: Continental air lines, Incorporated, McDonnell-Douglas DC-10-10, N60086, Los Angeles, California, March 1, 1978  
  [NASA-AER-79-1] p0289 N79-17826
- Evaluation of emission control strategies for airfield operations at the Los Angeles and San Francisco International Airports  
  [PD-28622/3] p0385 N79-21100

**CARBON CARBON**
- NT WING CAMBER  
  The time-variant aerodynamic response of a stator flow including the effects of airfoil camber  
  [AISME PAPER 79-GT-110] p0392 A79-32385
- Analysis of an unsteady aerodynamic force on a blade due to ununiform amplitude gusts  
  p0473 A79-39219
- On slender wings with leading edge camber  
  p0485 N79-22032
- The flow through low cambered transonic turbine cascade  
  p0421 N79-22089

**CARDER**
- NT WING CAMBER  
  The time-variant aerodynamic response of a stator flow including the effects of airfoil camber  
  [AISME PAPER 79-GT-110] p0392 A79-32385
- Analysis of an unsteady aerodynamic force on a blade due to ununiform amplitude gusts  
  p0473 A79-39219
- On slender wings with leading edge camber  
  p0485 N79-22032
- The flow through low cambered transonic turbine cascade  
  p0421 N79-22089

**CARDER**
- NT WING CAMBER  
  The time-variant aerodynamic response of a stator flow including the effects of airfoil camber  
  [AISME PAPER 79-GT-110] p0392 A79-32385
- Analysis of an unsteady aerodynamic force on a blade due to ununiform amplitude gusts  
  p0473 A79-39219
- On slender wings with leading edge camber  
  p0485 N79-22032
- The flow through low cambered transonic turbine cascade  
  p0421 N79-22089

**CARS**
- Can-operated pitch-change apparatus  
  [NASA-CAS-TP-13050-1] p0164 N79-14095
  A study of the effect of different cam designs on Mark 7 mod 1 arresting gear performance  
  [AD-A061486] p0238 N79-16882

**CANADA**
- NCC simulations for the implementation of bilingual IFF control in Canada  
  p0126 A79-18229
- Canadian interest in modern LTA transport  
  [AIAA 79-2365] p0152 A79-42386
- icing test facilities in Canada  
  p0173 A79-15043

**CANADIAN AIRCRAFT**
- NT CL-41 AIRCRAFT  
  All weather cockpit canopies. I - 'The Challenger'  
  p0006 A79-10620
  Canadiac Challenger flight test status  
  [CAS PAPER 790622] p0455 A79-36734
  Canadiac Challenger --- business jet subsystems and structural design  
  p0507 A79-40313

**CANADIAN CP-104 AIRCRAFT**
- U CANADIAN AIRCRAFT  
  P-104 AIRCRAFT  
  U CANADIAN AIRCRAFT  
  CL-41 AIRCRAFT

**CANADIAN AIRCRAFT**
- NT CL-41 AIRCRAFT  
  All weather cockpit canopies. I - 'The Challenger'  
  p0006 A79-10620
  Canadiac Challenger flight test status  
  [CAS PAPER 790622] p0455 A79-36734
  Canadiac Challenger --- business jet subsystems and structural design  
  p0507 A79-40313

**CANADA**
- NCC simulations for the implementation of bilingual IFF control in Canada  
  p0126 A79-18229
- Canadian interest in modern LTA transport  
  [AIAA 79-2365] p0152 A79-42386
- icing test facilities in Canada  
  p0173 A79-15043

**CANADIAC CP-104 AIRCRAFT**
- U CANADIAN AIRCRAFT  
  P-104 AIRCRAFT  
  U CANADIAN AIRCRAFT  
  CL-41 AIRCRAFT

**CANADA**
- All weather cockpit canopies. I - 'The Challenger'  
  p0006 A79-10620
- All weather cockpit canopies. II - 'The Challenger'  
  p0006 A79-10620
- Detached flow about an opening canopy  
  [AIAA 79-11006] p0215 A79-42386
- Parachute canopy opening dynamics  
  p0154 A79-11006
- Simulation studies of the flight dynamics of gliding parachute systems  
  [AIAA 79-0467] p0177 A79-10620
- Development and initial test results of parachutes with automatic inflation modulation /AIM/  
  p0262 A79-26628
- Development and initial test results of parachutes with Automatic Inflation Modulation /AIM/  
  p0262 A79-26628
- On the status of experimental stress analysis of parachute canopies  
  p0040 A79-33646
- Aircraft glassmaker --- windshield supply for Boeing 767 and 747 aircraft  
  p0045 A79-38860
- Experimental measurement of parachute canopy stress during inflation  
  [AD-1058471] p0099 A79-13011
- Canopy glint screening investigation  
  [AD-1060091] p0171 A79-15028
- Preliminary investigation of the seated height limit for safe through-the-canopy ejection from the CT-114 aircraft  
  [AD-1062403] p0162 A79-20093
- Aeronautic Transparent Materials and Enclosures  
  [AD-1060091] p0162 A79-20093
- Detailed design options study  
  [AD-1070376] p0169 A79-13011

**CAUTIONARY BEARS**
- Operating characteristics of a cantilever-mounted resilient-pad gas-lubricated thrust bearing  
  [NASA-TP-1048] p0247 N79-22518
An off design shock capturing finite difference approach for caret wanderer configurations
[AB-1068819] p0581 A79-28156

CARGO

NT AIR CARGO
The total energy cost of freight transport
p0065 A79-14322

CARGO AIRCRAFT

NT C-5 AIRCRAFT
NT C-116 AIRCRAFT
NT C-130 AIRCRAFT
NT C-135 AIRCRAFT
NT C-141 AIRCRAFT
NT DC 3 AIRCRAFT
NT F-27 AIRCRAFT
NT SHRAPNEL AIRCRAFT
NT YC-90 AIRCRAFT

Overview of the small package air carrier industry - A study of the operations in Federal Express
[NT PAPER 780940] p0005 A79-10406
Inside noise of C-1 cargo aircraft and the noise reduction performance by interior materials
p0274 A79-27121
Demand for large freighter aircraft as projected by the NASA cargo/logistics lift systems studies
[NT AIAA PAPER 79-0047] p0139 A79-19500

Inside noise of C-1 cargo aircraft and the noise reduction performance by interior materials
p0005 A79-10406

Effect of laminar flow control on the performance of a large span-distributed load flying-wing
cargo airplane concept
[NT AIAA PAPER 78-14570] p0100 A79-13026
Large cargo aircraft: A technology assessment, volume 1
[NT AIAA PAPER 79-1864] p0684 A79-51250
Large cargo aircraft: A technology assessment, volume 2
[NT AIAA PAPER 78-26896] p0617 A79-15927
Large cargo aircraft: A technology assessment, volume 2
[NT AIAA PAPER 78-26897] p0617 A79-15928

Effects of laminar flow control on the performance of a large span-distributed load flying-wing
cargo airplane concept
[NT NASA-T-78715] p0292 A79-17851
Advantages and problems of large subsonic aircraft
p0579 A79-28120

CASCADE CONTROL

Cascade – Queue model of airport users
[NT AIAA PAPER 780518] p0004 A79-10394
Two-dimensional compressible potential flow around profiles in cascade

SUBJECT INDEX

CASCAD E FLOW

Aerodynamic force and moment on oscillating airfoils in cascade
[ASME PAPER 78-GT-181] p0111 A79-10812
Numerical solution of the direct problem of ideal gas flow in three-dimensional turbine cascades
p0221 A79-12194
Supersonic uninstalled flutter
p0027 A79-12599
Influence of the pitch/chord ratio of a subsonic cascade of turbine blades
p0083 A79-16792
High speed smoke flow visualization for the determination of cascade shock losses
[NT AIAA PAPER 79-0047] p0139 A79-19495
Three dimensional modelling of cascade flows
[NT AIAA PAPER 79-0047] p0139 A79-19495
The calculation of two-dimensional compressible potential flow in cascades using finite area techniques
[NT AIAA PAPER 79-0077] p0186 A79-19522

To the problem of starting and airfoil-shape optimization of the supersonic compressor cascade
p0105 A79-20566
The effect of a transversely injected stress on the flow through turbine cascades. III - Influence of aspect ratio
[ASME PAPER 78-GT-26] p0195 A79-22330
Propagation of inlet flow distortions through an axial compressor stage
[ASME PAPER 78-GT-34] p0196 A79-22335
An integrated quasi-3D finite element calculation program for turbomachinery flows
[ASME PAPER 78-GT-56] p0196 A79-22336
An experimental study of pulsating flow in a three stage axial flow compressor
p0213 A79-24221
Coupled bending-torsion flutter in cascades
An extension of the classical cascade model to a 3D model for blade-hub and blade-casing interaction
Experiments and calculations
[NT AIAA PAPER 79-01-25] p0322 A79-29039
A wind-tunnel investigation into the effect of errors in blade setting on the stalling performance of a compressor cascade
[NT AIAA PAPER 79-01-11] p0330 A79-29403
Generation of body-fitted coordinates for turbine cascades using multigrid techniques
[NT AIAA PAPER 79-01-25] p0330 A79-29406
Small disturbance swirl flow in turbomachinery
[NT AIAA PAPER 79-01-25] p0331 A79-29417
Axial-flow compressor turning angle and loss by inviscid-viscous interaction blade-to-blade computation
[ASME PAPER 79-01-25] p0339 A79-30504
Computation of supercritical compressor and turbine cascades with a design method for transonic flows
Shock boundary layer interaction on high turning transonic turbine cascades
p0390 A79-32382
A general solution for distorted flows in cascades of aerofoils
[ASME PAPER 79-01-25] p0391 A79-32353
An experimental study of endwall and airfoil surface heat transfer in a large scale turbine blade cascade
Aerodynamic and aeroelastic characteristics of oscillating loaded cascades at low Mach number. I - Pressure distribution, forces, and moments
[ASME PAPER 79-01-25] p0393 A79-32386
Optimization of rotor blades of tandem design for axial flow compressors
[ASME PAPER 79-01-25] p0393 A79-32394

CARTOGRAPHY

CARTOGRAPHY

CARTOGRAPHY
CATASTROPHE THEORY

Application of bifurcation analysis and catastrophe theory methodology to aircraft stability problems at high angles-of-attack

[ASME PAPER 79-GT-92]

p0341 A79-30557

CATASTROPHE THEORY

NAVAR AIRCRAFT AIRCRAFT SYSTEM. Some initial considerations

[RAD-TR-92-NAVAR-41]

p0611 A79-47943

CATHODE TUBE TUBES

An evaluation of some display parameters for an advanced landing display

p0679 A79-51092

Comparison of electromechanical and cathode-ray-tube display mediums for an instrument approach display

[NASA-TR-80069]

p0438 A79-23080

An advanced cockpit instrumentation system: The coordinated cockpit display

[NASA-TR-78559]

p0551 A79-27136

CAUCHY INTEGRAL FORMULA

Lifting surface theory for skewed and swept subsonic wings

[AAIA PAPER 79-0551]

p0254 A79-25689

CAUCHY INTEGRAL FORMULA

Obtaining solutions of the lifting-surface equation

p0528 A79-48135

CAVITY

CAVITATION FLOW

Influence of liquid oscillations in fuel line on head of pump operating in regimes without reverse flow

p0068 A79-14834

Secondary-flow-related vortex cavitiation

p0378 A79-21003

Performance of a TAP-2 hydrofoil

[AD-A065102]

p0443 A79-23261

Axial compressor stall -- effects on aircraft engines

p0557 A79-27435

CAVITIES

Semidirect computation of three-dimensional viscous flows over suction holes in laminar flow control surfaces

[NASA-SC-150017]

p0378 A79-21005

CAVITY RESONATORS

Heat generation in cavities at high velocity flights -- resonant-pipe effect

[ENW-PWT-77-28]

p0288 A79-17815

CCD

U CHARGE COUPLED DEVICES

AV-NOS and AUTOB -- An update -- Automation Weather Observation System and Automated Observation Systems

p0192 A79-21920

Visibility in aviation

p0243 A79-17419

CELESTIAL BODIES

CELESTIAL BODIES

Control of the location of the center of gravity of loaded aircraft

p0250 A79-25370

Stabilization techniques for improved response of the F-15 aircraft

[AD-A005814]

p0105 A79-13060


[NWS-PAN-78-10]

p0591 A79-29161

CENTRIFUGAL PUMPS

Effect of lip and centerbody geometry on aerodynamic performance of inlet for tilting-rotor turboprop aircraft

[AAIA PAPER 77-0381]

p0199 A79-23509

CENTRIFUGAL COMPRESSORS

Small perturbation analysis of nonuniform rotating disturbances in a vaneless diffuser

[ASME PAPER 78-GT-154]

p0002 A79-10270

Analysis of the flow field in a radial compressor

[ASME PAPER 78-GT-77]

p0008 A79-10776

The influence of tilting pad bearing characteristics on the stability of high speed rotor-bearing systems

p0075 A79-16012

Experimental study on flow in a supersonic centrifugal compressor

[ASME PAPER 78-GT-2]

p0195 A79-22327

Experimental investigation of unsteady phenomena in vaneless radial diffusers

[ASME PAPER 78-GT-23]

p0195 A79-22329

Method for design and manufacture of the stage of a radial compressor

p0212 A79-26196

A novel correlation of centrifugal compressor performance for off-design prediction

[AIAA PAPER 79-1159]

p0467 A79-38965

Estimation of compressible flow in turbomachines by an axisymmetric calculation method

[CMAA, TP No. 1979-60]

p074 A79-39096

Industrial centrifugal compressors, Volume 1

p0308 A79-19385

Flow modelling and aerodynamic design techniques for centrifugal compressors

p0308 A79-19386

Viscous flows in centrifugal compressors

p0308 A79-19387

Application of aerodynamic design techniques to process compressor design -- computerized design

p0309 A79-19388

Industrial Centrifugal Compressors, Volume 2

p0309 A79-19389

A stress and strain analysis of industrial radial compressor impellers using the finite element method and descriptive geometry

p0309 A79-19391

Development testing of stages for centrifugal process compressors

p0309 A79-19392

The fluid dynamic design of advanced centrifugal compressors

p0427 A79-22508

Centrifugal-reciprocating compressor

[NASA-CAS-IP-19597-1]

p0444 A79-23431

CENTRIFUGAL FORCES

Research on centrifugal effects on turbine rotor blades / cooling

[AD-A0650202]

p0165 A79-14106

CENTRIFUGAL PUMPS

Influence of liquid oscillations in fuel line on head of pump operating in regimes without reverse flow

p0068 A79-18834

Aviation centrifugal pump equipment /2nd revised and enlarged edition/ --- Russian book

p0346 A79-31902

Prerotation in centrifugal pumps: Design criteria

p0588 A79-28574

CHROMATIC PROTECTIVE COATINGS

U CHROMIC PROTECTIVE COATINGS

CERAMIC COATINGS

Development of sprayed ceramic seal system for turbine gas path sealing

[ASME PAPER 78-WA/GT-7]

p0149 A79-17975

Tests of NASA ceramic thermal barrier coating for gas-turbine engines

p0410 A79-38996

Development of sprayed ceramic seal systems for turbine gas path sealing

[NASA-TR-79022]

p0097 A79-12223

Low-cycle fatigue of thermal-barrier coatings at 982 deg C

[NASA-TP-1322]

p0102 A79-13046

CERAMICS

Determination of ceramic design methodology for a ceramic combustor liner

[ASME PAPER 78-GT-137]

p0009 A79-10798

The utilization of data relating to fit geometry and manufacturing processes of ceramic matrix systems to the design of ceramic heat exchangers

p028 A79-14824

Screening properties of silicon-base ceramics for turbine engine applications

[ASME PAPER 78-WA/GT-12]

p0150 A79-19799

NASA thermal barrier coatings -- Summary and update

p0189 A79-21295

Current work in materials and methods of construction research --- composite and ceramic materials for aerospace systems
## SUBJECT INDEX

<table>
<thead>
<tr>
<th>A design review of ceramic components for turbine engines</th>
<th>p0332 A79-29591</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ASME PAPER 79-GT-183]</td>
<td>p0356 A79-32442</td>
</tr>
<tr>
<td>NASA thermal barrier coatings: Summary and update</td>
<td>p0174 A79-15048</td>
</tr>
<tr>
<td>[NASA-TM-79053]</td>
<td></td>
</tr>
<tr>
<td>Tests of NASA ceramic thermal barrier coating for gas-turbine engines</td>
<td>p0365 A79-20118</td>
</tr>
<tr>
<td>[NASA-TM-79116]</td>
<td></td>
</tr>
<tr>
<td>Industry tests of NASA ceramic thermal barrier coating --- for gas turbine engine applications</td>
<td>p0448 A79-25023</td>
</tr>
<tr>
<td>[NASA-TP-1425]</td>
<td></td>
</tr>
<tr>
<td>Ceramic mainshaft roller bearing performance in a gas turbine engine</td>
<td>p0557 A79-27516</td>
</tr>
<tr>
<td>[AD-A070904]</td>
<td></td>
</tr>
<tr>
<td>Investigation of the use of ceramic material in aircraft engine bearings</td>
<td>p0718 A79-33214</td>
</tr>
</tbody>
</table>

## CHANNELS (DATA TRANSMISSION)

<table>
<thead>
<tr>
<th>A real time video bandwidth reduction system based on a CCD Hadamard transform device --- for avionics</th>
<th>p0363 A79-20994</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH-47 helicopter internal cargo load and restraint system mock-up study</td>
<td>p0420 A79-22081</td>
</tr>
<tr>
<td>CH-477 EMC evaluation of selected subsystems, EMC test report</td>
<td>p0502 A79-29170</td>
</tr>
<tr>
<td>[ASME PAPER 79/16-A]</td>
<td></td>
</tr>
<tr>
<td>Description of the VTOL Approach and landing Technology (VALT) CH-47 research system</td>
<td>p0555 A79-29195</td>
</tr>
<tr>
<td>[NASA-TP-1436]</td>
<td></td>
</tr>
<tr>
<td>Helicopter high grain control</td>
<td>p0672 A79-31221</td>
</tr>
<tr>
<td>[NASA-CR-159052]</td>
<td></td>
</tr>
<tr>
<td>CH-54 HELICOPTER</td>
<td>p0747 A79-10916</td>
</tr>
<tr>
<td>Composite rotor hub, L, IX --- fatigue and load tests for CH-54 helicopter design</td>
<td>p0174 A79-10916</td>
</tr>
<tr>
<td>Development and validation of a piloted simulation of a helicopter and external sling load</td>
<td>p0174 A79-10916</td>
</tr>
<tr>
<td>[NASA-TP-1285]</td>
<td></td>
</tr>
<tr>
<td>Design, fabrication, and laboratory testing of a helicopter composite main rotor hub --- graphite-epoxy hubs for the CH-54 helicopter</td>
<td>p0162 A79-14083</td>
</tr>
<tr>
<td>[AD-1006313]</td>
<td></td>
</tr>
</tbody>
</table>

## CHANNELS

<table>
<thead>
<tr>
<th>U SYMBOLS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>NT NITROGEN OXIDES</td>
<td></td>
</tr>
<tr>
<td>NT CARBON MONOXIDE</td>
<td></td>
</tr>
<tr>
<td>NT NITRIC OXIDE</td>
<td></td>
</tr>
<tr>
<td>NT ALUMINUM OXIDES</td>
<td></td>
</tr>
<tr>
<td>NT SEATS</td>
<td></td>
</tr>
<tr>
<td>MILITARY AIRCRAFT</td>
<td></td>
</tr>
<tr>
<td>CARBONFIBER REINFORCE PLASTICS</td>
<td></td>
</tr>
</tbody>
</table>

## CH-53 HELICOPTER

<table>
<thead>
<tr>
<th>U H-53 HELICOPTER</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CH-56 HELICOPTER</td>
<td></td>
</tr>
<tr>
<td>CH-113 HELICOPTER</td>
<td></td>
</tr>
</tbody>
</table>

## CH-46 HELICOPTER

<table>
<thead>
<tr>
<th>The CH-46 rotor blade transition from metal to composite materials</th>
<th>p0184 A79-19723</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ASME PAPER 78-WA/ABE-5]</td>
<td></td>
</tr>
<tr>
<td>CH-47 crash position indicator flight trials</td>
<td>p0591 A79-29156</td>
</tr>
<tr>
<td>[ARTEC-78/39]</td>
<td></td>
</tr>
<tr>
<td>CH-47 HELICOPTER</td>
<td>p0125 A79-18177</td>
</tr>
</tbody>
</table>

## CHAPMAN-JOUGET PLANE

<table>
<thead>
<tr>
<th>HEADSTAR PROJECTION</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HEADSTARS</td>
<td></td>
</tr>
<tr>
<td>ON CARBON FIBER REINFORCE PLASTICS</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CHARACTERISTIC EQUATIONS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ON EIGENVALUES</td>
<td></td>
</tr>
<tr>
<td>ON EIGENVECTORS</td>
<td></td>
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## CHARACTERISTIC METHOD

<table>
<thead>
<tr>
<th>HEADSTAR PROJECTION</th>
<th></th>
</tr>
</thead>
<tbody>
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<tr>
<td>ON CARBON FIBER REINFORCE PLASTICS</td>
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<th>CHARACTERISTICS</th>
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<td>ON SYMBOLS</td>
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</table>

## CHARGE COUPLED DEVICES

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## CHARS

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<td>NT ALUMINUM OXIDES</td>
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<td>NT SEATS</td>
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<td>MILITARY AIRCRAFT</td>
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<tr>
<td>CARBONFIBER REINFORCE PLASTICS</td>
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<tbody>
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<td>CH-56 HELICOPTER</td>
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<td>CH-113 HELICOPTER</td>
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</tbody>
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<thead>
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<th>p0184 A79-19723</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ASME PAPER 78-WA/ABE-5]</td>
<td></td>
</tr>
<tr>
<td>CH-47 crash position indicator flight trials</td>
<td>p0591 A79-29156</td>
</tr>
<tr>
<td>[ARTEC-78/39]</td>
<td></td>
</tr>
<tr>
<td>CH-47 HELICOPTER</td>
<td>p0125 A79-18177</td>
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<th>HEADSTAR PROJECTION</th>
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<tbody>
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<td>ON EIGENVALUES</td>
<td></td>
</tr>
<tr>
<td>ON EIGENVECTORS</td>
<td></td>
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</table>

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<tr>
<th>HEADSTAR PROJECTION</th>
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<th>CHARACTERISTICS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ON SYMBOLS</td>
<td></td>
</tr>
</tbody>
</table>
CIVIL AVIATION

CIRCULAR CYLINDERS
Measurements in an axisymmetric turbulent boundary layer with weak and strong three-dimensional disturbances
**Flow around a circular cylinder near a plane boundary**
**Numerical study of unsteady flows of viscous incompressible fluids about airfoils by a combined method of order O/h² and O/h⁴**
**The influence of turbulence on drag**
**Steady and unsteady vortex-induced asymmetric loads - Review and further analysis --- on slender axisymmetric bodies**

CIRCULAR POLARIZATION
Radiation field of a conformal phased array of rotational-polarization elements situated on a surface of revolution

CIRCULATION
**ATMOSPHERIC CIRCULATION**
**CIRCULATION CONTROL ROTORS**
Flight testing the circulation control wing
**Design and development of a hybrid composite rotor blade for the circulation control system**
**The circulation control rotor flight demonstrator test program**
**CIRCURBANCES**
Conformal asymmetry in axial flow compressors

CIVIL AVIATION
**Developments in radar data processing at the London Air Traffic Control Centre**
**Pollution sources caused by aviation**
**Impact of fuel availability and other cost trends on air carrier operations**
**Resource conservation through air traffic control**
**AWNC Communications Addressing and Reporting System /ACARS/ - The data link that got implemented and why**
**The evolving air transport avionics**
**Pilot's view of the evolving air transport**
**Integrated navigation, traffic control, collision avoidance and communication system - SINTAC-C2**
**New technologies for transport aircraft - Expectations and hopes of the air transportation industry**

Alternate aircraft fuels prospects and operational implications
New aircraft technology and its impact on the airport - An airline viewpoint
Economics of commercial aviation safety
Loran-C - A potential civil aviation navigation system
GPS for civil aviation - A new approach to improved civil air operations --- Global Positioning System
GPS multipath error model --- Global Positioning System
Evolution of area navigation in the air traffic control system
Development trends in air traffic control
The new microwave landing systems and their growth potential
Helicopter noise standards - Another point of view: A national approach to rotorcraft noise regulation
Surface deformations as a runway design criterion
Availability and use of weather data --- in general aviation
ATC operations in first decade of en route automation
A look at the near future --- computerized flow control system for ATC
ATC delays - The number one problem in the next decade
Integrated ATC development - The next decade: A Safety Board viewpoint
The future of surveillance systems in civil aviation
FAR 190 remote terminal system frequency assignment model
Objectives related to an enhancement of the effectiveness of RACE, I --- civil aircraft utilization in Hungary
Statistics of disturbances and maintenance according to conditions at Interflug. III --- Technical requirements concerning the program for the processing of disturbance data by means of electronic data processing
Safety of air transport
General aviation aircraft in the 1990's
Recognition of damage-tolerance in civil airworthiness standards
How to get the world airborne --- market research and aircraft design for air transportation in developing countries
US computer operations climate changing
Bird strike on medium/large civil fan engines
Fundamental problems and methods for improving systems for planning the development of civil aviation
Access, fares, frequency - Effects on airport traffic
Information systems in civil aviation
Aircraft engine emissions are under continuing surveillance
CL-41 AIRCRAFT

Responsibilities of French air traffic control

Considerations in local administration of airports in Canada

Prospects for reducing the fuel consumption of civil aircraft

Aviation safety - Facts and fiction

Aviation emergency procedures

New air service and deregulation - A study in transition

Problems of increasing the efficiency of Malev II --- airline operations

British civil airworthiness requirements for seaplanes

Aerospaciale AS.350 and AS.355

Advanced crew station concepts, displays, and input/output technology for civil aircraft of the future

Innovative developments in demonstrative evidence techniques and associated problems of admissibility

Defining the design defect in aircraft products liability cases

A review of crashworthiness --- in aircraft accident-liability cases

Flight controls/avionics research - Impact on future civil helicopter operating efficiency and mission reliability

Three basics of design for civil certification

Listing of accidents/incidents by aircraft make and model, US Civil Aviation, 1976

Annual review of accident data, U.S. air carrier operations, 1977

Annual review of accident data: US general aviation, calendar year 1977

Aircraft accident reports: Brief for US Civil Aviation issue number 5 - 1976 accidents

Active controls for civil transports

Listing of accidents/incidents by make and model, US Civil Aviation, 1977

An assessment of the risks presented by the use of carbon fiber composites in commercial aviation.

Volume 1: Final report. Volume 2: Supporting appendices

Corporate aviation in the 1980’s

General aviation 1980 operational problems

An assessment of national risk: General concepts and overall approach --- carbon fiber utilization in commercial aviation

Civil Helicopter icing problems

Air pollutant emission factors for military and civil aircraft

Aviation safety

[14TIS/PS-78/0938/7]

[ELL-TRANS-1364-(9022.549)]

[VKI-LECTURE-SERIES-24]

[NASA-TP-1332]

[NASA-CR-155022]

[NASA-CP-159989]

[NASA-CA-155922]

[NASA-TM-80005]

[NASA-TP-80025]

[NASA-79-20290]

[NASA-79-20296]

[AIRFILM 79-089]

[AIRFILM 79-063]

[AIRFILM 79-059]

[AIRFILM 79-058]

[AIRFILM 79-057]

[AIRFILM 79-056]

[AIRFILM 79-055]

[AIRFILM 79-054]

[AIRFILM 79-053]

[AIRFILM 79-052]

[AIRFILM 79-051]

[AIRFILM 79-050]

[AIRFILM 79-049]

[AIRFILM 79-048]

[AIRFILM 79-047]

[AIRFILM 79-046]

[AIRFILM 79-045]

[AIRFILM 79-044]

[AIRFILM 79-043]

[AIRFILM 79-042]

[AIRFILM 79-041]

[AIRFILM 79-040]

[AIRFILM 79-039]

[AIRFILM 79-038]

[AIRFILM 79-037]

[AIRFILM 79-036]

[AIRFILM 79-035]

[AIRFILM 79-034]

[AIRFILM 79-033]

[AIRFILM 79-032]

[AIRFILM 79-031]

[AIRFILM 79-030]

[AIRFILM 79-029]

[AIRFILM 79-028]

[AIRFILM 79-027]

[AIRFILM 79-026]

[AIRFILM 79-025]

[AIRFILM 79-024]

[AIRFILM 79-023]

[AIRFILM 79-022]

[AIRFILM 79-021]

[AIRFILM 79-020]

[AIRFILM 79-019]

[AIRFILM 79-018]

[AIRFILM 79-017]

[AIRFILM 79-016]

[AIRFILM 79-015]

[AIRFILM 79-014]

[AIRFILM 79-013]

[AIRFILM 79-012]

[AIRFILM 79-011]

[AIRFILM 79-010]

[AIRFILM 79-009]

[AIRFILM 79-008]

[AIRFILM 79-007]

[AIRFILM 79-006]

[AIRFILM 79-005]

[AIRFILM 79-004]

[AIRFILM 79-003]

[AIRFILM 79-002]

[AIRFILM 79-001]

[AIRFILM 79-000]
Conflicting issues for the radar controller in air traffic control p0116 A79-17685
Separation and collision risk in air traffic control p0116 A79-17685
The future of surveillance systems in civil aviation p0247 A79-26600
Aviation obstructions and the particular conditions for construction projects in the vicinity of airports p0251 A79-25372
FAA air traffic control automation - Programs and trends p0266 A79-26871
Planning and control of bird hazard reduction at airports in the Transport Canada system p0325 A79-29358
The use of falcons to disperse nuisance birds at Canadian airports - An update p0325 A79-29359
Equipment and methods for dispersing birds used on French airfields p0325 A79-29360
The use of lights in reducing bird strikes p0326 A79-29368
Conflict alert for the air traffic control system p0401 A79-33605
Beacon-based collision avoidance system - Experimental results p0401 A79-33606
Factors in evaluating the effectiveness of a collision avoidance logic p0401 A79-33607
Threat logic for air-derived CAS --- Collision Avoidance System p0401 A79-33608
Experience in the analysis of real and simulated collisions and dangerous encounters in German airspace [DGLR FAPPS 79-036] p0519 A79-42636
Experimental BCAS performance results p0160 A79-14064
FAA BCAS concept, appendices A-F [FAA-EM-78-5-3-A] p0231 A79-16830
Collision avoidance an annotated bibliography [FAA-RA-78-4] p0290 A79-17840
Aviation safety [BGO-37-010] p0592 A79-29162
A self contained collision avoidance system for helicopters p0656 A79-30206
Operational evaluation of an optical infrared Airborne Proximity Warning Indicator (APWI) [AD-A0737176] p0714 A79-33181

COLLISION WARNING DEVICES
U COLLISION AVOIDANCE
U WARNING SYSTEMS
U COLLISIONS
U DREAD-AIRCRAFT COLLISIONS
U MIDAS COLLISIONS

COLOIDS
U FOG
COLOID
Color display design guide p0495 A79-24991
COLOR PERCEPTION
U COLOR VISION
COLOR VISION
Recognition of the aircraft navigation light colour code p0704 A79-32186
COLORATION
U COLOR
The application of multiple swirl modules in the design and development of gas turbine combustors

Evaluation of airfield pavement materials based on synthetic polymers

Aircraft engine development center on improved performance, higher efficiency

Diffusers for gas turbine combustor systems

Critical influence of finite rate chemistry and unburned hydrocarbons on ignition and combustion of supersonic B2-air streams

A characteristic time correlation for combustion inefficiency from alternative fuels

Geometric scaling and performance of dump combustors with vortex amplification and swirl generation by gas jets

Lean fuel heat-packs for domestic, commercial and industrial space heating

Lean, premixed, prevaporized combustion for aircraft gas turbine engines

Lean stability augmentation for premixing, prevaporizing combustors

Theoretical approach to spray combustion in gas turbine combustor

The application of multiple swirl modules in the design and development of gas turbine combustors

Analytical evaluation of the impact of broad specification fuels on high bypass turbofan engine combustors

Evaluation of future jet fuel combustion characteristics

Combustion problems in gas turbine applications

Two-stage supercharger sets: Efficiency and head distribution under full- and part-load conditions

Analytical evaluation of the impact of broad specification fuels on high bypass turboshaft engine combustors

Combustion flaps

U HEAT OF COMBUSTION

Combustion instability

Combustion stability

Combustion physics

Lean combustion limits of a confined premixed-prevaporized propane jet

Aerodynamics of flame jets --- Russian book

Path in rocket technology - Selected works, 1924-1946 --- Russian book

Factors controlling stability of swirling flames at diffusers in gas turbines

The role of fundamental combustion in the future aviation fuels program -- carbon formation in gas turbine primary zones

Characteristics and combustion of future hydrocarbon fuels

Combustion in the gas turbine, parts 1, 2, 3

Thermodynamics of organic compounds

Future fuels in gas turbine engines

Flame emissivities -- Alternative fuels

A-118
Analytical evaluation of the impact of specification fuels on high bypass turbofan engine combustors
(KASA-CH-159864) p0037 79-11061
Structural area inspection frequency Evaluation (SITPE). Volume 2: Description of simulation logic
(AD-A055689) p0171 79-15026
New NASA Ames wind-tunnel techniques for studying airplane spin and two-dimensional unsteady aerodynamics
p0176 79-15064
Evaluation of laser flow control system concepts for subsonic commercial transport aircraft
(KASA-CH-158976) p0218 79-15942
An assessment of the risks presented by the use of carbon fiber composites in commercial aviation.
Volume 1: Final report. Volume 2: Supporting appendices
(KASA-CH-158989) p0295 79-18074
An assessment of the risks presented by the use of carbon fiber composites in commercial aviation: Executive summary
p0295 79-18075
Corporate aviation in the 1980's
p0299 79-18892
Rotor fragment protection program: Statistics on aircraft gas turbine engine rotor failures that occurred in US commercial aviation during 1976
(KASA-CH-159747) p0304 79-18977
Occupant injury mechanisms in civil helicopter accidents
p0311 79-19653
(NDSP-IAR-79-4) p0362 79-20090
Effects of a military cargo pod and tail fins on the aerodynamic characteristics of a large wide-body transport model
(KASA-CH-158052) p0363 79-20101
A study on the utilization of advanced composites in commercial aircraft wing structure: Executive summary
(KASA-CH-158902-1) p0369 79-20189
A study on the utilization of advanced composites in commercial aircraft wing structure
(KASA-CH-158902-2) p0369 79-20190
Commercial aircraft derived high resolution wind and temperature data from the tropics for FGGE: Implications for NASA
p0374 79-20621
Evaluation of laser line flow control system concepts for subsonic commercial transport aircraft
(KASA-CH-158993) p0382 79-21043
Evaluation applied to reliability analysis of reconfigurable, highly reliable, fault-tolerant, computing systems
(KASA-TH-80050) p0428 79-22783
Integrated noise model computer simulation of commercial jet aircraft noise near airports
p0429 79-22851
Environmental exposure effects on composite materials for commercial aircraft
(KASA-CH-156838) p0565 79-22832
Financing the capital requirements of the US airline industry in the 1980's
p0651 79-30164
Development of fire-resistant, low smoke generating, thermally stable end items for commercial aircraft and spacecaft using a basic polyimide resin
p0666 79-31171
Experimental Clean Combustor Program (ECCP), phase 3 commercial aircraft turbofan engine tests with double annular combustor
(KASA-CH-135384) p0670 79-31207
Commercial aircraft flight deck noise criteria
(AD-A072029) p0712 79-32969
COMMERICAL AVIATION U CIVIL AVIATION U COMMERCIAL AIRCRAFT COMMODITY (EQUIPMENT)
Propulsion cycle and configuration commodity considerations for subsonic V/STOL design
(ASME Paper 79-GT-88) p0007 79-10764
Development of an aircraft composite propeller
[SAP PAPER 790579] p0453 A79-36714

Design development of an advanced composite alleron
-graphite-epoxy structure for L-1011
[AI AA PAPER 79-1807] p0606 A79-87891

Composite helicopter tail booms
[AHS 79-8] p0627 A79-69061

Model 2061 composite litter door
[AHS 79-31] p0630 A79-69063

Automatic scanning inspection of composite helicopter structure using an advanced
technology fluoroscopic system
[AHS 79-35] p0631 A79-69087

Certification of composites in civil aircraft
[AHS 79-43] p0632 A79-69095

Qualification program of the composite main rotor
blade for the Model 214E helicopter
[AHS 79-64] p0632 A79-69096

GJibration and test of composite horizontal
stabilizer for the Sikorsky Spirit helicopter
[AHS 79-45] p0632 A79-69097

Advanced composites for turbines
p0694 A79-53899

Composite rotors - An evolving art
p0695 A79-53890

Composites for noise reduction --- helicopter
structures
p0695 A79-53891

Fiberglass flight controls --- of helicopters
p0695 A79-53892

Composites important to Black Hawk --- 08-604
helicopter
p0695 A79-53893

Structural adhesives and bonding; Proceedings of the
p0696 A79-54226

Reproduction of structural strength and
stiffness for graphite-epoxy aircraft spoilers

Design, fabrication and laboratory testing of a
helicopter composite main rotor hub ---
graphite-epoxy hubs for the CH-54A helicopter
AD-A060313

Assessment of state-of-the-art in in-service
inspection methods for graphite epoxy composite
structures on commercial transport aircraft
[NASA-CA-158969] p0241 N79-17252

Induced effects of lightning on an all composite
aircraft
p0297 N79-18242

CH-58 composite main rotor blades preliminary
design investigation
[AD-A065010] p0421 N79-22005

Composite forward fuselage systems integration,
volume 2 --- effects of lightning
[AD-A066560] p0494 N79-24980

Effect of variances and manufacturing tolerances
on the design strength and life of mechanically
fastened composite joints
[AD-A069170]

Bolted field repair of composite structures ---
repairing fuel cell composite wing surfaces
[AD-A067923] p0585 N79-28238

Ultra-high-modulus graphite-epoxy conical shell
development, supplement
[AD-A069795]

Thermal characteristics of 3501-6/A5 and 5208/T300
graphite epoxy composites
[AD-A071067]

Investigation of penetration of electromagnetic
energy through joints in advanced composite
structures --- aircraft structures
[AD-A065589]

Skin And Spar Interface Program (SAIP) ---
swepback and variable sweep wings
[AD-A071715]

COMPOSITES

U COMPOSITE MATERIALS

COMPOSITION (PROPERTY)

ATMOSPHERIC COMPOSITION

ATMOSPHERIC MOISTURE

CHEMICAL COMPOSITION

CONCENTRATION (COMPOSITION)

MOISTURE CONTENT

COMPOUND HELICOPTERS

Recent progress in rotorcraft and powered-lift
research
p0133 A79-18674
Effects of diffusion factor, aspect ratio and solidity on overall performance of a compressor middle stages --- the effects of varying both diffusion through the rotor and compressor blades and blade aspect ratio

[ NASA-TF-1523 ] p0717 879-33210

COMPRESSOR EFFICIENCY
Optimization for rotor blades of tandem design for axial flow compressors
[ ASME PAPERS 79-GT-125 ] p0293 879-32394

Thermal influence in gas turbine transients - Effects of changes in compressor characteristics
[ ASME PAPERS 79-GT-143 ] p0319 879-32209

Selected problems concerning unstable operation of aircraft turbine engine compressors
p0397 879-32589

Laser velocimeter applied to the study of circular distortion effects in a low speed compressor
[ ONERA, TF RD. 1979-30 ] p0647 879-5925

COMPRESSOR RONOMES
Three-dimensional shock models for transonic/supersonic compressor rotors
[ ASME PAPERS 79-GT-0083 ] p0139 879-19496

An analysis of thermal stress and gas bending effects on vibrations of compressor rotor stages --- blade torsional rigidity
[ AIAA PAPERS 79-0045 ] p0139 879-19498

Method for design and manufacture of the stage of a radial compressor
p0212 879-24196

A fundamental criterion for the application of rotor casing treatment --- in axial flow compressors
p0213 879-24220

Characteristics of the wake of a lightly loaded compressor or fan rotor
[ ASME PAPERS 79-0505 ] p0253 879-25861

Study of the flow field behind a transonic axial compressor rotor using laser-anemometry and unsteady pressure measurements
[ AIAA PAPERS 79-0701 ] p0330 879-29405

Influence of freely rotating inlet guide vanes on the return flows and stable operating range of an axial flow fan
[ ASME PAPERS 79-GT-31 ] p0340 879-30517

An off-design correlation of part-span damper losses through transonic axial fan rotors
[ ASME PAPERS 79-GT-6 ] p0390 879-33229

Unsteady upstream effects in axial-flow supersonic compressor stages
[ ASME PAPERS 79-GT-55 ] p0391 879-32250

Forced vibrations of a single stage axial compressor rotor
[ ASME PAPERS 79-GT-108 ] p0392 879-32283

Optimization for rotor blades of tandem design for axial flow compressors
[ ASME PAPERS 79-GT-125 ] p0393 879-32394

Effect of casing treatment on performance of a two-stage high-pressure-ratio fan
[ NASA-TP-1405 ] p0234 879-16852

Comparison between flows in cascades and rotors in the transonic range. 3: Comparison of experimental and theoretical results of flow studies on blade-to-blade surfaces in an axial compressor rotor
p0305 879-19002

Advanced composite engine rotor design
[ AD-A063861 ] p0424 879-22105

Rotor redesign for a highly loaded 1800 ft/sec tip speed fan. 1: Aerodynamic and mechanical design report
[ NASA-CR-152866 ] p0542 879-26055

Effect of rotor meridional velocity ratio on response to inlet radial and circumferential distortion
[ NASA-TP-1278 ] p0583 879-28177

Performance of two-stage fan with a first-stage rotor redesigned to account for the presence of a part-span damper
[ NASA-TP-1403 ] p0654 879-30191

Effects of diffusion factor, aspect ratio and solidity on overall performance of a compressor middle stages --- the effects of varying both diffusion through the rotor and compressor blades and blade aspect ratio
[ NASA-TP-1523 ] p0717 879-33210

COMPRESSORS
NT CYLINDRICAL COMPRESSORS
NT SUPERCHARGERS

NT SUPERSONIC COMPRESSORS
NT TRANSONIC COMPRESSORS
NT TURBONCOMPRESSORS
A discussion of turbine and compressor sealing devices and systems
p0024 879-12373

Optimum operating techniques of two-stage hypersonic gun tunnel
p0060 879-13982

Causes of high pressure compressor deterioration in service
[ AIAA PAPERS 79-1234 ] p0508 879-40083

Transonic 3-D flow analysis of compressor cascade with splitter vanes
[ AD-805750 ] p0044 879-11004

Theoretical and experimental investigation of the flow at the inlet of the vaned diffuser for a high pressure ratio centrifugal compressor
[ WEI-TW-125 ] p0226 879-16241

Strain gage system evaluation program
[ NASA-CR-159846 ] p0307 879-19318

Unsteady effects of circumferential pulsation of distorted inlet flows in compressors
[ AD-8062550 ] p0366 879-20123

Design problems of small turbomachines
p0422 879-22097

Study of blade aspect ratio on a compressor front stage aerodynamic and mechanical design report
p0435 879-23085

Effect of number of probes and their orientation on the calculation of several compressor face distortion descriptors
[ NASA-TM-72859 ] p0835 879-23087

Hydraulic compressor for a wind tunnel
p0389 879-23107

The sizing of a wind tunnel with a hydraulic compressor
p0393 879-23108

Shock-boundary layer interaction in compressor cascades: A review of available data
p0434 879-23828

Turbulence characteristics of compressor discharge flows --- DTE engine tests
p0496 879-25995

Turbulence measurements in the compressor exit flow of a General Electric C76-50 engine
p0496 879-25995

Handling problems through compressor deterioration
p0554 879-27169

Study in a straight cascade wind tunnel of aeroelastic instabilities in compressors
p0555 879-27178

COMPUTATION
NT ELLIPSE CALCULATION
Some recent progress in transonic flow computation --- flow distribution, numerical optimization, and airfoil design
p0301 879-18496

Sample calculation 4:  Phi = 9 deg 57
p0627 879-22690

COMPUTATIONAL FLUID DYNAMICS
A two-dimensional unsteady Euler-equation solver for flow regions with arbitrary boundaries
[ AIAA PAPERS 79-1465 ] p0565 879-45269

Vector processor algorithms for transonic flow calculations
[ AIAA PAPERS 79-1457 ] p0565 879-45273

Numerical investigation of the perpendicular injector flow field in a hydrogen fueled scramjet
[ AIAA PAPERS 79-1482 ] p0574 879-46686

The calculation of non-linear aerodynamic characteristics of wings and their wakes in subsonic flow
p0602 879-47099

Fully conservative numerical solutions for unsteady irrotational transonic flow about airfoils
[ AIAA PAPERS 79-1555 ] p0602 879-47342

Aerodynamics of spoiler control devices
[ AIAA PAPERS 79-1573 ] p0610 879-47925

An integrated analytical and experimental investigation of helicopter hub drag
[ AHS 79-5 ] p0626 879-49058

Numerical solution of the problem of unsteady supersonic flow around the front part of the wings with a detached shock wave
p0636 879-49456

Exterior flow with an isoparametric Hermite cubic element
Survey and evaluation of potential real-time interactive flight test facilities for the S-1 [AD-A070143] p0708 A79-32222
Research Aircraft Measurement System (RAMS) graphic system user guide [FP-296357] p0722 A79-33901

COMPUTER DESIGN

An artificial viscosity method for the design of supercritical airfoils [NASA-CR-153640] p0580 A79-28136

COMPUTER DESIGN

The impact of parallel computers on the design of nonlinear flight controllers [AIAA 79-956] p0698 A79-54474
Description and preliminary studies of a computer drawn instrument landing approach display [NASA-TM-787771] p0266 A79-11039
Integrated Thermal Avionics Design (ITAD) [NASA-A061227] p0292 A79-17855

COMPUTER DESIGN

Cyclical linkage of finite elements with application -- to aircraft structural analysis [AIAA PAPER 79-212] p0016 A79-11294
Application of an interactive graphics system for the design and optimization of aircraft lifting surfaces [NASA-CR-2806-2] p0025 A79-12436
Synthetic image generation for visual simulation in training simulators using the Tornado visual simulator as an example [AIAA PAPER 79-150] p0062 A79-16095
Computer graphics create the new wave of design [NASA-CR-2806-2] p0460 A79-37046
CADAN data handling from conceptual design through produce support [AIAA PAPER 79-1486] p0609 A79-47912
Graphical NC systems as a basis for programs towards the integration of design, planning and machining [NASA-CR-2806-2] p0376 A79-20761

If you have any specific questions or need further assistance, feel free to ask!
COMPUTERIZED SIMULATION

SUBJECT INDEX

TDS - A preliminary design system for turbines
[SAE PAPER 79-0724] p0263 A79-28290
Turbine engine cost reduction using Life Cycle Cost techniques
[SAE PAPER 79-0735] p0257 A79-25903
The application of computer-aided techniques to project design - for aircraft
[AAIA 79-0846] p0263 A79-26650
Introduction to the computer-aided design of flight vehicles - Russian book on spacecraft design
A79-27068
Combined strength and aeroelastic wing synthesis via constraint approximation
[AAIA 79-0724] p0346 A79-31613
Computer programs of flow calculation on relative stream surfaces 51 and 52 employing non-orthogonal curvilinear coordinates and non-orthogonal velocity components and their application to the design of turbomachine blades based on three-dimensional flow
[AAIA 79-0735] p0330 A79-29406
A NASA initiative for general aviation - The general aviation airfoil design and analysis service
p0346 A79-31613
An application of 3-D viscous flow analysis to the design of a low-aspect-ratio turbine
[ASNE PAPER 79-GT-191] p0563 A79-64794
Improving turbine efficiency - aerodynamic and stress analyses for gas turbine engines
[ASNE PAPER 79-GT-176] p0395 A79-32436
Computer-aided design - Aeronautics
p0399 A79-33456
General aviation airplane design for performance using small computers
[SAE PAPER 79-0724] p0457 A79-36748
Computer graphics create the new wave of design
p0460 A79-37066
Exploring team avionics systems by simulation
p0465 A79-35882
Computer calculations of steady-state temperature fields in cooled-turbine rotor blades
p0526 A79-62551
Computer calculation of steady-state temperature fields in cooled turbine disks
p0526 A79-62553
Computer aided design of mixed flow turbines for turbochargers
[ASNE PAPER 79-GT-191] p0563 A79-64794
Impact of digital computer technology on flight systems
[AAIA 79-1641] p0567 A79-6320
Technique for developing design tools from the analysis methods of computational aerodynamics
[ASNE PAPER 79-1259] p0576 A79-66111
Solution of the inverse aerodynamics problem by the random search method
p0601 A79-47002
Engineering and manufacturing communication via the computer data base
[AAIA PAPER 79-1085] p0609 A79-47911
CARC data handling from conceptual design through produce support
[AAIA PAPER 79-1086] p0609 A79-47912
Microprocessor-based digital autopilot development for the F-16C-J High-MI
p0614 A79-48508
A system for interdisciplinary analysis - a key to improved rotocraft design
[AAIA 79-0] p0626 A79-49060
Role of Numerical Control Design in the computer-aided design/manufacturing interface at Sikorsky Aircraft
[AAIA 79-30] p0630 A79-49086
Application of finite-element and holographic techniques in the design of turboshaft engine components
[AAIA 79-41] p0631 A79-49093
Evaluation of finite-element formulations for transient conduction forced-convective systems
p0635 A79-49383
Recent applications of theoretical analysis to V/STOL inlet design
p0636 A79-49530
Utilization of computerized FEM techniques to evaluate C/F system to environment compatibility - Electromagnetic Compatibility analysis for Communications Electronic systems
p0650 A79-52085
High speed radar processing using CMOS SOIC technology
[AAIA 79-901] p0697 A79-54380
Synthesis of aircraft structures using integrated design and analysis methods
p0800 A79-10458
Comprehensive helicopter analysis: A state of the art review
[NASA-TR-78-539] p0086 A79-12019
Computer-aided analysis and design of the shape rolling process for producing turbine engine airfoils
Analysis of a theoretically optimized transonic airfoil
Airfoil design by numerical optimization using a minicomputer
Progress in transonic flow computations analysis and design methods for three-dimensional flows - supercritical wings and wing-body combinations
p0302 A79-18951
Application of aerodynamic design techniques to process compressor design - computerized design
p0309 A79-19388
Computer-aided design study of hypersonic flowfields
[AD-A063737] p0365 A79-20122
A computer-aided design and fabrication system adapted to the design of three-dimensional objects - helicopter design
p0374 A79-20762
DRAPO: A computer aided design and fabrication system
p0374 A79-20763
CAD for electric systems design - in aircraft production
p0374 A79-20765
Aeritalia point of view and objectives on computer aided design
p0374 A79-20766
A discussion of the production design office benefits of C.A.D. - in the aircraft industry
p0374 A79-20767
Development of Integrated Programs for Aerospace-vehicle design (IPAD): Reference design process
[NASA-CR-2581] p0362 A79-21046
Wing-mounted antenna code: User's manual
[AD-A065589] p0409 A79-2416
ANALYSIS: Analysis of aerospace structures with membrane elements
[AD-A065633] p0491 A79-2479
Optimum tail fairings for bodies of revolution - computerized design
[AD-A067927] p0539 A79-26031
Advanced computer technology in aerodynamics.
Lecture 1: Computer-aided aircraft design
p0579 A79-28216
An artificial viscosity method for the design of supercritical airfoils
[NASA-CR-158840] p0580 A79-282136
A gas turbine off-design computing system
p0587 A79-28563
Contribution to the calculation of the dynamic behavior of industrial turbocompressor circuits
p0587 A79-28564
A computer-aided design method for axial flow pumps and fans
p0588 A79-28568
The design of digital controllers for the C-141 aircraft using entire eigenstructure assignment and the development of an interactive computer design program
[AD-A069192] p0672 A79-31224
COMPUTERIZED SIMULATION

WT ANALOG SIMULATION

WT DIGITAL SIMULATION

The role of flight dynamic modeling in helicopter certification
[SAE PAPER 780550] p0005 A79-10409
Simulation of helicopter powerplant performance
[ASNE PAPER 78-05-51] p0008 A79-10774
Structural design flight maneuver loads using PDP-10 flight dynamics model

The survivability of helicopters to rotor blade structural design flight maneuver loads using Method of determining the stability and controllability characteristics of an aircraft from the transient processes

Test and evaluation procedures for the GPS user equipment

Band spread effect of a Doppler radar distance measurement system --- for missile scoring system environment and its use in real-time aircraft simulations

A parachute that goes up lift-devices for a parachute with fully-deployed canopy

Flight simulators --- Russian book

Visual simulation systems --- for vehicle operator training

Nadar simulation from optical photography --- for scene prediction map in navigational guidance

Use of helicopter flight simulation for height-velocity test predictions and flight test risk reduction

Transfer function modeling of air traffic concentration

Simulation requirements for rotocraft --- visual display, motion cue and computer considerations

Nonlinear gust loads analysis - Monte Carlo vs. describing function analysis

Calculation of transonic aileron buzz

Comments on a proposed standard wind hazard environment for an advanced aircraft engine combustor design

Definition of electronic engine control environment for an advanced aircraft engine

Computer calculation of aerodynamic characteristics of aircraft at supersonic velocities

Effects of turbulence model selection on the prediction of complex aerodynamic flows

Dynamic simulation studies of fuel conservation procedures used in terminal areas

Discrete time slice simulation of replacement requirements --- for aircraft engines

Flight simulation of a vehicle with a two-stage parachute system

The validity of the Leicester computer model for a parachute with fully-deployed canopy

GASP IV simulation model for the composite and bonding production facility

Perspectives of technological development for helicopters

Evaluation of HOSAS computer code for predicting dynamic loads in two-bladed wind turbines

Ship motion effects on landing impact loads --- V/STOL landing on aircraft carrier

Crash simulation of composite and aluminum helicopter fuselages using a finite-element program

Numerical analysis of flow through turbine cascades by the Modified PLIC Method

Nonlinear structural crash dynamics analyses

Experimental verification of program NASA - A mathematical model for general aviation structural crash dynamics

Seat/occupant crash dynamic analysis verification test program

Exploring teens avionics systems by simulation

An aircraft simulation using a product of exponentials as matrix of nonlinear structural crash dynamics analyses

The role of three-dimensional flow analysis in the design of turbomachinery

The application of the Fuzzy-Fan concept in preliminary design of a very advanced technology light twin /VATLIT 185/

FEISIM-A systems reliability simulation code

Weight and cost estimating relationships for heavy lift airships

Flight dynamics analyses and simulation of Heavy Lift Airship

Disregenerate node-share models for air freight policy analysis

Vector processor algorithms for transonic flow calculations

A simulation of amphibious hovercraft overturning

Performance predictions for open ocean air cushion vehicles and surface effect ships

A computer system for identifying aircraft characteristics

Construction of electronic models of microwave landing systems

Progress in mathematical modeling of the aircraft operational environment of DD 963 class ships

Air traffic control simulation models, volume 2. A bibliography with abstracts

Air traffic control simulation models, volume 1. A bibliography with abstracts

Lift Airship

Finite element analysis of helicopter structures

Dayton aircraft cabin fire model validation, phase 1 [AD-1058547]

Multifunction Inertial Reference Assembly Technology (MIRAT) simulation development, configuration evaluation, and test plan development [AD-1057324]

An analysis of the stability of an aircraft equipped with an air cushion recovery system [AD-1057436]

Airport improvement task force delay study: Data collection, reduction and analysis [AD-1056261]

Flight Dynamics Laboratory at SLL [SMD-78-8240]

The FAA's airport landside model: Analytical approach to delay analysis [AD-1051145]
Structural area inspection frequency Evaluation (SAIFE). Volume 2: Description of simulation logic
[AD-A059689]
p0171 N79-15026
A method to estimate weight and dimensions of large and small gas turbine engines
[NASA-CR-159481]
p0173 N79-15046
Computer simulation of an aircraft engine fuel injection system
[NASA-CR-157641]
p0174 N79-15052
The Lufthansa day/night computer generated visual system

Recent advances in television visual systems
p0223 N79-15985
Survey of radar simulation training at AFC field facilities
[PA-AR-76-27]
p0296 N79-17677
Development of smart target for simulation of controlled air-to-air combat
[AD-A056739]
p0295 N79-17679
Monte Carlo simulation of single accident airport risk profile
p0296 N79-18084
Dyanmic simulation of a multi-sensor communication and navigation system - computer program verification
p0354 N79-20026
Simulation correlation, and analysis of the structural response of a CH-47A to crash impact
[AD-A062643]
p0363 N79-20099
A computer model for determining weapon release parameters for a helicopter in non-accelerated flight
[AD-A062555]
p0368 N79-20106
Turbulence simulation mechanization for Space Shuttle Orbiter dynamics and control studies
[NASA-CR-161949]
p0368 N79-20174
Users manual for linear Time-Varying Helicopter Simulation (Program TYHS)
[AD-A085020]
p0375 N79-20769
Simulation evaluation of combined 4D buffer and airborne traffic situation displays and procedures applied to terminal aerial maneuvers
[NASA-CR-159478]
p0380 N79-21033
Regression simulation of turbine engine performance/aerodynamic regression model
p0428 N79-22106
Integrated noise model - computerized simulation of commercial jet aircraft noise near airports
p0428 N79-22851
Computer formulations of aircraft models for simulation studies
[NASA-TP-1470]
p0580 N79-23008
Low-frequency augmentor instability investigation computer program user's manual
[AD-A0605774]
p0586 N79-23093
User guide for STURNL: A boundary-layer program for contoured wind-tunnel liner design
[NASA-CR-159054A]
p0589 N79-23118
VOLAN: A digital computer program for simulating V/STOL aircraft launch and recovery from small ships. Volume 1: Program description
[AD-A066172]
p0659 N79-23954
Aerospace computer systems. Part 1: Avionics applications, volume I. A bibliography with abstracts
[NTIS/PS-79/03123]
p0845 N79-23959
Combined pressure and temperature distortion effects on internal flow of a turbofan engine
[NASA-TM-79136]
p0846 N79-23963
Regression simulation of turbine engine performance: Accuracy improvement (task 4)
[AD-A066358]
p0949 N79-25027
The airport performance model, Volume 1:
Extensioins, validations, and applications
[AD-A062863]
p0500 N79-25040
Feasibility study for a numerical aerodynamic simulation facility: Summary
[NASA-CR-152886]
p0543 N79-26067
The computation of optimal aircraft trajectories
[BE-577]
p0545 N79-27128
Aeronautical research into vertical problems in V/STOL aircraft approach landing
[IPD-6-78]
p0550 N79-27134
Experimental and theoretical studies on model helicopter rotor noise
[NASA-CR-150846]
p0589 N79-28984

Design of a multi-functional flight control system for real-time aircraft simulation
p0599 N79-29700
ONERA's model of the pilot in discrete time
[AD-A071400]
p0660 N79-30242
The development of digital controllers for the C-141 aircraft using entire eigenstructure assignment and the development of an interactive computer design program
[AD-A0659192]
p0672 N79-31224
Tactical performance characterization basic methodology
[AD-A069297]
p0674 N79-31235
Investigation on information error caused by traffic loading in approach and landing systems
p0675 N79-31480
Powered-lift aircraft handling qualities in the presence of naturally-occurring and computer-generated atmospheric disturbances
[AD-A072118]
p0705 N79-31928
Regression Simulation of Turbine Engine Performance (RSTEP), task 1
p0718 N79-32313

CONCRETE

NT AEROSPACE/SPACEBORNE COMPUTERS
NT DIGITAL COMPUTERS
NT HYBRID COMPUTERS
NT MICROCOMPUTERS
NT MAINFRAMES
NT PARALLEL COMPUTERS

Advanced fault detection and isolation methods for aircraft turbine engines
[AD-A058991]
p1004 N79-13053
A new baseline for the inertial navigation strapdown simulator program. Volume 1: Introduction and summary
[AD-A062807]
p381 N79-21037
Some new airfoils
p384 N79-23969

CONCENTRATION (COMPOSITION)

NT ATMOSPHERIC MOISTURE
NT MOISTURE CONTENT
Comparisons of turbine engine combustor exhaust emissions measurements using three gas-sampling probe designs
[AD-A061733]
p305 N79-19005

CONCORDE AIRCRAFT

Powerplant integration - The application of current experience to future developments
[ALPE PAPER 78-CT-113]
p0008 N79-10788
A comparison of temperatures and winds reported by the Concorde SST with data obtained from ravinsonde and satellite
p0194 N79-21991
Concorde in service
p333 N79-29606
Monitoring stratospheric winds with Concorde-generated infrasound
p0574 N79-46225
Thermospheric propagation of sonic booms from the Concorde supersonic transport
[AD-A067201]
p0505 N79-25855
Results related to simulated and in-flight experimentation with an electric flight control system that can be generalized
p0658 N79-30224
A comparison of predictions obtained from wind tunnel tests and the results from cruising flight: Airbus and Concorde --- conferences
[NASA-TN-75238]
p0663 N79-31166
Supersonic transport vs-a-vs energy savings
p0665 N79-31484

CONCRETE

An investigation into the use of polymer-concrete for rapid repair of airfield pavements
[AD-A059121]
p1007 N79-13203
Research in airport pavements
[PS-209432/7]
p3068 N79-20145
Development of a structural design procedure for rigid airport pavements
[AD-A069548]
p0584 N79-28147
Recycling of asphalt concrete airfield pavement: A laboratory study
[AD-A072117]
p0707 N79-32218

CONCRETE
Advanced fabrication processes [AGARD-CP-256] p0442 1979-23236
The science and technology of low speed and notoriouse flight, part 1 [NASA-CR-2085-Pt-1] p0479 1979-23889
Technical evaluation report on the 52nd Symposium of the Propulsion and Energy on Stresses, Vibrations, Structural Integration and Engine Integrity (including aeroelasticity and fracture) [AGARD-AR-133] p0566 1979-28181
The Uniduct and control of Helicopters and V/STOL aircraft at night and in poor visibility [AGARD-CP-256] p0655 1979-30198
Stability and control conferences [AGARD-CP-256] p0658 1979-30218
A comparison of predictions obtained from wind tunnel tests and the results from a flying flight: Airbus and Concorde conferences [NASA-TM-75238] p0663 1979-31136
Factor of safety - USAF design practice conferences [AD-A070237] p0703 1979-32163
Stresses, vibrations, structural integration and engine integrity (including aeroelasticity and flutter) [AGARD-CP-248] p0649 1979-49990
The science and technology of low speed and notoriouse flight, part 1 [NASA-CR-2085-Pt-1] p0479 1979-23889
A careful numerical study of flowfields about external conical corners. I - Symmetric configurations [AGARD-AR-133] p0566 1979-28181
Identification of desirable design features for the C-X airplane - I systems approach [AIAA PAPER 79-0920] p0587 1979-26555
CADD data handling from conceptual design through production support [AIAA PAPER 79-1046] p0609 1979-47912
Rough configuration management system concepts [AD-A069960] p0679 1979-31234
CONFERENCE MANAGEMENT
CONFERENCE MANAGEMENT
Identifying desirable design features for the C-X airplane - I systems approach [AIAA PAPER 79-1796] p0605 1979-47883
CADD data handling from conceptual design through production support [AIAA PAPER 79-1046] p0609 1979-47912
A careful numerical study of flowfields about external conical corners. I - Symmetric configurations [AGARD-AR-133] p0566 1979-28181
Identification of desirable design features for the C-X airplane - I systems approach [AIAA PAPER 79-0920] p0587 1979-26555
CADD data handling from conceptual design through production support [AIAA PAPER 79-1046] p0609 1979-47912
CONTROL DEVICES

controlability characteristics of an aircraft from the transient processes

Active control --- aircraft systems

Design of the TFH system in relation to experience with the CCV-PS0 program and functional redundancy --- digital flight control systems for tactical fighter aircraft [DGLR PAPER 78-139]

Optimizing finned pilotless flight vehicle design

Control considerations for fighter aircraft design parameter selection --- control configured optimization

Optimizing finned pilotless flight vehicle design parameters

Problems raised by the application of the natural stability reduction concept to transport aircraft [NASA T-89-20117]

Recent developments in active control technology [AIAA 79-0708]

Parameter considerations for CCV fighters at high angles of attack

Preparing for the TFH 90 [NASA T-89-40326]

Parameter and state estimation applicable to aircraft identification problem

Parallel procedures for aircraft parameter identification and state estimation [AIAA 79-43946]

Direct force mode flight control for a vectored lift fighter [AIAA 79-17484]

From HINAT to future fighters --- Highly Maneuverable Aircraft Technology assessment

A microprocessor system for flight control research

Application of Lagrange Optimization to the drag polar utilizing experimental data

A computer program for aircraft identification and derivative extraction

Investigations for the calculation of robust control systems --- aircraft control, sensor failure

Investigations for the calculation of robust control systems --- equipment spurs husk manufacture - Full-scale production slated --- Numerical Control for integrated helicopter compressor blade and disk manufacture

Improved fighter mission effectiveness by use of integrated flight systems

Improvement of fighter aircraft maneuverability through employment of control configured vehicle technology

Stability and control aspects of the CCV-PS0

Design guidance from fighter CCV flight evaluations

A simulator investigation of handling quality criteria for CCV transport aircraft [NASA T-89-20020]

CONTROL DEVICES

U CONTROL EQUIPMENT

CONTROL EQUIPMENT

NT CONTROL STICKS

NT PRESSURE REGULATORS

The solid state remote power controller - Its status, use and perspective --- for aircraft and spacecraft

Control system requirements for aircraft gas turbine engines

Control systems and problems of their development from the viewpoint of technological and operational requirements --- for aircraft gas turbine engines

Evaluation of two inflow control devices for flight simulation of fan noise using a JT15D engine

Parallel procedures for aircraft parameter identification and state estimation [AIAA 79-45316]

Numerical Control for integrated helicopter compressor blade and disk manufacture

Flight control. II - Control system design --- German book


Military considerations for helicopter flight controls

Automatic Stabilization Equipment for the Army/Hughes YAH-66 Advanced Attack Helicopter

Investigations for the calculation of robust control systems --- aircraft control, sensor failure

Evaluation of two inflow control devices for flight simulation of fan noise using a JT15D engine

Validation of MIL-F-94900: General specification for flight control system for piloted military aircraft. Volume 1: Summary of TP-17 and C-5A validations

Validation of MIL-F-94900: General specification for flight control system for piloted military aircraft. Volume 2: YF-17 lightweight fighter validation

Helicopter high gain control [NASA T-89-30243]

Helicopter high gain control [NASA T-89-31221]
CONTROL STABILITY

Active control --- aircraft systems

Recent progress in active controls applied to flutter suppressors

Effect of a spin chute installation on spin characteristics --- of light general aviation aircraft

Aerodynamic development of a small horizontal tail for an active control relaxed stability transport application

Direct force mode flight control for a vectored lift fighter

A new look at inflight simulation of augmented dynamics in fighter approach and landing

A piloted simulator investigation of helicopter precision deceleration approaches to hover to aircraft single-pilot IFR /SPIRE/ requirements

An improved method for load survey flight testing

Benefits of aerodynamic interaction to the three surface configuration

Synthesis of digital flight control tracking systems by the method of entire eigenstructure assignment

Piloted simulator investigation of helicopter control systems effects on handling qualities during instrument flight

An evaluation of sidestick force/deflection characteristics on aircraft handling qualities

Aircraft motion sensitivity to dynamic stability derivatives

Stability and control --- conferences

Structural aspects of active controls

Accelerated development and flight evaluation of active controls concepts for subsonic transport aircraft

CONTROL STICKS

Sidestick/Throttle Controller - An alternate approach

Comment on "Flight test of stick force stability in attitude-stabilized aircraft"

An evaluation of sidestick force/deflection characteristics on aircraft handling qualities

CONTROL SURFACES

WT AERIAL RUDDERS

WT AILERONS

WT FLAPSTICKS (CONTROL SURFACES)

WT ELEVONS

WT EXTERNAL BLOW FLAPS

WT FLAPS (CONTROL SURFACES)

WT GUIDE VANES

WT HORIZONTAL TAIL SURFACES

WT JET PLANS

WT JET VANES

WT LEADING EDGE SLATS

WT Rudder BUDGERS

WT RUDDERS

WT SPOILER SLOT AILERONS

WT SPOILERS

WT TRAILING-EDGE FLAPS

WT WING FLAPS

Control and stabilization in aerodynamics --- Russian book

Synthesis and analysis of systems for active control and suppression of flutter of flying craft

Comparative study between two different active flutter suppression systems

Flutter suppression and gust alleviation using active controls - Review of developments and applications based on the aerodynamic energy concept
### CONTROL THEOREY

- **Analytical design of complex systems. II --- for aircraft**: p0083 A79-16794
- **Radio-engineering tracking systems**: p0410 A79-35501
  - Analysis design of complex systems. II --- for simultaneous improvement of all basic prototype flight vehicle performance characteristics: p0613 A79-68505
- **Piloting output unit control systems activated by jacks --- for controlling aircraft**: p0073 A79-10666
- **An aircraft design with application to preflights and sampling-rate selection in digital flight control systems**: p095 N79-12095
- **Development of a digital guidance and control law for steep approach automatic landings using modern control techniques**: p0220 A79-16824
- **Active controls in aircraft design**: p0235 A79-16864
  - Precontrol summary: p0235 A79-16867
- **Highly maneuverable aircraft technology --- remotely piloted research vehicle**: p0236 A79-16871
- **Propulsion-flight control integration technology**: p0236 A79-16872
- **The optical control frequency response problem in manual control --- of manned aircraft systems**: p0244 A79-17476
- **Error assessment and control**: p0565 A79-20131
- **Active control for the Total-In-Flight Simulator**: p0497 A79-17476
  - Analysis of digital flight control systems with flying qualities applications. Volume 1: Executive summary: p0549 A79-25035
- **A method for obtaining practical flutter-suppression control laws using results of optimal control theory**: p0568 A79-28614

---

### CONTROL VALVES

- **Fluidics: Feasibility study**: p0236 A79-49081
  - Spirit helicopter handling qualities design and development: p0236 A79-49076
  - Handling quality and display requirements for low speed and hover in reduced flight visibility: p0437 A79-23098
  - The influence of engine/fuel control design on helicopter dynamics and handling qualities: p0437 A79-31151
  - Flight experiments to evaluate the effect of wing-tip masts on fuel consumption and handling characteristics: p0672 A79-31227
  - Effect of sampling rate and record length on the determination of stability and control derivatives: p0881 A79-49818

---

### CONTROL VALVES

- **Helicopter controls for shipboard landing**: p0654 A79-30193
- **Helicopter high grain control**: p0672 A79-31221
- **Investigation of invariance Vandervonde matrix calculation for linear system applications --- adaptive flight control systems**: p0672 A79-31225
- **Path controllers: Unification of concepts and comparison of design methods**: p0673 A79-31227

---

### CONTROLLABILITY

- **Handling qualities aspects of the Bell Model 222 design and development program**: p122 A79-16152
- **A piloted simulator investigation of augmentation systems to improve helicopter nap-of-the-earth handling qualities**: p01194 A79-24982
- **Rotorcraft system identification techniques for handling qualities and stability and control evaluation**: p022 A79-16155
- **Handling qualities of Army/Hughes YAH-64 advanced attack helicopter**: p0276 A79-27365
- **Evaluation of IFR handling qualities of helicopters using the NAE airborne V/STOL simulator**: p0276 A79-27365
- **A simulator investigation of handling quality and display requirements for low speed and hover in reduced flight visibility**: p0378 A79-21005
- **The influence of engine/fuel control design on helicopter dynamics and handling qualities**: p0437 A79-31151
- **Flight experiments to evaluate the effect of wing-tip masts on fuel consumption and handling characteristics**: p0672 A79-31227
- **Effect of sampling rate and record length on the determination of stability and control derivatives**: p0881 A79-49818

---

### CONTROLLED ATMOSPHERES

- **MT CAREN ATMOSPHERES**: p0654 A79-30193
- **CONTROLLED STABILITY**: p0672 A79-31227
CONVERGENT-DIVERGENT NOZZLES

CONVERGENT NOZZLES

CONVERGENCE

CONVECTIVE BEAT TRANSFER

CONVECTION CURRENTS

Optical controller design methods for linear systems with uncertain parameters—development, evaluation, and comparison --- autopilots for remotely piloted vehicles

CONVERGENT AIRCRAFT

U MILITARY AIRCRAFT

CONVECTION

MT FORCED CONVECTION

Thunderstorms turbulence investigations for 1973-1974 in support of the National Severe Storms Laboratory (NSSL)

[DOD-AFM-21-75-(11)-1036] p0465 N79-20336

Case studies on convective storms. Case study 1, 22 June 1976: First echo case

[(PB-295757/48)] p0722 N79-33759

Case studies on convective storms. Case study 2, 22 June 1976: First echo case

[(PB-295757/48)] p0722 N79-33759

CONVECTION CURRENTS

A small aircraft gust-probe system for studies of boundary layer convection and transport

p0193 A79-21972

CONVECTIVE HEAT TRANSFER

Recent advances in convectively cooled engine and airframe structures for hypersonic flight

p0153 A79-20067

Jet cooling at the rim of a rotating disk

[ASME PAPER 78-GT-25] p0196 A79-22331

Gas turbine combustor cooling by augmented backside convection

[ASME PAPER 78-GT-33] p0196 A79-22334

Heat transfer investigation of laminated turbine airfoils

p0214 A79-24291

Convective heat exchange of gas-particle stream in flow passage of throttling device with vane-type turning element

p0280 A79-27792

Measurements of heat transfer in circular, rectangular, and triangular ducts, representing typical turbine blade internal cooling passages using transient techniques

[ASME PAPER 78-GT-40] p0391 A79-12343

Transient advection of fission in intense radiative and convective environments

p0462 A79-38123

Numerical methods for solution of radiative-convective heat transfer problems – Radiative boundary layer --- for hypersonic blunt bodies in dense atmosphere

p0528 A79-42971

Recent advances in convectively cooled engine and airframe structures for hypersonic flight

p0386 A79-21425

CONVERGENCE

Comparative study of the convergence rates of two numerical techniques

p0060 A79-13989

Adaptive approximations in finite element structural analysis --- for aircraft components

p0195 A79-22951

On the balancing convergence of flexible rotors, with special reference to asymmetric rotors

p0385 A79-31390

CONVERGENT NOZZLES

Flow of ideal gas in tapering nozzles

p0127 A79-18358

Aerodynamic and acoustic comparisons of scaled-down and actual engine jets

[ASME PAPER 78-GT-67] p0273 A79-26946

CONVERGENT-DIVERGENT NOZZLES

Characteristics of Laval nozzles with gasdynamic regulation

p0408 A79-34650

COOLING SYSTEMS

An approximate method for calculating a laminar boundary layer in microscales

p0526 A79-42559

Experiments of shock associated noise of supersonic jets

[AFAA PAPER 79-1526] p0602 A79-47391

Effect of several geometric parameters on the static internal performance of three nonaxisymmetric nozzle concepts

p0538 A79-26022

CONVERGENCE

U/V/STOL AIRCRAFT

A combined air-cushion and endless belt transportation system

p0641 A79-49911

COOLANTS

MT ENGINE COOLANTS

COOLING

MT AIR COOLING

MT LIQUID COOLING

MT GAS COOLING

MT REGENERATIVE COOLING

MT SUPERCOOLING

MT SURFACE COOLING

Thermal design of airborne radars - Present and future

p0018 A79-11919

Effect of cooling of the central body on startup, separation of the flow at the intake and the throttling characteristics of air scoops at supersonic and hypersonic velocities

p0680 A79-52438

Turbine Blade Cooling

[VIK-LECTURE-SERIES-83] p0304 A79-18979

Turbine blade cooling

p0304 A79-18980

Alternative turbine cooling technology

p0304 A79-18984

The aerodynamic penalties associated with turbine blade cooling

p0304 A79-18986

Hot flow testing of multiple nozzle exhaust eductor systems --- cooling exhaust gas from gas turbine powered ships

[AD-A062205] p0371 A79-20354

Flameless braising and heat treatment of a plate-fin sandwich actively cooled panel

p0386 A79-21432

COOLING PINS

The utilization of data relating to fin geometry and manufacturing processes of ceramic matrix systems to the design of ceramic heat exchangers

p0028 A79-12824

COOLING SYSTEMS

Performance and design of transpiration-cooled turbine blading

[ASME PAPER 78-GT-122] p0009 A79-10790

Turbine-driven refrigeration units in gas turbine engine cooling systems --- Russian book

p0016 A79-11461

The application of foil air bearing turbomachinery in aircraft environmental control systems

[ASME PAPER 78-EMAS-18] p0027 A79-12567

Advanced environmental cooling concepts for supersonic aircraft

[ASME PAPER 78-EMAS-21] p0027 A79-12570

F-16 air conditioning system

[ASME PAPER 78-FSAS-23] p0027 A79-12572

Recent advances in convectively cooled engine and airframe structures for hypersonic flight

p0153 A79-20087

Solar and aircraft measurements of turbulence parameters within cooling tower plumes

p0193 A79-21967

Gas turbine combustor cooling by augmented backside convection

[ASME PAPER 78-GT-33] p0196 A79-22334

Heat transfer investigation of laminated turbine airfoils

p0214 A79-24291

Determination of heat transfer coefficients around a blade surface from temperature measurements

[ASME PAPER 79-GT-18] p0360 A79-30515

Lower avionic temperature - Lower life cycle cost

p077 A79-35914

Drag reduction by cooling in hydrogen-fueled aircraft

p0127 A79-18358

A-139
A comparison of costs associated with local actions to reduce aircraft noise impacts

Technical characteristics and cost data for the II-62 and II-62M aircraft and optimal flight conditions

The results of synthesizing and evaluating potential solutions for Multi-Function Inertial Reference Assembly/MIRA candidate configurations for transport and fighter aircraft

Air Force Space Laser Communications

Diagnostics of wear in aeronautical systems

Identification of high payoff research for more efficient applicator helicopters in agriculture and forestry

Avionics standardization potential analysis

Airframe transparency failure and logistical cost analysis. Volume 1: Program summary

Airframe transparency failure and logistical cost analysis. Volume 2: Design data and maintenance procedures

Aircraft transparency failure and logistical cost analysis. Volume 3: Transparency analysis

Ranjet cost estimating handbook

Construction using carbon fiber composite materials and aluminum: A cost comparison

Cost effectiveness

Evolution of the turboprop for high speed air transportation

A glance at Soviet helicopter design philosophy

Advanced technology impact upon ATV self test — by use of microprocessors and LSI

Analysis of the economic benefits of utility helicopter safety design features

Cost and operational effectiveness of ASM improvements

Cost effective improvement of the timelos C-130 Hercules airlifter

TP 41 condition monitoring systems effectiveness study

Extensive cost reduction studies: Composite cigiment component - L-1011 commercial airliner

Manufacture of ring rolled components for gas turbine engines

Introducing cost effectiveness into the tactical airplane design cycle in a cost effective manner

Comprisons between economic concerns and application of new technologies in the definition of a new airplane project

Cost-effective production of flight vehicle shells by the pressure and flow-pressure processes

Economical processing of fiber-reinforced components with thermal expansion molding — - CNT structures for aircraft application

Fever controls, easier inspection - Diffusion bonding shows cost advantages

The selection of materials technologies for full-scale development - aircraft engine applications

Payback period - An engineering cost/benefit method

Problems of increasing the efficiency of Malev. II airline operations

Analysis of Coast Guard missions for a maritime patrol airship

The hydrofoil sea-plane as high-speed naval craft

Propulsion system and airframe integration feasibility and cost effectiveness of airborne tire pressure indicating systems

Cost reduction

Can low-cost VOR and Omega receivers suffice for RNAV - A new computer-based navigation technique

Effect of maintenance plan and engine durability on helicopter propulsion system ownership cost

Possibilities and limits of the application of estimation methods for development costs and equipment unit prices of flight systems in preliminary design, planning, and evaluation tasks

Survey of the cost estimation processes used during the transporter design stage — military aviation

Weight and cost estimating relationships for heavy lift airships

Lockheed urges hydrogen fuel

Airframe development cycle on improved performance, higher efficiency

The Avionics Laboratory Predictive Operations and Support (ALPOS) cost model, volume 2

An appraisal of models used in life cycle cost estimation for USJ aircraft systems

The production function and airframe cost estimating

Maintenance cost study of rotary wing aircraft, phase 2

Naval aircraft operating and support cost-estimating model, FY 1977 revision

Avionics cost development for use of Loran-C navigation systems by low performance general-aviation aircraft

A gas path performance diagnostic system to reduce J75-F-17 engine overhaul costs

The P/T-18 challenge - Readiness and low total cost

The perils and pitfalls of low-cost vibration alternatives - Practical experience with pneumatic exciters for production screening —— electronic equipment tests
An estimate of the economic benefit from a communication satellite to oceanic air traffic p0075 A79-16087

Extensive cost reduction studies: Composite propellant component - L-1011 commercial airliner p0112 A79-17091

Turbine engine cost reduction using life cycle Cost techniques [SAP PAPER 79-1031] p0257 A79-25031

Future avionics - Keeping capability up, costs down p0273 A79-27093

New technology in commercial aircraft design for minimum operating cost [AIAA 79-0690] p0275 A79-27356

Computer graphics create the new wave of design p0460 A79-37046

Cost benefits from improved hot section life prediction technology --- for aircraft engine combustor and turbine parts [AIAA PAPER 79-1154] p0467 A79-38963

Damage tolerant design - An approach to reducing the life cycle cost of gas turbine engine disks [AIAA PAPER 79-1169] p0468 A79-38976

The nonotor gas turbine [AIAA PAPER 79-1230] p0470 A79-38994

Contribution of the engine R & D community to reduced cost of ownership of ARV helicopters [AIAA PAPER 79-1360] p0511 A79-40764

Y-14 thermoplastic/graphite elevator p0529 A79-43241

New versus existing engines for new helicopter systems - A life cycle cost view [AIAA 79-1316] p0603 A79-47348

A Navy plan for the development of a practical computer-aided programming/CAP/ system for analog circuit test design p0623 A79-48870

Ten years of aerospace experience with the fenestron and conventional tall rotor [AHS 79-58] p0633 A79-49108

Small hovercraft design - Evolution to simplicity p0640 A79-49506

Derivative engines for the 1980s will help limit acquisition and maintenance costs p0643 A79-50206

Flight test technology development - A preview of Dynotech --- dynamic modeling p0645 A79-50435

A direct drive fly-by-wire system p0692 A79-53630

Reduction of computer usage costs in predicting unsteady aerodynamic loadings caused by control surface actions: Analysis and results [NASA-CR-3009] p0360 A79-20072

Hybrid technology cost reduction and reliability improvement study [AD-A0622487] p0270 A79-20319

COSTS

NT AIRCRAFT PRODUCTION COSTS p0376 A79-16889

NT FUEL COSTS p0557 A79-27336

NT LABOR COST p0579 A79-27336

Findings and views concerning the erosion of aviation gasoline from the mandatory petroleum allocation and price regulations [DOT/ER-2002] p0579 A79-27336

COUNTERMEASURES

NT ELECTRONIC COUNTERMEASURES p0579 A79-27336

NT RAMMING p0579 A79-27336

NT OPTICAL COUNTERMEASURES p0579 A79-27336

COUPLED MODES

A comparison of predicted and experimental rotor loads to evaluate flap-lag coupling with blade pitch [AHS 78-19] p0121 A79-18145

COUPLED AIRCRAFT cable parameter study [AD-A065267] p0592 A79-12077

COUPLING NT CROSS COUPLING p0249 A79-25321

ZEP coupling to a composite aircraft Advanced coupling development program [AD-A064266] p0427 A79-22522

COUPLING EFFECT COEFFICIENTS Effect of structural coupling parameters on the flap-lag forced response of a rotor blade in forward flight using Floquet theory p0131 A79-18658
### SUBJECT INDEX

<table>
<thead>
<tr>
<th>Page</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>p0020</td>
<td>A79-12164</td>
</tr>
<tr>
<td>p0388</td>
<td>A79-32046</td>
</tr>
<tr>
<td>p0527</td>
<td>A79-42624</td>
</tr>
<tr>
<td>p0049</td>
<td>A79-11433</td>
</tr>
<tr>
<td>p0309</td>
<td>A79-19412</td>
</tr>
<tr>
<td>p0266</td>
<td>A79-26841</td>
</tr>
<tr>
<td>p0660</td>
<td>A79-30240</td>
</tr>
<tr>
<td>p0016</td>
<td>A79-51091</td>
</tr>
<tr>
<td>p0016</td>
<td>A79-11370</td>
</tr>
<tr>
<td>p0184</td>
<td>A79-20295</td>
</tr>
<tr>
<td>p0368</td>
<td>A79-32041</td>
</tr>
<tr>
<td>p0066</td>
<td>A79-50025</td>
</tr>
<tr>
<td>p0226</td>
<td>A79-16311</td>
</tr>
<tr>
<td>p0025</td>
<td>A79-19362</td>
</tr>
<tr>
<td>p0272</td>
<td>A79-26941</td>
</tr>
<tr>
<td>p0074</td>
<td>A79-15665</td>
</tr>
<tr>
<td>p0109</td>
<td>A79-13822</td>
</tr>
<tr>
<td>p0076</td>
<td>A79-15068</td>
</tr>
<tr>
<td>p0179</td>
<td>A79-15094</td>
</tr>
<tr>
<td>p0038</td>
<td>A79-13870</td>
</tr>
<tr>
<td>p0060</td>
<td>A79-30240</td>
</tr>
<tr>
<td>p0645</td>
<td>P.79-50433</td>
</tr>
<tr>
<td>p0655</td>
<td>A79-50433</td>
</tr>
<tr>
<td>p0176</td>
<td>A79-15068</td>
</tr>
<tr>
<td>p0215</td>
<td>A79-15912</td>
</tr>
<tr>
<td>p0060</td>
<td>A79-13991</td>
</tr>
<tr>
<td>p0022</td>
<td>A79-23551</td>
</tr>
<tr>
<td>p0203</td>
<td>A79-23563</td>
</tr>
<tr>
<td>p0338</td>
<td>A79-30481</td>
</tr>
<tr>
<td>p0574</td>
<td>A79-46692</td>
</tr>
<tr>
<td>p0140</td>
<td>A79-19514</td>
</tr>
<tr>
<td>p0215</td>
<td>A79-19606</td>
</tr>
<tr>
<td>p0140</td>
<td>A79-19515</td>
</tr>
<tr>
<td>p0179</td>
<td>A79-15094</td>
</tr>
<tr>
<td>p0645</td>
<td>P.79-50333</td>
</tr>
<tr>
<td>p0655</td>
<td>A79-50433</td>
</tr>
<tr>
<td>p0176</td>
<td>A79-15068</td>
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<tr>
<td>p0076</td>
<td>A79-15094</td>
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<td>p0215</td>
<td>A79-15912</td>
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<td>p0138</td>
<td>A79-19362</td>
</tr>
<tr>
<td>p0272</td>
<td>A79-26941</td>
</tr>
<tr>
<td>p0074</td>
<td>A79-15665</td>
</tr>
<tr>
<td>p0109</td>
<td>A79-13822</td>
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<tr>
<td>p0076</td>
<td>A79-15068</td>
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<td>p0179</td>
<td>A79-15094</td>
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<tr>
<td>p0215</td>
<td>A79-15912</td>
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<td>p0138</td>
<td>A79-19362</td>
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<td>p0272</td>
<td>A79-26941</td>
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<td>A79-13822</td>
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<tr>
<td>p0076</td>
<td>A79-15068</td>
</tr>
<tr>
<td>p0179</td>
<td>A79-15094</td>
</tr>
<tr>
<td>p0215</td>
<td>A79-15912</td>
</tr>
</tbody>
</table>

### Creep Buckling

- Creep calculation for thin-walled structures operating under unsteady heating and loading conditions
- Estimation of fatigue life of Al-alloy used for compressor disc of jet engine
- Thermal-structural mission analyses of air-cooled gas turbine blades

### Critical Velocity

- Critical velocity of a beaded skin panel for a hypersonic aircraft
- Critical cracks in advanced aluminum alloys

### Critical Stress

- Advanced crew station concepts, displays, and input/output technology for civil aircraft of the future
- Critical stress and strain in long range rotary-wing agricultural aircraft

### Creep Properties

- Prediction of gas-turbine alloy creep characteristics
- Effect of cooling method of turbine blade on creep rupture strength

### Crews

- Crew stations
- Crew station requirements for advanced Al-alloy used for Creep calculation for thin-walled structures

### Crossflow

- Aerodynamic field induced by a jet penetrating a transonic swept wing
- Aerodynamic field induced by a jet penetrating a supersonic vehicle

### Crossflow and Translation

- Cross-coupling and translational acceleration derivatives

### Crossflow Stability

- Stability of aircraft motion to aerodynamic cross-coupling at high angles of attack
- Stability of aircraft motion to aerodynamic cross-coupling at high angles of attack

### Crossflow Wind

- Crossflow wind and crosswind limitations using a research type crosswind landing gear

### Cruciform Wings

- Cruciform wings with supercritical leading edges in a horizontal plane, with consideration of flow separation on the edges

### Crude Oil

- Findings and views concerning the exemption of aviation gasoline from the mandatory petroleum allocation and price regulations

### Cruise Missiles

- Unconstrained supercritical cruise and maneuvering configuration concepts --- for long range air-ground and air-air missiles
- Application of advanced technologies to improve C-141 cruise performance --- wing modifications for drag reduction

### Cruise Flight

- Definition and analytical evaluation of a power management system for tilt-rotor aircraft
- A study of cross-coupling and translational acceleration derivatives

### Cruise Wind

- A study of cross-coupling and translational acceleration derivatives

### Crosswind

- Crosswind landing gear and aircraft design for longitudinal stability

### Crosswind Stability

- Stability of the boundary layer on a swept wing with wall cooling
- Stability of the boundary layer on a swept wing with wall cooling

### Crosswind Landing Gear

- Crossflow wind and crosswind limitations using a research type crosswind landing gear

### Crosswind Maneuvering

- Crossflow wind and crosswind limitations using a research type crosswind landing gear
- Crossflow wind and crosswind limitations using a research type crosswind landing gear
CUMULATIVE CUES

CT-114 AIRCRAFT CRYSTALS CRYSTALLIZATION

CRYOGENIC WIND TUNNELS CRUSADER AIRCRAFT NT LIQUID CRYSTALS NT SINGLE CRYSTALS

CRYSTALS NT LIQUID CRYSTALS NT CRYSTAL GROWTH NT DIRECTIONAL SOLIDIFICATION (CRYSTALS)

CRYSTALIZATION NT DIRECTIONAL SOLIDIFICATION (CRYSTALS)

CT-114 AIRCRAFT NT CYLINDRICAL SHELLS CUSHIONS

COUPLING CUSHION CRUSHED HOLLOW MILITARY AIRCRAFT

CUSHIONING CUSHIONING GROUND EFFECT MACHINE CURVESNT ROTATING CYLINDERS

CYLINDRICAL SHELLS CYLINDRICAL SHELLS CYLINDER CYLINDER

Research conducted by ONERA on the relationship between the behavior and cumulative damage of materials and structures [ONERA, TP No. 1978-50] p0155 A79-20124

Fatigue reliability under multiple-amplitude loads [ONERA, TP No. 1978-50] p0156 A79-20121

Determination of inspection intervals for aircraft structures on the basis of fracture mechanics [DLR 79-021] p0316 A79-20891

Determination of sample size in flight load programs for aircraft structures p0561 A79-29958

CUBING Pressure-controlled thermal expansion molding of advanced composite EBP wing structure p0209 A79-24093

CUBED PANELS Experimental and finite element investigation of the buckling characteristics of a beaded skin panel for a hypersonic aircraft p0309 A79-19142

The effect of oblique angle of sound incidence, realistic edge conditions, curvature and in-plane panel stresses on the noise reduction characteristics of general aviation type panels [NASA-CS-157452] p0559 A79-29958

CUBED SURFACES NT CONTURS NT SHAPES NT SURFACES

CUSHIONART GROUND EFFECT MACHINE Skirt components of the aerodynamic characteristics of an air-cushion vehicle using the oncoming flow to generate lift p0028 A79-12994

CUSHIONS Seat cushion to provide realistic acceleration cues to aircraft simulator pilot [NASA-CASE-LAR-12149-2] p0673 A79-31228

CV RHAB NT CONTURS WAVE RADAR

CYCLES NT STRIKE CYCLE NT THERMODYNAMIC CYCLES

CYCLIC LOADS Monitoring of fatigue loading on rotor system and related components p0136 A79-18696

A cyclic load test for environmental durability evaluation of bonded honeycomb structure --- aircraft Al panels p0209 A79-24089

The prediction of fatigue crack growth under flight-by-flight loading p0251 A79-25482

Fretting fatigue, with reference to aircraft structures [SAE PAPER 790612] p0456 A79-36741

Behavior of adhesively bonded joints under cyclic loading p0446 A79-19254

CYLINDRICAL AFTERBODIES NT AFTERBODIES NT CYLINDRICAL EORDS

CYLINDRICAL ANTENNAS Small lightweight electronically steerable cylindrical antenna successfully utilized in an air traffic management system p0616 A79-48597

CYLINDRICAL BODIES NT ROTATING CYLINDERS

Radiation from quarter-wavelength monopoles on finite cylindrical, conical, and rocket-shaped conducting bodies --- airborne antenna design p0647 A79-50606


CYLINDRICAL SHELLS Turboprop interior noise studies [AIAA PAPER 79-0607] p0271 A79-26931
<table>
<thead>
<tr>
<th>Subject Index</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DAMPING</strong></td>
</tr>
<tr>
<td><strong>DAMPER</strong> (VALVE)</td>
</tr>
<tr>
<td><strong>DATA ACQUISITION</strong></td>
</tr>
<tr>
<td><strong>DATA BASES</strong></td>
</tr>
</tbody>
</table>

### DAMPING
- Noise transmission — Turbofan problem
- A sonic fatigue analysis of a cylindrical shell turbofan engine inlet
- Calculation of wings of variable sweep
- Structural analysis of variable-sweep wings
- A theoretical investigation of noise reduction through the cylindrical fuselage of a twin-engine, propeller-driven aircraft

### DAMPER (VALVE)
- Theoretical flap-lag damping with various dynamic inflow models

### DATA ACQUISITION
- Instrumentation modeling technique used in the identification of aerodynamic coefficients from flight test data
- On-line computer for transient turbine cascade instrumentation

### DATA BASES
- Engineering and manufacturing communication via the computer data base
- A review of the 3M data base for fault-tolerant system incentives — communication networks
- Analysis, storage, and retrieval of elevation data with applications to improve penetration
- Analysis of wind tunnel data pertaining to high angle of attack aerodynamics. Volume 2: Data base

### DATA COMPRESSION
- A real time video bandwidth reduction system based on a CCD Hadamard transform device --- for...
DATA REDUCTION

DATA RECORDING

DATA SYSTEMS

DATA TRANSMISSION

DATA TRANSMISSION

DE HAVILLAND AIRCRAFT

DE LAVAL NOZZLES

DE LAVAL NOZZLES

DE LAVAL NOZZLES

D COMET 4 AIRCRAFT

D COMET 4 AIRCRAFT

D COMET 4 AIRCRAFT

DC 1 AIRCRAFT

DC 1 AIRCRAFT

DC 8 AIRCRAFT

DC 8 AIRCRAFT

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DC 10 AIRCRAFT
Aircon electrically heated acrylic --- for ice formation prevention on aircraft transparencies [SAP PAPER 790600] p0455 879-36732

Vibratory ice protection for helicopter rotor blades [AD-200733] p0045 879-11038

The electro-impulse de-icing method --- aircraft structures [ND-227] p0433 879-23073

Helicopter Icing Symposium [AD-4067981] p0541 879-25048

Icing tests of a US-18 helicopter with an electrothermal ice protection system under simulated and natural icing conditions [AD-4067737] p0541 879-26050

DEICING
Hybrid heater/paste and heater/flexible coating schemes for de-icing helicopter rotor blades p0138 879-16865

Icing tests of a small gas turbine with inertial separation anti-icing system p0032 879-10015

Natural icing flight tests and additional simulated icing tests of a US-18 helicopter incorporating an electrothermal ice protection system [AD-4059704] p0162 879-14084

Roads and runways, snow removal and deicing techniques. A bibliography with abstracts [NTIS/PS-78/1284/5] p0238 879-16884

DELTA DAGGER AIRCRAFT

DELTA DART AIRCRAFT

DELTA DARTS

DELTA DEICERS

DELTA AIRCRAFT

DELAWARE

An evaluation of the bird/aircraft strike hazard at Dover Air Force Base, Delaware [AD-1061297] p0230 879-16819

DELAY

The FAA's airport landside model: Analytical approach to delay analysis [AD-4051194] p0167 879-16115

Terminal area delay and fuel consumption analysis [FAAA-EM-78-20] p0231 879-16826

A method to determine the delays of landing aircraft with respect to runway capacity [MLB-NP-77016-0] p0232 879-16835

Comparison of some methods to determine the delays of landing aircraft with respect to runway capacity [MLB-NP-77028-0] p0704 879-32191

DELETED FLAP APPROACH

Dynamic simulation studies of fuel conservation procedures used in terminal areas p0204 879-23581

DELIVERY

WT WEAPONS DELIVERY

DELTA DAGGER AIRCRAFT

U F-102 AIRCRAFT

DELTA DART AIRCRAFT

U F-106 AIRCRAFT

DELTA WINGS

Regimes of supersonic flow past thin wings [NASA-TP-77003] p0211 879-12188

Longitudinal distribution of hydrodynamic load on a gliding flat-bottomed plate with keel p0021 879-12200

Calculation of flow past conical bodies with supersonic leading edges p0022 879-12227

Overall aerodynamic characteristics of conical and delta wings at supersonic speeds p0028 879-12966

Effect of slip on the aerodynamic characteristics of a wing at hypersonic speed p0127 879-18396

Unsteady calculation of vortex sheets emitted by highly inclined lifting surfaces [ONERA, TP NO. 1978-83] p0127 879-18551

On the aerodynamics of hypersonic cruise vehicles at off-design conditions p0153 879-20088

Numerical study of the supersonic flow around wings [DGLR PAPER 78-220] p0183 879-20079

Influence of the transverse curvature of the lower surface on the conical supersonic flow field on a delta vehicle p0191 879-21635

Investigation of cross flow shocks on delta wings in supersonic flow [AIAA PAPER 79-0345] p0202 879-23551

Transonic flows past nonaxisymmetric slender shapes - Classical equivalence rule analysis p0315 879-26612

Approximate analysis of strike wings at low speeds [AIAA PAPER 79-30508] p0342 879-30508

Flow past a small-aspect-ratio delta wing with vortex filament breakdown p0349 879-32054

Investigation of the regimes of flow past the upper surfaces of delta wings with shock waves separated from the leading edges p0410 879-35110

Optimization of wing structures to satisfy strength and frequency requirements p0411 879-35117

Further advancements in the concept of delta-winged hybrid-airships [AIAA 79-1599] p0523 879-42393

Modern concepts for design of delta wings for supersonic aircraft of second generation --- for drag reduction p0567 879-43993

A careful numerical study of flowfields about external conical corners. I - Symmetric configurations [AIAA PAPER 79-1511] p0575 879-46701

Overall aerodynamic characteristics of caret and delta wings at supersonic speeds p0601 879-47012

The calculation of non-linear aerodynamic characteristics of wings and their wakes in subsonic flow p0602 879-47099

Solution of a mixed boundary value problem for flow past a thin delta wing p0640 879-89802

Synthesis of the thickness effect in the case of flow past a slender delta wing with leading edge vortices p0687 879-52268

Flow around small-aspect-ratio delta wing with vortex 'bursting' p0696 879-54058

A numerical solution of supersonic and hypersonic viscous flow fields around thin planar delta wings p0332 879-10018

A numerical solution of supersonic and hypersonic viscous flow fields around thin planar delta wings [AD-405263] p0032 879-11003

Nonlinear steady and unsteady aerodynamics of wings and wing-body-combinations p0085 879-12010

Flow-field in a vortex with breakdown above sharp edged delta wings [NASA-TP-73339] p0086 879-12017

Analytical studies of separated vortex flow on highly swept wings [NASA-CR-3022] p0099 879-13006


Analysis of the zero-lift wave drag measured on delta wings [ABC/H/N-3818] p0216 879-15921

A modification to linearized theory for prediction of pressure loadings on lifting surfaces at high supersonic Mach numbers and large angles of attack [NASA-TJ-1406] p0286 879-17806

A slender delta wing oscillating in surface waves [TWR-LA-257] p0288 879-17818

XP4D Skyray development: How it can be told [VTH-LR-257] p0288 879-17819

Calculation of supersonic viscous flow over delta wings with sharp subsonic leading edges p0300 879-18909

Calculation of supersonic viscous flow over delta wings with sharp subsonic leading edges [AIAA PAPER 79-0456] p0431 879-23208

Lee side flow field over slender delta wings of finite thickness [ILR-23] p0588 879-27103

Subsonic wind-tunnel investigation of leading-edge devices on delta wings (data report) --- conducted in Langley 7- by 10-foot subsonic wind tunnel
DIGITAL NAVIGATION

Processing of on-board recorded data for quick analysis of aircraft performance --- rotor systems research aircraft
[NASA EAR-1083]

DIGITAL FILTERS

Multi-filter RTI system

DIGITAL INTEGRATORS

Design of proportional-plus-integral controllers for multivariable systems

Implementation of an optimum profile guidance system on SDVAND

DIGITAL NAVIGATION

A simple integrated navigation system on VOR-DME basis

Onboard navigation and flight control integrated system architecture

Inertial measuring unit for strapdown flight control systems

Application of a north seeking heading and altitude reference for the autonomous navigation of helicopters

Experience with integrated navigation involving compensation according to the method of the least squares --- for air traffic control

Wide-aperture digital VOR

Linearization in the recursive estimation of navigation parameters

Hyperbolic positioning per se is passe --- navigation computations from range measurements using microprocessor

Recent results in navigation systems utilizing signal aiding from Navstar satellites

Simulation of distributed microprocessor-based flight control systems

A simple integrated navigation system based on multiple DME

Solution of navigation problems in aircraft on-board systems equipped with digital computer

Technical means for automation of airborne navigation

External radio-navigation --- Russian book

The DC-9-80 digital flight guidance system's monitoring techniques

Digital adaptive control laws for VTOL aircraft

Microcomputer applications in strapdown heading and attitude reference system

Microcomputer-based digital autopilot development for the IQBM-106 Mini-BV

A simple integrated navigation based on multiple DME

JTIDS relative navigation - Architecture, error characteristics and operational benefits --- Joint Tactical Information Distribution System

The impact of low cost microprocessors on airborne navigation systems

Flight tests of a microprocessor control system

Better performance for aircraft tracking and holding under gust and shearwind influence by use of direct digital control

A contribution to the increase of aircraft guidance precision under wind disturbance conditions by using direct digital control

Capturing and tracking performance of the horizontal guidance and control systems of the
DIRECTIONAL ANTENNAS

Modal analysis of gas turbine buckets using a digital test system
[ASME PAPER 79-GT-124] p0393 A79-32393
An analysis of SAPIRE image parameters as a function of processing parameters — for synthetic aperture radar data processing
[ASME PAPER 79-SF-10] p0430 A79-48666

Investigation of the cross-ship comparison monitoring method of failure detection in the HANTR 9917 — digital control techniques using airborne microprocessors
[NASA-CS-148707] p0091 W79-12604
Development of a digital guidance and control law for steep approach automatic landings using modern control techniques
[NASA-CS-30749] p0230 W79-16624

Excitation and analysis technique for flutter tests
[ASME PAPER 79-GT-124] p0367 W79-20137

An experimental comparison of the readability of synthetic aperture radar data processing
[AD-1069192] p0436 W79-23091

The design of digital controllers for the C-141 aircraft using entire eigenstructure assignment and the development of an interactive computer design program
[AD-1069192] p0672 W79-31224

Laboratory development of computer generated image displays for evaluation in terrain flight training
[AD-1070665] p0679 W79-31236

DIGITIZERS

U ANALOG TO DIGITAL CONVERTERS

DIRECTIONAL EFFECT

U LATERAL STABILITY

DILATATIONAL WAVES

Dilatational model of noise from a moving jet in terms of arbitrary jet structure and observer motion
p0516 A79-42053

DIMENSIONAL ANALYSIS

Analog modeling in studying supersonic flow around a wing and its governing analog-criteria
p0695 A79-54036

Similitude, manufacturing, identification, and instrumentation of test models — aircraft models
[AAAF-R-79-34] p0440 W79-23120

DIMENSIONAL MEASUREMENT

Turbine blade tip clearance measurement utilizing borescope photography
[ASME PAPER 78-GT-164] p0401 A79-10805

DIMENSIONAL STABILITY

MT SHELL STABILITY
MT STRUCTURAL STABILITY

DIMENSIONLESS NUMBERS

MT BACH NUMBER
MT REYNOLDS NUMBER
MT STROUHAL NUMBER

DIMENSIONS

MT HEIGHT
MT SCALE HEIGHT

DIODES

MT LIGHT EMITTING DIODES

DIRECT LIFT CONTROLS

A velocity vector control system augmented with direct lift control — stability augmentation using manual control
[NASA-CAS-77-12200] p0367 W79-20136

DIELECTRIC POWER GENERATORS

MT MAGNETOHIDRODYNAMIC GENERATORS

MT SOLAR CELLS

Analytical modeling of the dynamics of brushless dc motors for aerospace applications: A conceptual framework

DIRECTION FINDERS (RADIO)

U RADIO DIRECTION FINDERS

DIRECTIONAL ANTENNAS

MT LINE ANTENNAS
MT SADAR ANTENNAS
MT SLOT ANTENNAS
MT STEREOPHONIC ANTENNAS

Optimal excitation of amplitude-direction-finder antennas operating on the basis of the comparison method
[FAA-BCS-CONCEPT, APPENDIX E] p0411 A79-35502

FAA BCAS concept, appendices F-H
[FAA-EM-78-5-3-E] p0231 W79-16830

FAA BCAS concept, appendices F-H
[FAA-EM-78-5-3-E] p0231 W79-16831

A-155
DIRECTIONAL CONTROL

Design of VHF and UHF communications air/ground antennas
[VAA-BD-79-7] p0240 A79-17078

DIRECTIONAL CONTROL
NT THROTTL VECTORS CONTROL
Modeling the sensitivity of a linear system to a decrease in its order by the method of infinitesimal transformation in the problem of yaw control
p0340 A79-32040

Development and testing of a dual mode escape propulsion system
p0403 A79-33635

The DG-800 - A rugged, high performance heading reference unit --- directional gyro design considerations
p0619 A79-48677

Analytical and experimental investigation of V-type eavesport contribution to directional control of hover and forward flight
[ANS 79-56] p0633 A79-49106

On modeling sensitivity of a linear system to reduction of its order by the infinitesimal transformation method in the yaw motion control problems
p0655 A79-58904

A velocity vector control system augmented with direct lift control --- stability augmentation using nacelle control

DIRECTIONAL SOLIDIFICATION (CRYSTALS)
Applications of DS composites in aircraft gas turbines --- directional solidification
[OMPS, TP NO. 1978-73] p0081 A79-16512

Repair of directionally solidified airfoil components
p0211 A79-24134

Directionally solidified blades - Greater strength
p0469 A79-36248

DIRECTIONAL STABILITY
NT GYROSCOPIC STABILITY
A yaw stabilized S.A.R. serial
p003 A79-10364

DIRECTIVITY
Relation between static and in-flight directivities of jet noise
p0407 A79-34585

DIRECTORIES
U INDICES (DOCUMENTATION)
DGIMILES
U AIRSHIPS
DISCHARGE COEFFICIENT
Jet discharge coefficient through openings for parallel flow
[ATA 79-7C50] p0331 A79-29418

DISCHARGERS
NW STATIC DISCHARGERS
DISCONTINUITY
Calculation of supersonic flow past wings with consideration of tangential discontinuities shed from the edges within the scope of a model using a system of Euler equations
p0079 A79-16372

DISCRETE ADDRESS BEACON SYSTEM
Plan for the reliability and maintainability evaluation of the Discrete Address Beacon System (DABS) engineering laboratory models
[VAA-RD-79-31] p0241 A79-17253

Discrete Address Beacon System (DABS) Air Traffic Control Radar Beacon System (ATCRBS) interference analysis
[AD-AMOS565] p0590 A79-27119

Interim results of DABS/ATCRBS electromagnetic compatibility testing
[AD-A072067] p0710 A79-32418

DISKS (SHAPES)
NT ACTUATOR DISKS
NT ROTATING DISKS
DISPERSING
Atmospheric dispersion modeling --- for air pollutants
p0206 A79-23742

Study of the dispersity of oil droplets which form in the oil-system saline of gas-turbine engines
p0527 A79-42571

Carbon fiber release conditions
p0296 A79-18079

Carbon fiber dispersion models used for risk analysis calculations

A-156

SUBJECT INDEX

Estimation of economic losses
p0296 A79-18080

Monte Carlo simulation of single accident airport risk profile
p0296 A79-18084

Interpretation of results
p0296 A79-18086

DISPERSIONS
NT EMULSIONS
NT FOAMS
NT NUCLEAR EMULSIONS
NT SMOKES
DISPLAY DEVICES
NT ANEMOMETERS
NT APPROACH INDICATORS
NT FLOW DIRECTION INDICATORS
NT HEAD-UP DISPLAYS
NT HOT-FILM ANEMOMETERS
NT HOT-WIRE ANEMOMETERS
NT MICROVISION LANDING AID
NT PLAN POSITION INDICATORS
NT POSITION INDICATORS
NT RADIO DIRECTION FINDERS
NT SPEED INDICATORS
NT WIND VANTS
The electronic flight deck
p0016 A79-11175

Present and potential capabilities of three-dimensional displays using sequential excitation of fluorescence
p0019 A79-12033

Method of eliminating static and dynamic errors in the reproduction of motion of TV-simulator displays --- for aircraft flight
p0020 A79-12153

Testing of avionics display systems
p0023 A79-12309

Better utilization of SAR dynamic range --- airborne display capacity improvement
p0052 A79-13200

Man-machine interface --- aircraft control and displays
p0055 A79-13250

Considerations on the design of warning systems --- for aircraft flight malfunctioning
p0055 A79-13252

360-deg non-programmed visual display --- for flight training
p0071 A79-15152

Visual simulation systems --- for vehicle operator training
p0071 A79-15153

Acousto-optic methods of character generation for aircraft laser displays
p0071 A79-15178

Cockpit displays for advanced navigation - Circa 2000
p0077 A79-16174

Integrated computer-display system for modern anti-tank/combat helicopters
p0078 A79-16233

Airborne video recording system
p0114 A79-17608

Large-area information display using digital laser beam deflection
p0116 A79-17689

Display of flight plan information on electronic data display devices - A means for the enhancement of the capacity in air traffic control
p0117 A79-17694

A versatile approach to cockpit management --- for military helicopter control and display avionics
[ANS 78-17] p0120 A79-17689

Development of a solid state vertical instrument display system --- for helicopters
[ANS 78-18] p0120 A79-18143

Simulation requirements for rotorcraft --- visual display, motion cue and computer considerations
p0132 A79-18666

Experimental evaluation of a wind shear alert and energy management display
[DLR PAPER 78-153] p0151 A79-20016

DEBD-HC - The new ATC system in the ERG - Display of Extracted Radar Data-MiniComputer
p0204 A79-23599

Touch entry device for air traffic control
p0205 A79-23590
A simple integrated navigation based on multiple DEE
[DGLE PAPER 79-001] p0617 A79-08640
An analysis of radio navigation sensor accuracies associated with area navigation (RNAV)
[AD-A058544] p0089 A79-12055
Theory and experiments on precision L-band DEE
[PSD-44-077] p0569 A79-27126
Naval calibration evaluation with a computer controlled avionics data acquisition system
[NLS-98-70024] p0708 A79-32193

DISTANCE PERCEPTION
U SPACE PERCEPTION

DISTORTION
NT FLOW DISTORTION
NT SIGNAL DISTORTION
NT SURFACE DEE DISTORTION

Influence of gridboard line-width and spacing on windscreen distortion measurements
[AD-A065021] p0433 A79-23070
Combined pressure and temperature distortion effects on internal flow of a turbofan engine
Effect of steady-state pressure distortion on flow characteristics entering a turbofan engine
Blind induced distortion experiments on an engine inlet
[AD-A066811] p0499 A79-25026

DISTRIBUTION (PROPERTY)
NT ANGULAR DISTRIBUTION
NT ANTENNA RADIATION PATTERNS
NT ENERGY DISTRIBUTION
NT FLOW DISTRIBUTION
NT FREQUENCY DISTRIBUTION
NT PRESSURE DISTRIBUTION
NT RADIAL DISTRIBUTION
NT SURFACE DISTRIBUTION
NT VELOCITY DISTRIBUTION

DISTRIBUTORS
A pneumatic distributor for the control system of a turbojet engine
p0527 A79-42574

DISPROPORTION THEORY
U PERCENTAGE THEORY

DITCHING (LANDING)
Explosive removal of egress panels for emergency escape from helicopters underwater
p0666 A79-14417
Inflatable survival systems for helicopters
p0403 A79-33620

DISTORTIONS
U THICKS

DIVERGENCE
Divergence of forward swept composite wings
[N.A.A. 79-0722] p0282 A79-28255
DIVERSERS
Lightning protection with segmented diverters --- for aircraft radomes and dielectric structures
p0249 A79-25317
An E/F compatible lightning diverter strip
p0297 A79-18237

DOCUMENTATION
Record keeping on aircraft instruments
[PS-295695/5] p0706 A79-32208

DOCUMENTS
NT BIBLIOGRAPHIES
NT ENGINEERING DRAWINGS
NT HARDWARE
NT MANUALS
NT PAPERS
NT PERIODICALS
NT TRANSPORETS
NT USER MANUALS (COMPUTER PROGRAMS)
The Shock and Vibration Digest, volume 10, no. 9
p0240 A79-17046

DORNS (STRUCTURAL FORMS)
NT RADOMES
A-160

Stereovisual reconnaissance system p0113 A79-17147
Kleihis Do 34 - The German contribution to the ARGUS program -- tethered rotor platform for battlefield surveillance system p0150 A79-19897
Strike Drone - A defense suppression concept using unmanned cruise/interceptor/attack vehicle [SAA PAPER 780101] p0256 A79-25894
Drool formation control system [DFCS] - A new generation test range system p0448 A79-36084

An analysis of the stability of an aircraft equipped with an air cushion recovery system [AD-4057431] p0095 A79-12096
Design and operation of Epervier reconnaissance RV [SAND-79-0412C] p0720 A79-33383

ROAD RUNNER RIVET NOWEUR: A novel radar guidance concept
DYNAMIC MODELS

Determination of the natural frequency of an aircraft model
[AIAA 79-1582] p052a A79-122042

Results of an improved version of LTRAN2 for computing steady airloads on airfoils oscillating in transonic flow
[AIAA PAPER 79-1553] p0577 A79-46726

The electro-thermal de-icing method --- aircraft structures
[BD-227] p0433 W79-23073

Dynamic pressure loads in the air induction system of the tornado fighter aircraft
p0554 N79-27168

Dynamic loads analysis system (DYLOPLEX) summary.
Volume 1: Engineering formulation

Volume 2: Supplemental system design information

DYNAMIC MODELS

The validity of the Leicester computer model for a Dynamic loads analysis system (DYLOPLEX) summary.
Dynamic pressure loads in the air induction system of the tornado fighter aircraft
Volume 1: Engineering formulation
Volume 2: Supplemental system design information

DYNAMIC PRESSURE

Comparative study between two different active flutter suppression systems
Pressure measurement in air data instrumentation
Unsteady effects of circumferential pressure distortion inlet flows in compressors
Dynamic pressure loads in the air induction system of the tornado fighter aircraft

DYNAMIC PROGRAMMING

A nonlinear approach to the design of jet engine control systems

DYNAMIC PROPERTIES

A dynamic characteristics of the tornado fighter aircraft

DYNAMIC RESPONSE

Aerodynamic response for the airfoil experiencing sudden change in angle of attack
Gas turbine response and its alleviation for a hingeless helicopter rotor in cruising flight
Dynamic response testing of gas turbines
SDM lecture — Introduction of new SDM technology into production systems --- Structure, dynamics and materials technology in aircraft design

SUBJECT INDEX

Dynamic response analysis of a 7-15 fast pack optical system installation --- structural vibration under flight environment
The time-variant aerodynamic response of a stator row including the effects of airflow camber
The analysis of propellers including interaction effects --- for general aviation aircraft
Nonlinear structural crash dynamics analyses
Application of bifurcation analysis and catastrophe theory methodology / \textit{NASA-CR-2846-110} to aircraft stability problems at high angles-of-attack
Improved method of predicting helicopter control response and gust sensitivity
Study of T53 engine vibration
Investigation of steady and fluctuating pressures associated with the transonic buffetng and wing rock of a one-seventh scale model of the 7-5A aircraft
The use of sound absorbing walls to reduce dynamic interference in wind tunnels
Dynamic response of lift fans subject to various backpressures
Dynamic response of aircraft to unloaded and loaded pavement profiles
Can-operated pitch-change apparatus
The influence of sweep on the aerodynamic loading of an oscillating NACA0012 airfoil. Volume 2: Data report
The optimal control frequency response problem in manned aircraft systems
Engine dynamics
Simulation correlation, and analysis of the structural response of a CH-47A to crash impact
Dynamic behaviour and control of single-shaft closed-cycle gas turbines
Aircraft hydraulic systems dynamic analysis
Determining the dynamic response due to an imbalance at the attachments of a motor on a pod --- caused by rotor blade loss
Longitudinal aerodynamics extracted from flight tests using a parameter estimation method
Stability and nonlinear response of rotor-tearing systems with squeeze film bearings
Time history solution program, L225 (TVY126).

Volume 2: Supplemental system design and maintenance document — for airplane dynamic response using frequency response data
Testing and analysis of dual-node adaptive landing gear, taxi mode test system for YF-12A

DYNAMIC STABILITY

Nonlinear aerodynamic stability
Nonlinear gust response --- during approach
Nonlinear pressure distribution --- in rotating airscrews
Nonlinear dynamics and digital compensation of a flexible system

Subject Index

Dynamic Tests

INACT - Interactive test data analysis --- with minicomputers
[AD-A062691] p0639 A79-49718

Considerations in the analysis of flight test maneuvers
[NA-AD-78-120] p0645 A79-50403

Finite element analysis of helicopter structures
[AD-A062691] p0645 A79-50433

Synthesis of aircraft structures using integrated design and analysis methods
[NA-AD-78-120] p0639 A79-10053

Dynamic stability of a two-blade rotor
[NA-AD-78-120] p0040 A79-10054

General aviation airplane structural crashworthiness programmers manual
[AD-A062691] p0364 A79-20110

Nonlinear equations of equilibrium for elastic helicopter or wind turbine blades undergoing moderate deformation

Dynamics of complex structures-analysis and experiment: Damaged aircraft stabilizers
[AD-A062691] p0364 A79-20110

Aircraft sonic boom: effects on buildings. A bibliography with abstracts
[NTIS/FS-79/0265/3] p0489 A79-24201

ATLAS, an integrated structural analysis and design system. Volume 5: System demonstration problems

Dynamic Tests

An innovative technique for static and dynamic V/STOL testing
[NA-78-42] p0123 A79-18165

Low speed testing techniques for V/STOL aircraft in the Princeton dynamic model track
[AIAA PAPER 79-0336] p0202 A79-23558

Dynamic laboratory evaluation of integral fuel-tank seals
[AD-A066592] p0501 A79-25236

Application of advanced data reduction methods to gas turbine dynamic analysis
[AD-A062691] p0676 A79-36024

Important factors in the maximum likelihood analysis of flight test maneuvers

Dynamic evaluation of experimental integral fuel-tank seals, part 2
[AD-A066592] p0501 A79-25236

E-2 Aircraft

AN/APS-96 radar notification program
[TAD-A062569] p0370 A79-20310

E-3A Air Craft

E-3A antenna pedestal turntable
[AD-A062569] p0019 A79-11923

E-3A sentry /AWACS/ ATPG --- Automatic Test Program Generation
[AD-A062569] p0623 A79-48873

E-4A Aircraft

E-8B mission electrical power
[AD-A062569] p0615 A79-48617

Early Warning Systems

Airborne Early Warning Nimrod /Chadwick Memorial Lecture/
[AD-A062569] p0189 A79-20886

EARTH ATMOSPHERE

Lower Atmosphere

Middle Atmosphere

Tropopause

Geodesy

Geodetic Observations (P R M C Space)

Photodetection

Satellite Observation

High altitude powered platform - A microwave powered airship
[AIAA 79-1606] p0525 A79-42405

Geodesy

User's guide to data preparation: Photogrammetric navigation analysis program Fotossat
[AD-A064616] p0419 A79-22070

Geodetic Survey

Chase Oil

Forest

Fossil Fuels

Geothermal Resources

Forecast of future aviation fuel needs. Part 1:
[AD-A062569] p0597 A79-29354

EARTH SATELLITES

Aeronautical Satellites

Communications Satellites

Explorer Satellites

Maritime Satellites

NAROTS (NASA)

Navigation Satellites

Navigation Technology Satellites

Navigation Satellites

Solar Power Satellites

Stekelosat Satellites

Transit Satellites

Earth Shape

Geodesy

E2 Externally Blown Flaps

Echo Suppression

Echo Elimination in Secondary Surveillance Radar --- for Air Traffic Control
[AD-A062569] p0574 A79-46241

Echoes

Clutter

Radar Echoes

Signal Reflection

Echo tracker/range finder for radars and sonars

Ecosystems

Ecology

Ecological interpretation of bird-aircraft collisions on the Rice Cote d'Azur Airfield
[AD-A062569] p0325 A79-29356

Economic Analysis

Analysis of long and medium-haul air passenger demand, volume 1

Analysis of short haul air passenger demand, volume 2

An economic model of the manufacturers' aircraft production and airline earnings potential, volume 3

The impact of changing technology on the demand for air transportation
[AD-A062569] p005 A79-22065

Airfreight forecasting methodology and results
[AD-A062569] p0548 A79-27114

Economic Analysis

Directions for developing an air cargo system planning model
[SAT PAPER 79-0056] p006 A79-10411

The economic superiority of integrated navigation systems, represented for Milecs --- Microwave Integrated Landing/Enroute navigation and air traffic control System
[AD-A062569] p0116 A79-17687

Compromise between economic concerns and application of new technologies in the definition of a new airplane project
[AIAA 79-0693] p0276 A79-27358

How to get the world airborne --- market research and aircraft design for air transportation in developing countries
[AIAA 79-0695] p0276 A79-27360

Findings of the Ottawa-Montreal STOL demonstration service
[AIAA 79-0710] p0277 A79-27369

Payback period - an engineering cost/benefit method --- for aircraft engines
[AIAA PAPER 79-1235] p0475 A79-39817

Aircraft guidance in the ATC sector - Problems and perspectives
[DGLR PAPER 79-026] p0518 A79-62354

Road fleet operation of air cushion assisted vehicles - An evaluation of technical and economic problems
[AD-A062569] p0641 A79-69910

Components of the airport access system
[AD-A062569] p0042 A79-10945

Vehicle Design Evaluation Program (VDEP). A computer program for weight sizing, economic, performance and mission analysis of fuel-conservative aircraft, multibodied aircraft
### SUBJECT INDEX

<table>
<thead>
<tr>
<th>ECONOMIC DEVELOPMENT</th>
<th>EJECTION SEATS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimation of economic losses</td>
<td>WT TRAILING EDGES</td>
</tr>
<tr>
<td>Maintenance improvement: An analysis approach including inferential techniques. Volume 1:</td>
<td>The effect of sheet edge working on the fatigue life under flight-simulation loading</td>
</tr>
<tr>
<td>Maintenance improvement: An analysis approach including inferential techniques. Volume 2: Technical report</td>
<td>EDUCATION</td>
</tr>
<tr>
<td>[AD-A068381] p0580 N79-28130</td>
<td>WT FLIGHT TRAINING</td>
</tr>
<tr>
<td>Maintenance improvement. An analysis approach including inferential techniques. Volume 4: Software manual</td>
<td>WT PILOT TRAINING</td>
</tr>
<tr>
<td>[AD-A068382] p0580 N79-28131</td>
<td>EFFECTIVE PERCEIVED NOISE LEVELS</td>
</tr>
<tr>
<td>ECONOMIC FACTORS</td>
<td>A laboratory study of the subjective response to helicopter blade-slap noise</td>
</tr>
<tr>
<td>New opportunities for future small civil turbine engines - Overviewing the GATE studies</td>
<td>On the loudness of sonic booms and other impulsive sounds — auditory perception</td>
</tr>
<tr>
<td>ECONOMIC IMPACT</td>
<td>Effects of duration and other noise characteristics on the annoyance caused by aircraft-flyover noise</td>
</tr>
<tr>
<td>Impact of area navigation on controller productivity and ATC system capacity</td>
<td>[NASA-TF-1386] p0375 N79-20832</td>
</tr>
<tr>
<td>Monte Carlo simulation of single accident airport risk profile</td>
<td>EFFECTIVENESS</td>
</tr>
<tr>
<td>[NASA-TA-75364] p0665 N79-31163</td>
<td>WT COST EFFECTIVENESS</td>
</tr>
<tr>
<td>ECONOMICS</td>
<td>WT SYSTEM EFFECTIVENESS</td>
</tr>
<tr>
<td>The economic impact of revised gaseous emission regulations for commercial aircraft engines</td>
<td>EFFECTIVE VECTORS</td>
</tr>
<tr>
<td>[PB-286772/9] p0181 N79-31533</td>
<td>EIGENVECTORS</td>
</tr>
<tr>
<td>EDGIES</td>
<td>EIGENSTATES</td>
</tr>
<tr>
<td>EDDY CURRENTS</td>
<td>EIGENVECTORS</td>
</tr>
<tr>
<td>EDDY VISCOSITY</td>
<td>EIGENVALUES</td>
</tr>
<tr>
<td>EDGES</td>
<td>Approximate solution of some boundary value problems on aircraft structural integrity</td>
</tr>
<tr>
<td>WT LEADING EDGES</td>
<td>[AIAA PAPER 79-06771] p0267 N79-26865</td>
</tr>
<tr>
<td>WT SHARP LEADING EDGES</td>
<td>EIGENVECTORS</td>
</tr>
<tr>
<td>WT TRAILING EDGES</td>
<td>Accuracy of an approximate static structural analysis technique based on stiffness matrix eigenvalues</td>
</tr>
<tr>
<td>The effect of sheet edge working on the fatigue life under flight-simulation loading</td>
<td>[AIAA 79-0748] p0282 N79-28263</td>
</tr>
<tr>
<td>Sound radiation from hyperboloidal inlet ducts</td>
<td>A new approach to the solution of large, full matrix equations: A two-dimensional potential flow feasibility study</td>
</tr>
<tr>
<td>Ejection systems in the year 2000</td>
<td>EJECTION SEATS</td>
</tr>
<tr>
<td>Unique crew escape concepts for ITS mission aircraft</td>
<td>Can government specified reliability and maintainability requirements for complex aircrew escape systems be met</td>
</tr>
<tr>
<td>An evaluation of a new format for ejection information in a NATOPS manual</td>
<td>[AD-A056910] p035 N79-10037</td>
</tr>
<tr>
<td>[AD-A056910] p035 N79-10037</td>
<td>EJECTION INJURIES</td>
</tr>
<tr>
<td>Mechanism of extremity injuries occurring during ejection from F-4 aircraft</td>
<td>Mechanism of extremity injuries occurring during ejection from F-4 aircraft</td>
</tr>
<tr>
<td>[AD-A056910] p035 N79-10037</td>
<td>EJECTION SEATS</td>
</tr>
<tr>
<td>[AIAA-PAPER 79-06771] p0267 N79-26865</td>
<td>EJECTION SEATS</td>
</tr>
<tr>
<td>Aircr°w experiences in USAF ejections, 1971-1977</td>
<td>Development of hermetically sealed low-maintenance high-density packaging for ejection seat-mounted personnel parachutes</td>
</tr>
<tr>
<td>Mechanism of extremity injuries occurring during ejection from F-4 aircraft</td>
<td>Ejection systems in the year 2000</td>
</tr>
<tr>
<td>An overview of the U.S. Navy Maximum Performance Ejection System</td>
<td>The Swedish approach to escape system testing</td>
</tr>
<tr>
<td>EJECTION SEATS</td>
<td>Crew escape concepts for advanced high performance aircraft</td>
</tr>
<tr>
<td>Can government specified reliability and maintainability requirements for complex aircrew escape systems be met</td>
<td>[NASA-CR-158793] p0108 N79-13019</td>
</tr>
<tr>
<td>Development of hermetically sealed low-maintenance high-density packaging for ejection seat-mounted personnel parachutes</td>
<td>[NASA-CR-158793] p0108 N79-13019</td>
</tr>
<tr>
<td>Ejection systems in the year 2000</td>
<td>The Swedish approach to escape system testing</td>
</tr>
<tr>
<td>The Swedish approach to escape system testing</td>
<td>Crew escape concepts for advanced high performance aircraft</td>
</tr>
<tr>
<td>EJECTION SEATS</td>
<td>EJECTION SEATS</td>
</tr>
<tr>
<td>Can government specified reliability and maintainability requirements for complex aircrew escape systems be met</td>
<td>[NASA-CR-158793] p0108 N79-13019</td>
</tr>
<tr>
<td>Development of hermetically sealed low-maintenance high-density packaging for ejection seat-mounted personnel parachutes</td>
<td>[NASA-CR-158793] p0108 N79-13019</td>
</tr>
<tr>
<td>The Swedish approach to escape system testing</td>
<td>[NASA-CR-158793] p0108 N79-13019</td>
</tr>
</tbody>
</table>

A-165
Title: EJECTORS

Subject Index:

- Escape system trajectory sensitivity analysis
- Preliminary investigation of the seated height limit for safe through-the-canopy ejection from the C-130 aircraft
- Feasibility of non-catapult ejection and hazard of an ejection seat rocket plane
- Development of an inflatable head/neck restraint system for ejection seats, update
- Wind tunnel test of Aces II ejection seat with anthropometric dummy in asymmetric configurations

EJECTORS

- Investigation of an ejector thrust-augmentor with a perforated nozzle for the ejected gas
- Determination of ejector nozzle starting parameters
- Theoretical study of simultaneous two-dimensional high-pressure and one-dimensional low-pressure flows of an ideal gas in ejector nozzles
- Evaluation of an ejector-powered engine simulator at transonic Mach numbers
- Interactional aerodynamics of the single rotor helicopter configuration. Volume IV: One-third octave band spectrograms of wake split-film data, air ejectors with hubcaps, wings
- Ejector optimization
- Interactice aerodynamics of the single rotor helicopter configuration. Volume III: One-third octave band spectrograms of wake split-film data, air ejectors
- Experimental investigation of turbojet test cell augmentors

Boundary Layer Transition

Elastic Bodies

- Time-frequency method of solving large problems in the dynamics of elastic structures with local nonlinearities --- for aircraft structures

Elastic Buckling

- A finite element model to study the buckling behavior of general orthotropic, midplane symmetric, elastic plates

Elastic Constants

- Dynamic laboratory evaluation of integral fuel tank seals for Mach 3+ aircraft

Elastic Modulus

- Compatibility of elastomers in alternate jet fuels

Elastic Stability

- Laboratory tests to determine lightning attachment points with small aircraft models/engineering test/
- Laboratory simulation of swept lightning strokes/Engineering test/
- Laboratory simulation of swept lightning strokes

Elasticity

- Recent advancements in elastomeric products for improving helicopter reliability and maintainability
- Development and flight test evaluation of fuel tank seals for Mach 3+ aircraft
- Design and development of an helicopter rotor hub and elastomeric bearing
- Elastomer mounted rotors - An alternative for smoother running turbomachinery
- The Sikorsky elastomeric rotor --- helicopter rotor bearings
- Dynamic evaluation of experimental integral fuel-tank seals, part 2

Elastoplasticity

- Decreasing stress concentrations in structures made of high-strength materials
- Research conducted by ONERA on the relationship between the behavior and cumulative damage of materials and structures
- The influence of the environment on the elastoplastic properties of adhesives in metal bonded joints --- in aircraft structures

Electric Appliances

- Laboratory tests to determine lightning attachment points with small aircraft models/engineering test/
- Laboratory simulation of swept lightning strokes/Engineering test/
- Laboratory simulation of swept lightning strokes

Electric Arcs

- Electrification of woven and film materials

Electric Batteries

- Electrification of woven and film materials
- Electric charging of helicopters --- aircraft hazards and static dischargers for accident prevention
- Electric charging of helicopters --- aircraft hazards and static dischargers for accident prevention

Electric Circuits

- Problems in testing electrically conductive structural adhesives

Electric Contacts

- Electrical bonding problem in aircraft
### SUBJECT INDEX

#### ELECTRIC CONTROL
- Electric power system control techniques
  - A direct drive fly-by-wire system
  - Power by wire for aircraft - The all-electric air vehicle
  - Results related to simulated and in-flight experimentation with an electric flight control system that can be generalized

#### ELECTRIC CURRENT
- AC / ALTERNATING CURRENT
- DC / DIRECT CURRENT
- EDY CURRENTS
- ELECTRIC ARCS
- ELECTRIC DISCHARGES
- HIGH CURRENT
- LIGHTNING

#### ELECTRIC EQUIPMENT
- Fundamentals of the electrical equipment of flight vehicles. Parts 1 & 2
- Laboratory tests for undesired conducted currents and surge voltages caused by lightning
- High frequency surface current and charge densities induced on aircraft by a plane electromagnetic wave
- The electro-impulse de-icing method

#### ELECTRIC FILTERS
- FILTERS
- LIGHTNING FILTERS
- TRACKING FILTERS

#### ELECTRIC GENERATORS
- AC GENERATORS
- DIRECT POWER GENERATORS
- MAGNETOHYDRODYNAMNIC GENERATORS
- SOLAR CELLS

#### ELECTRIC ROTORS
- SYNCHRONOUS ROTORS
- SPACECRAFT POWER SUPPLIES

#### ELECTRIC SOURCES
- SUPERCONDUCTING GENERATORS

#### ELECTRIC ROTOR VEHICLES
- ALL ELECTRIC SUBSYSTEMS FOR NEXT GENERATION TRANSPORT AIRCRAFT

#### ELECTRIC SPACECRAFT
- ELECTRIC POWER SYSTEMS
- VARIABLE SPEED CONSTANT FREQUENCY POWER SYSTEMS

#### ELECTRIC VEHICLES
- ALL ELECTRIC SUBSYSTEMS FOR NEXT GENERATION TRANSPORT AIRCRAFT
- AIR FORCE APPLICATIONS OF LIGHTWEIGHT SUPERCONDUCTING MACHINERY

#### ELECTRIC WIND TURBINES
- SPACECRAFT POWER SUPPLIES

#### ELECTRIC WINDMILLS
- SPACECRAFT POWER SUPPLIES

#### ELECTRIC WIND TURBINES
- SPACECRAFT POWER SUPPLIES

#### ELECTRIC WINDMILLS
- SPACECRAFT POWER SUPPLIES

---

#### ELECTRIC POWER SUPPLIES

- Electrical power system for new-technology transport power-by-wire airplane
- E-BP mission electrical power
- Digital simulation of a three-phase generator
- The 150 kVA samarium cobalt USCF starter generator electrical system
- Hydrogen use as a fuel. Citations from the NTIS data base
- Dual breakerless aircraft magnetos
- All electric subsystems for next generation transport aircraft
- Air Force applications of lightweight superconducting machinery --- in airborne power sources
- Permanent magnet generators -- Next generation in VSCF power systems --- Variable Speed Constant Frequency
- All electric subsystems for next generation transport aircraft
- Electrical power system control techniques
- Advanced BPV electrical systems
- Electrical power system for new-technology transport power-by-wire airplane
- Air Force applications of lightweight superconducting machinery --- in airborne power sources
- Permanent magnet generators -- Next generation in VSCF power systems --- Variable Speed Constant Frequency

---

**A-167**
Utilization of computerized EMC techniques to evaluate C-E systems to environment compatibility --- Electromagnetic Compatibility analysis for Communications Electronic systems

The determination of margins of safety for critical aircraft systems --- electronic equipment EMC

Composite forward fuselage systems integration, volume 2 --- effects of lightning

Electromagnetic compatibility (EMC) investigation on CH-47 Chinook helicopter

CH-47 EMC evaluation of selected subsystems, EMI test report

The prediction of lightning-induced voltages on metallic and composite aircraft

Electromagnetic Interactions
Tests on actual aircraft for electromagnetic effects [Engineering tests/]

Electromagnetic Interference
ET ELECTROMAGNETIC NOISE
ET JAMMING
ET RADIO FREQUENCY INTERFERENCE
ET WHITE NOISE

Some novel techniques for avoiding antenna obstructions and E.M.C. effects

Applied EMC, Volume 1 --- Book

The impact of the total lightning environment on aircraft flight control systems

Validation of IEMCAP using the B-52 --- Intra-system Electro Magnetic Compatibility Analysis Program

Electromagnetic coupling analysis of a Learjet aircraft

Electromagnetic Measurement
ET ELECTROMAGNETIC NOISE MEASUREMENT

Feasibility evaluation of advanced eddy current inspection equipment for use in naval aviation maintenance environment

ET ELECTROMAGNETIC NOISE
ET WHITE NOISE

An investigation into the noise interference problems at Logan Airport, Boston

The investigation of aircraft interference problems

Electromagnetic Properties
ET ABSORPTIVITY
ET COLOR
ET ELECTRICAL PROPERTIES
ET OPTICAL PROPERTIES
ET PROTOELECTRICITY
ET REFLECTANCE
ET TRANSPARENCY

The effects of lightning and nuclear electromagnetic pulse on the composite aircraft

ERF coupling to a composite aircraft

Properties of induced transients associated with EN fields produced by lightning or other relatively slow rise-time ERF --- in aircraft

Surface current injection techniques --- A theoretical investigation --- for simulating ERF-induced aircraft responses

The measurement of RF-pulse phase and amplitude in the landing system ELS

The estimation of induced-voltage peak magnitude and energy level under LTA/ERP excitation of low-loss aircraft cabling --- Lightning Transient Analysis/Electro-Magnetic Pulse

Aircraft cable parameter study

Electromagnetic coupling analysis of a Learjet aircraft

Atmospheric Electricity Hazard (AER)

A study of the ERF interaction with aircraft over an imperfect ground plane

Electromagnetic Radiation
ET CORELLY LIGHT
ET ELECTROMAGNETIC WAVES
ET GAMMA RAYS
ET HYDROGEN EMISSION
ET INFRARED RADIATION
ET LIGHT (VISIBLE RADIATION)
ET LIGHT BEAMS
ET MICROWAVES
ET MILLIMETER WAVES

Circulation-extreme direction finding of extended and point sources of electromagnetic oscillations

Lightning transient research on an P-111 aircraft

Investigation of penetration of electromagnetic energy through joints in advanced composite structures --- aircraft structures

Electromagnetic coupling

A hybrid technique for combining the moment method treatment of wire antennas with the G.E. for curved surfaces

High frequency near field scattering by an elliptic disk

An asymptotic result for the scattering of a plane wave by a smooth conved cylindrical

Electromagnetic Wave Filters
ET BANDPASS FILTERS
ET DIGITAL FILTERS
ET ELECTRIC FILTERS
ET MATCHED FILTERS
ET RADAR FILTERS
ET TRACKING FILTERS

Electromagnetic Wave Transmission
ET LIGHT TRANSMISSION
ET MICROWAVE TRANSMISSION
ET MULTIPATH TRANSMISSION
ET RADAR TRANSMISSION
ET SHORT WAVE RADIO TRANSMISSION
ET SPECTRUM TRANSMISSION
ET TELEVISION TRANSMISSION

Electromagnetic Waves
ET ELECTROMAGNETIC RADIATION

Electromagnetics
ET HIGH FIELD MAGNETS
ET SUPERCONDUCTING MAGNETS

Aircraft electrical systems with rare earth permanent magnet machines

ElectroMechanical Devices

Electro-Mechanical actuation for business aircraft [SAE PAPER 790622]

A comparison of hydraulic, pneumatic, and electro-mechanical actuators for general aviation flight controls [SAE PAPER 790623]

The operational impact of Navy's first TAF program --- P-3C Test, Analysis and Fix

Power by wire for aircraft - The all-electric air vehicle
Comparison of electromechanical and cathode-ray-tube display mediums for an instrument approach display [NASA-TR-80065] p0434  A79-23080
Electromechanical actuation development [AD-A065734] p0438  A79-23101
Load spectra measuring equipment. Part 1: Details of MK 1 system presently used to acquire data in Wessex MK 3F helicopters [AEL-RECH-ENG-NOTE-371] p0668  A79-31194
Load spectra measuring equipment. Part 2: Details of MK 2 system used to acquire torque load data in Sea King helicopters [AEL-RECH-ENG-NOTE-372] p0715  A79-33190
ELECTRON BEAN WELDING
Introduction of electron beam welding in aircraft production p0285  A79-25288
Application of electron-beam welding to aviation production --- tests of turbine engine parts welded by electron beam p0491  A79-28940
ELECTRON BEAMS
Fluid mechanical refracting gas prisms and aerodynamics of E - beam sustained discharge in supersonic flow, both applicable to laser technology [AD-A062390] p0371  A79-20374
ELECTRON MICROSCOPE
ELECTRON RADIATION
MT ELECTRON BEAMS
ELECTRON TUBES
MT CATHODE RAY TUBES
ELECTRONIC AMPLIFIERS
MT AMPLIFIERS
ELECTRONIC CONTROL
A testing set control system for turbojet engines [ASEE PAPERS 78-JR-115] p0007  A79-10757
Electronic control for helicopter engines [AHS 78/45] p0123  A79-18168
The impact of the total lightning environment on aircraft flight control systems p0249  A79-25319
Problems of computer-aided tracking, giving particular attention to radar which can be electronically turned p0265  A79-26761
The FA-68 Weapon Systems trainer p0350  A79-32246
Development and testing of a dual stage escape propulsion system p0403  A79-33635
Fault-tolerant, high reliability electronic engine control system [AIAA PAPERS 79-1202] p0469  A79-38983
New onboard structure of display and control system for piloting and air traffic control [DGLR PAPERS 79-049] p0520  A79-42375
Small lightweight electronically steerable cylindrical antenna successfully utilized in an air traffic management system p0614  A79-48597
Flight tests of a microprocessor control system [AIAA 79-1962] p0658  A79-54412
The impact of parallel computers on the design of nonlinear flight controllers [AIAA 79-1966] p0658  A79-54414
Hybrid packaging of integrated circuits for engine controls --- jet engines [AD-A065725] p0370  A79-20326
An electric control for an electrohydraulic active control landing gear [NASA-CR-3113] p0488  A79-23948
A summary of NASA/Air Force full scale engine research programs using the P100 engine [NASA-TH-79167] p0653  A79-30188
ELECTRONIC COUNTERMEASURES
Real-time/near real-time receive wideband data links --- airborne reconnaissance systems p0112  A79-17146
Applied ECM. Volume 1 --- Book p0192  A79-21800
Radome design/fabrication criteria for supersonic EW aircraft --- EP-111 p0209  A79-24909
A proposed integrated ECM system using the constant index lens antenna p0247  A79-24726
Navstar/GRS/Global Positioning System and electronic counter measures --- TACAN system vulnerability p0251  A79-25492
Weapons for the black-box war p0068  A79-38624
The interception of covert radar p0463  A79-38132
Integrated CW avionics --- ECM-resistant Communication, Navigation and Identification p0622  A79-48711
Airborne microwave ECM p0673  A79-49554
Performance of current radar systems in an EW environment --- Electronic Warfare p0637  A79-49555
Ellipsoid modeling of current radar targets for evaluation of electronic fuzes p0637  A79-49580
ELECTRONIC EQUIPMENT
MT CHANGE COUPLED DEVICES
MT CMOS
MT ELECTRONIC FILTERS
MT ELECTRONIC MODULES
MT ELECTRONIC PACKAGING
MT MINIATURE ELECTRONIC EQUIPMENT
MT SEMICONDUCTOR DEVICES
MT SEMICONDUCTOR LASERS
MT SOLID STATE DEVICES
MT SOLID STATE LASERS
MT SOS (SEMICONDUCTORS)
MT SPACECRAFT ELECTRONIC EQUIPMENT
MT TAG LASERS
The electronic flight deck p0016  A79-11175
Adaptation of electronic aid systems to the requirements of air traffic controllers p0054  A79-13232
Display of flight plan information on electronic display devices --- A means for the enhancement of the capacity in air traffic control p0117  A79-17694
Engineer's handbook of flight and radio equipment of airplanes and helicopters p0345  A79-31486
F-18 - A special report p0463  A79-38131
Automatic test program generation selection --- for aircraft structures p0620  A79-48890
Performance of current radar systems in an EW environment --- Electronic Warfare p0673  A79-49554
Utilization of computerized EMC techniques to evaluate C-E system to environment compatibility --- Electromagnetic Compatibility analysis for Communications Electronic systems p0690  A79-52885
Modular Avionics Packaging (MAP) [AD-A059637] p0163  A79-14093
Protection/hardening of aircraft electronic systems against the indirect effects of lightning p0297  A79-18238
End-to-end testing --- to verify electrical equipment failure due to carbon fibers released in aircraft-fuel fires p0426  A79-22204
ELECTRONIC EQUIPMENT TESTS
F-16 Avionics Intermediate Shop self-test p0023  A79-12302
Support systems for advanced military electronics --- ATE design trends p0023  A79-12305
Advanced technology impact upon ATE self test --- by use of microprocessors and LSI
EMISSION

EMISSION
EMISSION SUBJECT INDEX

EMISSIONS

ENCLOSURES

ENCLOSURES NT HYDROXYL EMISSION

ENCLOSURES NT ACOUSTIC EMISSION

ENCLOSURES NT FLUORESCENCE

ENERGY CONSERVATION

ENERGY CONSERVATION IN GENERAL AVIATION PISTON TURBINE ENGINES IN LIGHT AIRCRAFT

ENERGY CONSERVATION AIRCRAFT DESIGN AND OPERATIONAL PROCEDURES

ENERGY CONSERVATION Aircraft Future Fuels And Energy Conservation

ENERGY CONSERVATION Future Fuels For Aviation

ENERGY CONSERVATION Engine Component Improvement And Performance Retention

ENERGY CONSERVATION Low Energy Consumption Engines

ENERGY CONSERVATION Energy Conservation Aircraft Design And Operational Procedures

ENERGY CONSERVATION General Aviation Energy-Conervation Research Programs

ENERGY CONSERVATION Energy Efficient Engine: Propulsion System-Aircraft Integration Evaluation

ENERGY CONSERVATION Fuel Conservative Subsonic Transport --- Control Surfaces Activated By Computers

ENERGY CONSERVATION Adaptation For The Economy Or Adaptation For Stress Analyses For Gas Turbine Engines

ENERGY CONSERVATION Fuel Conservative Propulsion System Preliminary Analysis And Design Report

ENERGY CONSERVATION JT9D-70/59 Improved High Pressure Turbine Active Clearance Control System --- For Specified Fuel Consumption Improvement

ENERGY CONSUMPTION The Total Energy Cost Of Freight Transport

ENERGY CONVERSION NT SATURATION SOLAR ENERGY CONVERSION

ENERGY CONVERSION THE NETHERLANDS EXPERIMENTAL VERTICAL AXIS WIND TURBINE

ENERGY CONVERSION EFFICIENCY MAKING TURBONAS MORE ENERGY EFFICIENT

ENERGY CONVERSION EFFICIENCY THE DESIGN AND TESTING OF A VERTICAL-AXIS WIND TURBINE USING SMALL AXIAL AIRPLANE ENGINES

ENERGY CONVERSION EFFICIENCY MARINE PROPULSION - SMALL PRODUCTION MODULE

ENERGY CONVERSION EFFICIENCY IMPROVING TURBINE EFFICIENCY --- AERODYNAMIC AND STRESS ANALYSES FOR GAS TURBINE ENGINES
ENERGY DISSIPATION

Influence of some factors on GT2 turbine blade vibrational energy dissipation p0068 A79-14845

ENERGY DISTRIBUTION

Evaluation of an energy distribution system for helicopter landing gears during hard landing AD-A065286 p0433 A79-20369

ENERGY EXCHANGE

U ENERGY TRANSFER

ENERGY LOSSES

U ENERGY DISSIPATION

ENERGY METHODS

MT STRAIN ENERGY METHODS

Flutter suppression and gust alleviation using active controls - Review of developments and applications based on the aerodynamic energy concept p0156 A79-20128

ENERGY POLICY

Impact of fuel availability and other cost trends on general aviation p0052 A79-13078

Federal Energy Data System (FEDS) technical documentation [PB-281815/S] p0500 A79-11592


JET-70-75 improved high pressure turbine clearance control system - for specific fuel consumption improvement [NASA-CR-150661] p0670 A79-31208


ENERGY REQUIREMENTS


ENERGY SOURCES

Future aviation fuels fuel suppliers views p0106 A79-13194

ENERGY SPECTRA


ENERGY STORAGE

Air Force applications of lightweight superconducting machinery --- in airborne power sources p0279 A79-27666

ENERGY STORAGE DEVICES

U ENERGY STORAGE

ENERGY TECHNOLOGY

Utilization of alternative fuels for transportation; Proceedings of the Symposium, University of Santa Clara, Santa Clara, Calif., June 19-23, 1978 p0635 A79-49376


High energy NER fuels development program [AD-A060156] p0168 A79-14239

European scientific notes, volume 32, number 5 [AD-A065400] p0485 A79-23895

ENERGY TRANSFER

Global enclosure fire modeling with applications p0667 A79-31172

ENGINE CONTROL

MT TURBOJET ENGINE CONTROL


Recent developments in sensors for the gas turbine engine [AIAA PAPER 78-07-52] p0007 A79-10759


Adjustment diagnostics for gas turbine engine controls p0080 A79-16439

Electronic control for helicopter engines [AMS 78-45] p0123 A79-18168

A-173
ENGINE DESIGN CONTD

[ASME PAPER 78-GT-137]
Computation of three-dimensional gas-turbine combustion chamber flows
p0009 A79-10794

[ASME PAPER 78-GT-142]
Development of a compact gas turbine combustor to give extended life and acceptable exhaust emissions
p0010 A79-10799

[ASME PAPER 78-GT-146]
A design point correlation for losses due to part-span dampers on transonic rotors
p0010 A79-10802

Time-phased development methodology – the key for reliable engines in future military aircraft weapon systems
[ASME PAPER 78-GT-167]
p0010 A79-10807

Advanced turbofan engines for low fuel consumption
[ASME PAPER 78-GT-192]
p0011 A79-10816

20 hp mini-FFV demonstrator engine program
[ASME PAPER 78-GT-200]
p0011 A79-10820

Evolution of the turboprop for high speed air transportation
[ASME PAPER 78-GT-201]
p0012 A79-10821

The application of low cost manufacturing technology to a turbine gas generator
[ASME PAPER 78-GT-202]
p0012 A79-10822

Near-net-shape engine methods emerge – aircraft engine parts fabrication technologies
p0017 A79-11449

Design of a multivariable controller for a high-order turbofan engine model by Zakian’s method of inequalities
p0023 A79-12207

Gas turbine analysis and design using interactive computer graphics
p0025 A79-12459

Choice of the main parameters in the design of aircraft engines
p0026 A79-12528

Current problems in the development and production of small gas turbine engines
p0026 A79-12529

Control system requirements for aircraft gas turbine engines
p0026 A79-12530

Control systems and problems of their development from the viewpoint of technological and operational requirements – for aircraft gas turbine engines
p0026 A79-12531

Optimal design of gas-turbine engine thermodynamics on the basis of prototype elements
p0028 A79-12951

Engine requirements for the next generation of fighter aircraft
[DGLE PAPER 78-124]
p0061 A79-14077

New technologies as basis for development of propulsion systems for future fighter aircraft
[DGLE PAPER 78-125]
p0061 A79-14078

Propulsion concepts for future fighter aircraft
[DGLE PAPER 78-126]
p0061 A79-14079

Design of two-dimensional external compression supersonic inlets
p0067 A79-14517

Representation of compressor characteristics in coordinates convenient for computer calculation of GTE parameters
p0068 A79-14884

Influence of stator vane canting on alternating stress level in turbine rotor blades
p0068 A79-14884

Maintainability by design – turbofan engine management
p0070 A79-15410

Advanced turbine powerplants for future helicopter systems
p0071 A79-16218

New technological advances in the development of helicopter powerplants for the 1980’s
p0078 A79-16222

Important criteria for the definition and design of future helicopter powerplants
p0078 A79-16223

The Rolls-Royce Gen turbines for helicopters and its future developments
p0078 A79-16237

860 shaft horsepower advanced technology demonstrator engine – turboshaft for military helicopters
p0124 A79-18170

Automation of blade design for aircraft turbines
p0126 A79-18298

Technology evolution in the Allison Model 250 engine --- for helicopter propulsion
p0134 A79-18681

Modeling parameter influences in gas turbine combustor design
[ATAA PAPER 78-035A]
p0146 A79-19685

Design and development of a nonrotor gas turbine auxiliary power unit
[ASME PAPER 78-GT-2]
p0149 A79-19791

Progress on the NASA approach to improved structural integrity in gas turbine engines – An overview
[ASME PAPER 78-GT-13]
p0150 A79-19800

Fuel conserving aircraft engine technology
p0152 A79-20078

Recent advances in convectively cooled engine and airframe structures for hypersonic flight
p0153 A79-20087

Aerodynamics of fluid flow engines
[DGLE PAPER 78-226]
p0183 A79-20483

Auxiliary gas turbine engines for aircraft
p0185 A79-20672

Marine prop – SM-1 propulsion module
[ASME PAPER 78-GT-58]
p0196 A79-22337

Method for design and manufacture of the stage of a radial compressor
p0212 A79-24196

NASA research on general aviation power plants
[AIAA PAPER 79-0561]
p0248 A79-24627

Recent General Electric engine development testing for improved service life
[SAE PAPER 780900]
p0255 A79-25876

The application of a design verification system and accelerated mission testing to gas turbine engine development
[SAE PAPER 780901]
p0255 A79-25877

TDS – a preliminary design system for turbines
[SAE PAPER 780992]
p0255 A79-25882

Life Cycle Cost in advanced technology engine development
p0257 A79-25901

Applying design-to-life cycle cost methods during engine advanced development
[SAE PAPER 781030]
p0257 A79-25902

Turbine engine cost reduction using Life Cycle Cost techniques
[SAE PAPER 781031]
p0257 A79-25903

Life cycle cost in preliminary engine design --- for F-15
[SAE PAPER 781032]
p0257 A79-25904

Small fan-jet engines --- for business aircraft
p0260 A79-26531

Influence of bypass ratio on jet engine weight
p0279 A79-27737

Influence of bypass ratio change on fan aerodynamic characteristics
p0280 A79-27744

Optimizing gas turbine engine flexible rotor balancing by the LP-search method
p0270 A79-27745

Design of proportional-plus-integral controllers for multivariable systems
p0281 A79-28223

Air-inlet engine matching problem of a jet aircraft
[AIAA 79-7004]
p0327 A79-29360

Aerodynamic development and performance of the CTF-6/28250 compressor
[AIAA 79-7003]
p0329 A79-29402

Optimizing the endurance of a low Mach number ramjet in a cruise application
[AIAA 79-7040]
p0330 A79-29410

Propulsion research – Current status and future prospects --- aircraft turbine engines
p0332 A79-29590

Requirements and major decision outline – Total program
p0333 A79-29593

The 727-200 development
p0333 A79-29597
The selection of materials technologies for aircraft gas turbine engines

What small turbine engine does the small General aviation turbine engine /GATE/ concepts

The growth and evolution of the TPE331 --- Aircraft gas turbine engines. I

A design review of ceramic components for turbine engines

Propulsion system considerations for the subsonic TPE300 --- Aircraft gas turbine engines. II

Rolls-Royce Adour --- Aircraft gas turbine engines. III

Industry seeks lighter aircraft weight --- Aircraft gas turbine engines. IV

Augmented turbofan performing well in test series --- Aircraft gas turbine engines. V

Lean, premixed, pre vaporized combustion for aircraft gas turbine engines --- Aircraft gas turbine engines. VI

A streamlined control system development process --- Aircraft gas turbine engines. VII

Payback period - An engineering cost/benefit method for aircraft engines --- Aircraft gas turbine engines. VIII

New technologies for general aviation aircraft --- Aircraft gas turbine engines. IX

Materials and structural aspects of advanced gas-turbine helicopter engines --- Aircraft gas turbine engines. X

Computer aided design of mixed flow turbines for turbochargers --- Aircraft gas turbine engines. XI

Application of finite-element and holographic techniques in the design of turboshift engine components --- Aircraft gas turbine engines. XII

Optimal thermodynamic design of gas turbine engines using element prototypes --- Aircraft gas turbine engines. XIII

Gas turbines for flight vehicle engines: Theory, design, and calculation --- Aircraft gas turbine engines. XIV

Gas turbines for flight vehicle engines: Theory, design, and calculation --- Russian book --- Aircraft gas turbine engines. XV

A streamlined control system development process --- Aircraft gas turbine engines. XVI

Materials and structural aspects of advanced gas-turbine helicopter engines --- Aircraft gas turbine engines. XVII

Payback period - An engineering cost/benefit method for aircraft engines --- Aircraft gas turbine engines. XVIII

Optimal thermodynamic design of gas turbine engines using element prototypes --- Aircraft gas turbine engines. XIX

Gas turbines for flight vehicle engines: Theory, design, and calculation --- Aircraft gas turbine engines. XX

Gas turbines for flight vehicle engines: Theory, design, and calculation --- Third review and enlarged edition/ --- Aircraft gas turbine engines. XXI

Structural design and analysis of prop-fan blades --- Aircraft gas turbine engines. XXII

An advanced technology engine family for general aviation --- Aircraft gas turbine engines. XXIII

Augmented turbofan performing well in test series --- Aircraft gas turbine engines. XXIV

Clean General Aviation xTurbofan compressor stage --- Aircraft gas turbine engines. XXV

Damage-tolerant fan blade design --- Aircraft gas turbine engines. XXVI

The multiple application core engine - Sizing and usage criteria --- High-pressure rotors in jet engines --- Aircraft gas turbine engines. XXVII

The selection of materials technologies for full-scale development --- Aircraft gas turbine engines. XXVIII

General aviation turbine engine /GATE/ concepts --- Aircraft gas turbine engines. XXIX

A novel correlation of centrifugal compressor performance for off-design prediction --- Aircraft gas turbine engines. XXX

Turbo-fan design for general aviation - The evolution of the RB.401 --- Aircraft gas turbine engines. XXXI

Aircraft engine design using experimental stress analysis techniques --- Aircraft gas turbine engines. XXXII

What small turbine engine does the small helicopter need, or The road to hell is paved with good intentions --- fuel compression, performance, environmental and engine reliability and acceptability considerations subordinating advanced turbine engine development for small helicopters --- Aircraft gas turbine engines. XXXIII

Rolls-Royce Adour --- Aircraft gas turbine engines. I

A review of tail rotor design and performance --- Aircraft gas turbine engines. II

The NASA Aircraft Energy Efficiency program --- Aircraft gas turbine engines. III

A basic problem in the analytical design of aircraft gas turbine engines. I --- Aircraft gas turbine engines. IV

An application of 3-D viscous flow analysis to the design of a low-aspect-ratio turbine nozzleless turbine casings --- Aircraft gas turbine engines. V

Improving turbine efficiency --- aerodynamic and stress analyses for gas turbine engines --- Aircraft gas turbine engines. VI

A design review of ceramic components for turbine engines --- Aircraft gas turbine engines. VII

Propulsion system considerations for the subsonic V/STOL --- Aircraft gas turbine engines. VIII

Allowing for the wall boundary layer in an axial compressor stage --- Aircraft gas turbine engines. IX

Preliminary QCSBE program test results --- Quiet, Clean General Aviation Turbofan --- Aircraft gas turbine engines. X

Clean General Aviation Turbofan --- Aircraft gas turbine engines. XI

New technologies for general aviation aircraft --- Aircraft gas turbine engines. XII

Rolls-Royce RB.401-07 turbofan engine for business aircraft in the 1980's --- Aircraft gas turbine engines. XIII

Wind tunnel performance of four energy efficient propellers designed for Mach 0.8 cruise --- Aircraft gas turbine engines. XIV

Industry seeks lighter aircraft weight --- Aircraft gas turbine engines. XV

Manufacturers developing fuel-efficient engines --- Aircraft gas turbine engines. XVI

Preliminary QCSBE program test results --- Quiet, Clean General Aviation Turbofan --- Aircraft gas turbine engines. XVII

New technologies for general aviation aircraft --- Aircraft gas turbine engines. XVIII

Rolls-Royce RB.401-07 turbofan engine for business aircraft in the 1980's --- Aircraft gas turbine engines. XIX

Wind tunnel performance of four energy efficient propellers designed for Mach 0.8 cruise --- Aircraft gas turbine engines. XX

Industry seeks lighter aircraft weight --- Aircraft gas turbine engines. XXI

Manufacturers developing fuel-efficient engines --- Aircraft gas turbine engines. XXII

Preliminary QCSBE program test results --- Quiet, Clean General Aviation Turbofan --- Aircraft gas turbine engines. XXIII

New technologies for general aviation aircraft --- Aircraft gas turbine engines. XXIV

Rolls-Royce RB.401-07 turbofan engine for business aircraft in the 1980's --- Aircraft gas turbine engines. XXV

Wind tunnel performance of four energy efficient propellers designed for Mach 0.8 cruise --- Aircraft gas turbine engines. XXVI

Industry seeks lighter aircraft weight --- Aircraft gas turbine engines. XXVII

Manufacturers developing fuel-efficient engines --- Aircraft gas turbine engines. XXVIII

Preliminary QCSBE program test results --- Quiet, Clean General Aviation Turbofan --- Aircraft gas turbine engines. XXIX

New technologies for general aviation aircraft --- Aircraft gas turbine engines. XXX

Rolls-Royce RB.401-07 turbofan engine for business aircraft in the 1980's --- Aircraft gas turbine engines. XXXI

Wind tunnel performance of four energy efficient propellers designed for Mach 0.8 cruise --- Aircraft gas turbine engines. XXXII

Industry seeks lighter aircraft weight --- Aircraft gas turbine engines. XXXIII

Manufacturers developing fuel-efficient engines --- Aircraft gas turbine engines. XXXIV

Preliminary QCSBE program test results --- Quiet, Clean General Aviation Turbofan --- Aircraft gas turbine engines. XXXV

New technologies for general aviation aircraft --- Aircraft gas turbine engines. XXXVI

Rolls-Royce RB.401-07 turbofan engine for business aircraft in the 1980's --- Aircraft gas turbine engines. XXXVII

Wind tunnel performance of four energy efficient propellers designed for Mach 0.8 cruise --- Aircraft gas turbine engines. XXXVIII

Industry seeks lighter aircraft weight --- Aircraft gas turbine engines. XXXIX

Manufacturers developing fuel-efficient engines --- Aircraft gas turbine engines.
An overview of NASA research on positive displacement type general aviation engines [Ala PAPER 79-1824] p0690 879-53750
Basic problems of aircraft gas turbine engine analysis design. I [AIAA PAPER 79-1825] p0695 879-58040
Preliminary study of optimum ductburning turbofan engine cycle design parameters for supersonic cruising [NASA- CR-159058] p0103 879-13050
Energy efficient engine preliminary design and integration study [NASA-CR-159396] p0093 879-12003
Analytical evaluation of the impact of broad specification fuels on high bypass turbofan engine combustors [NASA-CR-159054] p0103 879-13050
Low energy consumption engines [NASA-D-315] p0107 879-13199
Fluidized bed gas turbine experimental unit for NOx applications [ORDN/ED/NDIS-32] p0165 879-14664
Update of development on the newaidu NSU rotary engine generation --- for application to aircraft engines [NASA-CR-159641] p0221 879-15965
Rotary engine developments at Curtiss-Wright over the past 20 years and review of general aviation engine potential --- with direct charger injection [NASA-CR-159647] p0221 879-15967
Engine requirements for future general aviation aircraft p0221 879-15968
New opportunities for future small civil turbine engines: Overviewing the GATE studies [NASA-TM-79073] p0223 879-16949
Sultan p0239 879-17000
Recent advances in convectively cooled engine and airframe structures for hypersonic flight p0301 879-18925
Advanced fabrications techniques for cooled engine structures p0306 879-21425
Advanced composite engine rotor design [ADA-A063843] p0424 879-22105
Hydrazine monopropellant reciprocating engine development p0427 879-22540
Variable cycle engine technology program planning and definition study [NASA-CR-159539] p0425 879-23084
Advanced low emissions catalytic combustor program at General Electric p0497 879-25011
Advanced low emissions catalytic combustor program at Pratt and Whitney p0497 879-25012
Lean, premixed, prevaporized combustor conceptual design study p0497 879-25013
Lean, premixed, prevaporized combustor conceptual design study p0497 879-25014
Engine performance considerations for the large subsonic transport p0551 879-27139
Aircraft engine design using experimental stress analysis techniques p0552 879-27151
Off-design performance of gas turbines, volume 1 — conferences, Belgium, Jan.-Feb. 1978 p0587 879-28555
The importance of off-design operation p0587 879-28556
The prediction of compressor blade vibration performance: Numerical methods and theoretical approaches p0587 879-28557
A three dimensional flow computing system applicable to axial and radial flow machines p0587 879-28558
Axial turbine performance prediction p0587 879-28561
A gas turbine off-design computing system p0587 879-28563
A summary of NASA/Air Force full scale engine research programs using the F100 engine [NASA-TM-79267] p0653 879-30188
Energy efficient engine flight propulsion system preliminary analysis and design report [NASA-CR-159687] p0654 879-30189
JetP-70/75 improved high pressure turbine active clearance control system --- for specific fuel consumption improvement [NASA-CR-159661] p0670 879-31208
Thrust emissions characteristics for a general aviation light aircraft Teledyne Continental Motors TSIO-360-C piston engine [AV-07001U] p0671 879-31215
Lean, premixed, prevaporized fuel combustor conceptual design study [NASA-CR-159647] p0707 879-32211
Laminated turbine vane design and fabrication --- utilizing fill cooling as a cooling system [NASA-TM-79595] p0716 879-33204
A new stage stacking technique for axial-flow compressor performance prediction [AIAA PAPER 78-GT-139] p0802 879-10268
An axial compressor end-wall boundary layer calculation method [AIAA PAPER 78-GT-81] p0807 879-10767
Airworthiness of helicopters /Ciera Memorial Lecture/ p0818 879-18004
The unsafe zone for single engine helicopters --- height-speed envelopes at engine failure p0816 879-18701
Estimation of reliability from multiple independent grouped censored samples with failure times known p0826 879-23643
Wake induced time-variant aerodynamics including rotor-stator axial spacing effects p0826 879-24218
Designing a ring for protecting the gas-turbine component characteristics determination of the characteristics of structural members --- Doran thesis p0515 879-41827
Fault diagnosis of gas turbine engines by means of component characteristics determination [AIAA PAPER 78-GT-81] p0539 879-49806
ARIA takeoff performance flight test program --- Advanced Range Instrumented Aircraft p0546 879-50437

A-176
<table>
<thead>
<tr>
<th>SUBJECT INDEX</th>
<th>p0271 179-26930</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turboprop interior noise studies</td>
<td>[AIAA PAPER 79-0647]</td>
</tr>
<tr>
<td>Effects of simulated forward flight on jet noise, shock and noise intensity</td>
<td>p0271 179-26931</td>
</tr>
<tr>
<td>[AIAA PAPER 79-0615]</td>
<td></td>
</tr>
<tr>
<td>Flight effects on noise generated by the JT8D engine with inverted primary/fan flow as measured in the NASA-Ames 40'-by-80-foot wind tunnel</td>
<td>p0271 179-26936</td>
</tr>
<tr>
<td>[AIAA PAPER 79-0619]</td>
<td></td>
</tr>
<tr>
<td>Estimation of reliability from multiple engine parts</td>
<td>p0271 179-26937</td>
</tr>
<tr>
<td>[AIAA PAPER 79-0669]</td>
<td></td>
</tr>
<tr>
<td>Computation noise prediction update</td>
<td>p0272 179-26940</td>
</tr>
<tr>
<td>[AIAA PAPER 79-0588]</td>
<td></td>
</tr>
<tr>
<td>Unsteady stator response to upstream nonisothermal</td>
<td>p0272 179-26942</td>
</tr>
<tr>
<td>[AIAA PAPER 79-0579]</td>
<td></td>
</tr>
<tr>
<td>Aerodynamic and acoustic comparisons of scaled-down and actual engine jett</td>
<td>p0272 179-26945</td>
</tr>
<tr>
<td>[AIAA PAPER 79-0574]</td>
<td></td>
</tr>
<tr>
<td>Investigation of wing shielding effects on CTOL engine noise</td>
<td>p0273 179-26946</td>
</tr>
<tr>
<td>[AIAA PAPER 79-0669]</td>
<td></td>
</tr>
<tr>
<td>Measurements and predictions of flyover and static noise of an afterburning turbofan engine in an F-111 airplane</td>
<td>p0318 179-28970</td>
</tr>
<tr>
<td>[AIAA 79-7016]</td>
<td></td>
</tr>
<tr>
<td>Quieter short and medium haul aircraft</td>
<td>p0328 179-29391</td>
</tr>
<tr>
<td>[NASA-PH-79094]</td>
<td></td>
</tr>
<tr>
<td>Sound absorption through flow separation - A new possibility for acoustic attenuation of engines</td>
<td>p0455 179-36728</td>
</tr>
<tr>
<td>[AIAA PAPER 79-0594]</td>
<td></td>
</tr>
<tr>
<td>Duct noise radiation through a jet flow</td>
<td>p0612 179-41238</td>
</tr>
<tr>
<td>Measurements and predictions of flyover and static noise of a TF30 afterburning turbofan engine</td>
<td>p0682 179-50110</td>
</tr>
<tr>
<td>[NASA-TF-1372]</td>
<td></td>
</tr>
<tr>
<td>Measured and predicted noise of the Aero-Lycoming TF-102 turbofan noise</td>
<td>p0702 179-13045</td>
</tr>
<tr>
<td>[NASA-TF-70069]</td>
<td></td>
</tr>
<tr>
<td>Analysis of radiation patterns of interaction tones generated by inlet rods in the JT15D engine</td>
<td>p0720 179-15597</td>
</tr>
<tr>
<td>[NASA-TF-70074]</td>
<td></td>
</tr>
<tr>
<td>Investigation of wing shielding effects on CTOL engine noise</td>
<td>p0720 179-15960</td>
</tr>
<tr>
<td>[NASA-TF-70078]</td>
<td></td>
</tr>
<tr>
<td>Engine integration and noise considerations for STOL aircraft</td>
<td>p0731 179-20390</td>
</tr>
<tr>
<td>[NASA-TF-70087]</td>
<td></td>
</tr>
<tr>
<td>Engine-induced structural-borne noise in a small twinjet engine</td>
<td>p0430 179-23005</td>
</tr>
<tr>
<td>[NASA-CS-150099]</td>
<td></td>
</tr>
<tr>
<td>Engine-induced structural-borne noise in a general aviation aircraft</td>
<td>p0559 179-29957</td>
</tr>
<tr>
<td>[NASA-TF-70090]</td>
<td></td>
</tr>
<tr>
<td>Noise generation by jet-engine exhaust deflection - [DLR-PB-78-21]</td>
<td>p0654 179-30192</td>
</tr>
<tr>
<td>ENGINE PARTS</td>
<td></td>
</tr>
<tr>
<td>Near-net-shape engine methods emerge - aircraft engine parts fabrication technologies</td>
<td>p0917 179-11449</td>
</tr>
<tr>
<td>Summation of defects in the case of rocket engine components</td>
<td>p0920 179-12164</td>
</tr>
<tr>
<td>New construction materials for gas turbine engines and technology for processing these materials</td>
<td>p0926 179-12533</td>
</tr>
<tr>
<td>Assembly and repair of aircraft engine parts using pulsed YAG lasers</td>
<td>p0007 179-15205</td>
</tr>
<tr>
<td>Application of shock-tube technology to the measurement of heat-transfer rate to gas turbine engine components</td>
<td>p0007 179-15211</td>
</tr>
<tr>
<td>NASA thermal barrier coatings - Summary and update</td>
<td>p0019 179-21295</td>
</tr>
<tr>
<td>Estimation of reliability from multiple independent grouped censored samples with failure times known</td>
<td>p0206 179-23643</td>
</tr>
<tr>
<td>Discrete time slice simulation of replacement requirements - for aircraft engine parts</td>
<td>p0206 179-23796</td>
</tr>
<tr>
<td>Hot isostatic pressing structural materials for c-jet engine applications</td>
<td>p0206 179-23799</td>
</tr>
</tbody>
</table>
Rioter Engine Testing Laboratories

Recent General Electric engine development testing

Dynamic data analysis --- gas turbine engine

Dynamic response testing of gas turbines

Engine life usage experience of TF17/Y3101 flight

Certain problems which had to be solved between

Effect of forward velocity and crosswind on the

LM2500 condition and performance monitoring system

Statistical diagnostics of aircraft engines

20 hp uni-Rpv demcnstrator engine programs

The 150 KVA samarium cobalt USCF starter generator

electrical system

[A&D PAPER 79-7008]

Testing to assess the effect of degraded fuel

Specifications on the cold start ability of a

T63-A-700 engine

[GA PAPER 79-7009]

Characteristics of aerelastic instabilities in
turbomachinery - NASA full scale engine test

results

[AIAA 79-7011]

Vibration measurements on-planetary gears of
turbine airplane engines

[AIAA 79-7012]

Experimental study on the charging out of

[AA PAPER 79-7021]

Initial wind tunnel tests at Mach 4 and 7 of a
hydrogen-burning, airframe-integrated scramjet

[ASME PAPER 79-7045]

Turbine performance analysis and engine to rig
correlation

[AIAA 79-7048]

A low cost, on-site performance monitoring system

--- thermodynamics of shaft power gas turbines

[ASME PAPER 79-7021]

Engine evaluation of a vibration damping treatment

for inlet guide vanes...

[ASME PAPER 79-7016]

The effect of a sample lot of fuel JECTORS on
emissions levels of a small gas turbine

[ASME PAPER 79-7015]

Identification of a STOL propulsion plant model

from sting data

[ASME PAPER 79-7014]

Hi level maintenance below sea level

[ASME PAPER 79-7013]

Test verification of a turbofan partial swirl
afterburner

[AIAA PAPER 79-7119]

A streamlined control system development process

--- to optimize aircraft propulsion system

performance

[AIAA PAPER 79-7134]

Multivariable control altitude demonstration on
the F100 turbofan engine

[AIAA PAPER 79-1204]

Evaluation of turbo-propulsion simulators as a
testing technique for fighter aircraft

[AIAA PAPER 79-7149]

A summary of NASA/Air Force Full Scale Engine
Research programs using the P100 engine

[ASME PAPER 79-7160]
Critical assessment of emissions from aircraft

The test pilot in the airline industry or hot bags

Geometric data transfer --- for computerized

CF6 jet engine performance improvement program.

Characteristics of aeroelastic instabilities in

The contribution of dynamic X-ray to gas turbine

Correlation technique for ambient effects on

Aerodynamic performance of axial-flow fan stage

Experimental Clean Combustor Program (ECCP), phase 3

A summary of NASA/Air Force full scale engine

NASA CF6 jet engine diagnostics program:

A new facility for structural engine testing

NASA CF6 jet engine diagnostics program: Long-term CF6-60 low-pressure turbine deterioration

A summary of NASA/Air Force full scale engine research programs using the F100 engine

Critical assessment of emissions from aircraft piston engines

Experimental Clean Combustor Program (ECCP), phase 3 --- commercial aircraft turbofan engine tests with double annular combustor

Aerospatiale S.350 and AS.355

A numerical study of jet entrainment effects on the subsonic flow over nozzle afterbodies

A summary of the Data Acquisition and Display System Program

Summary report of the Data Acquisition and Display System Program

Environmental effects on VLF navigation systems, CAIRON

Utilization of computerized EMC techniques to evaluate C-E system to environment compatibility --- Electromagnetic Compatibility analysis for Communications Electronic systems

Summary Report of the Icing Committee

Summary report of the Visibility Committee

Summary report of the Aircraft Operations Committee

Environmental effects on VLF navigation systems, TASS

Environmental effects on the elastic-plastic properties of adhesives in bond metal joints

A-180
Subject Index

2. Equation modifying program, L219 (EQMOD), Volume 2: Supplemental system design and maintenance documentation: p0665, 879-31153.

Equations of Motion


Equations of State

1. Aircraft optimal state-space tracking control: p0304, 879-31173.

Environmental Conditions

1. Effective perceived noise levels: p0094, 879-10915.
5. Phosphorylated epoxy adhesives: p0695, 879-54232.

EQUATIONS OF MOTION

1. HOLEY EQUATIONS OF MOTION
2. HYDRODYNAMIC EQUATIONS
3. NATIVE-STOKE'S EQUATION

A low-frequency aeroelastic element method and its application to the barometric gust response analysis of a flexible airplane: p0100, 879-21475.


The enhancement of aircraft parameter identification using linear transformations: p0611, 879-47961.

Sensitivity of aircraft motion to aerodynamic cross-coupling at high angles of attack: p0179, 879-1509a.

Lateral-longitudinal cross-coupling effects: p0215, 879-15912.

Inertial dynamics of a general purpose rotor: p0719, 879-15912.

NESG: A segmented mission analysis program for low and high speed aircraft: p0301, 879-18916.

Introduction to equations of motion for performance: p0378, 879-21001.

An introduction to dynamic derivatives: p0378, 879-21002.

Error Analysis

Adaptive approximations in finite element structural analysis: p0094, 879-10915.

Error analysis of a satellite interferometer navigation system: p0410, 879-35057.

Possibilities for increasing distance measurement accuracy of an interferometer: p0520, 879-42377.

Error analysis of a satellite interferometer navigation system: p0519, 879-22112.

Analysis of radio navigation sensor accuracies associated with area navigation (RNAV): p0477, 879-39919.
<table>
<thead>
<tr>
<th>SUBJECT INDEX</th>
<th>EUROPEAN AIRBUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>[AD-A058544] Error assessment and control</td>
<td>p0644 A79-50247</td>
</tr>
<tr>
<td>Error model verification for a three-axis laser gyro strapdown inertial measurement unit</td>
<td>p0644 A79-50247</td>
</tr>
<tr>
<td>A study of altimeter-controlled terrain-following systems</td>
<td>p0644 A79-50247</td>
</tr>
<tr>
<td>Implementation and testing of numerical analysis techniques in avionics applications</td>
<td>p0644 A79-50247</td>
</tr>
<tr>
<td>Investigation on information error caused by traffic loading in approach and landing systems</td>
<td>p0644 A79-50247</td>
</tr>
<tr>
<td>ERROR BAND</td>
<td>G ACCURACY</td>
</tr>
<tr>
<td>ERROR CORRECTING CODES</td>
<td>ERROR CORRECTING CODES</td>
</tr>
<tr>
<td>ERROR CORRECTING DEVICES</td>
<td>ERROR CORRECTING DEVICES</td>
</tr>
<tr>
<td>ERROR DETECTION CODES</td>
<td>ERROR DETECTION CODES</td>
</tr>
<tr>
<td>ESCAPE SYSTEMS</td>
<td>ESCAPE SYSTEMS</td>
</tr>
<tr>
<td>Helicopter underwater escape trainer (905)</td>
<td>p0645 A79-50436</td>
</tr>
<tr>
<td>Bailout from autorotating helicopters</td>
<td>p0645 A79-50436</td>
</tr>
<tr>
<td>ESCAPE SISTERS</td>
<td>ESCAPE SISTERS</td>
</tr>
<tr>
<td>Can government specified reliability and maintainability requirements for complex aircrew escape systems be met</td>
<td>p0665 A79-14403</td>
</tr>
<tr>
<td>Explosive removal of egress panels for emergency escape from cockpits</td>
<td>p0665 A79-14403</td>
</tr>
<tr>
<td>A system for survival — passenger aircraft escape systems utilizing pyrotechnics</td>
<td>p0665 A79-14403</td>
</tr>
<tr>
<td>Rotor Systems Research Aircraft (R/SRA)</td>
<td>p0665 A79-14403</td>
</tr>
<tr>
<td>Ejection escape systems</td>
<td>p0665 A79-14403</td>
</tr>
<tr>
<td>Aircrew experiences in USAF ejections, 1971-1977</td>
<td>p0665 A79-14403</td>
</tr>
<tr>
<td>Aerodynamic effects simulator — for testing escape aircraft escape systems</td>
<td>p0665 A79-14403</td>
</tr>
<tr>
<td>Development and initial test results of parachutes with Automatic Inflation Modulation (A.I.M.)</td>
<td>p0665 A79-14403</td>
</tr>
<tr>
<td>Ejection systems in the year 2000</td>
<td>p0665 A79-14403</td>
</tr>
<tr>
<td>Helicopter emergency escape</td>
<td>p0665 A79-14403</td>
</tr>
<tr>
<td>Development and testing of a dual mode escape propulsion system</td>
<td>p0665 A79-14403</td>
</tr>
<tr>
<td>Unique crew escape concepts for ATS mission aircraft</td>
<td>p0665 A79-14403</td>
</tr>
<tr>
<td>An experimental passive microwave attitude measurement system for escape system steering</td>
<td>p0665 A79-14403</td>
</tr>
<tr>
<td>Death by misadventure — helicopter escape system proposals</td>
<td>p0665 A79-14403</td>
</tr>
<tr>
<td>The Swedish approach to escape system testing</td>
<td>p0665 A79-14403</td>
</tr>
<tr>
<td>Aeronautical systems technology needs: escape, rescue and survival</td>
<td>p0665 A79-14403</td>
</tr>
<tr>
<td>Crew escape concepts for advanced high performance aircraft</td>
<td>p0665 A79-14403</td>
</tr>
<tr>
<td>Escape system trajectory sensitivity analysis</td>
<td>p0665 A79-14403</td>
</tr>
<tr>
<td>1-183</td>
<td>479-12153</td>
</tr>
<tr>
<td>EUROPEAN AIRBUS</td>
<td>EUROPEAN AIRBUS</td>
</tr>
<tr>
<td>Airbus picks up speed — and the junior A310 takes off</td>
<td>p0645 A79-36774</td>
</tr>
<tr>
<td>Britain’s better airbus wing — A-310 aircraft wing design</td>
<td>p0645 A79-36774</td>
</tr>
</tbody>
</table>
**EUROPEAN SPACE PROGRAMS**

- **A European view on gas turbine engine monitoring of present and future civil aircraft**  
  [AIAA PAPER 79-1200] p0469 A79-39892
- **The European Airbus has definitively penetrated the world market**  
  [AIAA PAPER 79-1200] p0516 A79-42062

**EUROPEAN SPACE PROGRAMS**

- **The European transonic wind-tunnel project**  
  [AIAA PAPER 79-1200] p0334 A79-31021

**EUTECTIC ALLOYS**

- **Evaluation of an advanced directionally solidified gamma-gamma* Thesis to eutectic alloy**  

**EUTECTICS**

- **EUTECTIC ALLOYS**
  - **EVACUATING (TRANSPORTATION)**
    - **Casual evacuation by helicopter**  
      p0132 A79-18669
    - **Injuries in air transport emergency evacuations**  
      p0561 A79-28160

**EVAPORATION**

- **EVAPORATION RATE**
  - **Evaporation**
    - **Evaporation modelling and environmental assessment of JF-4 fuel jetisoned from aircraft**  
      [AIAA PAPER 79-0146] p0143 A79-19585
    - **Intensification of fuel vaporization in aircraft gas turbine engines by electrical forces**  
      p0200 A79-27748

**EVAPORATION RATE**

- **Theoretical approach to spray combustion in gas turbine combustor**  
  p0517 A79-42207

**EVAPORATIVE COOLING**

- **Evaporative cooling**
  - **Evaporative actions**
    - **Numerical computation of optimal evasive maneuvers for a realistically modeled airplane pursued by a missile with proportional guidance**  
      [AIAA 79-1626] p0566 A79-45306

**EVOLUTION (DEVELOPMENTS)**

- **Evolution of the turboprop for high speed air transportation**  
  [AIAA PAPER 78-07-201] p0012 A79-10621
- **The growth and evolution of the TP831 combustor**  
  [AIAA PAPER 79-07-164] p0395 A79-32426

**EXACTNESS**

- **U PRECISION**
  - **EXCHANGE**
    - **EXACTING EXCHANGE**
      - **Excitation and analysis technique for flutter tests**  
        p0267 A79-20137

**EXCITED STATES**

- **U EXCITATION**
  - **EXCLUSION**
    - **Findings and views concerning the exemption of jetfuel from the mandatory petroleum allocation and pricing regulations**  
      [DOE/ERA-0023] p0559 A79-28058

**EXECUTIVE AIRCRAFT**

- **U GENERAL AVIATION AIRCRAFT**
  - **U PASSENGER AIRCRAFT**

**EXERTION**

- **U PHYSICAL WORK**
  - **EXHAUST DIFFUSERS**
    - **Self-contained grease lubrication systems for aircraft applications**  
    - **Study of aerodynamic technology for V/STOL fighter/attack aircraft, volume 1**  
    - **End wall and corner flow improvements of the rectangular ejector nozzle**  
      [AIAA 79-11051] p0466 A79-10051

**SUBJECT INDEX**

- **Diffusers for gas turbine combustion systems**  
  p0308 A79-19369

**EXHAUST EMISSION**

- **Analytical-numeric models for the evaluation of polluting emissions from aircraft gas turbines - Limiting techniques**  
  p0608 A79-52758

**Turbine engine particulate emission characterization**  
  p0717 A79-33208

**WT PLUTO SIMULATION**

- **Wind tunnel model study of the hot exhaust plume from the compressor research facility at Wright-Patterson Air Force Base, Ohio**  
  [NASA PAPER 79-07-186] p0396 A79-32445
- **V/STOL aircraft configuration effects on exhaust gas emissions**  
  [AIAA PAPERS 79-1284] p0471 A79-39019
- **Validation of scramjet exhaust simulation technique at Mach 6**  
  [NASA CR-3003] p0363 A79-20104

**EXHAUST GASES**

- **The effects of ambient conditions on gas turbine emissions - Generalized correction factors**  
  p0001 A79-10262
- **Development of a compact gas turbine combustor to give extended life and acceptable exhaust emissions**  
  [NASA PAPER 78-07-146] p0010 A79-10799
- **HCN content of turbine engine exhaust**  
  p0138 A79-19358
- **Hydrogen enrichment for low-emission jet combustion**  
  p0190 A79-21347
- **Measurement and analysis of airport emissions**  
  p0206 A79-23743
- **Emissions of oxides of nitrogen from aircraft --- air quality impact**  
  p0206 A79-23743
- **Updated model assessment of pollution at major U.S. airports**  
  p0206 A79-23743
- **Methanol, ethanol and jet fuel emissions comparison from a small gas turbine**  
  [SAR PAPER 781013] p0256 A79-25893
- **In scanning-camera measurements of an exhaust plume from an axisymmetric nozzle afterbody model at transonic Mach numbers**  
  p0281 A79-28097
- **Double recirculation zone two-stage combustor --- for aircraft engine emissions reduction**  
  p0328 A79-29329
- **Aircraft engine emissions are under continuing surveillance**  
  p0382 A79-30581
- **Wind tunnel model study of the hot exhaust plume from the compressor research facility at Wright-Patterson Air Force Base, Ohio**  
  [NASA PAPER 79-07-106] p0396 A79-32445
- **Characteristics time correlations of pollutant emissions from an annular gas turbine combustor --- of aircraft engines**  
  [AIAA 79-1798] p0396 A79-32452
- **Concepts for reducing exhaust emissions and fuel consumption of the aircraft piston engine**  
  [NASA PAPER 78060] p0456 A79-36737
- **Contribution to the development of motor emissions**  
  [NASA TP-1194] p0473 A79-39092
- **Analysis of plume rise from jet aircraft**  
  p0532 A79-43436
- **Ultrasound method of gas detection --- for engine ingestion prevention in F-15**  
  p0642 A79-50166
- **Emission sample probe investigation of a mixed flow J85D-11 turbofan engine**  
  [AD-A050306] p0050 A79-11561
- **Plume program to develop operating time emission degradation factors for general aviation piston engines**  
  [AD-A055815] p0050 A79-11562
- **Jet engine test cells: Emissions and control measures, phase 1**  
  [FB-283470/3] p0050 A79-11580
- **Air pollution from aircraft operations at San Jose Municipal Airport, California**  
  [NASA TM-78056] p0096 A79-12585
- **Effect of swirler-mounted mixing venturi on emissions of flame-tube combustor using jet fuel**  
  [NASA TP-1393] p0164 A79-14099
A1-185

SUBJECT INDEX

Air quality analysis of possible F-15 and A-10 aircraft engine modifications to reduce pollution
[AD-A055976] p0165 879-14107

Cost effectiveness analysis of the proposed revisions in the exhaust emission standards for
new and in-use gas turbine aircraft engines
[PB-286386/a] p0175 879-15056

The economic impact of revised gaseous emission regulations for commercial aircraft engines
[PB-286772/9] p0181 879-15486

The feasibility of controlling turbine engine test cell particulate emissions with a baghouse
[AD-A051120] p0234 879-16855

[AD-A061532] p0234 879-16858

[AD-A061683] p0235 879-16859

Time degradation factors for the turbine engine exhaust emissions. Volume 1: Program
description and results -- air pollution control
[HRREC-1238-6-VOL-1] p0253 879-17860

Time degradation factors for the turbine engine exhaust emissions. Volume 2: JT9D-9 test data
--- air pollution control
[HRREC-1238-7-VOL-2] p0293 879-17863

Time degradation factors for turbine engine exhaust emissions. Volume 3: JT3D-7 test data
--- air pollution control
[HRREC-1238-9-VOL-3] p0293 879-17864

Time degradation factors for turbine engine exhaust emissions. Volume 4: JT3D-7 test data
--- air pollution control
[HRREC-1238-9-VOL-4] p0293 879-17865

Time degradation factors for turbine engine exhaust emissions. Volume 6: JT9D-9A test data
--- air pollution control
[HRREC-1238-11-VOL-6] p0293 879-17867

Time degradation factors for turbine engine exhaust emissions. Volume 7: RB211-22B test data
--- air pollution control
[HRREC-1238-12-VOL-7] p0293 879-17868

Time degradation factors for turbine engine exhaust emissions. Volume 8: CT60-25 test data
--- air pollution control
[HRREC-1238-13-VOL-6] p0293 879-17869

Comparisons of turbine engine combustor exhaust emissions measurements using three gas-sampling
probe designs
[AD-A061733] p0305 879-19005

Emission sample probe investigation of a mixed flow T30 turbofan engine
[PAE-0017-013] p0365 879-20115

Effects of air injection on a turbocartridge Teledyne Continental Motors T55-360-C engine
[NASA-TR-79-12957] p0374 879-24342

Low efficiency control, measures for jet engine test cells
[AD-A062665/1] p0384 879-21078

F-100 turbine engine afterburner emission tests
[AD-A063789] p0424 879-22109

Effect of primary-zone equivalence ratio on pollutant formation
[NASA-TP-1463] p0435 879-23086

Effect of degree of fuel vaporization on emissions for a premixed prewarmed combustion system
--- for gas turbine engines
[NASA-TR-74-113] p0484 879-23965

Two-stage supercharger sets: Efficiency and head distribution under full- and part-load conditions
[RTS-11613] p0489 879-24942

Effect of fuel/air nonuniformity on nitric oxide emissions
[AD-A066566] p0496 879-25004

Optical in situ versus probe measurements of nitric oxide concentration as a function of
axial position in a combustor exhaust
[AD-A066732/1] p0458 879-25025

Exhaust emissions characteristics for a general aviation light-aircraft Avco Lycoming
To-360-1186 piston engine
[AD-A066556] p0503 879-25544

Exhaust emissions characteristics for a general aviation light-aircraft Avco-Lycoming
10-360-B1BD piston engine
[AD-A066559] p0503 879-25565

Aircraft air pollution emission estimation techniques, ACE
[AD-A067262] p0504 879-25560

Air pollutant emission factors for military and
civil aircraft
[PB-292550/4] p0504 879-25567

Jet engine exhaust analysis by subtractive
cromatography
[AD-A067656] p0583 879-28178

Critical assessment of emissions from aircraft
piston engines
[AD-A071002] p0658 879-30190

Exhaust emission traverse investigation of a
JT3D-1 turbofan engine --- to acquire exhaust
dose emission sample
[AD-A070191] p0670 879-31209

Exhaust emissions characteristics for a general
aviation light aircraft Teledyne Continental
Motors TSIO-360-C piston engine
[AD-A070701] p0670 879-31211

Assessment correction factors for aircraft gas
turbine idle emissions
[AD-A069240] p0672 879-31218

Lean, premixed, prevaporized fuel combustor
conceptual design study
[NASA-CR-159647] p0707 879-32211

EXHAUST NOZZLES

VT CONVERGENT-DIVERGENT NOZZLES

NONAXISYMMETRIC NOZZLES

VD CONVERGENT-DIVERGENT NOZZLES

ST TURBINE EXHAUST NOZZLES

Determination of ejector nozzle starting parameters
[AD-A062378] p0066 879-20122

Total pressure recovery of flared fan nozzles used
as inlets
[AD-A062205] p0211 879-24178

The influence of geometric asymmetry on the flow
downstream of row of jets discharging normally
into a free stream
[AD-A067536] p0298 879-25065

Noise from struts and splitters in turbofan exit
ducts
[AIAA PAPER 79-0637] p0270 879-26923

Effect of shocks on file cooling of a full scale
turbojet exhaust nozzle having an external
expansion surface
[AIAA PAPER 79-1170] p0677 879-38969

Design and test of an annular sting support
concept for afterbody nozzle wind tunnel testing
[AD-A056954] p0038 879-10063

Exhaust plane thermodynamic effects on
nonaxiymmetric nozzle afterbody performance in
transonic flow
[AD-A057363] p0496 879-11052

Variable area exhaust nozzle
[NASA-CASE-LEM-12378-1] p0644 879-14097

Transonic exit guide vane program --- exhaust
nozzles
[AD-A060343] p0644 879-18101

Viscous/inviscid interaction analysis of thrust
augmenting ejectors
[AD-A059546] p0175 879-15055

Computer-aided design study of hypermixing nozzles
[AD-A062374] p0365 879-20122

Hot flow testing of multiple nozzle exhaust
eductor systems --- cooling exhaust gas from
gas turbine powered ships
[AD-A062050] p0371 879-20354

Studies of the acoustic transmission
characteristics of coaxial nozzles with inverted
velocity profiles: Comprehensive data report
--- nozzle transfer functions
[NASA-CR-159628] p0558 879-27933

Aerodynamic and acoustic investigation of inverted
velocity profile coaxial exhaust nozzle models
and development of aerodynamic and acoustic
prediction procedures, comprehensive data
report, volume 1
[NASA-CR-159515] p0653 879-30185

Aerodynamic and acoustic investigation of inverted
velocity profile coaxial exhaust nozzle models
and development of aerodynamic and acoustic
prediction procedures, comprehensive data
report, volume 2
[NASA-CR-159516] p0653 879-30186

Aerodynamic and acoustic investigation of inverted
velocity profile coaxial exhaust nozzle models

EXHAUST NOZZLES.
and development of aerodynamic and acoustic prediction procedures
CF6 jet engine performance improvement program. 
Short core exhaust nozzle performance 
Improvement concept --- specific fuel consumption reduction

EXPLOSIVE DEVICES
An acoustic probel in anechoic chambers arising from exhaust noise testing
[AIAA PAPER 79-1820] p0271 A79-26929
Full-scale wind tunnel study of nacelle shape on cooling drag
[AIAA PAPER 79-0358] p0607 A79-47900
Internal mixer investigation for JT8D engine jet noise reduction. Volume 1: Results
[AD-A057519] p0237 A79-12059
Internal mixer investigation for JT8D engine jet noise reduction. Volume 2: Appendices A, B, C, and D
[AD-A057310/5] p0038 A79-10065

EXPLOSIONS
On the noise emitted by cold subsonic coaxial jets
p0117 A79-17767
Effects of geometric and flow-field variables on inverted-velocity-profile coaxial jet noise --- nacelle geometry

EXHAUST VELOCITY
Effects of shock on flow cooling of a full scale turbojet exhaust nozzle having an external expansion surface

EXHAUST SYSTEMS
A study of some characteristics of operation on the basis of a numerical experiment
Aircraft flutter suppression in the on the basis of a numerical experiment

EXHAUST SYSTEMS
Effect of spanwise blowing on the aerodynamic study of some characteristics of flight operations

EXPERIMENTAL DESIGN
Experimental design for real-time simulations of airplane traffic control concepts
p0017 A79-11481
The importance of experimenting in aerodynamics and fluid mechanics --- on-line wind tunnel-computer integration
[NASA PAPER 79-229] p0184 A79-20805
Study of some characteristics of helicopter rotor operation on the basis of a numerical experiment
[NASA CR-152206] p0583 A79-26067
A study of some characteristics of the operation of a lifting propeller by numerical experiment
p0694 A79-53278
Feasibility design study for scale model of R-2-S airship
[NASA CR-152206] p0342 A79-30960
Experimental techniques for transonic testing in shock tubes
p0377 A79-20998
Feasibility study for a numerical aerodynamic simulation facility. Summary
[NASA CR-152206] p0583 A79-26067

EXPERIMENTATION
NY SPHERES

EXPANDING CONDUCTOR CIRCUITS

US CIRCUITS

EXPLORATION

SPACE EXPLORATION

EXPLORERS SATELLITES

Considerations on the airborne use of DME interceptors or SSR transponders for ground-derived landing and surveillance systems
p0055 A79-13247

EXPLOSIVES

NUCLEAR EXPLOSIONS

UNDERWATER EXPLOSIONS

Tests to determine the ullage explosion tolerance of helicopter fuel tanks
[AD-A056188] p0092 A79-12074

EXPLOSIVE DEVICES

BOMBS (ORDNANCE)

Explosive removal of egress panels for emergency escape from helicopters underwater
p0066 A79-14417

EXPOSURE

Environmental exposure effects on composite materials for commercial aircraft
[NASA-CR-155956] p0585 A79-28230

EXPRESSIONS (MATHEMATICS)

FORMULAS (MATHEMATICS)

EXTERNAL CORROSION ENGINES

A model of external burning propulsion
p0201 A79-23549

EXTERNAL STORES

Separation testing of large weapons from the B-1 bomber
p0665 A79-50429

In-flight measurement of aerodynamic loads on captive stores, Description of the measurement equipment and comparison of results with data from other sources
[AD-A0579702-0] p0229 A79-16812

EXHAUST SYSTEMS

NT BALLOONS (EXTERNAL STORES)

Environmental vibration testing of helicopter stores and equipment to the procedures outlined in MIL-STD-610C
[AMS 78-20] p0121 A79-18146

New airborne armament systems --- multidimensional design requirements
[AD-A057409] p0276 A79-27362
Decoupler pylons - A simple, effective wing/store flutter suppressor --- in fighter/attack aircraft
[AIAA 79-067] p0322 A79-29035
In-flight captive store loads compared with wind-tunnel and mathematical simulations
p0047 A79-34595

Demonstration of aircraft wing/store flutter suppression systems
p0574 A79-46238

Active external store flutter suppression in the YF-17 fighter model
p0639 A79-49866

Aerodynamic characteristics of a 1/2-scale F-111 aircraft with various external stores at Mach numbers from 0.5 to 1.3
p0084 A79-11005

A summary report on store heat handling technology
[AD-A059415] p0159 A79-14030

In-flight measurements of captive loads on a store as compared with wind tunnel and mathematical simulations
[AD-A059415] p0159 A79-14030

In-flight measurement of aerodynamic loads on captive stores, Description of the measurement equipment and comparison of results with data from other sources
[NASA TM-77922-0] p0229 A79-16812

An investigation into the pressure distributions over a wing and store combination at low speeds
[BS 226] p0431 A79-23054

Weapon/aircraft interactions
p0556 A79-27205

Wing/store flow-field measurements at transonic speeds using a laser velocimeter
[AD-A056328] p0590 A79-29149
A helicopter high definition rotor blade radar
p0656 A79-30207

EXTERNAL SURFACE CURRENTS

Surface current injection techniques - A theoretical investigation --- for simulating EMP-induced aircraft responses
p0336 A79-30155

Inflight utilization of an optical fiber transmission system on a Pavo 10 aircraft
p0376 A79-20866

EXTERNALY BLOWN FLAPS

AT UPPR SURFACE BLOWN FLAPS

Aerodynamic development of a high pressure leading edge blowing boundary layer control system
[AIAA PAPER 79-0116] p0141 A79-19542

Effect of spanwise blowing on the aerodynamic characteristics of the P-5E
[AIAA PAPER 79-0116] p0141 A79-19542
F-101 engine derivative work advances
F-16 high angle of attack testing
F-16 high angle of attack testing
F-16 multi-national fighter
F-16 advanced electronic pod field-of-view data base and analysis
F-16 electronic maintenance concept and validation
F-16 depot automatic test equipment
F-16 flight control system redundancy concept
Investigation of the YF-16 in high angle of attack asymmetric flight
Aerodynamic characteristics of forebody and nose strakes based on F-16 wind tunnel test experience
F-16 multi-national fighter
F-16 high angle of attack testing
F-16 advanced electro-optical pod field-of-view simulation study—task complexity during laser guided weapons delivery
Design guidelines for the application of forebody and nose strakes to a fighter aircraft based on F-16 wind tunnel testing experiment
Energy maneuverability display validation
F-16 aircraft
Aerodynamic characteristics of forebody and nose strakes based on F-16 wind tunnel test experience
Systems implications of active controls
F-101 AIRCRAFT
F-102 AIRCRAFT
F-103 AIRCRAFT
F-104 AIRCRAFT
F-105 AIRCRAFT
F-106 AIRCRAFT
F-111 AIRCRAFT
F-17 AIRCRAFT
F-18 AIRCRAFT
F-22 AIRCRAFT
F-23 AIRCRAFT
F-24 AIRCRAFT
F-26 AIRCRAFT
F-27 AIRCRAFT
F-28 AIRCRAFT
F-29 AIRCRAFT
F-30 AIRCRAFT
F-31 AIRCRAFT
F-32 AIRCRAFT
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F-75 AIRCRAFT
F-76 AIRCRAFT
F-77 AIRCRAFT
F-78 AIRCRAFT
F-79 AIRCRAFT
F-80 AIRCRAFT
F-81 AIRCRAFT
F-82 AIRCRAFT
F-83 AIRCRAFT
F-84 AIRCRAFT
F-85 AIRCRAFT
F-86 AIRCRAFT
F-87 AIRCRAFT
F-88 AIRCRAFT
F-89 AIRCRAFT
F-90 AIRCRAFT
F-91 AIRCRAFT
F-92 AIRCRAFT
F-93 AIRCRAFT
F-94 AIRCRAFT
F-95 AIRCRAFT
F-96 AIRCRAFT
F-97 AIRCRAFT
F-98 AIRCRAFT
F-99 AIRCRAFT

FAILURE MODES

helicopter components

The electro-impulse de-icing method --- aircraft
structures [80-227] p0433 N79-23072

Failures in adhesively bonded structures
[80-2345] p0484 N79-23455

Aircraft transparency failure and logistical cost
analysis. Volume 2: Design data and
maintenance procedures
[AD-A0667201] p0522 N79-29173

Aircraft transparency failure and logistical cost
analysis. Volume 3: Transparency analysis
[AD-A0667211] p0523 N79-29174

An analysis of a programmed load fatigue failure
[NSR-78-70708] p0559 N79-29562

EXHAUSTS

Improved ballistic damage tolerant design through
laminated metal construction
[5014 N79-10912

Operational influences on maintainability
[5007 N79-15982

Filtration effects on ball bearing life and
condition in a contaminated lubricant
[ASME PAPER 78-DOE-34] p0199 N79-23246

The problem of espension snap-through
[5038 N79-32041

Lusaka accident report
[50642 N79-50109

On the espension snap-through problem
[50666 N79-54045

Failure modes and redundancy analysis for the
Multifunction Inertial Reference Assembly (MIRA)
[AD-A067445] p0252 N79-16834

FAR CHILD MILITARY AIRCRAFT

FAIRCHILD MILITARY AIRCRAFT

The Fairchild can-opener - Shurtovik of the
eighties
[50459 N79-36773

Driftdown calculations for the FB/2270 aircraft
[SAND-78-1807] p0653 N79-30182

FAIRCHILD MILITARY AIRCRAFT

Optimum tail fairings for bodies of revolution ---
computerized design
[AD-A067927] p0539 N79-26031

FAN IN WING AIRCRAFT

Development of V/STOL aircraft - 1950 to 1970
[50604 N79-47606

FANLIFT DEVICES

U- LIFT FANS

FANS

Reduction of rotor-turbulence interaction noise in
static fan noise testing
[50270 N79-26925

Test methodology correlation for foreign object
damage
[AD-8005732] p0565 N79-12093

Structural analysis of hollow blades: Torsional
stress analysis of hollow fan blades for
aircraft jet engines
[HAL-TR-533] p0241 N79-17261

Performance of two-stage fan having
low-aspect-ratio first-stage rotor blading
[NSR-PF-1461] p0551 N79-27143

FAR FIELDS

Aircraft antenna pattern measurements using near
field techniques
[50247 N79-24721

Separation of core noise and jet noise
[IAIA PAPERS 79-0589] p0272 N79-26941

The influence of propeller design parameters on
far field harmonic noise in forward flight
[IAIA PAPERS 79-0609] p0317 N79-28959

The derivation of a thickness noise formula for
the far-field by Ison --- applied to helicopter
rotors
[80-1040 N79-35449

The aerodynamic and thermodynamic characteristics
of fountain and some far field temperature
distributions --- vertical takeoff aircraft
ground effect
[AD-A061335] p0232 N79-16843

FARM CROPS

Study of future world markets for agricultural
aircraft
[NSR-CR-159337] p0377 N79-21000

FAST FOURIER TRANSFORMATIONS

Transform domain processing for digital
communication systems using surface acoustic
wave devices
[50675 N79-31882

A new approach to the solution of large, full
matrix equations: A two-dimensional potential
flow feasibility study
[NSR-CR-37173] p0676 N79-31533

FASTENERS

NT BOILS

An evaluation of coatings for steel and titanium
alloy fasteners for aircraft applications
[50342 N79-23242

FAUTIC (BIOLOGY)

NT FLIGHT FAULTIC

FAUTIC (MATERIALS)

NT BENDING FAULTIC

NT METAL FAULTIC

NT STRUCTURAL STRAIN

NT THERMAL FAUTIC

Fatigue strength of airplanes and modern
structural designs
[DOLE PAPER 78-176] p0151 N79-29018

Effect of CFBP technology on structural design and
fatigue behavior of modern fighter aircraft
[DOLE PAPER 78-179] p0151 N79-29020

Bibliography on the fatigue of materials,
components and structures. Volume 2 - 1951-1960
--- Book
[50192 N79-21725

Four lectures on fatigue crack growth
[50251 N79-25488

Fretting fatigue, with reference to aircraft
structures
[SAP PAPER 79061] p0456 N79-36741

Designing with damping materials to reduce noise
and structural fatigue --- of aircraft components
[SAP PAPER 790631] p0458 N79-36758

Determination of sample size in flight loads
programs --- for aircraft structures
[50561 N79-44454

Evaluation of a crack-growth gage for monitoring
possible structural fatigue-crack growth
[50562 N79-44458

Flight-by-flight spectrum development --- sequence
stress analysis for aircraft structures
[50569 N79-44460

Methods of gust spectra prediction for fatigue
damage
[50563 N79-44461

Lusaka accident report
[50642 N79-50109

Probability that the propagation of an undetected
fatigue crack will not cause a structural failure
[AD-506361] p0596 N79-11439

Investigation into the effect of residual stresses
on fatigue strength and measurement of residual
stresses, with special reference to aircraft
classification

Some engineering property comparisons for 7050 and
4340 die forgings
[50239 N79-16988

Influence of corrosion damage on fatigue crack
initiation
[50242 N79-17269

Introduction to fracture mechanics --- crack
initiation and stress corrosion cracking of aircraft
structures
[50245 N79-20410

Fatigue crack growth --- aircraft reliability
[50237 N79-20412

Fatigue crack growth analysis
[50237 N79-20415

Review of aeronaumatic fatigue investigations in
the Netherlands during the period March 1977 -
February 1979
[50387 N79-21448

Definition and non-destructive detection of
critical adhesive bond-line flaws
[AD-A065584] p0488 N79-24163

Non-destructive methods for the early detection
of fatigue damage in aircraft components
[50502 N79-24417

An analysis of the low cycle fatigue behavior of
the superalloy Rene 95 by strainrange partitioning
[AD-A0682521] p0596 N79-29295
SUBJECT INDEX

FATIGUE TESTS

FATIGUE LIFE

Method for determining maximum allowable stress for preliminary aircraft wing design

Saturation of defects in the case of nonisothermal programmed loads --- for supersonic transport propulsion system components

Processing a random loading process by computer to obtain life information --- in-flight critical stress measurements in aircraft wing structures

A probability estimate of the long-term strength of aviation gas-turbine rotor blades

Operation of long-service-life gas-turbine engines as a function of the technical state

Fracture mechanics problems for gas turbine engine structures

Structural Integrity Recording System for helicopters

Fatigue life estimation methods for helicopter structural parts

A cumulative fatigue damage model for gas turbine engine disks subjected to complex mission loading

Statistical influence of size and configuration --- on fatigue strength of structural members of transport aircraft

Filtration effects on ball bearing life and condition in a contaminated lubricant

Design against fatigue -- Current trends --- for aircraft structural reliability

Fatigue reliability of multiple-amplitude loads

Gust spectrum fatigue crack propagation in candidate skin materials

The strainrange partitioning behavior of an advanced gas turbine disk alloy, AF-2-30A

Estimation of fatigue life of Al-alloy used for compressor disc of jet engine

Allowable notch effectivity criterion for aircraft structures

LCF life prediction for a flight-by-flight load sequence of a turbine disc --- Low Cycle Fatigue

Long-life GTF operation based on technical condition --- Gas Turbine Engine

Helicopter component environmental vibration testing -- The poor man's fatigue test

Low-cycle fatigue of thermal-barrier coatings at 982 deg C

Damage tolerance analysis of redundant structures --- transport aircraft structures

The effect of sheet edge working on the fatigue life under flight-simulation loading

Helicopter fatigue. A review of current requirements and substantiation procedures

US Army helicopter fatigue requirements and substantiation procedures

Helicopter fatigue evaluation. The UK approach

Fatigue life estimation methods for helicopter structural parts

Present fatigue analysis and design of helicopters requirements and qualification procedures

Three-dimensional finite-element techniques for gas turbine blade life prediction

Application of engine usage analysis to component life utilization

Review of the AGARD S and M panel evaluation program of the NASA-Lewis SRP approach to high-temperature LCF life prediction

Effect of variances and manufacturing tolerances on the design strength and life of mechanically fastened composite joints

Fatigue life of various riveted joints during flight simulation tests

Structural life prediction and analysis technology

Fatigue testing machines

Installation for studying fatigue strength of materials in acoustic loading --- for aircraft skins

FATIGUE TESTS

Composite rotor hub, I, II --- fatigue and load tests for CH-54A helicopter design

Torsion welding of YAR-64 main rotor drive shaft

Monitoring of fatigue loading on rotor system and related components

Determination of the fatigue strength of heavily stressed components of the Alpha-Jet

Crack-free and cracked life of the pressurized cabin of the A 300 E - Calculation, tests and design measurements to improve damage tolerance

Composite components under impact load and effects of defects on the loading capacity

Unstable subsynchronous critical speed solution --- of shaft failures in F-16 engine start system

A system which uses a laser beam to control the regime of vibration tests with turbine and compressor blades

Fatigue data on a variety of non-woven glass composites for helicopter rotor blades

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State of the art in aircraft loads monitoring
FEASIBILITY ANALYSIS

- Feasibility demonstration of a vertical seeking cost steering system

- Feasibility study of GPS-inertial navigation for helicopters and study of advanced GPS signal processing techniques, volume 3

FAULT MECHANICS

- Evaluation of a crack-growth rate force monitoring system

- Fatigue and fracture

- A sensitivity analysis for the P100 turbofan engine pressure ratio feedback signals

- A rotating stall control system for a turboprop engine

- Design of proportional-plus-integral controllers for multivariable systems

- An elementary explanation of the flutter mechanism with active feedback controls

- The role of the backside parameter in height control

- Multivariable control design principles applied to a variable cycle turbofan engine

- Variations analysis for the P100 turboshaft engine using the multivariable Nyquist array --- feedback control design

- Flight testing the F100 engine

- Design of proportional-plus-integral controllers for multivariable systems

- An elementary explanation of the flutter mechanism with active feedback controls

- The role of the backside parameter in height control

- Multivariable control design principles applied to a variable cycle turbofan engine

- Cost alleviation - Criteria and control laws

- Design criteria for optimal flight control systems
FIBER OPTICS

- FIAT G-91
- FPT
- FIBER COMPOSITES
- FIAT AIRCRAFT
- NT GLASS FIBER REINFORCED PLASTICS
- NT CARBON FIBER REINFORCED PLASTICS

U G-91 AIRCRAFT
- U PAST FOURI3R TRANSFORMATIONS

The air-superiority fighter
- Propulsion concepts for future fighter aircraft
- Development of anti-C valves for high performance

New technologies as basis for development of

Engine requirements for the next generation of

Aircraft -fiber-optic interconnect systems project

Metal-matrix composite structures

Aircraft installation processes

Program BVV - A wing structural optimization computer program for preliminary design of

flight and propulsion control integration for

selected in-flight thrust vectoring modes

Program BVV - A wing structural optimization computer program for preliminary design of fighter aircraft

Parametric investigation of vertical canards at

selected in-flight thrust vectoring modes

Aircraft engine design:

The fibre composite helicopter blade

High strength fibers for lighter-than-air craft

Aerodynamic behavior of fibres and sampling of respirable dust

Model 206L composite litter door

Certification of composites in civil aircraft

Direct effects, protection methods for thin skin/Composites --- lightning protection for aircraft

Composites important to Black Hawk --- HB-6OA helicopter

Composite structural materials

New concepts in aircraft journal bearings

Nondestructive evaluation of fiber reinforced epoxy composites: A state-of-the-art survey --- applicable to helicopter structures

FIBER OPTICS

Military fiber optics applications

An optical-fiber multiterminal data system for aircraft

Fly-by-light

Helmet mounted display and night development

Optical control technology --- for helicopters-fiber-optic data transfer

Manufacturing technology for fiber optic bundle cabling --- electric cables for aircraft

Fiber optics use in the P-3C aircraft. A fiber optic interconnect system for computer controlled alphanumeric displays in a P-3C aircraft

Airborne fiber optics manufacturing technology.

Aircraft installation processes

La Revue Aerospatiale. Bi-monthly Bulletin No. 1978-3

Inflight utilization of an optical fiber transmission system on a Falcon.10 aircraft

Applicability of fiber optics to aircraft fire detection systems

Aircraft fiber-optic interconnect systems project

PIPER CRUSHER

Metal-matrix composite structures

Military fiber optics applications

High strength fibers for lighter-than-air craft

High strength fibers for lighter-than-air craft

PIPER THUNDER

High strength stitching for aircraft personnel restraint systems

High strength fibers for lighter-than-air craft

PIPER TRIDENT

U GLASS FIBERS

U FIBERS

MT CARBON FIBERS

MT DACON (TRADEMARK)

MT GLASS FIBERS

MT METAL FIBERS

MT NYLON (TRADEMARK)

MT REINFORCING FIBERS

Aircraft -fiber-optic interconnect systems project

Applicability of fiber optics to aircraft fire detection systems

Aircraft fiber-optic interconnect systems project

PIPER VANGUARD

High strength stitching for aircraft personnel restraint systems

High strength fibers for lighter-than-air craft

PIPER SKYWIND

U GLASS FIBERS

U FIBERS

U FIBER OPTICS

U FIBER OPTICALS

U FIGHTER AIRCRAFT
FIGHTER AIRCRAFT CAPABILITIES

Design study results of a supersonic cruise fighter wing (AIAA Paper 79-0062) p0139 A79-19512
Effect of CFD technique on structural design and fatigue behavior of modern fighter aircraft (AIAA Paper 78-179) p0151 A79-20020
Thoughts on the future of military aviation (I) (DGRI Paper 78-184) p0151 A79-20025
Estimation of the useful life of the lower chord of the girders of the PC-7 Turbo Trainer (DGRI Paper 78-158) p0164 A79-20498
Advanced weapons carriage concepts through integrated design - -- for aircraft (AIAA Paper 79-0091) p0201 A79-22634
The logistics of life cycle cost --- in operations and support systems for fighter aircraft p0205 A79-23628
Temperature/humidity criteria for advanced composite structures p0211 A79-24131
The prediction of fatigue crack growth under flight-by-flight loading p0251 A79-25482
Fundamentals of design. I - 'Wings' and 'whatfor' of wings p0251 A79-25485
Applying design-to-life cycle cost methods during engine advanced development (SAE Paper 78103) p0257 A79-25902
Ski-jump - A great leap for tactical airpower --- V/STOL jet launching from upward-inclined ramp (AIAA 79-0696) p0276 A79-27361
Supersonic combat aircraft design (AIAA 79-0699) p0276 A79-27363
Recent developments in active control technology --- for fighter aircraft design (AIAA 79-0708) p0277 A79-27368
Enhanced capabilities of future fighters as a result of HIMAT (AIAA 79-0698) p0277 A79-27370
Multimode radar processor --- for combat aircraft p0280 A79-28050
Aerodynamic tailoring studies in fighter aircraft design (AIAA 79-0725) p0282 A79-28257
Changing criteria in military aircraft design - The 67th Wilbur and Orville Wright Memorial Lecture/ (AIAA 79-0741) p0315 A79-28432
Statistical analysis of aircraft maneuvering data (AIAA 79-0741) p0319 A79-29013
Adaptive control of wing store flutter - A feasibility study (AIAA 79-0785) p0322 A79-29033
Decoupler pylons - a simple, effective wing/store flutter suppressor --- in fighter/attack aircraft (AIAA 79-0791) p0322 A79-29035
Aircraft wake flow effect and horizontal tail buffet --- pressure distribution and response of fighter aircraft in transonic maneuvers p0328 A79-30487
Future tactical fighter requirements - A propulsion technology update (ASNE Paper 79-0244) p0340 A79-30523
Aerodynamics of engine air intakes p0346 A79-31612
Flying the Avro Arrow --- Canadian fighter aircraft tests p0346 A79-31612
Unique crew escape concepts for ATS mission aircraft p0363 A79-33634
An experimental passive microwave attitude measurement system for escape system steering The results of synthesizing and evaluating potential solutions for Multi-Function Inertial Reference Assembly (MIRA) candidate configurations --- for transport and fighter aircraft (AIAA 79-33637) p0368 A79-36082
The British Aerospace Barrier: Case study in aircraft design --- Eec (AIAA Paper 79-3664) p0369 A79-36644
Control considerations for CCV fighters at high angles of attack p0369 A79-37295
Reliability and maintainability contribution to Hornet mission success p0377 A79-37915
Preparing for the TEF 90 p0401 A79-40326

Can Europe choose a common fighter aircraft design? III - V-G for combat aircraft p0512 A79-41209
Fundamentals of design. III - V-G for combat aircraft p0536 A79-43725
Flight spectra development for fighter aircraft p0562 A79-44549
Derivation of flight-by-flight spectra for fighter aircraft --- stress analysis for ground attack (AIAA 79-4462) p0563 A79-44842
Test simulation of fighter aircraft maneuver load spectra p0563 A79-44843
The extremal trajectory map - A new representation of combat capability (AIAA 79-1622) p0566 A79-45304
Approximate trajectory solutions for fighter aircraft (AIAA 79-1623) p0566 A79-45305
An analysis of operational procedures and design modifications for aircraft fuel conservation (AIAA 79-1656) p0568 A79-45320
Effects of spanwise blowing on two fighter aircraft configurations (AIAA 79-1663) p0568 A79-45330
An introduction to co-tail probability estimation in the R on R encounter --- during combat aircraft maneuvers (AIAA 79-1729) p0571 A79-45373
Direct nosecode flight control for a vectored lift fighter (AIAA 79-1748) p0571 A79-45386
Development of the Navy B-Dot Automatic Carrier Landing System designed to give improved approach control in air turbulence (AIAA 79-1752) p0572 A79-45401
Initial results of an inflight simulation of augmented dynamics in fighter approach and landing (AIAA 79-1783) p0572 A79-45410
Demonstration of aircraft wing/store flutter suppression systems p0574 A79-46238
Water tunnel flow visualization - Insight into complex three-dimensional flow fields --- around fighter aircraft (AIAA Paper 79-1550) p0576 A79-46712
Analysis of optimal loop and split-S by energy state modeling (AIAA 79-1479) p0592 A79-47098
Design of advanced titanium structures --- for Advanced Tactical Systems aircraft (NASA CB 152130) p0606 A79-47990
The nonaxisymmetric nozzle - It is for real -- supersonic fighter aircraft (NASA CB 152130) p0607 A79-47993
From HIMAT to future fighters --- Highly Maneuverable Aircraft Technology assessment (NASA Paper 79-1918) p0607 A79-47996
Benefits of aerodynamic interaction to the three surface configuration (NASA Paper 79-1810) p0608 A79-47997
User requirements for future combat search and rescue vehicles (NASA Paper 79-1830) p0608 A79-47998
Airborne microwave ECM p0637 A79-49554
A CO2 laser for a compact imaging radar (NASA CB 152130) p0648 A79-51451
Nozzle design and integration in an advanced supersonic fighter (AIAA 79-1813) p0655 A79-51707
Results of power systems study advanced fighter/attack and V/STOL aircraft p0656 A79-51915
Study of aerodynamic technology for V/STOL fighter/attack aircraft: Horizontal attitude control (NASA CB 152130) p0666 A79-51919
An examination of the factors affecting the thrust requirements and the hover and short takeoff performance of several jet V/STOL fighter concepts p0668 A79-51920
A study of the effects of rotation on aircraft (NASA AIAA Paper 79-1830) p0668 A79-51920
An analysis of the factors affecting the thrust requirements and the hover and short takeoff performance of several jet V/STOL fighter concepts p0668 A79-51924
An examination of the factors affecting the thrust requirements and the hover and short takeoff performance of several jet V/STOL fighter concepts p0668 A79-51924
Development of a high temperature rotary actuator for aircraft hydraulic systems A-194
Design charts and boundaries for identifying departure resistant fighter configurations.


Some factors affecting the dynamic stability of fighter aircraft at high angles of attack.

Identifications of aerodynamic characteristics at Mach numbers from 0.60 to 2.70 of two supersonic cruise fighter configurations.

Digital fly-by-wire and the CCV YF-16 aircraft.

Design considerations for implementing integrated mission-laiden flight control systems.

Experimental aerodynamic characteristics at Mach numbers from 0.60 to 2.70 of two supersonic cruise fighter configurations.

Development of an airborne military system (MPCA) system.

Aerodynamic characteristics of a fighter-type configuration during and beyond stall.

Prediction of lateral aerodynamic loads on aircraft at high angles of attack.

Intake design and intake/airframe integration for a post-stall fighter aircraft concept.

Wind tunnel test at low speeds of a dorsal air intake on a fighter configuration.

Development of an airborne military system (MPCA) system.

Research on visual display integration for advanced fighter aircraft.

Enhanced fighter mission effectiveness by use of integrated flight systems.

Improvement of fighter aircraft maneuverability through employment of control configured vehicle technology.

Lateral stability at high angles of attack, particularly wing rock.

Stall behaviour evaluation from flight test results.

Open/closed loop identification of stability and control characteristics of combat aircraft.

Design guidance from fighter CCV flight evaluations.

Wind tunnel investigation of an armed mini remotely piloted vehicle --- conducted in Langley V/STOL tunnel.

Investigation of roll performance for a highly nonlinear statically unstable fighter-type aircraft.

FILAMENT WINDING

Filament wound main rotor blade - The Army's new production blade for the AH-1.

The 214 fiberglass blade - Design for inspectability.

Spacewound composite structures.

FILAMENT WOUND CONSTRUCTION

U FILAMENT WINDING

FILTRATION

Research on centrifugal effects on turbine rotor blade cooling by augmented backside convection.

Research on air-cooled high-temperature turbine blades.

Account of film turbulence for predicting film cooling effectiveness in gas turbine combustors.

Effect of shocks on film cooling of a full scale turboprop exhaust nozzle having an external expansion surface.

Particle trajectories near an airfoil with a film-cooled leading edge.

Research on centrifugal effects on turbine blade film cooling.

Airfoil cooling hole plugging by combustion gases.

Effect of shocks on film cooling of a full scale turboprop exhaust nozzle having an external expansion surface.

Laminated turbine blade design and fabrication.

FILTERING


FILTERATION

Cyclic leakage of finite elements with application to aircraft structural analysis

Application of an interactive graphics system for the design and optimization of aircraft lifting surfaces

Finite element analysis of fatigue crack growth in aircraft components

Finite element analysis of the shear-lag problem

Finite element dynamic analysis of production aircraft --- for rotor induced helicopter airframe vibrations

Application of the finite element method to rotary-wing aerelasticity --- in helicopter hovering flight

The calculation of two-dimensional compressible potential flow in cascades using finite area techniques

Finite element methodology results compared with experimental data for a severely deformed wing in transonic flow

A low-frequency aerelastic element method and its application to the harmonic gust response analysis of a flexible airplane

An integrated quasi-3D finite element calculation program for turbomachinery flows

Adaptive approximations in finite element structural analysis --- for aircraft components

A shock capturing application of the finite element method --- to viscous compressible flow problems

Analysis of longitudinal natural vibrations of deformable aircraft by the finite-element method

Wave propagation in ducts using the finite element method --- for aircraft noise reduction

A finite element subvolume technique for structural-borne interior noise prediction --- in aircraft

Crash simulation of composite and aluminum helicopter fuselages using a finite-element program

Transient temperature distribution in cooled turbine blades

Transonic flow computations by finite elements --- for aircraft components

The finite element method for turbomachinery analysis --- subsonic compressible flow

Designing, calculating, and manufacturing by means of data processing --- computer techniques for mechanical constructions

Some observations on the local instability of orthotropic structural sections

A finite element approach to subsonic aerodynamics

Nonlinear structural crash dynamics analyses

Simplified calculation method for subsonic airloads on wing-body combinations

Finite-element approach to compressor blade-to-blade cascade analysis

Application of finite-element and holographic techniques in the design of turboshaft engine components

Evaluation of finite element formulations for transient condensation forced-convection analysis
Evaluation of ground-launch firings for the improved 2.75-inch rocket
([AIAA PAPER 79-1257])
p0071 A79-39027
Experimental investigation of wing fin configurations for alleviation of vortex wakes of aircraft
([NASA-TM-78520])
p0086 A79-12018
The development of a parametric method of measuring fin fatigue loads based on flight measurements on a lightning Nk.T5
([ARC-8/P-3824])
p0220 A79-15956
Effects of a military cargo pod and tail fins on the aerodynamic characteristics of a large wide-body transport model
([NASA-TM-80052])
p0363 A79-20101
Low-speed wind-tunnel investigation of wing fins as trailing-vortex-alleviation devices on a transport airplane model
([NASA-T9-1453])
p0092 A79-24961
Effect of outboard vertical-fin position and orientation on the low-speed aerodynamic performance of highly swept wings --- supersonic cruise aircraft research
([NASA-TN-80142])
p0701 A79-32158

FIRE CONTROL
Application of an extended Kalman filter to an advanced fire control system
p0070 A79-15018
General principles of automatic video trackers. II - Area trackers
p0071 A79-15159
Reliability growth planning to achieve RIW/GNTBF requirements for an airborne radar
p0248 A79-29465
STAPACKS - A millimeter wave radar fire control system
p0274 A79-27144
Estimation of target elevation angle from 2-D radars --- for shipboard fire control
p0274 A79-27145
Head-up Display and Weapon Aiming Computer /HUD/WAC/ systems for the Sea Barrier
p0332 A79-29482
A status report on the advanced FIREFLY assessment program
p0615 A79-48609
Multisensor integration for defensive fire control surveillance
p0615 A79-48610
Measuring metres to the target
p0694 A79-53723
Analysis of the projected operational effectiveness of defensive weapon control avionics hardware
([AD-A058555])
p0102 A79-13040
Flight test results of a virtual image, pantograph mounted, control and display station
([AD-A070290])
p0706 A79-32207
Array aircraft fire control systems performance evaluation
([AD-A070758])
p0715 A79-33194

FIRE Damage
Laboratory fire testing of cabin materials used in commercial aircraft
p0211 A79-24177
Effects of boron and glass hybrid epoxy-composites on graphite-fiber release in an aircraft fire
p0531 A79-43272
Flamability of cabin furnishing materials --- in airliner interiors
p0693 A79-53722
Douglas Aircraft cabin fire tests
p0087 A79-12031

FIRE Extinguishers
Fuel on fire - Rapid response to a military problem
p0462 A79-38090
New agents for the extinguishment of magnesium fires
([AD-A061668])
p0106 A79-19122

FIRE FIGHTING
Aircraft fire protection and rescue procedures /2nd edition/ --- Book
p0252 A79-25750
CFH Vehicle design and performance objectives --- Crash Fire Rescue
p0401 A79-33612
Comparative nozzle study for applying aqueous film forming foam on large-scale fires
([AD-A058562])
p0105 A79-13064

FIRE FIGHTING
Aircraft fire protection and rescue procedures /2nd edition/ --- Book
p0252 A79-25750
CFH Vehicle design and performance objectives --- Crash Fire Rescue
p0401 A79-33612
Comparative nozzle study for applying aqueous film forming foam on large-scale fires
([AD-A058562])
p0105 A79-13064
FIRE PREVENTION

A review of certificated airport crash fire rescue service criteria
[AD-1053110] p0167 N79-14116
Full-scale fire modeling tests of a compact rapid response foam and dry chemical powder dispensing system
[FAR-BA-78-24] p0289 N79-17825
Fuselage ventilation under wind conditions
p0667 N79-31175

FIRE PREVENTION

Ignition characteristics of some aircraft interior fabrics
p0126 N79-19302
Preventing fires in airport fuel systems
p0068 N79-34923
Crash-resistant fuel systems for general aviation aircraft
[SAE PAPER 790952] p0855 N79-36726
Survivability in aircraft fires - New standards are needed
p0462 N79-38091
Recent advances in fire resistant materials in aircraft construction
p0530 A79-43269
Aircraft passenger seat material development for fire resistance
p0530 N79-43271
Preventing fires in aviation fuel storage and transport systems - II
p0536 N79-43733
Conference on Fire Resistant Materials (FIREMEN):
A compilation of presentations and papers
[NASA-EM-78523] p0067 N79-12029
The 737 aircraft flammability testing
p0067 N79-12030

OVERVIEW OF FIREMEN progr at Ames Research Center
p0068 N79-12040
Development of aircraft lavatory compartments with improved fire resistance characteristics
p0088 N79-12041
Development of fire-resistant, low smoke generating, thermally stable end items for aircraft and spacecraft
p0088 N79-12043
Fire resistant aircraft seat materials
p0088 N79-12044
Fabrics for fire resistant passenger seats in aircraft
p0088 N79-12045
Enclosure fire modeling
p0088 N79-12046
Model fire tests on polyphosphazene rubber and polyvinyl chloride (PVC)/nitrile rubber foams
p0088 N79-12047
Aircraft engine nssr fire mitigation, phase 2
Development of fire test methods for aircraft interior materials
Applicability of fiber optics to aircraft fire detection systems
[AD-4059974] p0428 N79-22882

FLIGHT 2 TARGET DRONE AIRCRAFT
The development of the LST 2 remotely piloted research vehicle for flight testing an active flutter suppression control system
[NASA-CP-144881] p0291 N79-17849

FIREFIGHTING

Conference on Fire Resistant Materials: A compilation of presentations and papers
[NASA-CP-20994] p0666 N79-31166

FIREFIGHTING

Development of lightweight, fire-retardant, low smoke, high strength, thermally stable aircraft floor paneling
p0087 N79-12033
Thermoplastics for aircraft interior
p0088 N79-12034
Study to develop improved fire resistant aircraft passenger seat materials, phase 2
Development of aircraft lavatory compartments with improved fire resistance characteristics, phase 1
1. Fire containment test of a wide body aircraft lavatory module
Conference on Fire Resistant Materials: A compilation of presentations and papers
[NASA-CP-20994] p0666 N79-31166

SUBJECT INDEX

Development of fire-resistant, low smoke generating, thermally stable end items for commercial aircraft and spacecraft using a basic polyamide resin
p0666 N79-31171
Fire resistant aircraft seat program
p0667 N79-31176
A review of Boeing interior materials and fire test methods development programs
p0667 N79-31177
FIREFMEN program
p0667 N79-31178

FIRE EXTINGUISHMENT

Conference on Fire Resistant Materials (FIREMEN):
A compilation of presentations and papers
[NASA-EM-78523] p0067 N79-12029
Douglas Aircraft cabin fire tests
p0067 N79-12031
Fire testing in the Boeing 707 cabin section
p0087 N79-12032
Dayton aircraft cabin fire model validation, phase 1
[AD-A058257] p0089 N79-12050
Pressure modeling of vertically burning aircraft materials
[FC78-BA-29] p0238 N79-16932
Pool fire radiation through a door in a simulated aircraft fuselage
[FAR-BA-78-18] p0295 N79-17966
New agents for the extinguishment of magnesium fires
[AD-1061664] p0306 N79-19112
End-to-end testing --- to verify electrical equipment failures due to carbon fibers released in aircraft-fuel fires
p0067 N79-22204
Ignition of fuel sprays by hot surfaces and stabilization of aircraft fires
[AD-1066353] p0041 N79-23181
Conference on Fire Resistant Materials: A compilation of presentations and papers
Airport flammability, full scale fire tests
p0666 N79-31167
Seat test program
p0666 N79-31168
Recent advances in materials toxicology
p0666 N79-31169
Status of candidate materials for full-scale tests in the 737 fuselage
p0666 N79-31170
Global enclosure fire modeling with applications
p0667 N79-31172
Enclosure fire dynamics model
p0667 N79-31173
Development of aircraft lavatory compartments with improved fire resistance characteristics.
Phase 2: Sandwich panel resin system development

FIREFIGHTING U FLAME PROPAGATION

FLIGHT (IGNITING)

ST PEAKING

FIREFIGHTING U IAW

FLIGHT WINGS

Advanced system design requirements for large and small fixed-wing aerial application systems for agriculture
[NASA-CP-158939] p0291 N79-17848
Summary of results for a twin-engine, low-wing airplane substructure crash impact condition analysis with program K-BUSW
[AD-1069117] p0549 N79-27116
Single engine, fixed wing general aviation accidents
[PB-299716/4] p0713 N79-33176

FLIGHT-WING AIRCRAFT

U AIRCRAFT CONFIGURATIONS

U FIXED WINGS

PLANES

FLIGHT WINGS

PLANES PROPS

FLIGHT WINGS

FLAP HOLDERS

Jet curtain flapholder for aircraft afterburners
[ASME PAPER 78-CP-95] p0007 N79-10761
Experimental study on the burning out of flapholders --- in ramjets
[AILA 79-70211] p0329 N79-29398
Landing gear augmentation for pregating, prewaporizing combustors
[AILA PAPER 79-1319] p0472 N79-39035

A-198
FLARED BODIES

The transonic oscillating flap

Flash point

Flash-fire propensity and heat-release rate

Subject Index

Flash point

FLANGED BODIES

The aerodynamic effectiveness of split flare stabilizers

Flat coaxial transmission lines

FLAT COAXIAL TRANSMISSION LINES

FLATTENED BODIES

Flash point

Flash-fire propensity and heat-release rate

FLAT PLATES

Measurements in three-dimensional turbulent boundary layer on a yawed flat plate induced by leading edge vortex

Experimental study of an asymmetric thermal wake

Trailing edge conditions for unsteady flows at high reduced frequency --- application of Kutta-Joukowski condition

Numerical solution for supersonic flow near the trailing edge of a flat plate

Radiating laminar boundary layer flow over a flat plate at a large free-stream Mach number

Near field problems in three-dimensional panel methods --- mathematical modeling of flow characteristics

Experiments in flat-plate supercritical flows --- an analytical study of flow characteristics

Aeroelastic properties of a flat plate with cavity for optical-propagation studies

FLAT SURFACES

Three-dimensional radiative heat-transfer problem with shading --- modeling aircraft components thermodynamics

Flow around a circular cylinder near a plane boundary

FLAT SURFACES

Flow around a circular cylinder near a plane boundary

FLAT SURFACES

Aerodynamic properties of a flat plate with cavity for optical-propagation studies

Experimental investigation of effects of jet deceleration rate on jet-induced pressures on a flat plate: Tabulated data

Three-dimensional radiative heat-transfer problem with shading --- modeling aircraft components thermodynamics

Flow around a circular cylinder near a plane boundary

FLAT SURFACES

Aerodynamic properties of a flat plate with cavity for optical-propagation studies

Experimental investigation of effects of jet deceleration rate on jet-induced pressures on a flat plate: Tabulated data

Near field problems in three-dimensional panel methods --- mathematical modeling of flow characteristics

FLAT SURFACES

Aerodynamic properties of a flat plate with cavity for optical-propagation studies

FLAT SURFACES

Aerodynamic properties of a flat plate with cavity for optical-propagation studies

FLAT SURFACES

Aerodynamic properties of a flat plate with cavity for optical-propagation studies

FLAT SURFACES

Aerodynamic properties of a flat plate with cavity for optical-propagation studies

FLAT SURFACES

Aerodynamic properties of a flat plate with cavity for optical-propagation studies

FLAT SURFACES

Aerodynamic properties of a flat plate with cavity for optical-propagation studies

Flexible bodies

Hydrodynamic propulsion by large amplitude oscillation of an airfoil with chordwise flexibility

The 1-4-1 system of jack movements for the flexible booms of supersonic wind tunnels

Optimizing gusttune engine flexible ror balancing by the LP-search method

Capabilities and applications of a computer program system for dynamic loads analyses of flexible airplanes with active controls (DYLOG/FL/ [AIAA 79-0763])

The balance of flexible rotors and their possible use in aero engines (AIAA 79-7014)

Accommodation of unbalanced flexible rotors through the critical speeds

On the balancing convergence of flexible rotors, with special reference to asymmetric rotors

Effective rigidity of a thin-walled bar

Laser balancing demonstration on a high-speed flexible rotor
SUBJECT INDEX

FLIGHT CONTROL

The Learjet 'Longhorn' series - The preliminary design, planning, and evaluation tasks
- Improved method of predicting helicopter control dynamics
- Application of parameter identification techniques to analysis of flight data
- British civil airworthiness requirements for airliners
- Flight spectra development for fighter aircraft
- Design criteria for optimal flight control systems
- AFFTC parameter identification experience - for Design criteria for optimal flight control systems
- Performance evaluation model 2141 helicopter with fiberglass main rotor blades
- Helicopter performance methodology at Bell Helicopter Textron
- A microprocessor system for flight control research
- Performance and maneuverability of a T-tail fighter configuration at high angles-of-attack
- Evaluation of selected class III requirements of military airplanes: flight control
- Flight experience with advanced controls and displays during piloted curved decelerating approaches in a powered-lift STOL aircraft
- Preliminary airworthiness evaluation NB-IB
- A theoretical and experimental means to predict icing accretion shapes for evaluating aircraft handling and performance characteristics
- Air Force Flight Test Center experience in the identificiation of stability and control parameters from dynamic flight test measurements
- Nonlinear parameter identification and its application to transport aircraft
- Flight test techniques for a transonic aircraft
- Behavior of a transport aircraft with a high aspect ratio wing at a high angle of incidence
- Engineer design test 1, Hughes YAH-64, advanced attack helicopter
- A study of the Sheriff's wing [JRL-215]
- A pilot's simulator study on augmentation systems to improve helicopter flying qualities in terrain flight

FLIGHT CONDITIONS

Coaxial jet noise in flight
- Aircraft guidance in the ATC sector - Problems and perspectives
- Air Force flight test center experience in the identification of stability and control parameters from dynamic flight test measurements
- Nonlinear parameter identification and its application to transport aircraft
- Flight test techniques for a transonic aircraft
- Behavior of a transport aircraft with a high aspect ratio wing at a high angle of incidence
- Engineer design test 1, Hughes YAH-64, advanced attack helicopter
- A study of the Sheriff's wing [JRL-215]
- A pilot's simulator study on augmentation systems to improve helicopter flying qualities in terrain flight

PROCEEDINGS OF AFDL FLYING QUALITIES SYMPOSIUM
- Analysis of digital flight control systems with flying qualities applications. Volume 1:
  - Executive summary
- Analysis of digital flight control systems with flying qualities applications. Volume 2:
  - Preliminary airworthiness evaluation RU-21 H guardrail V aircraft

STABILITY AND CONTROL ASPECTS OF THE CV-204C
- Aircraft response to windshears and downbursts
- Flying qualities and the fly-by-wire aeroplane
- Are today's specifications appropriate for tomorrow's airplanes?
- Flight performance of the TF-737-7B airplane at Kennedy Airport using TRSB/MIL guidance
- Limited airworthiness and flight characteristics evaluations model 2141 helicopter with fiberglass main rotor blades

FLIGHT COMPUTERS

U-2 AIRBORNE/SPACEBORNE COMPUTERS

FLIGHT CONTROL
FLIGHT CONTROL CONID

Future VSTOL requirements for omnidirectional low

Optoelectronic devices for flight vehicle control

Flight profile investigation for microwave landing system

Flight test results --- for 727 aircraft

Engineer's handbook of flight and radio equipment of airplanes and helicopters

Reconstructed flight control sensor signals via Luenberger observers

The role of the backside parameter in height control

The effects of a spin chute installation on spin characteristics --- of light general aviation aircraft

Electromechanical actuation for business aircraft

A comparison of hydraulic, pneumatic, and electro-mechanical actuators for general aviation flight controls

Thruster control for airships'

Structural adhesive bond repair of aircraft flight control surfaces

Singular perturbation techniques for on-line optimal flight path control

Gust alleviation using direct turbulence measurements

A simulator investigation of roll response requirements for aircraft with rate-command/attitude-hold flight control systems in the landing approach and touchdown

Folded shear plate control apparatus for aircraft steering and stabilization

A multi microprocessor flight control system design principles

Dual digital flight control redundancy management system development program

Direct force mode flight control for a vectored lift fighter aircraft

Minimum expected cost control of linear systems with uncertain parameters - Application to remotely piloted vehicle flight control systems

Design criteria for optimal flight control systems

Analytic redundancy for flight control sensors on the Lockheed L-1011 aircraft

Failure detection in signal processing and sensing in flight control systems

A status report on the advanced FIREFLY assessment program

Synthesis of digital flight control systems by the method of entire eigenstructure assignment

Terrain-following radar - Key to low-altitude flight

Analytical and experimental investigation of V-type wingage contribution to directional control in hover and forward flight

Special Joint Meeting on Helicopter Flight Controls, Arlington, Tex., October 11-13, 1976, Technical Papers

Military considerations for helicopter flight controls

Actuator and hydraulic survivability concepts for Hughes TAH-64

Fiberglass flight controls --- of helicopters

A multi microprocessor flight control system - Architectural concepts

Flight tests of a microprocessor control system

Aircraft radio equipment --- Russian book

Engineers handbook of flight and radio equipment of airplanes and helicopters

Reconstructed flight control sensor signals via Luenberger observers

A-202
Study of aerodynamic technology for V/STOL fighter/attack aircraft: Vertical attitude concept

Better performance for aircraft tracking and holding under gust and shearwind influence by use of direct digital control

Investigation of the YF-16 in high angle of attack asymmetric flight

A contribution to the increase of aircraft guidance precision under wind disturbance conditions by using direct digital control

Operational requirements for flight control and navigation systems for short haul transport aircraft

Investigation of the cross-slip comparison monitoring method of failure detection in the HNTK BBPW --- digital control techniques using airborne microprocessors

Feedback controlled aircraft sensitivity to parameter variations

Design and test of the 172K fluidic rudder

Digital symbology generator program

Design charts and boundaries for identifying departure resistant fighter configurations

A design method with application to prefilterers and sampling-rate selection in digital flight control systems

Feedback controlled aircraft sensitivity to parameter variations

Design and test of the 172K fluidic rudder

Digital symbology generator program

Design charts and boundaries for identifying departure resistant fighter configurations

A design method with application to prefilterers and sampling-rate selection in digital flight control systems

Analysis of digital flight control system with flying qualities applications. Volume 1: Executive summary

Analysis of digital flight control system with flying qualities applications. Volume 2: Technical report

Technical evaluation report on the 25th Guidance and Control Panel Symposium on guidance and Control Design Considerations for Low Altitude and Terminal Area Flight

A-203
FLIGHT CREWS
SUBJECT INDEX

Stability and control aspects of the CCV-F106C
Design guidance from fighter CCV flight evaluations
In-flight handling qualities investigation of various longitudinal short term dynamics and direct lift control combinations for flight path tracking using DFVLR BPE 320 variable stability aircraft
Flying qualities and the fly-by-wire aeroplane
Flight experience with advanced controls and displays during piloted curved decelerating approaches in a powered-lift STOL aircraft
The promise of multicyclic control --- to control fatiguing blade loads and rotor vibration
Investigation of roll performance for a highly nonlinear statically unstable fighter-type aircraft
Reliability improvement warranty terms and conditions for the Integrated Avionics Control Systems (IACS)
Helicopter high grain control
The design of digital controllers for the C-141 aircraft using entire eigensstructure assignment and the development of an interactive computer design program
Investigation of inverse Vandermonde matrix calculation for linear system applications --- adaptive flight control systems
Path controllers: Unification of concepts and comparison of design methods
The aim of helicopter crew information requirements
The prediction of helicopter crew information requirements
Aircrew experiences in USAF ejections, 1971 - 1977
Unique crew escape concepts for ATS mission aircraft
High strength stitching for aircraft personnel restraint systems
Crew escape concepts for advanced high performance aircraft
US Army aviation fatigue-related accidents, 1971 - 1977
Design procedure for an information transfer method CUBITS for allocating panel area for aircraft station controls and displays
The approach to crew protection in the crash environment for the TAH-64
Test and evaluation of modified high performance jet aircraft life preserver
Definition of requirements for a performance measurement system for C-5 aircrew members
Design procedure for aircrew station labeling selection and abbreviation
FLIGHT FATIGUE
US Army aviation fatigue-related accidents, 1971 - 1977
FLIGHT HAZARDS
Possible near-term solutions to the wind shear hazard
The unsafe zone for single engine helicopters --- height-speed envelopes at engine failure
Recent advances in indirect lightning effects research
Properties of induced transients associated with ER fields produced by lightning or other relatively slow rise-time EMP --- in aircraft
Aviation obstructions and the particular conditions for construction projects in the vicinity of airports
Parachute partial inversions
Stable boundary layer wind shear model for aircraft flight hazard definition
Analysis of bird strikes reported by European airlines 1972 to 1975
Birdstrike hazards to turbine-powered aircraft
Some statistical data on birds' strike to aircraft and helicopters over the territory of the Soviet Union
Ecological interpretation of bird-aircraft collisions on the Nice Cote d'Azur Airfield
Planning and control of bird hazard reduction at airports in the Transport Canada system
The use of falcons to disperse nuisance birds at Canadian airports – An update
Equipment and methods for dispersing birds used on French airfields
The incidence of bird strikes by aeroplanes at Entebbe Airport
Radar and bird-aircraft collisions
Bird strikes – An increasingly important problem in aviation safety
Bird strike on medium/large civil fan engines
Bird control – The experience of one aerodrome
Evaluation of an inquiry to pilots concerning their knowledge of the bird strike problem and experience of strikes
Measurement of ozone in an aircraft
Missed approach of commercial aircraft regarding wind shear in the ground boundary layer
Influence of delay time and dead time on wind shear landings
Conference on Certification of Aircraft for Lightning and Atmospheric Electricity Hazards, Chartillon-sous-Bagneux, Hauts-de-Seine, France, September 14-21, 1978, Proceedings
A new standard for lightning qualification testing of aircraft technical overview, definitions and basic waveforms
Vulnerability assessment of aircraft systems to indirect lightning effects
Static electricity phenomena – Theory and problems --- aircraft hazards
FLIGHT PERFORMANCE

deviation and pilot work load

 Singular perturbation techniques for on-line optimal flight path control

 [AIAA 79-1620] p0565 A79-45303

Earth-Referenced Maneuvering Flight Path Display

 [AIAA 79-1894] p0573 A79-45421

Analysis of optimal loop and split-s by energy

 [NASA-CR-2809] p0379 A79-46523

The aerial relay system - An energy-efficient solution to the airport congestion problem

 using cruise liner aircraft for in-air passenger transfer

 [AIAA PAPER 79-1865] p0610 A79-47921

A novel technique for obtaining aerodynamic data using simple, free flight trajectory measurements

 [NASA-TP-11499] p0613 A79-49051

Advances in deaccelerating steep approach and landing for helicopter instrument approaches

 NSEG: I segmented mission analysis program for


Variables characterizing the wind effects on an aircraft


A graph-theoretic method to quantify the airline route authority


Atlanta center upgraded third generation route system

 [AD-1056180] p0161 A79-14071

The dynamic stability in flight of spinning blunt body projectiles


Worst case time-histories causing largest deviations from a desired flight path: An analytical approach


A computer model for determining weapon release parameters for a helicopter in non-accelerated flight

 [AD-1062155] p0368 A79-20106

NEGO: A sequenced mission analysis program for low and high speed aircraft. Volume 3: Demonstration problems

 [NASA-TP-2809] p0378 A79-21001

Radar track correlation or reachable sets revisited: The reachable state

 [NASA-TP-2809] p0443 A79-23318

A study of course deviations during cross-country soaring

 [NASA-TP-2809] p0545 A79-27072

On global optimal sailplane flight strategy

 [NASA-TP-2809] p0545 A79-27073

Drift/drift calculations for the F8/227D aircraft

 [NAS-I-76-1807] p0653 A79-30182

Path controllers: Unification of concepts and comparison of design methods

 [AD-8702052] p0673 A79-31227

A review of some head-up displays formats --- tests on sensing equipment for flights following partly visible terrain close to the ground

 [NASA-TP-1499] p0716 A79-33201

FLIGHT RECORDERS

A technical review of the radar systems employed by Eurocontrol

 [AD-A062155] p0003 A79-10329

Display of flight plan information on electronic data display devices - A means for the enhancement of the capacity in air traffic control

 [NASA-TP-2809] p0117 A79-17694

Hardware and software structure of a coordination system for air traffic control on the basis of flight plan data

 [NASA-TP-2809] p0265 A79-26760

Air France’s Paris-Tokyo transpolar flight in 1978

 [NASA-TP-2809] p0397 A79-32583

Possibilities and limits of the application of estimation methods for development costs and equipment unit prices of flight systems in preliminary design, planning, and evaluation tasks

 [DGLR PAPER 79-052] p0517 A79-42348

Recommendations of the panels: Panel on flight planning to avoid high ozone

 [DGLR PAPER 79-02] p0380 A79-21024

Ozone Contamination in Aircraft Cabins

 [DGLR PAPER 79-023] p0577 A79-42351

FLIGHT SAFETY

Hazard criticality analysis --- with emphasis on aircraft components


Energy conservation in general aviation and operation and maintenance of Avco Lycoming piston engines

 [NASA-CR-2809] p0026 A79-12381

SAFETY Association, Annual Symposium, 15th, Las Vegas, Nev., December 5-8, 1977, Proceedings

 "Aircraft static charging testing

 [DGLR PAPER 79-02] p0026 A79-12381

Can government specified reliability and maintainability requirements for complex aircrew escape systems be met


Parachute partial inversions


Flight control safety - A total systems approach


Automated CRUSA/ILP monitoring and forecasting for air traffic safety enhancement - A progress report


Navigational systems requirements via collision risk model --- for aircraft


Improvement of safety for helicopter crews


Development trends in air traffic control


Conflict warning for the radar controller in air traffic control


Use of helicopter flight simulation for high-speed flight test predictions and flight test risk reduction


Integrated ATC development – the next decade: A Safety Board viewpoint


Control of the location of the center of gravity of loaded aircraft


Flight deck alarm systems


Safety of air transport


Aircraft static charging testing


Aviation safety - Pacts and fiction


Aircraft experiences in USAR elections, 1971-1977


Basis for an objective evaluation of the paratroop jumping reliability

 [NASA-CR-2809] p0402 A79-33619

Possibilities and limitations of air traffic control

 [NASA-CR-2809] p0402 A79-33619

MASTER PLAN

Master plan flight service station automation program


FLIGHT PERFORMANCE

An economical approach to an accident information retrieval system /AIRS/


FLIGHT RECORDERS

Statistical analysis of aircraft maneuvering data


Innovative developments in demonstrative evidence techniques and associated problems of admissibility


Microcomputer based flight data recorder/monitor with solid state memory


Flight termination receiver catalog


Recommendaions of the panels: Panel on in-flight measurements


Ozone Contamination in Aircraft Cabins


FLIGHT RULES

AERONAUTICAL INFORMATION DATA SUBSYSTEMS /AIDS/


Takeoff and landing ground rules


REFERENCES
Aircraft guidance in the ATC sector – Problems and perspectives  
[GOIN PAPER 79-0206]  
p0518 A79-42350

Pave Low III --- H-53 helicopter avionics for night/adverse weather rescue of military aircraft  
[p0619 A79-48682]

Determination of the probability of consequences of aircraft/system malfunctions in the evaluation of flight safety levels  
[p0687 A79-52144]

The determination of margins of safety for critical aircraft systems -- electronic equipment EMC  
[p0690 A79-52887]

Development, experimental verification and application of program REASS for general aviation airplane structural crash dynamics  
[p0230 A79-16817]

Assessment of new technologies for general aviation aircraft  
[p0232 A79-16837]

Collision avoidance an annotated bibliography  
[p0290 A79-17840]

Analysis of the functional requirements for an intelligent airborne computer system  
[AD-A061669]

Flutter suppressor for transonic flight  
[p0297 A79-20983]

Experimental study of the flight envelope and research of safety requirements for hang-giders  
[p0586 A79-27083]

Aircraft safety  
[GP-37-810]

An evaluation of the bird aircraft strike hazard at Hill AFB, Utah (AFLC)  
[AD-A070559]

Comparative analysis of FA-31-350 Chafeintain (W44L) accident and NASA crash test data  
[NASA-TN-80012]  
p0713 A79-33172

Flight simulation  

Certification-compliance demonstration by flight or simulation  
[1141 PAPER 79-0331]

Flight profile investigation for microwave landing system  
[p0005 A79-10408]

Flow field calibration results for the ATC High Enthalpy Ablation Test Facility /HEAT/  
[p0114 A79-17622]

Simulation of automatic flight control system failures  
[AHS 79-28]

A piloted simulator investigation of augmentation systems to improve helicopter nap-of-the-earth handling qualities  
[AHS 79-29]

Use of helicopter flight simulation for height-velocity test predictions and flight test risk reduction  
[AHS 79-41]

Digital simulation of the Operational Loads Survey flight tests  
[AHS 78-58]

Helicopter simulation in atmospheric turbulence  
[p0131 A79-16883]

Simulation requirements for rotorcraft -- visual display, motion cue and computer considerations  
[p0132 A79-16866]

Comments on a proposed standard wind hazard environment and its use in real-time aircraft simulations  
[AD-A061 79-0134]

Computer generated images for aircraft use  
[p0166 A79-29079]

Low speed testing techniques for V/STOL aircraft in the Princeton dynamic model track  
[AD-A071 79-0324]  
p0237 A79-30548

Dynamic laboratory evaluation of integral fuel-tank sealants  
[p0211 A79-28125]

Recent General Electric engine development testing for improved service life  
[SAP PAPER 78090]

Simulation studies of the flight dynamics of gliding parachute systems  
[p0255 A79-25876]

A simple physical model of a descending parachute  
[p0262 A79-26628]

A simulation study of the flight dynamics of a descending parachute  
[p0263 A79-26651]

Flight simulation of a vehicle with a two-stage parachute system  
[AD-A072 79-0680]  
p0263 A79-26652

Evaluation of two inflow control devices for flight simulation of fan noise using a JT15D engine  
[AD-A072 79-0654]  
p0270 A79-26626

Experiments concerning the anomalous behaviour of engine-exhaust and internal noise in flight  
[AD-A072 79-0649]  
p0271 A79-26630

Effects of simulated forward flight on jet noise, shock noise and internal noise  
[AD-A072 79-0615]  
p0271 A79-26636

Stable boundary layer wind shear model for aircraft flight hazard definition  
[p0278 A79-27575]

Design benefits from V/STOL control/display simulation program at Lockheed  
[p0331 A79-29479]

An X-22A flight experiment to investigate control-display requirements for the AF-88 VTOL aircraft  
[p0332 A79-29484]

Verification and validation of the NASA Terminal Configured Vehicle_s /TCV/ Wind Analysis program using real-time digital simulation  
[p0336 A79-29900]

The European transonic wind-tunnel project  
[p0343 A79-31021]

Modeling helicopter flight dynamics --- Russian book  
[p0346 A79-33905]

Control considerations for CCV fighters at high angles of attack  
[p0461 A79-37295]

A wind shear/downdraft drift angle warning system  
[p0464 A79-38677]

An aircraft simulation using a product of exponentials as matrixant  
[p0466 A79-38885]

The extremal trajectory map — A new representation of combat capability  
[AIAA 79-1622]

Decoupled longitudinal controls for shear penetration in the terminal area environment --- during approach and landing engine jet transport  
[p0566 A79-45301]

An improved lateral stability augmentation system for air-to-air tracking  
[p0572 A79-45402]

A-D helical approach of a transport aircraft in an ATC environment  
[p0572 A79-45404]

Initial results of an inflight simulation of augmented dynamics in fighter approach and landing  
[p0572 A79-45410]

A piloted simulator investigation of helicopter precision decelerating approaches to hover to single-seat fighter /HODIP/ requirements  
[AIAA 79-1886]  
p0581 A79-45413

A real-time simulation facility for advanced digital guidance and control system research  
[p0573 A79-51090]

Laboratory simulation of swept lighting strokes  
[p0681 A79-51132]

Laboratory tests to determine lightning attachment points on actual aircraft parts /Qualification test/  
[p0681 A79-51134]

Laboratory tests to determine the physical damage /direct effects/ caused by lightning /qualification test/  
[p0681 A79-51136]

Laboratory tests to determine the physical damage /direct effects/ caused by lightning  
[p0681 A79-51137]

Laboratory tests to simulate lightning streamers at apertures /qualification test/  
[p0682 A79-51138]

Laboratory tests for undesired conducted currents and surge voltages caused by lightning /qualification test/  
[p0682 A79-51140]

Tests on actual aircraft for electromagnetic effects /Engineering tests/  
[p0682 A79-51141]

Aircraft motion sensitivity to dynamic stability derivatives  
[p0682 A79-51144]
In-flight simulation with pilot-center of gravity offset and velocity mismatch
Investigation of motion base drive techniques (AD-A053630)
Flight Dynamics Laboratory at SLL
Improvements to the FATOLA computer program including nosewheel steering: Supplemental
In-flight simulation with pilot-center of gravity
Development and validation of a piloted simulation of a helicopter and external sling (NASA-TM-1285)
Piloted aircraft simulation concepts and overview (NASA-CR-152208)
Icing trials on the front fuselage and engine intakes of helicopters at conditions simulating forward flight
Evaluation of two inflow control devices for icing trials on the front fuselage and engine intakes of helicopters at conditions simulating forward flight
The Lufthansa day/night computer generated visual environment simulation for Army rotorcraft
Simulating the visual approach and landing
Piloted Aircraft Environment Simulation Techniques
The development and implementation of algorithms for cleaning large scale wind tunnel facilities and status of the National Transonic Facility
Full-scale aircraft simulation with cryogenic special Ground testing facilities and testing
Transonic wind tunnels
The development and implementation of algorithms for cleaning large scale wind tunnel facilities and status of the National Transonic Facility
Piloted aircraft simulation concepts and overview
A simulator investigation of handling quality criteria for CCV transport aircraft
Visual simulation devices for flight training
A-208
A new baseline for the inertial navigation system - an alternate approach

Two-segment approach investigation on a

Differences between simulation and real world at
Six degrees of freedom large motion system for

Dynamic characteristics of flight simulator motion systems in the landing approach and touchdown

Visibility modelling for a landing simulator with

Handling qualities of a simulated STOL aircraft in natural and computer-generated turbulence and shear

The development and evaluation of a g seat for a high performance military aircraft simulator

Six degrees of freedom large motion system for flight simulators

Advanced Simulator for Pilot Training (ASPT): Aerial refueling visual simulation-engineering

Active control for the Total-In-Flight simulator (TIPS)

An evaluation of turn anticipation techniques and offset flying procedures using a single-waypoint RNAV system

AARS laboratory simulator requirements (A-7 aircraft)

Optical placement of regional flight simulators

Design of an off-axis wide field-of-view visual display system for flight simulators

Structuring of data systems: Psychophysiological data from the dynamic flight simulator

F-15 flight simulator: Development and analysis of computer scoring algorithm

Seat cushion to provide realistic acceleration cues to aircraft simulator pilot

Laboratory development of computer generated image displays for evaluation in terrain following and training

Powered-lift aircraft handling qualities in the presence of naturally-occurring and computer-generated atmospheric disturbances

Simulation study of the operational characteristics of a two/three-dimensional multiwaypoint area navigation (RNAV) system - pilot performance and flight technical errors

Effect of image tilt of a virtual image display on simulated transport touchdown performance

PLIGHT STABILITY TESTS

The evaluation and use of flying qualities considerations in conceptual design

A simulation of amphibious hovercraft overturning in attitude-stabilized aircraft

Keroservoelastic stability analysis of an airplane with a control augmentation system

In-flight handling qualities investigation of various longitudinal short-term dynamics and digital lift control combinations for flight path tracking using DFLVR HPR 320 variable stability aircraft

Qualification tests for helicopters to be used on board ships

FLIGHT TECHNICAL ERROR

U PILOT ERROR

FLIGHT TEST INSTRUMENTS

A general aviation flight test application of the on-board computer

Flight test verification of the ASSET system --- Advanced Skewd Sensory Electronic Triad

High sink-rate landing testing of Navy aircraft

Flight test technology development - A preview of Dyfotech --- dynamic modeling

ARIA takeoff performance flight test program --- Advanced Range Instrumented Aircraft

FLIGHT TEST VEHICLES

An air launched test vehicle for ejection seat parachutes

FLIGHT TESTS

MT FLIGHT STABILITY TESTS

SUBJECT INDEX

PLIGHT TESTS

FLIGHT TEST VEHICLES

FLIGHT TEST INSTRUMENTS

U PILOT ERROR

FLIGHT TECHNICAL ERROR

A general aviation flight test application of the on-board computer

Flight test verification of the ASSET system --- Advanced Skewd Sensory Electronic Triad

High sink-rate landing testing of Navy aircraft

Flight test technology development - A preview of Dyfotech --- dynamic modeling

ARIA takeoff performance flight test program --- Advanced Range Instrumented Aircraft

AN AIR LAUNCHED TEST VEHICLE FOR EJECTION SEAT PARACHUTES

FLIGHT TESTS

FLIGHT TESTS

MT FLIGHT STABILITY TESTS

SUBJECT INDEX

-1209
The role of flight dynamic modeling in helicopter certification
[SAE PAPER 780550] p0005 A79-10049
An instrumentation modeling technique used in the identification of aerodynamic coefficients from flight test data
[IAP PAPER 78-99] p0116 A79-11239
GPS Phase 1 user equipment field tests
[SUBJECT INDEX]
The effectiveness of pilot warning instruments
An engineering model based upon flight test data
[SUBJECT INDEX]
Performance evaluation of the experimental RCS/Beacon Collision Avoidance System
[SUBJECT INDEX]
Aircraft aerodynamic coefficient estimation
[SUBJECT INDEX]
A new approach to helicopter rotor blade research instrumentation
[SUBJECT INDEX]
Rotor-airfoil flight investigation - Preliminary results
[AHS 78-05] p0119 A79-18132
Design and development tests of a four-bladed light helicopter rotor system
[AHS 78-07] p0119 A79-18134
Use of helicopter flight simulation for height-velocity test predictions and flight test risk reduction
[AHS 78-81] p0123 A79-18164
An innovative technique for static and dynamic V/STOL testing
[AHS 78-42] p0123 A79-18165
Testing of the TOW missile-configured AB-1T helicopter --- tube-launched Optically-tracked Wire guided
[AHS 78-43] p0123 A79-18166
Digital simulation of the Operational Loads Survey flight tests
[AHS 78-56] p0125 A79-18179
Status report on advanced development program utilizing simulation control rotor technology
[SUBJECT INDEX]
Helicopter flight-path and acoustic-signal repeatability for noise-diagnosis and noise-certification
[SUBJECT INDEX]
Weight-velocity diagram determination for twin engine helicopters - Some aspects of present regulations
[SUBJECT INDEX]
Engine life usage experience of YF17/TJ301 flight and ground testing
Preliminary flight and wind tunnel comparisons of the inlet/airframe interaction of the F-15 airplane
[AIAA PAPER 79-0102] p0200 A79-23513
Development and flight test evaluation of fuel tank sealants for Mach 3+ aircraft
[AIAA PAPER 79-24349] p0210 A79-24214
Flight test control by means of a microprocessor, I
[AIAA PAPER 79-24350] p0214 A79-24349
F-16 high angle of attack testing
[SUBJECT INDEX]
F-18 status report
[SUBJECT INDEX]
Flight testing the EF6
[SUBJECT INDEX]
The Learjet Longhorn series - The first jets with winglets
[SUBJECT INDEX]
The continuity factor in aircraft development - Development and testing of a shipboard launched balloon system
[AIAA 79-0420] p0262 A79-26631
Flight effects on noise generated by the JT9D engine with inverted primary/fan flow as measured in the NASA- Ames 40- by 80-foot wind tunnel
[AIAA PAPER 79-0614] p0271 A79-26937
KY-15 Tilt Rotor Research Aircraft - Program report
[AIAA 79-0770] p0277 A79-27371
Lateral noise-attenuation results from flyovers of three transport aircraft
[SUBJECT INDEX]
Inflight utilization of an optical fiber transmission system on a Falcon 10 aircraft

The problem: Aircraft in transonic flight

Flight test techniques for a transonic aircraft

Important factors in the maximum likelihood analysis of flight test maneuvers

Flight investigation of piloting techniques and crosswind limitations using a research type crosswind landing gear

Stabilized Terrain Optical Position Sensor (STOPS) flight test report

Buffeting measurements in flight and in a wind tunnel -- Twin aircraft

Polar lift and drag determination during flight tests

Determination of subcritical frequency and damping from B-1 Flibus flutter test data

High altitude altitude flight test

A flight investigation of basic performance characteristics of a teetering-rotor attack helicopter

Preliminary airworthiness evaluation CH-47C with flight test evaluation of the high inertia rotor system

Inflatable survival systems for helicopters — conferences

Helicopter flight control /HSF/ --- integrated system including FLIH and laser range finder

Reliability growth on 8-52 FIH system

Automatic resonance condition maintenance during multipoint flight vehicle vibration excitation

Optimizing linear flight vehicle stabilization systems with orthogonal filters

Analytical design of flight-vehicle hydraulic systems with orthogonal filters

Gas turbines for flight vehicle engines: Theory, design, and calculation /Third review and enlarged edition/ --- Russian book

Computer calculation of aerodynamic characteristics of aircraft at supersonic velocities

A model of external burning propulsion system including FLIH and laser range finder

Informatsionnaya i efektivnost' digital'nykh kroso-generating devices --- flight vehicle onboard computers

Gas turbines for flight vehicle engines: Theory, design, and calculation /Third review and enlarged edition/ --- Russian book

FLIGHT TRAINING

The air combat maneuvering range /ACMR/ --- a new approach to aircrew training

360-deg non-programmed visual display --- for flight training

The development and use of simulators for helicopter flight training in the Royal Navy

Visual simulation devices for flight training simulators --- Russian book

Aerodynamic data development for the turboprop T-44A Operational Flight Trainer

Dutch roll excitation and recovery techniques on a C-141A Starlifter

Evaluation of a Low Fidelity Simulator (LFS) for instrument training

Evaluation of a flight simulator (device 2824) for instrument training

Automatic resonance condition maintenance during multipoint flight vehicle vibration excitation

Reliability growth on 8-52 FIH system

Computer calculation of aerodynamic characteristics of aircraft at supersonic velocities

A model of external burning propulsion system including FLIH and laser range finder

Informatsionnaya i efektivnost' digital'nykh kroso-generating devices --- flight vehicle onboard computers

Gas turbines for flight vehicle engines: Theory, design, and calculation /Third review and enlarged edition/ --- Russian book

FLIGHT TRAINING

The air combat maneuvering range /ACMR/ --- a new approach to aircrew training

360-deg non-programmed visual display --- for flight training

The development and use of simulators for helicopter flight training in the Royal Navy

Visual simulation devices for flight training simulators --- Russian book

Aerodynamic data development for the turboprop T-44A Operational Flight Trainer

Dutch roll excitation and recovery techniques on a C-141A Starlifter

Evaluation of a Low Fidelity Simulator (LFS) for instrument training

Evaluation of a flight simulator (device 2824) for instrument training

Automatic resonance condition maintenance during multipoint flight vehicle vibration excitation

Reliability growth on 8-52 FIH system

Computer calculation of aerodynamic characteristics of aircraft at supersonic velocities

A model of external burning propulsion system including FLIH and laser range finder

Informatsionnaya i efektivnost' digital'nykh kroso-generating devices --- flight vehicle onboard computers

Gas turbines for flight vehicle engines: Theory, design, and calculation /Third review and enlarged edition/ --- Russian book

FLIGHT TRAINING

The air combat maneuvering range /ACMR/ --- a new approach to aircrew training

360-deg non-programmed visual display --- for flight training

The development and use of simulators for helicopter flight training in the Royal Navy

Visual simulation devices for flight training simulators --- Russian book

Aerodynamic data development for the turboprop T-44A Operational Flight Trainer

Dutch roll excitation and recovery techniques on a C-141A Starlifter

Evaluation of a Low Fidelity Simulator (LFS) for instrument training

Evaluation of a flight simulator (device 2824) for instrument training

Automatic resonance condition maintenance during multipoint flight vehicle vibration excitation

Reliability growth on 8-52 FIH system

Computer calculation of aerodynamic characteristics of aircraft at supersonic velocities

A model of external burning propulsion system including FLIH and laser range finder

Informatsionnaya i efektivnost' digital'nykh kroso-generating devices --- flight vehicle onboard computers

Gas turbines for flight vehicle engines: Theory, design, and calculation /Third review and enlarged edition/ --- Russian book

FLIGHT TRAINING

The air combat maneuvering range /ACMR/ --- a new approach to aircrew training

360-deg non-programmed visual display --- for flight training

The development and use of simulators for helicopter flight training in the Royal Navy

Visual simulation devices for flight training simulators --- Russian book

Aerodynamic data development for the turboprop T-44A Operational Flight Trainer

Dutch roll excitation and recovery techniques on a C-141A Starlifter

Evaluation of a Low Fidelity Simulator (LFS) for instrument training

Evaluation of a flight simulator (device 2824) for instrument training

Automatic resonance condition maintenance during multipoint flight vehicle vibration excitation

Reliability growth on 8-52 FIH system

Computer calculation of aerodynamic characteristics of aircraft at supersonic velocities

A model of external burning propulsion system including FLIH and laser range finder

Informatsionnaya i efektivnost' digital'nykh kroso-generating devices --- flight vehicle onboard computers

Gas turbines for flight vehicle engines: Theory, design, and calculation /Third review and enlarged edition/ --- Russian book

FLIGHT TRAINING

The air combat maneuvering range /ACMR/ --- a new approach to aircrew training

360-deg non-programmed visual display --- for flight training

The development and use of simulators for helicopter flight training in the Royal Navy

Visual simulation devices for flight training simulators --- Russian book

Aerodynamic data development for the turboprop T-44A Operational Flight Trainer

Dutch roll excitation and recovery techniques on a C-141A Starlifter

Evaluation of a Low Fidelity Simulator (LFS) for instrument training

Evaluation of a flight simulator (device 2824) for instrument training

Automatic resonance condition maintenance during multipoint flight vehicle vibration excitation

Reliability growth on 8-52 FIH system

Computer calculation of aerodynamic characteristics of aircraft at supersonic velocities

A model of external burning propulsion system including FLIH and laser range finder

Informatsionnaya i efektivnost' digital'nykh kroso-generating devices --- flight vehicle onboard computers

Gas turbines for flight vehicle engines: Theory, design, and calculation /Third review and enlarged edition/ --- Russian book

FLIGHT TRAINING

The air combat maneuvering range /ACMR/ --- a new approach to aircrew training

360-deg non-programmed visual display --- for flight training

The development and use of simulators for helicopter flight training in the Royal Navy

Visual simulation devices for flight training simulators --- Russian book

Aerodynamic data development for the turboprop T-44A Operational Flight Trainer

Dutch roll excitation and recovery techniques on a C-141A Starlifter

Evaluation of a Low Fidelity Simulator (LFS) for instrument training

Evaluation of a flight simulator (device 2824) for instrument training

Automatic resonance condition maintenance during multipoint flight vehicle vibration excitation

Reliability growth on 8-52 FIH system

Computer calculation of aerodynamic characteristics of aircraft at supersonic velocities

A model of external burning propulsion system including FLIH and laser range finder

Informatsionnaya i efektivnost' digital'nykh kroso-generating devices --- flight vehicle onboard computers

Gas turbines for flight vehicle engines: Theory, design, and calculation /Third review and enlarged edition/ --- Russian book

FLIGHT TRAINING

The air combat maneuvering range /ACMR/ --- a new approach to aircrew training

360-deg non-programmed visual display --- for flight training

The development and use of simulators for helicopter flight training in the Royal Navy

Visual simulation devices for flight training simulators --- Russian book

Aerodynamic data development for the turboprop T-44A Operational Flight Trainer

Dutch roll excitation and recovery techniques on a C-141A Starlifter

Evaluation of a Low Fidelity Simulator (LFS) for instrument training

Evaluation of a flight simulator (device 2824) for instrument training

Automatic resonance condition maintenance during multipoint flight vehicle vibration excitation

Reliability growth on 8-52 FIH system

Computer calculation of aerodynamic characteristics of aircraft at supersonic velocities

A model of external burning propulsion system including FLIH and laser range finder

Informatsionnaya i efektivnost' digital'nykh kroso-generating devices --- flight vehicle onboard computers

Gas turbines for flight vehicle engines: Theory, design, and calculation /Third review and enlarged edition/ --- Russian book
FLOW DISTORTION

- Small perturbation analysis of nonuniform rotating disturbances in a versatile diffuser [ASME PAPER 78-GT-109]
- Gas turbine engine inlet flow distortion guidelines [ASME PAPER 78-GT-154]
- Lift, moment and pressure distribution on cambered airfoil in generalized sinusoidal flow perturbations [AIAA 79-19313]
- Reynolds number, scale and frequency content effects on F-15 inlet instantaneous distortion [NASA PAPER 79-01047]
- Numerical investigations on the generation and development of rotating stalls [ASME PAPER 78-WA/GT-2]
- Propagation of inlet flow distortions through an axial compressor stage [NASA PAPER 78-GT-37]
- An experimental study of pulsating flow in a three stage axial flow compressor [AIAA 79-24221]
- Effects of inflow distortion profiles on fan tone noise calculated using a 3-D theory [AIAA 79-3235]
- Asymmetric distortion generation in a variable height annulus --- for compressor inlet flow [AIAA 79-2378]
- A general solution for distorted flows in cascades of aerfoils [ASME PAPER 79-GT-65]
- The prediction of steady, circumferential pressure and temperature distortions in multistage axial flow compressors [ASME PAPER 79-GT-184]
- Combined pressure and temperature distortion effects on internal flow of a turbofan engine [NASA PAPER 79-1309]
- Method of determining non-steady-state force characteristics and flywheel effect of turbine blades from the streamflow pattern [NASA PAPER 79-39031]
- Further test results with the airjet distortion generator - a new tool for aircraft turbine engine testing [NASA PAPER 79-1105]
- Laser velocimeter applied to the study of circular distortion effects in a low speed compressor [NASA CR-157642]
- Contribution to the asymptotic theory of flow past airfoil profiles [NASA CR-157666]
- A method for calculating the potential flow around a system of aerodynamic profiles in an incompressible fluid [NASA CR-157684]
- Measurements of inlet flow distortions in an axial flow fan (6 and 9 blade rotor) [NASA CR-157692]
- Experimental evaluation of the effect of inlet distortion on compressor blade vibrations [NASA CR-157706]
- Effects of inflow distortion profiles on fan tone noise calculated using a 3-D theory [NASA CR-157817]
- Aerodynamic and Mechanical factors affecting the surge line: Inlet flow distortion influences on axial flow compressors [NASA CR-157957]
- The effects of design and operating variables on the response of an axial flow fan to inlet flow distortions [NASA CR-158422]
- An experimental study of the response of a turbo-machine rotor to a low frequency inlet distortion [AD-A066776]
- Effects of steady-state pressure distortion on the stall margin of a 385-21 turbojet engine [NASA CR-158706]
- Effect of rotor meridional velocity ratio on response to inlet radial and circumferential distortion [NASA CR-158726]
- An experimental study of the response of a turbomachine rotor to a low frequency inlet [NASA CR-158746]

FLOW CHARACTERISTICS
- NT BOUNDARY LAYER STABILITY
- NT FLOW DISTORTION
- NT FLOW STABILITY
- NT FLOW VELOCITY

Features of flow past slotted wings
- A numerical study of jet entrainment effects on the subsonic flow over nozzle afterbodies [AIAA PAPER 79-0135]
- Boundary layer induced secondary flows due to wing-body interference [AIAA PAPER 79-0140]
- Experimental investigation of flow in a supersonic centrifugal impeller [ASME PAPER 78-GT-2]
- Experimental investigation of the effect of surface discontinuity on step-backward flow [AIAA 79-7002]
- The effect of slot configuration and arrangement on the characteristics of jet flow [WALTER-1995]
- Investigation of the regimes of flow past the upper surfaces of delta wings with shock waves separated from the leading edges [NASA TN-79-3025]
- Parameters of three-dimensional flow past a wing near the free surface of a pellor fluid [NASA TN-79-3110]
- Determination of cooling air mass flow for a horizontally-opposed aircraft engine installation [SAE PAPER 790609]
- An analysis of air intakes in the boundary layer [NASA TN-79-3674]
- A procedure for analyzing transonic flow over harmonically oscillating airfoils [NASA TN-79-20003]
- Effect of steady-state pressure distortion on flow characteristics entering a turbofan engine [NASA TN-79-3515]
- Turbulence characteristics of compressor discharge flows --- JT9D engine tests [NASA TN-79-3516]
- Turbulence measurements in the compressor exit flow of a General Electric CF6-50 engine [NASA TN-79-3699]
- Theoretical estimation of nonlinear longitudinal characteristics of wings with small and moderate aspect ratio by the vortex-lattice method in incompressible flow [DLR-PE-78-26]
- Flow COEFFICIENTS
- NT DISCHARGE COEFFICIENT
- NT DISCHARGE COEFFICIENT

FLOW DISTORTION
- Determination of the deflection angle of a jet impinging on a deflector with an end plate --- for thrust reversers [NASA TN-79-16789]
- The 1-4-1 system of jet movements for the flexible liners of supersonic wind tunnels [NASA TN-79-26594]
- Determination of turning angle of a jet impinging on a bucket with visor --- for thrust reversers [NASA TN-79-48500]
- Vortex models on missile configurations --- computer program for determining aerodynamic coefficients and flow deflection [NASA TN-79-3027]

FLOW DIRECTION INDICATORS
- NT WIND VAINES
- Miniature flow-direction and airspeed sensor for airplanes and radio controlled models in spin studies [NASA TP-1467]
- Flow DISTORTION
- Asymmetric swirling flows in turbomachine annuli [NASA TP-1276]
FLOW DISTRIBUTION

Analysis of the flow field in a radial compressor
[ASME PAPER 78-GT-7]
p0008 A79-10776
Measurement of flow fields around an airfoil
with separation
[AI A PAPER 79-1500]
p0716 A79-33203
Measurements in an axisymmetric turbulent boundary
layer with weak and strong three-dimensional
disturbances
[p0012 A79-10868
Aerodynamic field induced by a jet penetrating a
cross flow at subsonic velocities
[ONERA, TP No. 1978-81]
p0060 A79-13991
Flow field calibration results for the AMDC High
Enthalpy Ablation Test Facility /HEAT/
p0110 A79-17622
An investigation of the influence of fuselage flow
field on rotor loads, and the effects of vehicle
configuration
[p0129 A79-10644
Aerodynamic-effects of surface cooling-flow
injection on turbine transonic flow fields
[AI A PAPER 79-0048]
p0279 A79-19501
An efficient user-oriented method for calculating
compressible flow about three-dimensional
inlets
[AI A PAPER 79-0081]
p0141 A79-19524
Pin-cone interference flow field
[AI A PAPER 79-0200]
p0143 A79-19595
Aerodynamic and thermodynamic characteristics of
flow fields below VTOL vehicles in ground
proximity
[AI A PAPER 79-0338]
p0185 A79-19675
Calculation of the three-dimensional flow field in
supersonic inlets at angle of attack using a
bicellular method with discrete shock wave
fitting
[AI A PAPER 79-0379]
p0147 A79-19698
Numerical study of the supersonic flow around wings
in turbulators
[SNE PAPER 781001]
p0256 A79-25884
Study of the flow field behind a transonic axial
compressor rotor using laser-anemometry and
unsteady pressure measurements
[AI A 79-7034]
p0330 A79-29405
The inverse problems for multiconnected airfoil
systems
[AI A PAPER 79-1231]
p0294 A79-29702
Small Disturbance swirl flow in turbomachinery
bladings
[AI A PAPER 79-29705]
p0334 A79-29702
Flow past a small-aspect-ratio delta wing with
vortex filament breakdown
[p0349 A79-32054
Experimental study on diffusers for mixed-flow
machines
[ASME PAPER 78-GT-120]
p0399 A79-32936
Investigation of a laser Doppler velocimeter
system to measure the flow field of a large
scale V/STOL aircraft in ground effect
[AI A PAPER 79-1186]
p0588 A79-38974
The role of three-dimensional flow analysis in the
design of turbomachinery
[AI A PAPER 79-1231]
p0470 A79-38995
Analysis of an unsteady aerodynamic force on a
blade due to uneven amplitude gusts
[AI A PAPER 79-1456]
p0823 A79-39059
Numerical solution for the flow field of a body
with jet
[AI A PAPER 79-1452]
p0565 A79-45258
A fast, conservative algorithms for solving the
transonic full-potential equation
[AI A PAPER 79-1456]
p0565 A79-45261
Three-dimensional coordinates about wings
[AI A PAPER 79-1661]
p0565 A79-45265
Water tunnel visualization of the vortex flows of
the F-15
[AI A PAPER 79-1669]
p0567 A79-45325
Numerical investigation of the perpendicular
injector flow field in a hydrogen fueled scramjet
[AI A PAPER 79-1942]
p0754 A79-46686
Transonic flow past a symmetrical airfoil at high
angle of attack
[AI A PAPER 79-1500]
p0755 A79-46694
Flow of ideal gas in tapering nozzles

Operation of a multistage axial compressor with nontwisted blades from viewpoint of three-dimensional axisymmetric flow theory

Engineering analysis of dynamic stall

On the design of thin subsonic airfoils

The wing section theory of Kutta and Zhukovski

The inverse problem for multiconnected airflow systems

Lifting-line theory for a swept wing at transonic speeds

Aerodynamics for engineers --- Book

Transonic flows in turbomachinery. Volume 1: Theory, part 2

Mechanics of boundary layer transition, part 2: Instability and transition to turbulence

Investigation of the profile drag and the mean and pulsation velocities in the wake of wings by means of a laser Doppler anemometer

Approximate calculation of the velocity field and the motion of vortices in the wake of a low-flying biplane

Inverse mixed problem for a profile with a prescribed velocity distribution on one of its sides and a known thickness distribution

Comparison of two flow surveys above stalled wings

Calculation of separated boundary-layer flows --- applied to stalled diffusers and external wedge flow

Mean velocity and decay characteristics of the guidevane and stator blade wake of an axial flow compressor

Study of mean- and turbulent-velocity fields in a large-scale turbine-vane passage

The prediction of steady, circumferential pressure and temperature distortions in multistage axial flow compressors

Velocity slip and temperature difference of gas mixtures in quasi-one-dimensional nozzle flows

Turbulent wake measurements with a laser velocimeter

Installation of icing tests

Flow of a straight cascade wind tunnel of aeroelastic instabilities in compressors

A throat-bypass stability-bleed system using relief valves to increase the transient stability of a mixed-compression inlet --- TF-12 aircraft inlet tests in the Lewis 10 by 10 ft supersonic wind tunnel

Unsteady flow regimes, including rotating stall, surge, distortions, etc.

Flow theory

Contribution to the asymptotic theory of flows at the trailing edge of a slender wing

Oscillating airfoils. II - Newtonian flow theory and application to power-law bodies in hypersonic flow

Flow patterns

A laser velocimeter flow survey above a stalled wing

Calculation of the planar supercritical flow over a NASA supercritical profile

Study of mean- and turbulent-velocity fields in a large-scale turbine-vane passage

Extensions to the tested range of a cascade flow calculation method

Optical flow measurements: Applications to wind tunnels or motor bench tests

Investigation of air stream from combustor-liner air entry holes, 3

Flow patterns

Flow visualization

Subject index
Making fluid flows visible

Application of a laminar lighting device to the smoke visualization of aerodynamic flows in wind tunnels (ONERA, TP No. 1979-82)

Experiments on an aerofoil at high angle of incidence in longitudinal oscillations

Unsteady wing boundary layer energization (AIAA 79-1641)

Water tunnel visualization of the vortex flows of the F-15 (AIAA 79-1649)

Water tunnel flow visualization - Insight into complex three-dimensional flow fields - around flapless aircraft (AIAA PAPER 79-1530)

Aerodynamics of spoiler control devices (AIAA PAPER 79-1873)

DVL measurements on propellers

Test technique development in interference free testing, flow visualization, and remote control model technology at Langley's Unitary Plan wind tunnel

Experimental investigation of the subwing tip and its vortex structure (NASA-CR-3058)

A water tunnel flow visualization study of the F-15 (NASA CR-11870)

Visualization of the separation and subsequent transition near the leading edge of airfoils

Visualizations and calculations of air intakes at high angles of attack and low Reynolds numbers --- Navier-Stokes equation

A simple method of adapting a wind tunnel Schlieren system for interferometry (AD-A067233)

Flow visualization studies of a general research fighter model employing a strake-wing concept at subsonic speeds --- in the langley high speed 7-by 10-ft wind tunnel (NASA-TR-B-80057)

FLOWMETERS

WT ROT-WIRE FLOWMETERS Advanced technology fuel mass flowmeter (AD-A033963)

FLOW AMPLIFICATION

U FLOW AMPLIFIERS FLOW AMPLIFIERS

WT JET AMPLIFIERS Engineering studies of aircraft hydraulic drives --- Russian book

FLUID FLOW

Aerodynamics

[NASA-TR-F-765]

Design of shock-free transonic flow in a turbine cascade

[AD-A067703]

Contributions to fluid mechanics

[AD-A072521]

FLUID FILTERS

High efficiency fluid film thrust bearings for turbomachinery


Stability and unbalance response of centrally preloaded rotors mounted in journal and squeeze film bearings

Oil squeeze film dampers for reducing vibration of aerofoil gas turbine engines

FLOW PATHS

MT AIR FLOW

MT AIR JETS

MT ANULAR FLOW

MT AXIAL FLOW

MT AXI-SYMMETRIC FLOW

MT BASE FLOW

MT BOUNDARY LAYER FLOW

MT BOUNDARY LAYER SEPARATION

MT CASCADE FLOW

MT CAVITATION FLOW

MT CHANNEL FLOW

MT COAXIAL FLOW

MT COMBUSTIBLE FLOW

MT COMPRESSIBLE FLOW

MT CONICAL FLOW

MT CONTINUUM FLOW

MT CORE FLOW

MT CORNER FLOW

MT CROSS FLOW

MT DUCTED FLOW

MT FREE FLOW

MT FREE MOLECULAR FLOW

MT FUEL FLOW

MT GAS FLOW

MT HARTMANN FLOW

MT HELICICAL FLOW

MT HETEROGENEOUS FLOW

MT INCOMPRESSIBLE FLOW

MT INLET FLOW

MT INFINITEN FLOW

MT ISOTHERMAL FLOW

MT JET FLOW

MT JET MIXING FLOW

MT JET STREAMS (METEOROLOGY)

MT LAMINAR FLOW

MT LIQUID FLOW

MT MAGNETOHYDRODYNAMIC FLOW

MT MASS FLOW

MT MERCATOR FLOW

MT NOZzLE FLOW

MT ONE-DIMENSIONAL FLOW

MT ORIFICE FLOW

MT OSCILLATING FLOW

MT OUTLET FLOW

MT PARALLEL FLOW

MT PERIPHERAL JET FLOW

MT PIPE FLOW

MT POTENTIAL FLOW

MT RADIAL FLOW

MT REATTACHED FLOW

MT RECIRCULATING FLUID FLOW

SUBJECT INDEX
FLUID MECHANICS

FLUID JET

1. Jet propulsion for ACV’s and hydrofoils

FLUID INJECTION

2. Fluid mechanical refracting gas prism and jet propulsion for ACV’s and hydrofoils

3. Instability of fluid flow in centrifugal injector

4. Aerodynamic effects of surface cooling-flow injection on turbine transonic flow fields

FLUID INJECTION SUBJECT INDEX

NT REVERSED FLOW
NT SECONDARY FLOW
NT SEPARATED FLOW
NT SHEAR FLOW
NT SLIP FLOW
NT SMALL PERTURBATION FLOW
NT STADY FLOW
NT STOKES FLOW
NT SUBSONIC FLOW
NT SUPERCRITICAL FLOW
NT SUPERSONIC FLOW
NT SUPERSONIC JET FLOW
NT THREE DIMENSIONAL FLOW
NT TRANSITION FLOW
NT TRANSACTIONAL FLOW
NT TURBULENT FLOW
NT TWO DIMENSIONAL FLOW
NT TWO PHASE FLOW
NT UNIFORM FLOW
NT UNSTEADY FLOW
NT VERTICAL AIR CURRENTS
NT VISCOUS FLOW
NT WALL FLOW

FLUID MECHANICS

NT AERODYNAMICS
NT AEROTHERMODYNAMICS
NT FLUID DYNAMICS
NT GAS DYNAMICS
NT HYDRODYNAMICS
NT HYDROMECHANICS
NT RAREFIED GAS DYNAMICS
NT MOTOR AERODYNAMICS
NT SUPERSONICS

The importance of experimenting in aerodynamics and fluid mechanics --- on-line wind tunnel-computer integration

[DGFR PAPER 78-229]

p0184 A79-20485

Fluid mechanical refracting gas prism and jet propulsion for ACV’s and hydrofoils

[ASME PAPER 79-GT-91]

p0392 A79-32368

Fluid mechanical refracting gas prism and jet propulsion for ACV’s and hydrofoils

[AD-8062930]

p0371 N79-20374

Load and dynamic assessment of B-52B-008 carrier aircraft for finned configuration 1 space shuttle solid rocket booster decelerator subsystem drop test vehicle. Volume 1: Summary

[NASA-CR-150833]

p0035 N79-10088

Load and dynamic assessment of B-52B-008 carrier aircraft for finned configuration 1 space shuttle solid rocket booster decelerator subsystem drop test vehicle. Volume 2: Airplane flutter and load analysis results

FLUID MECHANICS

NT AERODYNAMICS
NT AEROTHERMODYNAMICS
NT FLUID DYNAMICS
NT GAS DYNAMICS
NT HYDRODYNAMICS
NT HYDROMECHANICS
NT RAREFIED GAS DYNAMICS
NT MOTOR AERODYNAMICS
NT SUPERSONICS

The importance of experimenting in aerodynamics and fluid mechanics --- on-line wind tunnel-computer integration

[DGFR PAPER 78-229]

p0184 A79-20485

Fluid mechanical refracting gas prism and jet propulsion for ACV’s and hydrofoils

[ASME PAPER 79-GT-91]

p0392 A79-32368

Fluid mechanical refracting gas prism and jet propulsion for ACV’s and hydrofoils

[AD-8062930]

p0371 N79-20374

Load and dynamic assessment of B-52B-008 carrier aircraft for finned configuration 1 space shuttle solid rocket booster decelerator subsystem drop test vehicle. Volume 1: Summary

[NASA-CR-150833]

p0035 N79-10088

Load and dynamic assessment of B-52B-008 carrier aircraft for finned configuration 1 space shuttle solid rocket booster decelerator subsystem drop test vehicle. Volume 2: Airplane flutter and load analysis results
FLUTTER ANALYSIS

The development of the EAST I remotely piloted vehicle for flight testing an active flutter suppression control system (NASA CR-184881) p0291 1979-17849

Turbomachinery flutter: Introductory concepts (NASA CR-8078) p0307 1979-19353

Identification of various flutter regimes and discussion of dynamic stall (NASA CR-1806102) p0366 1979-20126

Research on the flutter of axial turbomachinery blading (NASA CR-150834) p0036 1979-10049

Excitation and analysis technique for flutter tests (AGARD-R-672) p0367 1979-20137

Treatment of the control mechanisms of light airplanes in the flutter clearance process (NASA CR-144881) p0291 1979-17849

Stresses, vibrations, structural integration and engine integrity (including aeroelasticity and flutter) (AGARD-CP-280) p0551 1979-27148

Aeromechanics --- unsteady flow, aeroelasticity, flutter, and servocontrol (NASA CR-1633) p0579 1979-28121

A method for obtaining practical flutter-suppression control laws using results of optimal control theory (NASA CR-16171) p0588 1979-28614

Structural aspects of active controls (NASA CR-17901) p0658 1979-30221

FLUTTER ANALYSIS

Dynamic stall of an airfoil with leading edge bubble separation involving time dependent re-attachment (ASME PAPER 78-GT-198) p0011 1979-10817

Supersonic uninstalled flutter (NASA CR-12599) p0227 1979-12599

Synthesis and analysis of systems for active control and suppression of flutter of flying craft (NASA CR-12725) p0227 1979-12725

Harmonic vibrations of an annular wing in the steady flow of an ideal fluid (NASA CR-12963) p0028 1979-12963

Influence of some factors on GTE turbine blade vibrational energy dissipation (NASA CR-14845) p0068 1979-14845

Influence of stator vane canting on alternating stress level in turbine rotor blades (NASA CR-14868) p0068 1979-14868

Airplane wing self-oscillatory bending-torsion vibrations (NASA CR-14869) p0069 1979-14869

Automotive resonance condition maintenance during multipoint flight vehicle vibration excitation (NASA CR-14869) p0069 1979-14869

Comparative study between two different active flutter suppression systems (NASA CR-16495) p0081 1979-16495

Analysis of free torsional rotor blade oscillations under special consideration of asymmetric swash-plate support (NASA CR-18660) p0131 1979-18660

Vibration and flutter investigations of aircraft with special nonlinear structural properties (NASA CR-19073) p0207 1979-20073

On the role of shocks in the 'sub-transonic' flutter phenomenon (NASA CR-19075) p0320 1979-29019

Adaptive control of wing store flutter - A feasibility study (NASA CR-19078) p0322 1979-29033

Design, development, and testing of an active flutter margin augmentation system for a commercial transport airplane (NASA CR-19079) p0322 1979-29033

Coupled bending-torsion flutter in cascades (NASA CR-19085) p0322 1979-29034

Effect of chordwise forces and deformations and deformations due to steady lift on wing flutter (NASA CR-19085) p0322 1979-29037

Flutter speed degradation of damaged, optimized flight vehicles (NASA CR-19089) p0323 1979-29038

Investigation of flexible nozzle wall-flutter incidents in the NASA Ames Research Center 11-by 11-foot transonic wind tunnel (NASA CR-19094) p0323 1979-29038

CHARACTERISTICS OF AEROELASTIC INSTABILITIES IN TURBOMACHINERY

Characteristics of aeroelastic instabilities in turbomachinery - NASA full scale engine test results (NASA CR-19097) p0323 1979-29040

An elementary explanation of the flutter mechanism with active feedback controls (NASA CR-19098) p0328 1979-29046

Recent progress in active controls applied to flutter suppressors (NASA CR-19099) p0336 1979-30480

Study of compressor aeroelastic instabilities in a linear cascade wind tunnel (NASA CR-19100) p0369 1979-32277

Dynamic identification of light aircraft structures and flutter certification (NASA CR-19101) p0390 1979-32296

Aerodynamic and aeroelastic characteristics of oscillating loaded cascades at low Mach number (ASME PAPER 79-GT-112) p0393 1979-32387

An analysis of aeroengine fan flutter using twin orthogonal vibration modes (ASME PAPER 79-GT-126) p0393 1979-32395

Active flutter-suppression control laws using results of optimal control theory (NASA CR-1367) p0214 1979-17264

A summary of NASA/Air Force Full Scale Engine Research programs using the P100 engine (NASA CR-1386) p0509 1979-40488

Aeroelastic stability analysis of the AD-1 manned oblique-wing aircraft (NASA CR-1471) p0463 1979-38136

Fluttering flutter analysis of a rectangular wing with conventional airfoil sections (NASA CR-150834) p0036 1979-10049

Application of two synthesis methods for active flutter suppression on an aeroelastic wind tunnel model (NASA CR-150834) p0036 1979-45314

Demonstration of aircraft wing/store flutter suppression systems (NASA CR-150834) p0579 1979-46238

Harmonic oscillations of annular wing in steady ideal fluid flow (NASA CR-150834) p0579 1979-47009

Active external store flutter suppression in the TP-17 flutter model (NASA CR-150834) p0639 1979-49866

Comment on 'active flutter control using generalized unsteady aerodynamic theory' (NASA CR-150834) p0640 1979-49873

Supersonic uninstalled flutter --- aerodynamic loading of thin airfoils induced by cascade motion (NASA CR-150834) p0043 1979-11000

An experimental study of the dynamic forces acting on an aerofoil (NASA CR-150834) p0065 1979-12000

An analytical technique for predicting the characteristics of a flexible wing equipped with an active flutter-suppression system and comparison with wind-tunnel data (NASA CR-150834) p0242 1979-17264

Aeroelastic addition to I4ASTRAN (NASA CR-150834) p0267 1979-17812

Investigation of torsion free wing trend flutter models (NASA CR-150834) p0509 1979-40488

Flap-lag-torsion flutter analysis of a constant life rotor (NASA CR-150834) p0363 1979-20099

Determination of subcritical frequency and dumping from B-1 flight flutter test data (NASA CR-150834) p0503 1979-25426

The analysis of engine vibrations (NASA CR-150834) p0552 1979-27150

Technical evaluation report on the 5th Symposium of the Propulsion and Energetics on Turbomachinery, Structural Integration and Engine Integrity (Including aeroelasticity and Flutter) (NASA CR-150834) p0564 1979-28110

A summary of NASA/Air Force Full Scale Engine research programs using the P100 engine (NASA CR-150834) p0563 1979-30188

Flutter analysis of two-dimensional and two-degree-of-freedom airfoils in small-disturbance, unsteady transonic flow (NASA CR-150834) p0605 1979-31517

FLUX (NASE)
FUEL CONSUMPTION

Hydrocarbon fuels
Impact of future fuel properties on aircraft engines and fuel systems
Alternative hydrocarbon fuels: Combustion and chemical kinetics; SQUID Workshop, Loyola College, Columbia, N.C., September 7-9, 1977, Technical Papers
Future fuels in gas turbine engines
Ignition/stabilization/atomization - Alternative fuels in gas turbine combustors
Flash emissions - Alternative fuels
A characteristic time correlation for combustion inefficiency from alternative fuels
Hydrogen enrichment for low-emission jet combustion
Effects of fuel properties on root formation in turbine combustion
Intensification of fuel vaporization in aircraft gas turbine engines by electrical forces
Double recirculation zone two-stage combustor -- for aircraft engine emissions reduction
The combustion of a range of distillate fuels in small gas turbine engines
Fuel properties effects on combustor performance -- aircraft synthetic and petroleum-derived fuels
Catalytic combustion for gas turbine applications
Detonation characteristics of Soviet GOST 1012-72 aviation gasoline
Fossil fuel heat pumps for domestic, commercial and industrial space heating
The effect of hydrogen addition on ignition delays and flame propagation in spark ignition engines
Ignition of liquid fuel jets in a supersonic air stream
Study of the nonuniformity of the temperature field of a homogeneous combustion chamber as the parameters of the primary zone vary
Enthalpies of combustion of ranjet fuels
On the question of selecting the characteristic quantity governing fuel self-ignition in a stream
Experimental study of the turbulent wake downstream of a fan jet
Combustor modelling for scramjet engines
The role of fundamental combustion in the future aviation fuels program -- carbon formation in gas turbine primary zones
Characteristics and combustion of future hydrocarbon fuels
Effect of swirler-mounted mixing vanes on emissions of flame-tube combustor using jet A fuel
Application of light extinction measurements to the study of combustion in solid fuel rockets
Evaluation of future jet fuel combustion characteristics
Alternative hydrocarbon fuels: Combustion and chemical kinetics -- synthetic aircraft fuels
Airfoil cooling hole plugging by combustion gas impurities of the type found in coal derived fuels

SUBJECT INDEX

Precedent Propellant Combustor Technology Focus
Autoignition of fuels
[NASA-N79-25001]
Effect of fuel/air nonuniformity on nitric oxide emissions
[NASA-N79-25004]
Flame mechanisms of carbon formation in flames -- aircraft fuel combustion
[AD-A068972]
Analytical evaluation of the impact of broad specification fuels on high bypass turbofan engine combustors

FUEL CONSUMPTION
Simulation study of the effect of fuel-conservative approaches on ATC procedures and terminal area capacity
[SAE PAPER 780523]
Advanced turbofan engines for low fuel consumption
[SAE PAPER 78-07-192]
Making turbofan engines more energy efficient
[ASNE PAPER 78-07-198]
Energy conservation aircraft design and operational procedures
[ONERA, TF NO. 1970-107]
Energy conservation in general aviation piston powered aircraft
Economy in flight operations
[SAE PAPER 790605]
Resource conservation through airborne electronics
[ASNE PAPER 79-1861]
Fuel-conservative approaches on ATC procedures
[ASNE PAPER 78-GT-198]
Fuel conservative aircraft engine technology
[ASNE PAPER 79-GT-178]
Dynamic simulation studies of fuel conservation procedures used in terminal areas
Prospects for reducing the fuel consumption of civil aircraft
The NASA Aircraft Energy Efficiency program
Manufacturers developing fuel-efficient engines
Concepts for reducing exhaust emissions and fuel operational procedures
Rule of fuel management -- for airlines
Fuel conservative aircraft engine technology
[SAE PAPER 790605]
Turbo-fan design for general aviation -- The evolution of the BB.401
[ASNE PAPER 79-1760]
CF6 jet engine performance deterioration
[ASNE PAPER 79-1233]
The productivity of airships in long-range transportation
[ASNE PAPER 79-1596]
Simulation study of the operational effects of fuel-conservative approaches
[ASNE PAPER 79-1656]
An analysis of operational procedures and design modifications for aircraft fuel conservation
[ASNE PAPER 79-1709]
Fuel-conservative guidance system for powered-lift aircraft
[ASNE PAPER 79-1061]
Energy efficient aircraft engines
[SAE PAPER 79-14136]
Alternative fuels in aviation
Flight experiments to evaluate the effect of wing-tip nacelles on fuel consumption and handling characteristics
[ASNE PAPER 79-14538]
Derivative engines for the 1980s will help limit acquisition and maintenance costs
[ASNE PAPER 79-50206]
Aircraft engine developments centre on improved performance, higher efficiency
SUBJECT INDEX

FUEL FLOW

The design impact of power-augmented ram
technology on large energy efficient aircraft
[IAA PAPER 79-1064]  p0064 A79-50207

Structural design and analysis of prop-fan bladeros
[IAA PAPER 79-1116]  p0065 A79-51250

An advanced technology engine family for general
aviation
[IAA PAPER 79-1161]  p0065 A79-51704

Federal Energy Data System (FEDS) technical-
documentation study
[PB-281815/1]  p0050 W79-11542

Energy efficient engine preliminary design and
integration study

Aircraft Engine Future Fuels and Energy Conservation
[AGARD-LL-96]  p0106 W79-13192

Future aviation fuels fuel suppliers view • p0106 879-13194

Engine component improvement and performance
retention
p0107 W79-13198

Low energy consumption engines
p0107 W79-13199

Energy conservation aircraft design and
operational procedures
p0107 W79-13200

Terminal area delay and fuel consumption analysis
[ASME-EM-76-201]  p0231 W79-16826

Energy efficient engine: Propulsion system-aircraft integration evaluation
p0233 W79-16850

An analysis of fuel conserving operational
procedures and design modifications for
booster/transport aircraft. Volume 1 Executive
summary
[AD-A061746]  p0303 W79-18969

Wind tunnel performance of four energy efficient
propellers designed for each 0.8 cruise ---
Lewis 6x6 foot wind tunnel studies for noise
reduction in high speed turboprop aircraft

An analysis of fuel conserving operational
procedures and design modifications for
booster/transport aircraft, volume 2
[AD-A062609]  p0364 W79-20109

An adaptation for the economy or adaptation for
energy conservation ---passenger aircraft design
[IAAF-WT-77-23]  p0444 W79-23537

Energy efficient aircraft engines
[NASA-TP-792094]  p0551 W79-27141

JT9D-70/79 improved high pressure turbine active
clearance control system --- for specific fuel
consumption improvement

CF6 jet engine performance improvement program.
Short core exhaust nozzle performance
improvement concept --- specific fuel
consumption reduction

FUEL CONSUMPTION

Formation of water-fuel emulsions in tanks of
grounded aircraft
p0451 A79-36587

FUEL CONTROL

A digital fuel control system for gas turbines
[ASME PAPER 78-GT-99]  p0007 A79-10759

Engine fuel control systems as a determining
factor on modern helicopters
p0134 A79-18682

Practical 'on-engine' microprocessor control and
monitoring systems for gas turbines
[ASME PAPER 79-GT-181]  p0396 A79-32440

The influence of engine/fuel control design on
helicopter dynamics and handling qualities
[ABS 79-37]  p0631 A79-49089

FUEL CORROSION

Effectiveness of the antioxidation additive ionol
in jet fuels
p0328 A79-29121

The chemical stability of kerosene fractions
p0517 A79-42275

Changes in the quality of T-6 fuel upon prolonged
storage
p0623 A79-48858

FUEL FLOW

Influence of liquid oscillations in fuel line on
head of pump operating in regimes without
reverse flow
p0608 A79-14834

FUEL INJECTION

Paraetric method for diagnosing the state of
aircraft engines on the basis of limited
information
p0082 A79-16781

Numerical investigation of the perpendicular
injector flow field in a hydrogen fueled scramjet
[IAA PAPER 79-14872]  p0574 A79-46686

Laminar flow stabilization by surface cooling on
hydrogen fueled aircraft
[IAA PAPER 79-1663]  p0610 A79-47920

On the question of selecting the characteristic
quantity governing fuel self-ignition in a stream
p0613 A79-48497

An investigation of flame stability in a coaxial
dump combustor
p0706 W79-32209

FUEL FLOW REGULATORS

Lean stability augmentation for prexing,
umpowerizing combustors
[IAA PAPER 79-1319]  p0772 A79-39035

FUEL INJECTION

A model of transverse fuel injection applied to
the computation of supersonic combustor flow
[IAA PAPER 79-0359]  p0147 A79-19688

Effect of injection angle on liquid injection in
supersonic flow --- for increasing fuel jet
penetration
[IAA PAPER 79-0383]  p0147 A79-19700

Development of an integral fuel injection concept
for staged combustors

The effect of a sample lot of fuel JECTOPS on
emissions levels of a small gas turbine
[AGARD PAPER 79-GT-165]  p0395 A79-32427

The effect of hydrogen addition on ignition delays
and flame propagation in spark ignition engines
ignition of liquid fuel jets in a supersonic air
stream
[IAA PAPER 79-1238]  p0707 A79-38997

Autogluition of hydrogen injected transverse to a
supersonic airstream
p0785 A79-39818

Numerical investigation of the perpendicular
injector flow field in a hydrogen fueled scramjet
[IAA PAPER 79-1882]  p0785 A79-46686

Characterization of a swept-strut hydrogen
fuel-injector for scramjet applications
p0635 A79-49345

Effect of swirler-mounted mixing venturi on
emissions of flame-tube combustor using jet A fuel
[IAA PAPER 79-1393]  p0765 A79-14099

Computer simulation of an aircraft engine fuel
injection system

Rotary engine development at Curtis-Wright over
the past 20 years and review of general aviation
engine potential --- with direct chamber injection
p0221 W79-15967

FUEL INJECTION

p0308 W79-19368

Effects of air injection on a turbocharged
Teledyne Continental Motors TSIO-360-C engine
[NASA-TN-79121]  p0374 W79-20528

Thermostructural analysis of a scramjet
fuel-injection strut
p0386 W79-21427

FUEL OILS

Study of the dispersity of oil droplets which form
in the oil-system mains of gas-turbine engines
p0527 A79-42571

FUEL PUMPS

Aircraft fuel pumps — Where we're at /A review of
some problems and their current solutions/
[ASME PAPER 78-GT-10]  p0008 A79-10777

Influence of liquid oscillations in fuel line on
head of pump operating in regimes without
reverse flow
p0608 A79-14834

A canister fuel pump for general aviation aircraft
[SAE PAPER 790624]  p0458 179-36752

FUEL SPRAYS

Numerical modelling of the combustion of fuel
sprays in three dimensional can combustors
[IAA 79-7022]  p0329 A79-29395

The effect of fuel sprays on emissions from a gas
turbine combustor
[IAA PAPER 79-1321]  p0772 A79-39037

I-225
FULL SCALE TESTS

FUNCTIONAL ANALYSIS

FUNCTION GENERATORS

FUNCTIONS (MATHEMATICAL)

FUNCTIONS (MATHEMATICAL)

FUNCTIONS (MATHEMATICAL)

FUNCTIONS (MATHEMATICAL)

FUNCTIONS (MATHEMATICAL)

FUNCTIONS (MATHEMATICAL)

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FUSION WELDING

commercial transport aircraft
[AD-A066560] p0373 N79-20418

- Fuselage-mounted antenna code: User's manual
[AD-A0665587] p0889 N79-24215

- Composite forward fuselage systems integration, volume 2 --- effects of lighting
[AD-A066560] p0894 N79-24988

- Fuselage surface pressure measurements of a helicopter wind-tunnel model with a 3.15-meter diameter single rotor

- A study of smoke movement in an aircraft fuselage

- Engine/aircraft structural integration: An overview

- Status of candidate materials for full-scale tests in the 737 fuselage
[NASA-TP-80051] p0666 N79-31170

- Fuselage ventilation under wind conditions

- Advanced welding process establishment for aluminous
[NASA-TP-80051] p0721 N79-33480

G

G. FORCH

G-91 AIRCRAFT

G-91 AIRCRAFT

G-91 AIRCRAFT

GAMES

- U MEASURING INSTRUMENTS

GALAXY AIRCRAFT

U C-5 AIRCRAFT

GAME THEORY

- The extremal trajectory map - A new representation of combat capability
[IAEA 79-1622] p0566 N79-45304

- A comparison of air-to-air missile guidance laws based on optimal control and differential game theory
[IAEA 79-1736] p0571 N79-45378

GAMMA RADIATION

U GAMMA RAYS

- Observation of atmospheric interactions at aeroplane altitude --- gamma ray emission experiments
[NASA-CH-160146] p0861 N79-37573

GAMMA RAYS

- Prediction of in-depth gap heating ratios from wing glide model test data --- space shuttle orbiter
[NASA-CH-160146] p0359 N79-20068

GAPS

- Analysis of field air bearing turbomachinery in aircraft environmental control systems
[ASME PAPER 78-TEA-5-14] p0027 N79-12567

- Static evaluation of surface coatings for compliant gas bearings in an oxidizing atmosphere to 650 C
[IAEA 79-1622] p0347 N79-31957

- Operating characteristics of a cantilever-mounted compliant-pad gas-lubricated thrust bearing
[NASA-TP-14390] p0427 N79-22516

- Evaluation of stiffness and damping coefficients for fluid-film bearings
[NASA-TP-14390] p0585 N79-23675

GAS CHROMATOGRAPHY

- Evaluation of the application of some gas chromatographic methods for the determination of properties of synthetic fuels
[ASME PAPER 78-TEA-5-14] p0258 N79-25917

- Evaluation of the application of some gas chromatographic methods for the determination of properties of synthetic fuels
[ASME PAPER 78-TEA-5-14] p0258 N79-25917

- Analysis of aircraft fuels and related materials
[AD-A070733] p0720 N79-33338

GAS COOLED REACTORS

- HT HIGH TEMPERATURE GAS COOLED REACTORS

- Gas Cooling

- Jet cooling at the rim of a rotating disk
[ASME PAPER 78-CST-25] p0196 A79-22333

GAS DETECTORS

- Emission probe investigation of a mixed flow JT8D-11 turbofan engine
[AD-A058038] p0050 N79-11561

GAS DYNAMICS

- NT AERODYNAMICS

- NT AEROTHERMODYNAMICS

- NT RAREFIED GAS DYNAMICS

- NT ROTOR AERODYNAMICS

- NT SUPERSONICS

- Experimental study of the gasdynamic characteristics of a nozzle guide vane row with air ejection onto the vane surface
[NASA-TP-80051] p0862 N79-16787

- Numerical investigation of the gasdynamic characteristics of control nozzles
[NASA-TP-80051] p0197 N79-22409

- Gas flow in nozzles --- Russian book
[AD-A066560] p0247 A79-32025

- Characteristics of Laval nozzles with gasdynamic regulation
[AD-A067341] p0080 N79-30650

- Calculation of the working process in a piston-type 'slow' compression wind tunnel
[AD-A066560] p0850 N79-36548

- Gas turbine in gas turbine engines
[AD-A070733] p0525 N79-42547

- Experimental study of the gasdynamic characteristics of a stator cascade with cooling air discharge through the vane surface
[NASA-TP-80051] p0613 N79-48498

- The aerothermodynamics of aircraft gas turbine engines
[AD-A057984] p0165 N79-14103

- Design of multistage compressors with consideration of the real behavior of gas and gas mixtures
[NASA-TP-80051] p0309 N79-19390

- Aerodynamics
[ASME PAPER 78-TEA-5-14] p0480 N79-23908

- Transonic wing redesign using a generalized fictitious gas method
[AD-A070733] p0705 N79-32202

GAS EXPANSION

- Density changes and turbulence production in the expansion or compression of a turbulent flow at supersonic speed

GAS FLOW

- NT AIR FLOW

- NT COMBUSTION FLOW

- NT FREE MOLECULAR FLOW

- NT JET FLOWS (METEOROLOGY)

- NT FRICTIONAL FLOW

- NT MOLECULAR FLOW

- NT Nonequilibrium FLOW

- NT SUPERSONICS

- NT SUPERSONIC FLIGHT PATHS

- NT TURBULENT FLOW

- NT TRANSITION FLOW

- NT VERTICAL AIR CURRENTS
Residual-stress formation during the thermal hardening of components in gas-turbine engines

Operational experience with linked-blade high-output gas-turbine parts

Thermal cycling endurance problems in gas-turbine engines

Prediction of gas-turbine alloy creep characteristics

Potential uses of rapidly solidified alloys in gas turbine engines

Comparison of BTJS and TEM characteristics in a supersonic cruising flight --- Bypass Turbojet Engine

Optimizing gas-turbine engine flexible rotor balancing by the 1-search method

Intensification of fuel vaporization in aircraft gas turbine engines by electrical forces

Design of proportional-plus-integral controllers for multivariable systems

Designing a ring for protecting the gas-turbine engine casing from fragments of the rotor

Method of determining precipitates formed during thermal-structural mission analyses of air-cooled turbine nozzle parts

Double recirculation zone two-stage combustor --- for aircraft engine emissions reduction

Turbine performance analysis and engine to rig correlation

Propulsion research – current status and future prospects --- aircraft turbine engines

Researches on air-cooled high-temperature turbine blade cascade --- Japanese book

The effect of slot configuration and arrangement on the characteristics of jet flow

Considerations of cooling method of turbine blade from view points of thermal stress and life

A two-dimensional cascade test of an air-cooled turbine nozzle

An analytical method of evaluating the effect of cooling-air on air-cooled turbine performance utilizing the small-deviation method

The Advanced Low-Emissions Catalytic-Combustor Program: Phase I – Description and status --- for gas turbine engines

A general solution for distorted flows in cascades of aerfoils

Surge-induced structural loads in gas turbines

Starting torque characteristics of small aircraft gas turbines and APU's

An experimental study of endwall and airfoil surface heat transfer in a large scale turbine
**GAS TURBINE REGIMES**

**Fault diagnosis of gas turbine engines by means of**

**Development of a 'no adjustment' turboshaft engine**

**Long-life GTE operation based on technical condition**

**Influence of gas turbine engine combustion chamber**

**Estimation, for advanced technology engines**

**Gas turbines for ACV's and hydrofoils**

**Nozzles for vectored thrust jet engines**

**Regenerator matrices for automotive-gas turbines**

**The application of multiple swirl modules in the**

**Optimal thermodynamic design of gas turbine**

**Duct noise radiation through a jet from an engine**

**Factors controlling stability of swirling flames**

**Gas turbines for flight vehicle engines: Theory,**

**Gas turbines for flight vehicle engines:**

**Gas turbines for flight vehicle engines:**

**Heat transfer over the internal sections of**

**Analytical-kinetic models for the evaluation of**

**Basic problems of aircraft gas turbine engine**

**Model tests on cooling of gas turbine blades**

**Study of T53 engine vibration**

**Seal technology in Gas Turbine Engines**

**Gas path sealing in turbine engines**

**Oil sealing in engine bearing compartments**

**The contribution of dynamic X-ray to gas turbine**

**Gas turbine disc sealing system design**

**Thermal-structural mission analyses of air-cooled**

**Gas turbine blades**

**Experimental clean combustor program: Phase 3:**

**Turbulence measurement addendum**

**Development of sprayed ceramic seal systems for**

**Cold-air performance of free power turbine**

**Gas turbines for flight vehicle engines:**

**Analytical evaluation of the impact of broad**

**Future fuels for aviation**

**Integrated gas turbine engine-nacelle**

**Variable area exhaust nozzle**

**The aerothermodynamics of aircraft gas turbine**

**Research on centrifugal effects on turbine rotor**

**Fluidized bed gas turbine experimental unit for**

**MIS applications**

**A method to estimate weight and dimensions of**

**Study of mean- and turbulent-velocity fields in a**

**Air Force Turbine engine emission survey.**

**Air Force Turbine engine emission survey.**

**US Air Force turbine engine emission survey.**

**US Air Force turbine engine emission survey.**
Optical selection of the geometrical characteristics of the reversing channel of a small-scale turbine with readmission of the gas -- for aircraft auxiliary power systems

Effectiveness of readmission of the gas in high-precision small-scale turbines -- for aircraft auxiliary power systems

Theoretical approach to spray combustion in gas turbine combustor

Aerodynamic improvement of the inlet pipe of a gas turbine

Particle trajectories near an airfoil with a film-cooled leading edge

Particle trajectories in turbine cascade

Results of power systems study advanced fighter/attack and V/STOL airplanes

Icing test facilities at the National Gas Turbine Establishment

Icing tests of a small gas turbine with inertial separation anti-icing system

Apparatus and method for reducing thermal stress in a turbine rotor

Principles of jet engine operation

Deterioration and improving labyrinth seal performance in current and advanced high performance gas turbines

Preliminary evaluation of several nondestructive-evaluation techniques for silicon nitride gas-turbine rotors

Wear of seal materials used in aircraft propulsion systems

Turbofan exit guide vane program -- exhaust nozzles

Exploratory development of an overall coating process for gas turbine components

Evaluation of motor gasoline in the jet fuel thermal oxidation tester -- fuel for gas turbine aircraft engines

Time degradation factors for turbine engine exhaust emissions. Volume 5: Pt5D-38 test data -- air pollution control

Combustion in the gas turbine, parts I, 2, 3

Heat transfer problems in advanced gas turbines for naval applications

Low cost expendable engine

Hybrid packaging of integrated circuits for engine controls -- jet engines

The flow through low cashered transonic turbine cascade

Introduction to cooling of gas turbine blades

Aerodynamic problems in cooled turbine blading design for small gas turbine

Closed Cycle Gas Turbines

Closed power cycles' analysis

Dyamic behaviour and control of single-shaft closed-cycle gas turbines

Closed Brayton cycle system optimization for undersea, terrestrial, and space applications

Calculation and design of closed cycle helium turbines for high temperature reactors

Research and evaluation program on a backup control system for gas turbine engines

Advanced technology fuel mass flowmeter

Turbine design system

Fundamentals of Gas Turbine combustion

Fuel hydrogen content as an indicator of radiative heat transfer in an aircraft gas turbine combustor

An investigation of vibration dampers in gas-turbine engines

Off-design performance of gas turbines, volume 1

The importance of off-design operation

The prediction of compressor blade row performance: Numerical methods and theoretical approaches

A gas turbine off-design computing system

Problems involved in starting and shutdown gas turbines: Thermodynamic and mechanical aspects

Regression Simulation of Turbine Engine Performance (NSTEP), task 1

Unloading the drive of gas distributor valves operating at high pressures

Fast-acting valves for use in shock tubes. II -- Formation of shock waves

GASOLINE

GASIFICATION

GASES

GAS METAL INTERACTIONS

GAS WELDING

GAS WELDING

GAS 

GASOLINE

GASIFICATION

GASES

GAS METAL INTERACTIONS

GAS WELDING

GAS METAL INTERACTIONS

GAS WELDING

GAS METAL INTERACTIONS

GAS WELDING

GAS METAL INTERACTIONS

GAS WELDING

GAS METAL INTERACTIONS

GAS WELDING

GAS METAL INTERACTIONS

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GAS METAL INTERACTIONS

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GAS WELDING

GAS METAL INTERACTIONS

GAS WELDING

GAS METAL INTERACTIONS

GAS WELDING

GAS METAL INTERACTIONS

GAS WELDING

GAS METAL INTERACTIONS

GAS WELDING
Evaluation of motor gasoline in the jet fuel thermal oxidation tester — fuel for gas-turbine aircraft engines
[AD-A061027]
Stability characteristics of hydrocarbon fuels from alternative sources
[STEC/ER-78/23]

Evaluation of gear teeth

[x]

GCESSERS

U MAGNETOMETERS

GC-130 AIRCRAFT

G-130 AIRCRAFT

GEAR TEETH

Design implications of recent gearbox noise and vibration studies — for helicopters
[SAE PAPER 790630]
p0458 A79-36757

Advanced technology applied to the CR-47D drive system
[SAE PAPER 781040]
p0258 A79-25908

The Lynx transmission and Conformal gearing — helicopter drive train
[SAE PAPER 781041]
p0258 A79-25909

Structural development of the Modernized Chinook helicopter transmission gearing
[ATAA 79-0728]
p0252 A79-28260

Vibration measurements on planetary gears of aircraft turbine engines
[ATAA 79-0712]
p0328 A79-29387

Disassembly inspection and overhaul of F-22A gear reduction and propeller assemblies
[AD-A057975]
p0165 A79-14104

Helicopter drive system M and M design guide
[AD-A060835]
p0652 A79-30180

GENERAL AVIATION AIRCRAFT

AT AGRICULTURAL AIRCRAFT

AT CESSNA 172 AIRCRAFT

[SAE PAPER 790630]
p0458 A79-36757

Turbine engines in light aircraft
[SAE PAPER 790640]
p0258 A79-25908

Energy conservation in general aviation and operation and maintenance of Avco Lycoming piston engines
[SAE PAPER 790641]
p0258 A79-25909

Energy conservation in general aviation piston powered aircraft
[SAE PAPER 790642]
p0258 A79-25908

Economy in flight operations
[SAE PAPER 790643]
p0258 A79-25908

Impact of fuel availability and other cost trends on general aviation
[SAE PAPER 790644]
p0258 A79-25908

Technological advancements in general aviation avionics
[SAE PAPER 790645]
p0258 A79-25908

Effect of forward speed on noise emission and thrust of small aircraft propellers
[DCSL PAPER 78-127]
p0061 A79-14080

Integrated FTC development — The next decade: The controller’s viewpoint
[SAE PAPER 790646]
p204 A79-23583

Suction fuel supply systems for turbine-powered general aviation aircraft
[SAE PAPER 790647]
p214 A79-23404

General aviation aircraft in the 1990's
[ATAA PAPER 79-0560]
p0258 A79-25866

NASA research on general aviation power plants
[ATAA PAPER 79-0561]
p0258 A79-25870

Small fan-jet engines — for business aircraft
[ATAA PAPER 79-0562]
p0260 A79-26531

NASA/FAA general aviation crash dynamics program — A status report
[ATAA 79-0780]
p0321 A79-29024

The GATE studies — Assessing the potential of future small general aviation turbine engines
[ATAA 79-0780]
p342 A79-30560

A NASA initiative for general aviation — The general aviation airfoil design and analysis service
[SAE PAPER 790648]
p346 A79-31613

Evaluation of GPS performance for low-cost general aviation
[SAE PAPER 790649]
p0477 A79-36065

Effects of a spin chute installation on spin characteristics — of light general aviation aircraft
[SAE PAPER 790650]
p0852 A79-36705

Spin flight research summary
[SAE PAPER 790651]
p0852 A79-36706

A demonstration Advanced Avionics System for general aviation
[SAE PAPER 790652]
p0852 A79-36707

The design and selection of optimum propellers for general aviation aircraft
[SAE PAPER 790653]
p0852 A79-36711

The analysis of propellers including interaction effects — for general aviation aircraft
[SAE PAPER 790654]
p0852 A79-36712

Design description of a four-place business jet using two RR-19 engines
[SAE PAPER 790655]
p0853 A79-36715

The Learjet 'Longhorn' series — The first jets with winglets
[SAE PAPER 790656]
p0853 A79-36717

Improving business jet performance — The Hawk Five Sabreliner
[SAE PAPER 790657]
p0853 A79-36718

A general aviation flight testing application of the on-board computer
[SAE PAPER 790658]
p0853 A79-36719

Design of quiet efficient propellers
[SAE PAPER 790659]
p0854 A79-36721

Crashworthiness analysis of field investigation of business aircraft accidents
[SAE PAPER 790660]
p0854 A79-36721

NASA general aviation crashworthiness seat development
[SAE PAPER 790661]
p0854 A79-36725

Propeller aircraft noise around general aviation airports
[SAE PAPER 790662]
p0455 A79-36728

Preliminary QCAT program test results — Quiet, Clean General Aviation Turbofan Engines
[SAE PAPER 790663]
p0455 A79-36729

Advanced braking controls for business aircraft
[SAE PAPER 790664]
p0455 A79-36731

Canadair Challenger flight test status
[SAE PAPER 790665]
p0455 A79-36734

Concepts for reducing exhaust emissions and fuel consumption of the aircraft piston engine
[SAE PAPER 790666]
p0456 A79-36737

New technologies for general aviation aircraft
[SAE PAPER 790667]
p0456 A79-36742

General aviation aircraft design for performance using small computers
[SAE PAPER 790668]
p0457 A79-36743

Development of the Beechcraft Model 77
[SAE PAPER 790669]
p0457 A79-36745

New opportunities for future small civil turbofan engines — Overviewing the GATE studies
[SAE PAPER 790670]
p0457 A79-36747

Rolls Royce RB.407-07 turbofan engine for business aircraft in the 1980's
[SAE PAPER 790671]
p0457 A79-36748

A review of Curtiss-Wright rotary engine developments with respect to general aviation potential
[SAE PAPER 790672]
p0457 A79-36749

Electromechanical actuation for business aircraft
[SAE PAPER 790673]
p0457 A79-36750

A comparison of hydraulic, pneumatic, and electro-mechanical actuators for general aviation flight controls
[SAE PAPER 790674]
p0457 A79-36751

A canister fuel pump for general aviation aircraft
[SAE PAPER 790675]
p0457 A79-36752

Engine induced structural-borne noise in general aviation aircraft
[SAE PAPER 790676]
p0457 A79-36754

Summary of noise reduction characteristics of typical general aviation materials
[SAE PAPER 790677]
p0457 A79-36755

Some main points about general-aviation design practice
[SAE PAPER 790678]
p0460 A79-37047

The dynamics of a general aviation pilot promotion campaign
[SAE PAPER 790679]
p0466 A79-38886
GENERAL AVIATION AIRCRAFT COND
SUBJECT INDEX

General aviation turbine engine /GATE/ concepts
[AIAA PAPER 79-1157] p0467 T79-38964
Turbo-fan design for general aviation - The
evolution of the RR.401
[AIAA PAPER 79-1160] p0467 T79-38966
The application of the Prop-Fan concept to
preliminary design of a very advanced technology
light twin /WATT/ '85*/
[AIAA PAPER 79-1343] p0472 T79-39047
Canadair Challenger -- business jet subsystems
and structural design
p0507 T79-40313
First flight imminent for new technology wing
p0508 T79-40327
Garrett ATF 3
p0533 T79-43669
Application of the equilibrium spin technique to a
typical low-wing general aviation design
[AIAA PAPER 79-1821] p0568 T79-47902
The effects of configuration changes on spin and
recovery characteristics of a low-wing general
aviation airplane
[AIAA PAPER 79-1822] p0568 T79-47907
Some flight data extraction techniques used on a
general aviation spin research aircraft
[AIAA PAPER 79-1822] p0568 T79-47907
Full-scale wind tunnel study of nacelle shape on
cooling drag
[AIAA PAPER 79-1820] p0607 T79-47900
Real time weather display in the general aviation
cockpit
[AIAA PAPER 79-1821] p0608 T79-47901
A cheap, effective icing detector for general
aviation aircraft
[AIAA PAPER 79-1823] p0608 T79-47902
The Beech Model 77 'Skipper' spin program
[AIAA PAPER 79-1835] p0608 T79-47907
Exploratory study of the influence of wing
leading-edge modifications on the spin
characteristics of a low-wing single-engine
general aviation airplane
[AIAA PAPER 79-1837] p0608 T79-47908
NASA/Princeton digital avionics flight test facility
p0635 T79-49364
A design perspective on new technologies for
general aviation
p0636 T79-49866
Experiences with an airborne digital computer
system for general aviation flight testing
[AIAA PAPER 79-1838] p0684 T79-51249
An advanced technology engine family for general
aviation
[AIAA PAPER 79-1161] p0685 T79-51705
NASA/JTA general aviation crash dynamics program -
An update
p0689 T79-52694
An overview of NASA research on positive
displacement type general aviation engines
[AIAA PAPER 79-1824] p0694 T79-53750
Pilot program to develop operating time emission
degradation factors for general aviation piston
engines
[AD-A058158] p0695 T79-11562
Basic avionics module design for general aviation
aircraft
[NASA-CH-159953] p0993 T79-12081
NASA research on general aviation power plants
[NASA-TM-19031] p0994 T79-12086
Low-speed aerodynamic characteristics of a
16-percent-thick variable-geometry airfoil
designed for general aviation applications
[NASA-TP-1326] p1057 T79-14016
Preliminary CCAT program test results
The gate studies: Assessing the potential of
future small general aviation turbine engines
[NASA-TM-79075] p1079 T79-15058
The rotary combustion engine: A candidate for
general aviation conferences
[NASA-CP-2067] p1080 T79-15063
Overview of NASA general aviation programs
p0221 T79-15961
Developement status of rotary engine at Toyo Kogyo
--- for general aviation aircraft
p0221 T79-15964
Update of development on the new Audi NSU rotary
generator --- for application to
to aircraft engines
p0221 T79-15965
Review of the Rhein-Flugzeugbau Wankel powered
aircraft program --- ducted fan engines
p0221 T79-15966
Rotary engine developments at Curtiss-Wright over
the past 20 years and review of general aviation
engine potential --- with direct chamber injection
p0221 T79-15966
Engine requirements for future general aviation
aircraft
p0221 T79-15968
General aviation airplane structural
crashworthiness programs manual
[FAA-RD-78-120] p0229 T79-16814
Test of crash-resistant fuel system for general
aviation aircraft
[FAA-RD-78-122] p0229 T79-16815
Development, experimental verification and
application of program RHANS for general
aviation airplane structural crash dynamics
[LR-241158] p0230 T79-16817
Assessment of new technologies for general
aviation aircraft
[GREC-4] p0232 T79-16837
New opportunities for future small civil turbine
engine manufacturers: Overviewing the GTE studies
Gust response analyses for ten general aviation
aircraft using a two-degree-of-freedom power spectral
technique
[ARAP-348] p0235 T79-16861
Briefs of accidents involving midair collisions, US
general aviation, 1977
[WTSB-ARM-78-13] p0269 T79-17829
Briefs of accidents involving rotorcraft, US
general aviation, 1977
Briefs of fatal accidents involving weather as a
cause/factor, US general aviation, 1977
[WTSB-ARM-78-16] p0269 T79-17832
Briefs of accidents involving alcohol as a
cause/factor, US general aviation, 1977
[WTSB-ARM-78-17] p0269 T79-17833
Briefs of accidents involving missing and missing
later recovered aircraft, US general aviation, 1977
[WTSB-ARM-78-18] p0269 T79-17834
Briefs of accidents, involving corporate/executive
aircraft, US general aviation, 1977
[WTSB-ARM-78-19] p0269 T79-17835
Briefs of accidents involving amscr/home built
aircraft, US general aviation, 1977
[WTSB-ARM-78-20] p0269 T79-17836
Briefs of accidents involving commuter air
carriers and on-demand air taxi operations, US
general aviation, 1977
[WTSB-ARM-78-22] p0269 T79-17838
Gust load estimation using a simplified power
spectral technique
[ARAP-362] p0294 T79-17870
Occupant injury mechanisms in civil helicopter
accidents
p0311 T79-19653
Study of future world markets for agricultural
aircraft
[NASA-CH-158937] p0377 T79-21000
Study of an advanced General Aviation Turbine
Engine (GATE)
[NASA-CP-159558] p0383 T79-21073
General aviation TFR operational problems
[NASA-CH-159522] p0399 T79-22066
A review of the icing situation from the
standpoint of general aviation
p0461 T79-23518
Low-speed wind tunnel results for a modified
13-percent-thick airfoil
[NASA-TH-1-74018] p0492 T79-24560
Advanced General Aviation Turbine Engine (GATE)
[NASA-CP-159603] p0497 T79-25017
A consideration of general aviation in the UK
[TT-7902] p0537 T79-26010
Investigation of a preliminary GPS receiver design
for general aviation
[AD-A069059] p0592 T79-29164
Advanced General Aviation Turbine Engine (GATE) study
The effect of oblique angle of sound incidence, realistic edge conditions, curvature and in-plane panel stresses on the noise reduction characteristics of general aviation type panels
[NASA-CR-157452] p0599 N79-29558
Radio-controlled model design and testing techniques for stall/spin evaluation of general-aviation aircraft
Development of crushworthy passenger seats for general-aviation aircraft
An overview of NASA research on positive displacement type general aviation engines [NASA-TM-79254] p0670 N79-31210
Exhaust emissions characteristics for a general aviation light aircraft Teledyne Continental Motors TSIO-360-C piston engine [AD-107060] p0670 N79-31211
Avionics cost development for use of Loran-C navigation systems by low performance general-aviation aircraft [AD-106626B] p0706 N79-32206
Single engine, fixed wing general aviation accidents [PB-297216/1] p0713 N79-33176

GENERAL DYNAMICS AIRCRAFT
MT CARDAIR AIRCRAFT
MT CL-41 AIRCRAFT
MT Y-102 AIRCRAFT
MT Y-106 AIRCRAFT
MT Y-111 AIRCRAFT

GENERAL DYNAMICS MILITARY AIRCRAFT
U MILITARY AIRCRAFT

GEODESY
Geodesy and coordinate conversion for position determination of aircraft. The basic geodetic shapes and position lines [NASA-CR-159100] p0397 N79-32581
Geodesy and coordinate conversion for position determination of aircraft [NASA-ADA-30964] p0533 N79-43507

GEOMETRY
MT ANGLE OF ATTACK
MT ANGLES (GEOMETRY)
MT CHORDS (GEOMETRY)
MT CIRCUMFERENCES
MT COLLINSY
MT DESCRIPTIVE GEOMETRY
MT ELEVATION ANGLE
MT FLOW GEOMETRY
MT HYPERBOLIC
MT LEADING EDGE SWEET
MT NOZZLE GEOMETRY
MT SPHERIC GEOMETRY
MT SPEEBOOK ANGLE
MT VECTOR ANALYSIS
MT VORTICITY
Introduction to the arcopter arc wing and the Bertelsen effect for positive pitch stability and control [NASA-CR-157452] p0480 N79-23985

GEOW (TRADEMARK)
POLYVINYL CHLORIDE

GEORGIA
Atlanta center upgraded third generation enroute ATC system operations: A case study [NASA-CR-156924] p0662 N79-18017

GEOSTATIONARY SATELLITES
SATELLITES SATELLITES

GEOTHERMAL RESOURCES
Infrared remote sensing on geothermal areas by helicopter [NASA-CR-30983] p0197 N79-22620

GEOTECHNICAL HANGERS
SHAVING EQUIPMENT

GERMANY
On the test procedures of the derivative balances used in West Germany [NASA-CR-157452] p0176 N79-15067
Wind tunnel measurements of dynamic derivatives in the German Federal Republic [NASA-TP-5-78] p0548 N79-27107

GIMBALLESS INERTIAL NAVIGATION

GIMMALS

Dynamics of nonideal gyroscopic systems [NASA-CR-30983] p0664 N79-14212
Composites gimbals materials study [NASA-CR-30983] p0506 N79-13083
Effect of several geometric parameters on the static internal performance of three nonaxisymmetric nozzle concepts [NASA-T-1468] [NASA-T-1468] p0538 N79-26142
Low-cost inertial navigation for moderate-g missions [NASA-1000617-11257] p0713 N79-33177

GLASS
MT GLASS FIBERS
Fatigue data on a variety of non-woven glass composites for helicopter rotor blades [NASA-CR-30983] p0393 N79-31029
Fiberglass flight controls --- of helicopters [NASA-CR-30983] p0695 N79-53892
Fabrication of fiberglass reinforced plastic surfacing under wet conditions [NASA-CR-30983] p0167 N79-14217

GLASS FIBERS
Fiberglass flight controls --- of helicopters [NASA-CR-30983] p0695 N79-53892
Manufacturing technology for fiber optic bundle cabling --- electric cables for aircraft [NASA-CR-30983] p0109 N79-13861
Fabrication of fiberglass reinforced plastic surfacing under wet conditions [NASA-CR-30983] p0167 N79-14217
Limited airworthiness and flight characteristics evaluation model 214A helicopter with fiberglass main rotor blades [NASA-CR-30983] p0716 N79-33197

GLAUCOB COEFFICIENTS
U AERODYNAMIC FORCES
U MACH NUMBER

GLIDE ANGLES
U GLIDE PATHS
A study of requirements, model configurations, and test plans for air cushion system comparison tests.  
[AD-A069006]  
p0585 879-26373

ACV cushion comparison tests: Preliminary review and definition of model and tests.  
[AD-A068888]  
p0586 879-26374

Free-pitch-roll analysis and testing of air cushion landing systems.  
[NASA-CR-2917]  
p0651 879-30175

GROUND HANDLING  
Reducing air pollutant emissions at airports by controlling aircraft ground operations.  

A simulator study of aircraft ground-run handling in the Posim Research Simulator - Some results and experiences.  
p0259 879-26498

Airplane dynamic wheel loads during ground maneuvering - computer program for L-1011 aircraft.  
[XIA 79-0739]  
p0319 879-29011

Material developments for airline safety - impact on the safety of ground maintenance employees.  
p0531 879-43277

Preventing fires in aviation fuel storage and transport systems. II.  
p0536 879-43744

A study of a aircraft towing as proposed for Boston-Logan International Airport — airfield surface movements.  
[FAA-AR-77-77]  
p0237 879-16681

The 1990 direct support infrastructure.  
p0589 879-27115

GROUND OPERATIONAL SUPPORT SYSTEM  
New test concepts and their influence on maintenance.  
[DGLR 79-022]  
p0397 879-31949

GROUND SPEED  
Design and demonstration of a system for routine, unassisted supersonic flights.  
[FAA-RD-77-77]  
p0231 879-16828

Simulation study to evaluate a constant-ground-speed approach method in moderate and severe wind shears.  
[NASA-TM-80060]  
p0362 879-20009

Airborne determination of ground speed: A feasibility study — instrument landing system approaches.  
[AD-A073193]  
p0714 879-33182

GROUND STATIONS  
Emergency position-indicating radio-beacon systems using 406 MHz hand mobile-satellite service.  
p0112 879-17095

Siting criteria for NLS stations. II.  
p0261 879-28108

Increasing the accuracy of integrated Doppler/TACAN navigation through frequent change of TACAN stations.  
p0514 879-47778

Introduction to ground station systems of, and civil applications of remotely piloted vehicles.  
p0218 879-15945

GROUND SUPPORT EQUIPMENT  
GT GROUND OPERATIONAL SUPPORT SYSTEM  
VOR - Its past, present, and future.  
p0076 879-16161

High level maintenance below sea level.  
p0076 879-16161

F-16 depot automatic test equipment.  
p0465 879-38825

Airpower power supply — Russian book.  
p0625 879-48895

Potential applications of acoustic emission technology as a nondestructive evaluation method for naval aviation ground support.  
[AD-A056650]  
p0039 879-10439

Performance of graphite epoxy as an antenna ground plane.  
[AD-A058346]  
p0108 879-13247

Apparatus for measuring an aircraft's speed and height.  
[NASA-CASE-LAB-12275-1]  
p0298 879-18296

GROUND SUPPORT SYSTEMS  
AR/VS/N-49/F/ATE for worldwide support of the F-16.  
p0624 879-48880

GROUND TESTS  
GT COLD FLOW TESTS  
Certification-compliance demonstration by flight or simulation.
GUIDANCE SENSORS

situation [NASA-CASE-PBC-11065-1] p0495 W79-28988
Design guidance from fighter CCV flight evaluations p0699 W79-30235

GUIDANCE SENSORS
Air Force applications for optical rotation rate sensors p0281 W79-28322
Increasing guidance accuracy through use of an integrated digital piloting system [DGLR PAPER 79-084] p0520 W79-42369
Use of a gyroscope with adjustable torsion suspension in precise gyroscopic sensors p0534 W79-43511
The implementation and application of a sensor interfacing unit for strapdown inertial systems [WAL-TR-532] p0230 W79-16821

GUIDE VANES
WT VANES
Application of nonsseries airfoil design technology to highly loaded turbine exit guide vanes [ASME PAPER 79-GT-105] p0008 W79-10787
Experimental study of the gasdynamic characteristics of a nozzle guide vane row with air ejection onto the vane surface p0002 W79-16878
Mean velocity and decay characteristics of the guidervane and stator blade wake of an axial flow compressor [ASME PAPER 79-GT-9] p0339 W79-10507
Influence of freely rotating inlet guide vanes on the return flows and stable operating range of an axial flow fan [ASME PAPER 79-GT-31] p0340 W79-30517
Study of mean- and turbulent-velocity fields in a large-scale turbine-vane passage [ASME PAPER 79-GT-33] p0340 W79-30519
Engine evaluation of a vibration damping treatment for inlet guide vanes [ASME PAPER 79-GT-163] p0395 W79-32425
Further test results with the airjet distortion generator - A new tool for aircraft turbine engine testing [ASME PAPER 79-1185] p0510 W79-40752
Measurement of heat transfer rate to turbine blades and nozzle guide vanes in a transient cascade p0527 W79-42891
Aerodynamic effects of an attitude control vane on a tilt-nacelle V/STOL propulsion system [AIAA PAPER 79-1855] p0699 W79-47914
Experimental study of the gasdynamic characteristics of a stator cascade with cooling air discharge through the vane surface p0613 W79-48098
Turbo exit guide vane program --- exhaust nozzles [AD-A060343] p0164 W79-14101
Aerodynamic performance of axial-flow fan stage operated at nine inlet guide vane angles --- to be used on vertical lift aircraft [NASA-PF-15109-CT-105] p0671 W79-31214
Laminated turbine vane design and fabrication --- utilizing film cooling as a cooling system [NASA-CR-159655] p0716 W79-33204

GUNS (ORDNANCE)
Ultrasonic method of gun gas detection --- for engine ingestion prevention in F-15 p0642 W79-50166
Precision controllability of the F-15 airplane [NASA-TH-72861] p0487 W79-23979
Array aircraft fire control systems performance evaluation [AD-A077058] p0715 W79-33194

GUST ALLEVIATORS
Flutter suppression and gust alleviation using active controls - Review of developments and applications based on the aerodynamic energy concept p0156 W79-20128
Gust alleviation using direct turbulence measurements [AIAA 79-1674] p0568 W79-45339

SUBJECT INDEX
Gust alleviation - Criteria and control laws [AIAA 79-1676] p0568 W79-45340
The Total In-Flight Simulator (TIFS) aerodynamics and systems description and analysis --- maneuver control and gust alleviators [NASA-CR-158965] p0716 W79-16113
C-5A load alleviation --- active lift distribution control system p0237 W79-16875
Gust alleviator feasibility study for C-141 p0659 W79-30230

GUST LOADS
Method for determining maximum allowable stress for preliminary aircraft wing design p0016 W79-11370
Aerodynamic forces in finite wings in oscillatory flow - An experimental study p0060 W79-13980
Study of the integration of active control elements in the high lift system of a transport aircraft into maneuver control, gust-load control, and direct control of lift [DGLR PAPER 78-111] p0660 W79-14069
Gust response and its alleviation for a helicopter rotor in cruising flight p0113 W79-18662
Helicopter simulation in atmospheric turbulence p0113 W79-18663
Nonlinear gust loads analysis - Monte Carlo vs. describing function analysis [AIAA PAPER 79-0660] p0339 W79-19514
A multi-disciplinary approach to structural design for stochastic loads [AIAA PAPER 79-0238] p0148 W79-19613
A low-frequency aerodynamic element method and its application to the harmonic gust response analysis of a flexible airplane p0190 W79-21475
Gust response to lateral gusts - Exploratory study p0389 W79-32278
Gust spectrum fatigue crack propagation in candidate skin materials p0399 W79-33201
Lifting surface approach to the estimation of gust response of finite wings p0407 W79-38596
Analysis of an unsteady aerodynamic force on a blade due to ununiform amplitude gusts p0873 W79-39059
Structural loads due to gusts on semi-buoyant airships [AIAA 79-1581] p0522 W79-42384
Methods of gust spectra prediction for fatigue damage p0563 W79-48461
Gust response analyses for ten general aviation aircraft using a two-degree-of-freedom power spectral technique p0235 W79-16861
Gust response and its alleviation for a hingeless helicopter rotor in cruising flight [AD-A051341] p0235 W79-16862
C-5A load alleviation --- active lift distribution control system p0237 W79-16875
Gust load estimation using a simplified power spectral technique [ARAP-362] p0294 W79-17870
Effect of flight load spectrum variations on fatigue life of riveted specimens and crack propagation in sheet made of Alclad 7076-T6 [MLR-TR-78071-U] p0367 W79-21447
Gust alleviation due to non-stationary atmospheric turbulence patches [MLR-TR-78073-U] p0707 W79-32216

A-242
Subject Index


Gusts

The Dulles Airport pressure-sensor array for gust-front detection - System design and preliminary results p0192 A79-21919

A small aircraft gust-probe system for studies of boundary layer convection and transport p0193 A79-21972

The status of air motion measurements on BGM aircraft p0193 A79-21973

Gust-vehicle parameter identification by dynamic simulation in wind-tunnels p0180 N79-15097

The response of aircraft to discrete ramp gusts [FAR-TP-77165] p0222 N79-15971

Gyration

MT AUTOROTATION

MT ROTATION

GYROCOMPASSES

Compass system for small aircraft p0539 A79-43510

Low-cost inertial navigation for moderate-g missions [NASA-TN-76611] p0706 N79-32205

Gyrointeraction

U MAGNETIC RIGIDITY

Gyroplanes

U HELICOPTERS

Gyroscopes

U GYROSCOPES

Gyros

U GYROSCOPES

Gyroscoopes

MT ATTITUDE GyROS

MT ELECTROSTATIC GyROSCOPES

MT GYROCOMPASS

MT GYROSCOPIC PENDULUMS

MT GYROSTABILIZERS

MT OPTICAL GyROSCOPES

MT ROTARY GyROSCOPES

Inertial technology and reliability -- for navigation systems p0082 A79-16584

Use of a gyroscope with adjustable torsion suspension in precise gyroscopic sensors p0534 A79-35511

SLIC-7 laser gyro investigations --- thermal and storage stability [AD-4059028] p0100 N79-13021

Failure modes and redundancy analysis for the Multifunction Inertial Reference Assembly (MIRA) [AD-4061883] p0222 N79-16834

Gyroscoope DEKPT

U Gyroscoopes

U Gyroscopic Stability

Gyroscopic PENDULUMS

Autonomous navigation system --- using gyroscopic pendulums and globes for air navigation system which disposes [NASA-CAS5-ABC-11257-1] p0713 N79-33177

Gyroscoope Stabilization

Comparision of typical gyro-errors for strapdown applications p0067 A79-14662

Inertial measuring unit for strapdown application p0068 A79-14663

The DC-800 -- A rugged, high performance heading reference unit --- directional gyro design considerations p0619 A79-48677

GyroStabilizers

Considerations on optimal self-alignment of gyrostabilized platforms p0068 A79-14671

Stabilizing electro-optical systems on helicopters p0657 N79-30216

Gyrostats

U Gyroscopes

H

H-53 HELICOPTER

Pave Low III --- H-53 helicopter avionics for night/adverse weather rescue of military aircraft p0619 A79-48682

CH-53 digital automatic flight control system p0693 N79-35638

The effect of operations on the ground noise footprints associated with a large multibladed, nonbanging helicopter p0400 N79-10651

Hailstorms

Cloud physics observations inside hailstorms with an armored aircraft data system p0192 A79-21960

Hall currents

U ELECTRIC CURRENT

Halogen compounds

ST FLUORO COMPOUNDS

ST POLYTETRAFLUOROETHYLENE

Hamburgers aircraft

ST HFP-320 AIRCRAFT

Harbinger HFP-320 AIRCRAFT

U HFP-320 AIRCRAFT

Handbooks

ST USER HANDBOOKS (COMPUTER PROGRAMS)


Handling equipment

Handling problems through compressor deterioration p0514 A79-27169

Handling Qualities

U CONTROLLABILITY

Hang Gliders

A new life saving application for the parachute [AIAA 79-0456] p0264 A79-26659

Hardening (MaterialS)

MT HARDENING (SYSTEMS)

Protection/hardening of aircraft electronic systems against the indirect effects of lightning p0683 N79-51146

Hardness

High strength stitching for aircraft personnel restraint systems p0404 A79-33639

Hardware

Visual simulation requirements and hardware p0223 N79-15983

Harmonic Analysis

A low-frequency aeroelastic element method and its application to the harmonic gust response analysis of a flexible airplane p0190 A79-21475

Harmonic Oscillation

Harmonic vibrations of an annular wing in the steady flow of an ideal fluid p0028 A79-12963

Theoretical prediction of dynamic stall on oscillating airfoils [AMR 78-62] p0125 A79-18183

On methods for application of harmonic control -- helicopter vibration reduction by blade pitch variation p0131 A79-18657

Unsteady thin airfoil theory for transonic flows with embedded shocks [AIAA 79-03203] p0163 A79-19597

Harmonic oscillations of annular wing in steady ideal fluid flow p0601 A79-47009

A procedure for analyzing transonic flow over harmonically oscillating airfoils p0352 N79-20003

Harmonics

U HARMONICS

Harmonics
HARRIER AIRCRAFT

Composite wing technology on the AV-8B advanced aircraft
[ADS 79-53] p0124 A79-18176

Powered wind tunnel testing of the AV-8B - A straightforward approach pays off
[HAA PAPER 79-0333] p0202 A79-23557

Head-up Display and Weapon Aiming Computer /HUD/MC/ system for the Sea Harrier
[HAA PAPER 79-0072] p0332 A79-29482

Sea Harrier night and low visibility approach development
p0332 A79-29483

An X-22A flight experiment to investigate control-display requirements for the AV-8B VTOL aircraft
p0332 A79-29484

The British Aerospace Harrier: Case study in aircraft design --- Book
p0451 A79-36644

Alleviation of stability and control difficulties of a V/STOL Type B aircraft
[HAA 79-1705] p0573 A79-45412

Flight demonstration of the AV-8B V/STOL concept
[HAA PAPER 79-1704] p0604 A79-51249

Aircraft takeoff from a ski-jump platform
p0607 A79-52138

Is the AV-8B Advanced Harrier aircraft ready for full-scale development?
[VP-290826/7] p0495 A79-24987

Simulation and study of V/STOL landing aids for USMC AV-6 aircraft
p0657 A79-30214

HARDWARE FLOW

Heat generation in cavities at high velocity flights --- resonance-pipe effect
[SAE-PWT-77-20] p0288 N79-17815

HAWKER SIDDELEY AIRCRAFT

VT COMET & AIRCRAFT
VT HARRIER AIRCRAFT
HAWK AIRCRAFT
U E-2 AIRCRAFT

HAZARDS

VT AIRCRAFT HAZARDS
VT FLIGHT HAZARDS
VT TANGENT HAZARDS

Proceedings of the Aircraft Wake Vortices Conference
[AD-A055510] p0159 A79-14031

Static electricity hazards in aircraft fuel systems
[AD-A061950] p0260 A79-17012

An assessment of local risk --- to area associated with commercial operations of aircraft with graphite fiber composite structures
p0426 A79-22209

Factors affecting electrostatic hazards
[AD-A066927] p0501 A79-25245

Feasibility of non-catastrophic ejection and hazard of an ejection seat rocket plate
[AD-A067080] p0539 A79-26036

HC-1 HELICOPTER
U CB-47 HELICOPTER
HDI-1 GROUND EFFECT MACHINES
U NOVEMBER GROUND EFFECT MACHINES

HEAD-UP DISPLAY

Acousto-optic methods of character generation for aircraft laser displays
p0071 A79-15178

Presentation of thermal or residual-light TV images on head-up displays for night or all-weather operations --- for military helicopters
p0079 A79-16240

Operator and technician tasks for the head-up display test set and versatile avionics shop test /VAST/
[VP-290826/7] p0080 A79-16446

V/STOL all weather HUD landing simulation /Status report/
p0331 A79-29478

Head-up Display and Weapon Aiming Computer /HUD/MC/ system for the Sea Harrier
p0332 A79-29482

An X-22A flight experiment to investigate control-display requirements for the AV-8B VTOL aircraft
p0332 A79-29484

SUBJECT INDEX

HC-153s get 'heads-up' research --- head-up displays in midair refueling
p0350 A79-32244

F/A-18 Hornet display system
p0617 A79-48830

Helmet mounted display and sight development
[ADS 79-17] p0628 A79-49707

Head aiming/tracking accuracy in a helicopter environment
[AD-605864] p0102 A79-13041

Holographic lens for pilot's head up display, phase 1
[AD-605860] p0102 A79-13043

Control and display concepts for combat aircraft --- head-up displays and helmet display sight system
p0354 A79-20019

Energy maneuverability display validation --- F-16 aircraft

A review of some head-up display formats --- tests on sensing equipment for flights following partly visible terrain close to the ground

HEARING

HT ACOUSTIC FATIGUE

Hearing Loss
U AUDITORY EFFECTS

HEAT CONDUCTION
U CONDUCTIVE HEAT TRANSFER

HEAT CONVECTION
U ENTHALPY

HEAT DISSIPATION
U COOLING

HEAT DISSIPATION CHILLING
U COOLING

HEAT EFFECTS
U TEMPERATURE EFFECTS

HEAT EQUATIONS
U THERMODYNAMICS

HEAT EXCHANGERS

The F-16 environmental control system
[AD-A060920] p0027 A79-12560

The utilization of data relating to fin geometry and manufacturing processes of ceramic matrix systems to the design of ceramic heat exchangers
p0028 A79-12824

Choice of optimal parameters for a heat exchanger with heat pipes for a gas turbine engine
p0526 A79-42552

Performance of hot fuel in a single tube heat exchanger test rig
[AD-A058044] p0106 A79-13-43

HEAT FLOW

U HEAT TRANSMISSION

HEAT FLUX
Application of shock-tube technology to the measurement of heat-transfer rate to gas turbine components
p0072 A79-15211

Measurement of heat transfer rate to turbine blades and nozzle guide vanes in a transient cascade
p0527 A79-42891

High heat flux actively cooled honeycomb sandwich structural panel for a hypersonic aircraft

HEAT GENERATION

Heat generation in cavities at high velocity flights --- resonance-pipe effect
[SAE-PWT-77-28] p0288 N79-17815

HEAT MEASUREMENT
Application of shock-tube technology to the measurement of heat-transfer rate to gas turbine components
p0072 A79-15211

Measurements of heat transfer in circular, rectangular and triangular ducts, representing typical turbine blade internal cooling passages using transient techniques
[AD-A059920] p0391 A79-32343

Measurement of heat-transfer rate to a gas turbine stator
[AD-A057961] p0399 A79-32935

Measurement of heat transfer rate to turbine blades and nozzle guide vanes in a transient cascade
p0527 A79-42891
An investigation of the influence of fuselage flow field on rotor loads, and the effects of vehicle configuration.  Preprint 79-03480

2D simulation of unsteady phenomena on a rotor --- helicopter design.  Preprint 79-03481

Rotor blade lag frequency optimization using visco-elastic damping --- for helicopters.  Preprint 79-03482

The role of rotor impedance in the vibration analysis of rotocraft.  Preprint 79-03483

Finite element dynamic analysis of production aircraft --- for rotor induced helicopter airframe vibrations.  Preprint 79-03484

The prediction of helicopter crew information requirements.  Preprint 79-03485

An operators viewpoint on future rotocraft R & D criteria.  Preprint 79-03486

U.S. Army helicopter technology initiatives.  Preprint 79-03487

Advancements in design and testing of helicopter drive systems.  Preprint 79-03488

Demonstration of potential acoustic growth from conventional cabin soundproofing treatments.  Preprint 79-03489

Cabin noise reduction for the Agusta A-109 helicopter.  Preprint 79-03490

Integration of nondestructive testing methods into design for structural integrity assurance.  Preprint 79-03491

Design and checking of helicopter transmission components using photoelastic analysis techniques.  Preprint 79-03492

The unsafe zone for single engine helicopters --- height-speed envelopes at engine failure.  Preprint 79-03493

Flight research capabilities of the NASA/Army Rotor Systems Research Aircraft.  Preprint 79-03494

Green' s function method for the computational aerodynamic analysis of complex helicopter configurations.  Preprint 79-03495

Recent developments in helicopter noise reduction.  Preprint 79-03496

Helicopter aerodynamics.  Preprint 79-03497

[DGLR PAPER 76-225] The influence of the fuselage flow field on rotor loads and the effects of vehicle configuration.  Preprint 79-03498


An advanced composite helicopter main rotor hub.  Preprint 79-03500

Sikorsky S-76 stresses performance.  Preprint 79-03501

A helicopter fuselage design concept.  Preprint 79-03502

Helicopter rotor radius optimization.  Preprint 79-03503

Advanced overrunning clutch technology --- UH-60A helicopter transmission application.  Preprint 79-03504


Fracture mechanics and fail-safe design for helicopter rotor structures.  Preprint 79-03506

Perspectives of technological development for helicopters.  Preprint 79-03507

Structural development of the Modernized Chinook helicopter transmission gearing.  Preprint 79-03508

Structural stiffening of transmission housings with metal matrix materials.  Preprint 79-03509

Design and development of an helicopter rotor hub and elastographic bearing.  Preprint 79-03510

An overview of technical problems in helicopter rotor loads prediction methods.  Preprint 79-03511

Displays for Army combat aviation.  Preprint 79-03512

Study of some characteristics of helicopter rotor operation on the basis of a numerical experiment.  Preprint 79-03513

Advanced technology applied to the OH-60A and S-76 helicopters.  Preprint 79-03514

Review of problems of unsteady aerodynamics of helicopters.  Preprint 79-03515

Experimental analysis of V.H.F. antennas for helicopter housing systems using scale-model techniques.  Preprint 79-03516

Composite applications at Bell Helicopter.  Preprint 79-03517

New versus existing engines for new helicopter systems --- A life cycle cost view.  Preprint 79-03518

User requirements for future combat search and rescue vehicles.  Preprint 79-03519

H-I combat search and rescue avionics study results.  Preprint 79-03520

Helicopter obstacle strike tolerance.  Preprint 79-03521

A system for interdisciplinary analysis --- a key to improved rotocraft design.  Preprint 79-03522

Composite helicopter tail booms.  Preprint 79-03523

Designing with experimental mechanics --- three-dimensional photoelastic analysis of helicopter components.  Preprint 79-03524

Dynamics requirements for an Advanced Scout Helicopter /ASH/.  Preprint 79-03525

Evaluation of the practical aspects of vibration reduction using structural optimization techniques.  Preprint 79-03526

Spirit helicopter handling qualities design and development.  Preprint 79-03527

Development of a fly-by-wire elevator for the Bell Helicopter Textron 214ST.  Preprint 79-03528

Model 206L composite litter door.  Preprint 79-03529

Superplastic forming diffusion bonding of titanium helicopter airframe components.  Preprint 79-03530

Ground test vehicle testing --- UH-60A helicopter development programs.  Preprint 79-03531

Design, analysis, and testing of a new generation tail rotor.  Preprint 79-03532

Ten years of Aerospatiale experience with the fenestron and conventional tail rotor.  Preprint 79-03533

Interactional aerodynamics - A new challenge to helicopter technology.  Preprint 79-03534

Helicopter noise rules - Are they appropriate and reasonable.  Preprint 79-03535

Aerospatiale AS.350 and AS.355.  Preprint 79-03536

Design and development of the Agusta A-109 helicopter.  Preprint 79-03537

The Bell Model 222.  Preprint 79-03538

Naval architectural considerations in the design of a helicopter.  Preprint 79-03539

A study of some characteristics of the operation of a lifting propeller by numerical experiment.  Preprint 79-03540

Composite rotors - An evolving art.  Preprint 79-03541

Composite noise reduction --- helicopter structures.  Preprint 79-03542

Composites important to Black Hawk --- OH-60A helicopter.  Preprint 79-03543
The cost of applying current helicopter external noise reduction methods while maintaining realistic vehicle performance

Helicopter internal noise control: Three case histories

Head aiming/tracking accuracy in a helicopter environment

Interactional aerodynamics of the single rotor helicopter configuration. Volume 7-A: Harmonic analyses of airframe surface pressure data, runs 7-14, forward section

Interactional aerodynamics of the single rotor helicopter configuration. Volume 7-C: Harmonic analyses of airframe surface pressure data, runs 15-22, forward sections

Interactional aerodynamics of the single rotor helicopter configuration. Volume 2-F: Harmonic analyses of airframe surface pressure data, runs 23-33, forward section

Interactional aerodynamics of the single rotor helicopter configuration. Volume 2-G: Harmonic analyses of airframe surface pressure data, runs 7-14, aft section

Interactional aerodynamics of the single rotor helicopter configuration. Volume 2-H: Harmonic analyses of airframe surface pressure data, runs 7-14, midsection

Interactional aerodynamics of the single rotor helicopter configuration. Volume 2-I: Harmonic analyses of airframe surface pressure data, runs 15-22, aft section


Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.

Interactional aerodynamics of the single rotor helicopter configuration.
HELICOPTER PERFORMANCE

[AMS 79-40]
Aerospatiale AS.350 and AS.355

Engine/airframe/drive train dynamic interface
documentation
[AD-A0566556]
p0631 A79-49092

Review of engine/airframe/drive train dynamic
interface development problems
[AD-A047932]
p0653 A79-12092

Engine/airframe/drive train dynamic interface
documentation
[AD-A0581917]
p0905 A79-12093

US Army helicopter fatigue requirements and
substantiation procedures
p0434 A79-23075

Driveshaft alignment indicator
[AD-A0465988]
p0867 A79-23973

Helicopter transmission vibration and noise
reduction program. Volume 3: Evaluation of
fiber PP metal-matrix housing specimens
[AD-A046709]
p0904 A79-29933

Prediction of aeroelastic instabilities in
rotorcraft

Development of spiral-groove self-acting seals for
helicopter engines
[SAE-CR-159622]
p0711 A79-32551

HELICOPTER PERFORMANCE

Helicopter transport efficiency payoffs from
advanced technology
[SAE PAPER 780536]
p0005 A79-10405

The role of flight dynamic modeling in helicopter
certification
[SAE PAPER 780550]
p0005 A79-10409

Application of the lifting line concept to
helicopter computation
[TRITA, TP NO. 1978-96]
p0118 A79-11571

Preventing helicopter mid-air collisions with the
proximity warning device
p0065 A79-14813

Early identification of high-maintenance rotors
p0074 A79-15411

Lynx reliability and maintainability design and
military service experience --- helicopter
performance
p0079 A79-16242

Improvement of safety for helicopter crews
p0079 A79-16243

Airworthiness of helicopters /Ciera Memorial
Lecture/
p0118 A79-18004

What are the lift and propulsive force limits at
high speed for the conventional rotor
[AMS 78-02]
p0118 A79-18128

Full-scale wind tunnel test of a modern helicopter
main rotor - Investigation of tip Mach number
effects and comparisons of four tip shapes
[AMS 78-03]
p0119 A79-18129

Rotor-airfoil flight investigation - Preliminary
results
[AMS 78-05]
p0119 A79-18132

Design and development tests of a four-bladed
light helicopter rotor system
[AMS 78-07]
p0119 A79-18134

Environmental vibration testing of helicopter
stores and equipment to the procedures outlined
in MIL-STD-970C
[AMS 78-20]
p0121 A79-18146

Use of helicopter flight simulation for
height/velocity test predictions and flight test
risk reduction
[AMS 78-41]
p0123 A79-18164

Generalizing helicopter flight test performance
data /C/TPLFY/
[AMS 78-44]
p0123 A79-18167

Digital simulation of the Operational Loads Survey
flight tests
[AMS 78-58]
p0125 A79-18179

The aeroelastically conformable rotor concept
[AMS 78-59]
p0125 A79-18180

Theoretical prediction of dynamic stall on
oscillating airfoils
[AMS 78-62]
p0125 A79-18183

A new approach to rotor blade stall analysis
p0129 A79-18644

Improvements in rotor performance by rotor tip
blowing
p0130 A79-18650

An experimental study of coupled rotor-body
aeroelastic instability of hingeless rotors in hover
p0130 A79-18656

Effect of structural coupling parameters on the
flap-lag forced response of a rotor blade in
forward flight using Floquet theory
p0130 A79-18657

Application of the finite element method to
rotary-wing aeroelasticity --- in helicopter
hovering flight
p0131 A79-18659

Gust response and its alleviation for a hingeless
helicopter rotor in cruising flight
p0131 A79-18662

Helicopter simulation in atmospheric turbulence
p0131 A79-18663

Simulation requirements for rotorcraft --- visual
display, motion cue and computer considerations
p0132 A79-18666

Correlation aspects of helicopter flight mechanics
and pilot behaviour
p0132 A79-18667

Casualty evacuation by helicopter
p0132 A79-18669

Sea behaviour prediction of helicopters through
free model tests
p0132 A79-18670

Ice protection systems of the Puma --- helicopter
operations
p0134 A79-18684

Hybrid heater/paste and heater/flexible coating
schemes for de-icing helicopter rotor blades
p0134 A79-18685

Helicopter flight-path and acoustic-signal
repeatability for noise-diagnosis and
noise-certification
p0134 A79-18686

Helicopter noise standards - Another point of
view: a national approach to rotorcraft noise
regulation
p0135 A79-18687

Theoretical modeling of high-speed helicopter
impulsive noise
p0197 A79-22474

Parameter identification applied to analytic
hingeless rotor modeling
p0197 A79-22475

Infrared remote sensing on geothermal areas by
helicopter
p0197 A79-22620

Sikorsky S-76 stresses performance
p0198 A79-22839

Reliability based quality /RQ/ technique for
evaluating the degradation of reliability during
manufacturing --- for army helicopter systems
and components
p0205 A79-23631

Calculated hovering helicopter flight dynamics
with a circulation-controlled rotor
p0212 A79-24179

Some statistical data on birds strike to aircraft
and helicopters over the territory of the Soviet
Union
p0325 A79-29354

Modeling helicopter flight dynamics --- Russian book
p0346 A79-31501

Inflatable survival systems for helicopters
p0403 A79-33624

Helicopter emergency escape
p0403 A79-33626

The derivation of a thickness noise formula for
hingeless rotor modeling
p0410 A79-35449

A review of helicopter control-display
requirements for decentering instrument approach
[IzAA 79-1683]

Experimental investigation of helicopter flight
response on helicopter-generated noise
p0604 A79-47873

Helicopter performance methodology at Bell
Helicopter Textron
[AMS 79-2]
p0626 A79-49055

Helicopter obstacle strike tolerance
[AMS 79-7]
p0626 A79-49059
HELICOPTERS

- NT S-61 HELICOPTER
- NT RIGID ROTOR HELICOPTERS
- NT P-531 HELICOPTER
- NT MILITARY HELICOPTERS
- NT UN-61A HELICOPTER
- NT UN-61A HELICOPTER

Interactional aerodynamics of the single rotor helicopter configuration. Volume 7-A:
Frequency analyses of wake split-films data, air ejectors with hubs -- utility aircraft
[AD-0062595] p0360 N79-20077

Interactional aerodynamics of the single rotor helicopter configuration. Volume 7-B:
One-third octave band spectrograms of wake single film data, hubcaps and air ejectors -- utility aircraft
[AD-0062641] p0360 N79-20078

Interactional aerodynamics of the single rotor helicopter configuration, volume 7-C:
Frequency analyses of wake split-films data, basic configuration wake explorations
[AD-0063712] p0361 N79-20121

Interactional aerodynamics of the single rotor helicopter configuration. Volume 7-D:
Frequency analyses of wake split-films data, fairings and surface devices -- utility aircraft
[AD-0062402] p0361 N79-20081

Interactional aerodynamics of the single rotor helicopter configuration. Volume 7-E:
Frequency analyses of wake split-films data, air ejectors with hubs -- utility aircraft
[AD-006211] p0361 N79-20080

Interactional aerodynamics of the single rotor helicopter configuration. Volume 7-F:
Frequency analyses of wake split-films data, fairings and surface devices -- utility aircraft
[AD-0063218] p0379 N79-21010

Interactional aerodynamics of the single rotor helicopter configuration. Volume 7-G:
One-third octave band spectrograms of wake single film data, hubcaps and air ejectors -- utility aircraft
[AD-0063248] p0379 N79-21015

Interactional aerodynamics of the single rotor helicopter configuration. Volume 7-H:
One-third octave band spectrograms of wake single film data, basic configuration wake explorations
[AD-0063741] p0382 N79-21391

Interactional aerodynamics of the single rotor helicopter configuration. Volume 7-I:
Frequency analyses of wake split-films data, fairings and surface devices -- utility aircraft
[AD-0063262] p0383 N79-21393

HELICOPTERS

- NT OH-5 HELICOPTER
- NT OR-8 HELICOPTER

Helicopter Acoustics, part 2 --- conferences
[ASA-CP-2052-PS-2] p0038 N79-10664

Finite element analysis of helicopter blade slap noise
[ASA-CP-2053-PS-2] p0039 N79-10453

Subjective evaluation of helicopter blade slap noise

Helicopter cabin noise: Methods of source and path identification and characterization

A practical approach to helicopter internal noise prediction

The influence of the noise environment on crew communications
<table>
<thead>
<tr>
<th>SUBJECT INDEX</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>HELIUM</td>
<td></td>
</tr>
<tr>
<td>Helicopter Icing Symposium</td>
<td>p0541 N79-26048</td>
</tr>
<tr>
<td>Icing tests of a UH-1 helicopter with an electrothermal ice protection system under simulated and natural icing conditions</td>
<td>p0541 N79-26050</td>
</tr>
<tr>
<td>The influence of feedback on the aeroelastic behavior of tilt proprotor aircraft including the effects of fuselage motion</td>
<td>p0549 N79-27125</td>
</tr>
<tr>
<td>Experimental and theoretical studies on model helicopter rotor noise</td>
<td>p0589 N79-29984</td>
</tr>
<tr>
<td>A simulation model of attack helicopter vulnerability to hostile artillery fire</td>
<td>p0593 N79-29179</td>
</tr>
<tr>
<td>Helmet noise level functions for use in community noise analyses</td>
<td>p0600 N79-29984</td>
</tr>
<tr>
<td>Helicopter obstacle strike tolerance concepts analysis</td>
<td>p0652 N79-30179</td>
</tr>
<tr>
<td>Helicopter drive system R and M design guide</td>
<td>p0652 N79-30180</td>
</tr>
<tr>
<td>Helicopter drive system R and M design guide</td>
<td>p0652 N79-30181</td>
</tr>
<tr>
<td>Investigations on the design of active vibration isolation systems for helicopters with rigid and elastic modeling of the fuselage</td>
<td>p0653 N79-30183</td>
</tr>
<tr>
<td>The guidance and control of Helicopters and V/STOL aircraft at night and in poor visibility</td>
<td>p0655 N79-30198</td>
</tr>
<tr>
<td>The development and in-flight evaluation of a triplex digital autostabilization system for a helicopter</td>
<td>p0655 N79-30200</td>
</tr>
<tr>
<td>Some aspects of the design and development of the maritime autopilot nodes for the Westland Lynx helicopter</td>
<td>p0655 N79-30201</td>
</tr>
<tr>
<td>A self contained collision avoidance system for helicopters</td>
<td>p0656 N79-30206</td>
</tr>
<tr>
<td>An advanced guidance and control system for rescue helicopters</td>
<td>p0657 N79-30217</td>
</tr>
<tr>
<td>The promise of multicyclic control --- to control fatigue of blade loads and rotor vibration</td>
<td>p0663 N79-31137</td>
</tr>
<tr>
<td>Load spectrum measuring equipment. Part 1: Details of 100 Y system presently used to acquire data in Wessex M 318 helicopters</td>
<td>p0668 N79-31194</td>
</tr>
<tr>
<td>A compilation and analysis of helicopter handling qualities data. Volume 2: Data analysis</td>
<td>p0672 N79-31222</td>
</tr>
<tr>
<td>Performance predictions and trials of a helicopter data link</td>
<td>p0675 N79-31476</td>
</tr>
<tr>
<td>Helicopter flow field analysis</td>
<td>p0702 N79-32174</td>
</tr>
<tr>
<td>Some nonlinear problems in transonic helicopter acoustics</td>
<td>p0712 N79-32974</td>
</tr>
<tr>
<td>Nondestructive evaluation of fiber reinforced epoxy composites: A state-of-the-art survey applicable to helicopter structures</td>
<td>p0719 N79-33263</td>
</tr>
<tr>
<td>HELIODOR</td>
<td></td>
</tr>
<tr>
<td>Calculation and design of closed cycle helium turbos for high temperature reactors</td>
<td>p0423 N79-22098</td>
</tr>
<tr>
<td>HELIUM-NEON LASERS</td>
<td></td>
</tr>
<tr>
<td>Small hole drilling and inspection with pulsed laser systems --- in air-cooled aircraft engine structures.</td>
<td>p0470 N79-39012</td>
</tr>
<tr>
<td>HERLIESZ</td>
<td></td>
</tr>
<tr>
<td>Helmet mounted display and sight development</td>
<td>p0628 N79-45070</td>
</tr>
<tr>
<td>An active noise reduction system for aircrew helmets</td>
<td>p0800 N79-10853</td>
</tr>
<tr>
<td>Control and display concepts for combat aircraft</td>
<td>p0354 N79-20019</td>
</tr>
<tr>
<td>HERCULES AIRCRAFT</td>
<td></td>
</tr>
<tr>
<td>U C-130 AIRCRAFT</td>
<td></td>
</tr>
<tr>
<td>HERMETIC SEAL S</td>
<td></td>
</tr>
<tr>
<td>Development of hermetically sealed low-maintenance high-density packaging for ejection seat-mounted personnel parachutes</td>
<td>p0402 N79-13316</td>
</tr>
<tr>
<td>HERMETIC POLYMERYS</td>
<td></td>
</tr>
<tr>
<td>Exterior flow with an isoperimetric Herelite cubic element</td>
<td>p0697 N79-54290</td>
</tr>
<tr>
<td>HETEROCYCLIC COMPOUNDS</td>
<td></td>
</tr>
<tr>
<td>NT PHOTOLACTIN</td>
<td></td>
</tr>
<tr>
<td>HETERODYNING</td>
<td></td>
</tr>
<tr>
<td>NT OPTICAL HETERODYNING</td>
<td></td>
</tr>
<tr>
<td>HFP-320 AIRCRAFT</td>
<td></td>
</tr>
<tr>
<td>In-flight handling qualities investigation of various longitudinal short term dynamics and direct lift control combinations for flight path tracking using DYLAN HFP 320 variable stability aircraft</td>
<td>p0660 N79-30237</td>
</tr>
<tr>
<td>HUP HELICOPTER</td>
<td></td>
</tr>
<tr>
<td>U H-5 HELICOPTER</td>
<td></td>
</tr>
<tr>
<td>HIGH ACCELERATION</td>
<td></td>
</tr>
<tr>
<td>The effect of chordwise flexibility on the lift of a rapidly accelerated airfoil</td>
<td>p0343 N79-30923</td>
</tr>
<tr>
<td>HIGH ALTITUDE</td>
<td></td>
</tr>
<tr>
<td>Aircraft stability characteristics at high angles of attack</td>
<td>p0179 N79-15009</td>
</tr>
<tr>
<td>NACA research on hydrogen for high altitude aircraft</td>
<td>p0239 N79-16999</td>
</tr>
<tr>
<td>New initiatives in high altitude aircraft</td>
<td>p0239 N79-17000</td>
</tr>
<tr>
<td>Sensitivity study for a remotely piloted microwave-powered sailplane used as a high-altitude observation</td>
<td>p0580 N79-28134</td>
</tr>
<tr>
<td>HIGH ALTITUDE BALLOONS</td>
<td></td>
</tr>
<tr>
<td>NT SUPERPRESSURE BALLOONS</td>
<td></td>
</tr>
<tr>
<td>Wind study for high altitude platform design</td>
<td>p0524 N79-42398</td>
</tr>
<tr>
<td>High altitude powered platform --- a microwave powered airship</td>
<td>p0525 N79-42405</td>
</tr>
<tr>
<td>Transatlantic flights of stratospheric balloons</td>
<td>p0677 N79-31687</td>
</tr>
<tr>
<td>HIGH ALTITUDE ENVIRONMENTS</td>
<td></td>
</tr>
<tr>
<td>Planning the high elevation/high temperature airport</td>
<td>p0005 N79-10002</td>
</tr>
<tr>
<td>Mode 2 studies for high altitude platform system</td>
<td>p0247 N79-24715</td>
</tr>
<tr>
<td>Measurement of ozone in an aircraft</td>
<td>p0405 N79-34925</td>
</tr>
<tr>
<td>HIGH ALTITUDE FLIGHT</td>
<td></td>
</tr>
<tr>
<td>U FLIGHT</td>
<td></td>
</tr>
<tr>
<td>U HIGH ALTITUDE</td>
<td></td>
</tr>
<tr>
<td>HIGH ALTITUDE TESTS</td>
<td></td>
</tr>
<tr>
<td>High altitude altimeter flight test</td>
<td>p0542 N79-26054</td>
</tr>
<tr>
<td>HIGH ASPECT RATIO WINGS</td>
<td></td>
</tr>
<tr>
<td>Theory of large-aspect ratio wings in transonic gas flow</td>
<td>p0222 N79-12226</td>
</tr>
<tr>
<td>An aerodynamic optimization procedure for composite high aspect ratio wings</td>
<td>p0282 N79-28258</td>
</tr>
<tr>
<td>Theory of oblique wings of high aspect ratio</td>
<td>p0159 N79-14044</td>
</tr>
<tr>
<td>HIGH ASPECT RATIO WINGS</td>
<td></td>
</tr>
<tr>
<td>U SLENDERS WINGS</td>
<td></td>
</tr>
<tr>
<td>HIGH CURRENT</td>
<td></td>
</tr>
<tr>
<td>Laboratory simulation of swept lightning storms</td>
<td>p0680 N79-51131</td>
</tr>
<tr>
<td>/Engineering test/</td>
<td></td>
</tr>
<tr>
<td>HIGH ENERGY FUELS</td>
<td></td>
</tr>
<tr>
<td>High energy R&amp;D fuels development program</td>
<td>p0616 N79-14239</td>
</tr>
<tr>
<td>HIGH FIELD RATCHETS</td>
<td></td>
</tr>
<tr>
<td>All electric subassemblies for next generation transport aircraft</td>
<td>p0608 N79-47906</td>
</tr>
<tr>
<td>HIGH FREQUENCIES</td>
<td></td>
</tr>
<tr>
<td>The penetration of electromagnetic fields into aircraft from externally mounted NP antennas</td>
<td>p0910 N79-52891</td>
</tr>
<tr>
<td>Prediction of unsteady aerodynamic forces in high frequency oscillatory flow</td>
<td></td>
</tr>
</tbody>
</table>
HIGH GAIN
HIGH BELTING COMPOUNDS
HIGH PRESSURE
HIGH RESOLUTION
HIGH SPEED
HIGH STRENGTH ALLOYS
HIGH TEMPERATURE
HIGH TEMPORARY POLAR REGIONS
HIGH REFRACTORY MATERIALS
HIGH Q
HIGH RESOLUTION
HIGH SPEED FLIGHT
HIGH SPEED TRANSPORTATION
HIGH STRENGTH
HIGH STRENGTH ALLOWS
HIGH STRENGTH STEELS
HIGH TEMPERATURE

Computation of the radiation characteristic of antennas on complicated structures in the high frequency region. Principle of the geometrical theory of diffraction [DPFLR-FM-78-02]
Filtering technique based on high-frequency plant modeling for high-gain control [NASA-CASE-LAB-12215-1]
Filtering technique based on high-frequency plant modeling for high-gain control [NASA-CASE-LAB-12215-1]
High altitude helicopter high grain control [NASA-CH-159552]
High latitude
U Polar Regions
U Refractory Materials
U Q factors
U high speed flight
U flight
U High speed
U High speed transportation
U Rapid transit systems
U high strength
U Aerospace usage versus commercial utilization of graphite fiber reinforced epoxy composites
U influence of thermomechanical treatment on microstructure and mechanical properties of high strength aluminum alloys [DBR-FB-77-50]
U High strength allows
U high strength steels
U Decreasing stress concentrations in structures made of high-strength material
U Structural aluminum materials for the 1990's [AIAA 79-0755]
U Investigation into the effect of residual stresses on fatigue strength and measurement of residual stress, with special reference to aircraft construction [FAA-LIB-TRANS-1977]
U High strength steels
U Low cost structure by substituting AP1410 steel for titanium—In airplanes
U Future trends in aircraft structural materials
U High temperature Planning the high elevation/high temperature airport [SAT PAPER 780532]
U Development of a high temperature rotary actuator for aircraft hydraulic systems [AD-5057931]
U Fabrication of titanium at high temperatures [AIAA 79-0639]
U Review of the AGARD S and T panel evaluation program of the NASA-Lewis SRP approach to high-temperature ICP life prediction [P0555 79-27179]
U High temperature allows
U Heat resistant allows
U High temperature environments
U Fuel tank sealant requirements for advanced high performance aircraft [AIAA 79-3807]
U High temperature fluids
U High temperature gas cooled reactors
U Calculation and design of closed cycle helium turbines for high temperature reactors [P042 79-22098]
U High temperature gases
U Augmented vectored thrust engines and the problem of avoiding hot gas recirculation [ASME paper 79-GT-10]
U Choice of optimal parameters for a heat exchanger with heat pipes for a gas turbine engine [P052 79-42552]
U Hot flow testing of multiple nozzle exhaust ductor systems—Cooling exhaust gas from gas turbine powered ships [AD-A0622051]
U High temperature lubricants
U Design problems of small turbomachinery [P042 79-22097]
U High temperature materials
U Refractory materials
U High temperature nuclear reactors
U High temperature gas cooled reactors
U High temperature research
U A high temperature turbine research module [ASME paper 79-GT-73]
U Screening properties of silicon-base ceramics for turbine engine applications [ASME paper 78-WA/GT-12]
U High temperature tests
U Measurement of heat transfer and forces on very high temperature models in a closed subsonic wind tunnel [P052 79-22098]
U A system which uses a laser beam to control the regime of vibration tests with turbine and compressor blades [P036 79-28638]
U Effectiveness of the antioxidant additive isonol in jet fuels [P052 79-29121]
U Static evaluation of surface coatings for compliant gas bearings in an oxidizing atmosphere to 650°C [P052 79-27185]
U Transient ablation of Teflon in intense radiative and convective environments [P046 79-38123]
U Non-flammable polyimide materials for aircraft and spacecraft applications [JAP paper 79-204]
U High voltages
U Laboratory tests to determine lightning attachment points with small aircraft models/Engineering test [P069 79-53355]
U High voltage
U Military aircraft
U military aircraft
U Hindrance
U Constrains
U hinge moments
U torque
U Hinged rotor blades
U Hinges
U rotating wings
U hingeless rotors
U rigid rotors
U hinges
U Moments on the hub of a lifting propeller with hinge-counted blades [P022 79-12216]
HOLDERS

Milestones in the history of parachute development
Historical development of worldwide supersonic aircraft
Executive summary of Aircraft Icing Specialists Workshop

HOLDERS

HOT CAGE Holders
HOLE DISTRIBUTION (MECHANICS)
Airfoil cooling hole plugging by combustion gas
Inerticals of the type found in coal derived fuels
Stress intensity analysis: Analytical, finite element for surface flaws, holes
Bolted field repair of composite structures --- repairing fuel cell composite wing surfaces
Investigation of air stress from combustor-liner air entry holes, 3

HOLOGRAPHIC INTERFEROMETRY
Determination of the wave drag of an airfoil in a transonic flow by shear interferometers
Possibilities concerning the nondestructive testing of composite materials with the aid of holography
Application of finite-element and holographic techniques in the design of turboshaft engine components

HOLOGRAPHIC SPECTRASCOPE
Holography and LDV techniques, their status and use in airfoil research

HOLOGRAPHY
Possibilities concerning the nondestructive testing of composite materials with the aid of holography
Holographic lens for pilot's head up display, phase a

HOLOGRAPHIC ANALYTIC FUNCTIONS

HORNS DEVICES
Optoelectronic devices for flight vehicle control systems --- Russian book
Experimental analysis of F.R.P. antennas for helicopter boring systems using scale-model techniques

HONEYCOMB STRUCTURES
A cyclic load test for environmental durability evaluation on bonded honeycomb structure --- aircraft Al panels
A helicopter fuselage design concept
Adhesive bonded structure of new pressurized piston twin aircraft
Summary of noise reduction characteristics of typical general aviation materials
Structural adhesive bond repair of aircraft flight control surfaces
The repair of adhesively bonded aircraft structures using vacuum pressure
Operation and test of composite horizontal stabilizer for the Sikorsky Spirit helicopter
High heat flux actively cooled honeycomb sandwich structural panel for a hypersonic aircraft
Design and fabrication of a radiatively actively cooled honeycomb sandwich panel
Evaluation of new bonding systems for depot-level maintenance of aircraft honeycomb panels

BOOKS
Arresting hook installation, land based aircraft, emergency
A relative motion analysis of horizontal collision avoidance
A system for providing an integrated display of instantaneous information relative to aircraft attitude, heading, altitude, and horizontal situation
A relative motion analysis of horizontal collision avoidance

HORIZONTAL TAIL SUBURBS
Aircraft wake flow effect and horizontal tail buffet --- pressure distribution and responses of fighter aircraft in transonic maneuvers
Aerodynamic development of a small horizontal tail for an active control relaxed stability transport application
Alternation of the aerodynamic properties of an aeroplane with the tail-first configuration and with the conventional configuration
Optimum tail plane design for sailplanes

HOT CIRCLE PROPULSION SYSTEM
U TIP DRIVEN ROTORS
HOT EXTRUDING
HOT GAS SYSTEMS
HOT JET EXTRUDING
HOT JET TIP EXTRUDING
HOT PRESSING
Experience with net-shape processes for titanium alloys
Hot isostatic pressing structural materials for ramjet applications
Design and fabrication of advanced titanium structures
Application of hot isostatic pressing to aircraft gas turbines
Heat treatment of P/N nickel-base superalloys for turbine disks

HOT SURFACES
The tendency of jet fuels to form deposits on a heated surface
Ignition of fuel sprays by hot surfaces and stabilization of aircraft fires

HOT-FILM ANEMOMETAS
Split-film anemometer measurements on an airfoil with turbulent separated flow

HOT-WIRE ANEMOMETAS
Hot-wire measurements of stall and separation on an NACA 4412 airfoil at maximum lift

HOT-WIRE PLOWNETERS
A cyclic load test for environmental durability evaluation on bonded honeycomb structure --- aircraft Al panels

HOT-FILM ANEMOMETAS
Split-film anemometer measurements on an airfoil with turbulent separated flow

HOT-WIRE ANEMOMETAS
Hot-wire measurements of stall and separation on an NACA 4412 airfoil at maximum lift
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HUMAN FACTORS ENGINEERING

* The electronic flight deck: a review of current developments
  p0016 A79-11175

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  p0016 A79-11136

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  p0025 A79-12396

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* Development of anti-G valves for high performance aircraft
  p0066 A79-14401

* Explosive removal of egress panels for emergency escape from helicopters underwater
  p0066 A79-14414

* Designing airport terminals for transfer passengers
  p0128 A79-18573

* Cabin noise reduction for the Agusta A-109 helicopter
  p0135 A79-18693

* Development of nois and vibration ride comfort criteria
  p0198 A79-22921

* Flight deck alarm systems
  p0205 A79-23590

* U.S. Navy developments in crashworthy seating
  p0252 A79-25541

* Seat/Overhead crash dynamic analysis verification test program
  [SAE PAPER 790595] p0454 A79-36724

* NASA general aviation crashworthiness seat development
  [SAE PAPER 790591] p0454 A79-36725

* Tachystoscopic testing of onboard instruments
  p0065 A79-38817

* Display monitoring problems: for aircraft pilots
  p0507 A79-90015

* A statistical analysis of selected human factors involved in aviation safety
  [AD-A051284] p0089 A79-12052

* Policy impacts of ATC automation: Human factors considerations
  [AD-A051064] p0160 A79-14060

* Summary report of the Human Factors Committee
  p0244 A79-17429

* Design outline for a new multiunit ATC simulation facility at NASA-Ames Research Center
  p0284 A79-17501

* Internal cockpit reflections of external point light sources for the model YH-6 advanced attack helicopter
  p0311 A79-19643

* Control and display concepts for combat aircraft:
  head-up displays and helmet display sight system
  p0354 A79-20019

* Mission simulation as an aid to display assessment
  p0355 A79-20020

* The time budget as a criterion for the workload of air traffic controllers
  [ABM-GPS-1353-0] p0483 A79-23903

* Energy maneuverability display validation: for F-16 aircraft

* Study of the theoretical to real correspondence of an optimal control model and the significance of this model for the description of working methodology with partly automated aircraft guidance and control systems
  [ZLR-35] p0556 A79-27188

* Research on visual display integration for advanced fighter aircraft
  [AD-A069605] p0553 A79-30188

* The equipment-system interface in an antiaircraft helicopter at night
  p0657 A79-30211

* Cockpit displays of traffic information: airline pilots opinions about content, symbology, and format
  [NASA-TH-78601] p0703 A79-31205

HYDRAULIC CONTROL

Engineering studies of aircraft hydraulic drives

A-250
<table>
<thead>
<tr>
<th>HYDRAULIC EQUIPMENT</th>
<th>HYDRAULIC HEATING SOURCES</th>
</tr>
</thead>
<tbody>
<tr>
<td>HYDRAULIC EQUIPMENT</td>
<td>HYDRAULIC HEATING SOURCES</td>
</tr>
</tbody>
</table>

- Russian book

### HYDRAULIC EQUIPMENT

- A direct drive fly-by-wire system
- An electric control for an electrolydraulic active control aircraft landing gear
- A research study into the reliability of various fuel, hydraulic and air conditioning components of military aircraft
- Formulation of empirical formulas for calculating aircraft deicing and air-conditioning systems
- Model study of transient processes in a hydraulic power amplifier
- Development of a high temperature rotary actuator for aircraft hydraulic systems
- A study of the effect of different can designs on the resistance of networks --- Russian book
- Lightweight hydraulic system extended endurance test
- The priming of a wind tunnel with a hydraulic compressor
- The sizing of a wind tunnel with a hydraulic compressor
- Program for the critical components of a fly-by-tube backup flight control system, part 1

### HYDRAULIC FLUIDS

- Advanced fluidic temperature studies
- Water absorption of fluids/oils --- contamination of aircraft engine oils and inhibitors

### HYDRAULIC HEATING SOURCES

- Program for the critical components of a fly-by-tube backup flight control system, part 1

### HYDRAULIC HEATING SOURCES

- Water tunnel visualization of the vortex flow of the F-15
- Water tunnel flow visualization - Insight into complex three-dimensional flow fields --- around fighter aircraft

### HYDRAULIC VALVES

- A research study into the reliability of various fuel, hydraulic and air conditioning components of military aircraft
- Formulation of empirical formulas for calculating aircraft deicing and air-conditioning systems
- Model study of transient processes in a hydraulic power amplifier
- Development of a high temperature rotary actuator for aircraft hydraulic systems
- A study of the effect of different can designs on the resistance of networks --- Russian book
- Lightweight hydraulic system extended endurance test
- The priming of a wind tunnel with a hydraulic compressor
- The sizing of a wind tunnel with a hydraulic compressor
- Program for the critical components of a fly-by-tube backup flight control system, part 1

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- Water tunnel flow visualization - Insight into complex three-dimensional flow fields --- around fighter aircraft

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- The priming of a wind tunnel with a hydraulic compressor
- The sizing of a wind tunnel with a hydraulic compressor
- Program for the critical components of a fly-by-tube backup flight control system, part 1

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- Water tunnel visualization of the vortex flow of the F-15
- Water tunnel flow visualization - Insight into complex three-dimensional flow fields --- around fighter aircraft

### HYDRAULIC VALVES

- A research study into the reliability of various fuel, hydraulic and air conditioning components of military aircraft
- Formulation of empirical formulas for calculating aircraft deicing and air-conditioning systems
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- Development of a high temperature rotary actuator for aircraft hydraulic systems
- A study of the effect of different can designs on the resistance of networks --- Russian book
- Lightweight hydraulic system extended endurance test
- The priming of a wind tunnel with a hydraulic compressor
- The sizing of a wind tunnel with a hydraulic compressor
- Program for the critical components of a fly-by-tube backup flight control system, part 1

### HYDRAULIC HEATING SOURCES

- Water tunnel visualization of the vortex flow of the F-15
- Water tunnel flow visualization - Insight into complex three-dimensional flow fields --- around fighter aircraft
HYDROELASTICITY

- a gliding flat-bottomed plate with keel
- Thermoelastic and dynamic phenomena in seals
  [AD-A061754]
- Performance of a TAP-2 hydrofoil
  [AD-A065102]
- Aerohydroelastic opening of a shell in unsteady flow
  p0325 N79-29151

HYDROFOIL BOATS
U HYDROFOIL CRAFT
U HYDROFOIL WAVES
- Gas turbines for A/C's and hydrofoils
  p0604 N79-47865
- Jet propulsion for A/C's and hydrofoils
  p0604 N79-47867

HYDROFOILS
- The hydrofoil sea-plane as high-speed naval craft
  p0532 A79-84356
- Performance of a TAP-2 hydrofoil
  [AD-A065102]
  p0443 N79-23261

HYDROGEN
- NT LIQUID HYDROGEN
  Hydrogen enrichment for low-emission jet combustion
  p0190 N79-21347
- NASA research on hydrogen for high altitude aircraft
  p0239 N79-16599

HYDROGEN COMPOUNDS
U NT HYDROXYLIC ACID
U NT HYDROXYCITRIC ACID
U NT HYDROXYIC ACID
U NT HYDROXYCITRIC ACID

HYDROGEN ENGINES
- Initial wind tunnel tests at Mach 4 and 7 of a hydrogen-burning, airframe-integrated scramjet
  [AIAA 79-7045]
  p0330 N79-29413

HYDROGEN FUELS
- Critical influence of finite rate chemistry and unmixedness on ignition and combustion of supersonic R-2 air streams
  [AIAA PAPER 79-0355]
  p0146 N79-19666
- A model of transverse fuel injection applied to the computation of supersonic combustor flow
  [AIAA PAPER 79-0359]
  p0147 N79-19668
- Drag reduction by cooling in hydrogen fueled aircraft
  p0152 N79-20094

HYDRAULIC PROPERTIES
U DT MOISTURE CONTENT

HYDROSCOPICITY
- Characterizing expansive soils for airport pavement design
  [AD-A059795]
  p0168 N79-14247

HYPERSPECTRAL
- Sound radiation from hyperboloidal inlet ducts
  [AIAA PAPER 79-0677]
  p0267 N79-26685
- An experimental study of sound radiation from hyperboloidal inlet ducts
  [NASA-PH-80109]
  p0550 N79-27931

HYPHERBOLIC NAVIGATION
U HYDRODYNAMICS
- Lectures on hydroaeroelasticity --- Russian book

HYPERSONIC AIRCRAFT
- High speed interference heating loads and pressure distributions resulting from eleven deflections --- shock wave interaction effects on hypersonic aircraft surfaces
  [AIAA PAPER 79-0185]
  p0142 N79-19562
- Experimental investigation of the buckling characteristics of a beaded skin panel for a hypersonic aircraft - Including comparisons with finite element and classical analyses
  [ASME PAPER 78-WA/NAERO-3]
  p0188 N79-17917
- Recent advances in convectively cooled engine and airframe structures for hypersonic flight
  p0153 N79-20087
- Projected aircraft systems development
  [AIAA PAPER 78-194]
  p0189 N79-21278
- Steep calculation for thin-walled structures operating under unsteady heating and loading conditions
  p0348 N79-32046
- Structural concepts and experimental considerations for a versatile high-speed research airplane
  [NASA-TN-78743]
  p0162 N79-13019
- Configuration development study of the X-24C hypersonic research airplane
  [NASA-CH-157957]
  p0100 N79-13019
- Configuration development study of the X-24C hypersonic research airplane, phase 2
  [NASA-CH-145276]
  p0218 N79-15940
- Configuration development study of the X-24C hypersonic research airplane, phase 3
  [NASA-CH-145278]
  p0232 N79-16639
- Configuration development study of the X-24C hypersonic research airplane, phase 3
  p0232 N79-16639
ICE ENVIRONMENTS

ICE FORMATION

ICE OBSERVATION

ICE PREVENTION

ICE REPORTING

ICE STUDY

ICE TAKES ICE

ICE SEA ICE

ICE PACKS

ICE REPORTING

IDENTIFYING

IDENTIFICATION

IDENTIFYING SYSTEMS (IDENTIFICATION)

IDENTIFYING SYSTEMS (IDENTIFICATION)
The integrity of aircraft jet engines under the impact of foreign bodies

IMPACT SENSITIVITY
- IMPACT RESISTANCE
- IMPACT STRENGTH

Investigation of the crash impact characteristics of composite airframe structures

The application of composite to secondary structures

USAF impact resistance windshield technology program

The Charyp impact test as a method for evaluating impact resistance of composite materials

Windshield technology demonstrator program canopy

IMPACT TESTS

IMPACT DAMAGE
- IMPACT RESISTANCE
- IMPACT STRENGTH

Improved ballistic damage tolerant design through laminated metal construction

The survivability of helicopters to rotor blade ballistic damage

Impact behavior of filament-wound graphite/epoxy fan blades --- foreign object damage to jet engines

Damage-tolerant fan blade design

Non destructive evaluation /ND/ of impact damage in thick graphite composite aircraft structures

--- for dropped tools on airfields

Helicopter obstacle strike tolerance

Crashworthy armored crew seat for the UH-60A Black Hawk

Laboratory test procedures to determine lighting attachment points on actual aircraft parts /A qualification test/

Laboratory tests to determine the physical damage /direct effects/ caused by lightning /qualification test/

NT ACOUSTIC IMPEDANCE
- IMPACT RESISTANCE
- IMPACT STRENGTH

Impact of soft bodies on jet engine fan blades

Engineering analysis of crash injury in army aircraft

A method for selecting a crashworthy fuel system design

The approach to crew protection in the crash environment for the TAH-64

IN SERVICE IMPACT

IN SERVICE IMPACT

IMPACT LOADS

Composite components under impact load and effects of defects on the loading capacity

Panel Impact Attenuation System --- for B747 recovery

Begon pressure loading in soft body impacts --- on aircraft

Large plastic deformation analysis of impulsively loaded curved frames

IMPACT REDUCTION

U DECCELERATION
- IMPACT RESISTANCE
- IMPACT STRENGTH

Optical missile guidance for low mass and perpendicular impact

IMPACT RESISTANCE

IMPACT RESISTANCE

IMPACT RESISTANCE

Damage tolerant design of the TAH-64 drive system

Multidimensional advanced composites for improved impact resistance

Test methodology correlation for foreign object damage

Test of crash-resistant fuel system for general aviation aircraft

Rain erosion resistant materials in air and space travel

IMPACT RESISTANCE

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Damage tolerant design of the TAH-64 drive system

Multidimensional advanced composites for improved impact resistance

Test methodology correlation for foreign object damage

Test of crash-resistant fuel system for general aviation aircraft

Rain erosion resistant materials in air and space travel

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Damage tolerant design of the TAH-64 drive system

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Damage tolerant design of the TAH-64 drive system

Multidimensional advanced composites for improved impact resistance

Test methodology correlation for foreign object damage

Test of crash-resistant fuel system for general aviation aircraft

Rain erosion resistant materials in air and space travel

IMPACT RESISTANCE

IMPACT RESISTANCE

IMPACT RESISTANCE
A new baseline for the inertial navigation strapdown simulator program. Volume 1: Introduction and summary (AD-A0628077) p0381 N79-21037
A new baseline for the inertial navigation strapdown simulator program. Volume 2: Analytical development (AD-A0628088) p0381 N79-21038
A new baseline for the inertial navigation strapdown simulator program. Volume 3: Program and description and users guide (AD-A0628099) p0381 N79-21039
A new baseline for the inertial navigation strapdown simulator program. Volume 4: Program listings (AD-A0628100) p0381 N79-21040
A method for evaluating KC-135 avionics configurations (AD-A059446) p0594 N79-29186
Design and testing of a redundant skewed inertial sensor coil for integrated navigation and flight control (AD-A0628101) p0655 N79-30202
Low-cost inertial navigation for moderate-g missions (NASA-TM-78611) p0706 N79-32205
Autonomous navigation system — using gyroscopic pendulums and globals for air navigation system which disposed (NASA-CAS-NRC-11257-1) p0713 N79-33177
INERTIAL PLATFORMS
Antenna to IMU mounting for SAR motion compensation (AD-A064047) p0619 N79-11913
Inertial measuring unit for strapdown application (AD-A064048) p0688 N79-14663
Considerations on optimal self-alignment of gyrostabilized platforms (AD-A064049) p0688 N79-14663
Quaternion matching in transfer alignment for SAR motion compensation (AD-A064050) p0617 N79-48661
Error model verification for a three-axis laser gyro strapdown inertial measurement unit (AD-A064051) p0619 N79-22072
INERTIAL REFERENCE SYSTEMS
Inertial Referenced Flight Inspection System (AD-A064052) p0860 N79-37150
Multifunction Inertial Reference Assembly Technology (MIRAT) simulation development, configuration evaluation, and test plan development (AD-A057324) p0899 N79-12057
Functional requirements of the interface between the NAVSTAR GPS receiver model X and the advanced inertial reference sphere, volume 2 (AD-A057653) p0900 N79-12058
Failure modes and redundancy analysis for the Multifunction Inertial Reference Assembly (MIRA) (AD-A057654) p0232 N79-16834
Preliminary feasibility assessment of a Multi-function Inertial Reference Assembly (MIRA) using the F-15 and a transport aircraft (AD-A070007) p0535 N79-20017
INFINITE SPAN WINGS
On the stability of the boundary layer on a transonic swept wing (AIAA PAPER 79-0264) p0203 N79-23553
Hypersonic viscous shock layer on infinite-span arrow wings at angle of attack (AIAA PAPER 79-0264) p0203 N79-23553
Axial flow in trailing line vortices (AD-A057075) p0034 N79-10034
INFLATABLE DEVICES
INFLATABLE STRUCTURES
INFLATABLE BALLOONS
INFLATABLE HEAD/NECK RESTRAINT SYSTEMS
Development of anti-G valves for high performance aircraft (AD-A063955) p0019 N79-22067
Paracone ejection seat — evaluated and compared to present parachute system (AD-A063956) p0019 N79-22068
Development and initial test results of parachutes with automatic inflation modulation (A.I.M.) (AD-A063957) p0019 N79-22068
Inflatable survival systems for helicopters (AD-A063958) p0033 N79-33624
Test and evaluation of modified high performance jet aircrew life preserver (AD-A063959) p0019 N79-22067
Development of an inflatable head/neck restraint system for ejection seats, update (AD-A067124) p0540 N79-26038
INFLUENCE COEFFICIENT
STUCTURAL INFLUENCE COEFFICIENTS
Modeling parameter influences in gas turbine combustor design (AIAA PAPER 79-0356) p0146 N79-19685
A refined prediction method for supersonic unsteady aerodynamics with AIC partition scheme (AIAA 79-0770) p0321 N79-29023
INFORMATION DISSEMINATION
Availability and use of weather data — in general aviation (AD-A0628102) p0198 N79-22711
Development of the L-1011 Flight Management System (AD-A0628103) p0260 N79-26535
INFORMATION SYSTEMS
INFORMATION MANAGEMENT
INFORMATION SYSTEMS
INFORMATION TECHNOLOGY
INFORMATION TRANSFER
INFRARED IMAGERY
INFRARED RADIANCE
INFRARED RADIANT INTENSITIES
INFRARED SCANNERS
INFRARED SENSORS
INFRARED SURFACES
INFRARED SURVEYS
INFRARED THING
INFRARED THERMAL IMAGERY
INFRARED TV
images on head-up displays for night or all-weather operations --- for military helicopters

Infrared resolution target system

Infrared remote sensing on geothermal areas by helicopter

Reliability growth on B-52 FLIR systems

Elimination of scale and luminance distortions in thermal imaging systems with a large field of view --- onboard aircraft

Infrared Lasers

Multifunction CO2 heterodyning laser radar for low level tactical operations

Infrared Radiation

Infrared signature measurement techniques and simulation methods for aircraft survivability

Infrared Radiometers

Detection of far and low altitude wind shear by on-board aircraft IR sensors - An update

Infrared scanners

IR scanning camera measurements of an exhaust plume from an axisymmetric nozzle afterbody model at transonic Mach numbers

Infrared Spectrometers

Infrared landing system for a mini remotely-piloted vehicle

Infrared resolution target system

Optoelectronic devices for flight vehicle control systems --- Russian book

Measuring setscrens to the target

Infrasonic Frequencies

Monitoring stratospheric winds with Concorde-generated infrasound

Ingestion (Engines)

Diffusion-tolerant fan blade design

V/STOL aircraft configuration effects on exhaust gas ingestion

The integrity of aircraft jet engines under the impact of foreign bodies

Inhibitors

NT WATER INJECTION

FUEL INJECTION

GAS INJECTION

LIQUID INJECTION

WATER INJECTION

INJECTION CARBURETORS

FUEL INJECTION

INJECTORS

NT WATER INJECTORS

Instability of fluid flow in centrifugal injector

The injector driven tunnel

Injuries

NT CRASH INJURIES

NT EJECTION INJURIES

Listing of accidents/incidents by aircraft make and model, US Civil aviation, 1976

[FB-283000/6]

Inlet Flow

Asymmetric swirling flows in turbine machine annuli

[ASME PAPER 78-GT-109]

Propeller unsteadiness threat due to operation in turbulent inflows

[ASME PAPER 78-GT-94]

Weak extinction limits of turbulent flowing mixtures

[ASME PAPER 78-GT-144]

Gas turbine engine inlet flow distortion guidelines

[ASAE ABP 79-047]

Design of two-dimensional external compression supersonic inlets

Predicted inlet gas temperatures for tungsten fiber reinforced superalloy turbine blades

Calculation of transonic inlet flowfields using generalised coordinates

[ASAE PAPER 79-0012]

An efficient user-oriented method for calculating compressible flow about three-dimensional inlets

[ASAE PAPER 79-0061]

Reynolds number, scale and frequency content effects on F-15 inlet instantaneous distortion

[ASAE PAPER 79-0104]

Calculation of the three-dimensional far field in supersonic inlets at angle of attack using a bicharacteristic method with discrete shock wave fitting

[ASAE PAPER 79-0379]

The flow at the inlet and in the throat region of a plane supersonic air intake

[ASAE PAPER 79-0479]

Propagation of inlet flow distortions through an axial fan engine

[ASAE PAPER 78-GT-39]

Aerodynamic performance of scarf inlets

[ASAE PAPER 79-0380]

An experimental study of pulsating flow in a three stage axial flow compressor

Considerations for the design of inlet flow conditioners for static fan noise testing

[ASAE PAPER 79-0657]

Effects of inlet flow distortion profiles on fan tone noise calculated using a 3-D theory

[ASAE PAPER 79-0577]

Evaluation of two inflow control devices for flight simulation of fan noise using a JT15D engine

[ASAE PAPER 79-0654]

Axial compressor operation with radially nonuniform inflow

Effects of inlet distortions on a multi-stage compressor --- transonic flow pressure distortion

[AIAA PAPER 79-7003]

Air-inlet engine matching problems of a jet aircraft

[ASAE PAPER 79-7004]

Diffusers for supersonic intakes - The dependence of conical diffuser performance on inflow conditions

[ASAE PAPER 79-29379]

Study of mean- and turbulent-velocity fields in a large-scale turbine-vane passage

[ASME PAPER 79-GT-33]

The effects of coolant air inlet conditions on the flow regime between a turbine disk and its casing

[ASME PAPER 79-GT-43]

Aerodynamics of engine air intakes

[ASME PAPER 79-GT-55]
combined pressure and temperature distortion effects on internal flow of a turbofan engine [AIAA PAPER 79-1130]
Aerodynamic improvement of the inlet pipe of a gas turbine [AIAA PAPER 79-1109]
An analysis of air intakes in the boundary layer [AIAA PAPER 79-1109]
Performance of a VSTOL tilt macelle inlet with blowing boundary layer control [AIAA PAPER 79-1163]
Recent applications of theoretical analysis to VSTOL inlet design [AIAA PAPER 79-1130]
An approach to optimum subsonic inlet design [NASA-TM-79051]
Measurements of inlet flow distortions in an axial flow fan (6 and 9 blade rotor) [NASA-CR-157882]
Inlet and nozzles --- in V/STOL aircraft [NASA-TM-79130]
Non-destructive methods for the early detection of fatigue damage in aircraft components [AIAA PAPER 79-1268]
Assessment of state-of-the-art of in-service inspection methods for graphite epoxy composite structures on commercial transport aircraft [AIAA-PREF-159869]
Volume 2: Supplemental system design and maintenance documentation --- for airplane dynamic response using frequency response data [NASA-CR-2984]
Digital Avionics Information System (DAIS) serial Input/Output (I/O) exercise [AD-A062646]
Optical inspection of aircraft structures using laser systems --- in air-cooled aircraft engine structures [NASA-CR-159926]
Non-destructive inspection methods for aircraft structures on the basis of fracture mechanics [DGRL 79-021]
High level maintenance below sea level [NASA-CR-17252]
Determine properties of turbulence at several points on an aerodynamic surface [NASA-TM-79082]
Unloading the drive of gas distributor valves operating at high pressures [NASA-TM-79051]
Recent applications of theoretical analysis to V/STOL inlet design [NASA-TM-79051]
Effect of rotor meridional velocity ratio on response of a turbo-machine rotor to a low frequency inlet distortion [NASA-TM-79176]
A study of the response of a turbo-machine rotor to a low frequency inlet distortion [NASA-TM-79176]
Effect of external air intake distortion on flow characteristics entering a turbofan engine [NASA-TM-79130]
Self stabilizing sonic inlet [NASA-CAS7-LW-11890-1]
Performance of a VSTOL tilt macelle inlet with blowing boundary layer control [NASA-TM-79176]
Effect of rotor meridional velocity ratio on response of a turbo-machine rotor to a low frequency inlet distortion [NASA-TM-79176]
Combined pressure and temperature distortion effects on internal flow of a turbofan engine [AIAA PAPER 79-1130]
Aerodynamic improvement of the inlet pipe of a gas turbine [AIAA PAPER 79-1109]
An analysis of air intakes in the boundary layer [AIAA PAPER 79-1109]
Performance of a VSTOL tilt macelle inlet with blowing boundary layer control [AIAA PAPER 79-1163]
Recent applications of theoretical analysis to VSTOL inlet design [AIAA PAPER 79-1130]
An approach to optimum subsonic inlet design [NASA-TM-79051]
Measurements of inlet flow distortions in an axial flow fan (6 and 9 blade rotor) [NASA-CR-157882]
Inlet and nozzles --- in V/STOL aircraft [NASA-TM-79130]
Non-destructive methods for the early detection of fatigue damage in aircraft components [AIAA PAPER 79-1268]
Assessment of state-of-the-art of in-service inspection methods for graphite epoxy composite structures on commercial transport aircraft [AIAA-PREF-159869]
Volume 2: Supplemental system design and maintenance documentation --- for airplane dynamic response using frequency response data [NASA-CR-2984]
Digital Avionics Information System (DAIS) serial Input/Output (I/O) exercise [AD-A062646]
Optical inspection of aircraft structures using laser systems --- in air-cooled aircraft engine structures [NASA-CR-159926]
Non-destructive inspection methods for aircraft structures on the basis of fracture mechanics [DGRL 79-021]
High level maintenance below sea level [NASA-CR-17252]
Determine properties of turbulence at several points on an aerodynamic surface [NASA-TM-79082]
Unloading the drive of gas distributor valves operating at high pressures [NASA-TM-79051]
Recent applications of theoretical analysis to V/STOL inlet design [NASA-TM-79051]
Effect of rotor meridional velocity ratio on response of a turbo-machine rotor to a low frequency inlet distortion [NASA-TM-79176]
A study of the response of a turbo-machine rotor to a low frequency inlet distortion [NASA-TM-79176]
Effect of external air intake distortion on flow characteristics entering a turbofan engine [NASA-TM-79130]
Self stabilizing sonic inlet [NASA-CAS7-LW-11890-1]
Performance of a VSTOL tilt macelle inlet with blowing boundary layer control [NASA-TM-79176]
Effect of rotor meridional velocity ratio on response of a turbo-machine rotor to a low frequency inlet distortion [NASA-TM-79176]
Combined pressure and temperature distortion effects on internal flow of a turbofan engine [AIAA PAPER 79-1130]
Aerodynamic improvement of the inlet pipe of a gas turbine [AIAA PAPER 79-1109]
An analysis of air intakes in the boundary layer [AIAA PAPER 79-1109]
Performance of a VSTOL tilt macelle inlet with blowing boundary layer control [AIAA PAPER 79-1163]
Recent applications of theoretical analysis to VSTOL inlet design [AIAA PAPER 79-1130]
An approach to optimum subsonic inlet design [NASA-TM-79051]
Measurements of inlet flow distortions in an axial flow fan (6 and 9 blade rotor) [NASA-CR-157882]
Inlet and nozzles --- in V/STOL aircraft [NASA-TM-79130]
Non-destructive methods for the early detection of fatigue damage in aircraft components [AIAA PAPER 79-1268]
Assessment of state-of-the-art of in-service inspection methods for graphite epoxy composite structures on commercial transport aircraft [AIAA-PREF-159869]
Volume 2: Supplemental system design and maintenance documentation --- for airplane dynamic response using frequency response data [NASA-CR-2984]
Digital Avionics Information System (DAIS) serial Input/Output (I/O) exercise [AD-A062646]
Optical inspection of aircraft structures using laser systems --- in air-cooled aircraft engine structures [NASA-CR-159926]
Non-destructive inspection methods for aircraft structures on the basis of fracture mechanics [DGRL 79-021]
High level maintenance below sea level [NASA-CR-17252]
Determine properties of turbulence at several points on an aerodynamic surface [NASA-TM-79082]
Unloading the drive of gas distributor valves operating at high pressures [NASA-TM-79051]
Recent applications of theoretical analysis to V/STOL inlet design [NASA-TM-79051]
Effect of rotor meridional velocity ratio on response of a turbo-machine rotor to a low frequency inlet distortion [NASA-TM-79176]
A study of the response of a turbo-machine rotor to a low frequency inlet distortion [NASA-TM-79176]
Effect of external air intake distortion on flow characteristics entering a turbofan engine [NASA-TM-79130]
Self stabilizing sonic inlet [NASA-CAS7-LW-11890-1]
Performance of a VSTOL tilt macelle inlet with blowing boundary layer control [NASA-TM-79176]
Effect of rotor meridional velocity ratio on response of a turbo-machine rotor to a low frequency inlet distortion [NASA-TM-79176]
Theoretical and experimental investigation of the flow at the inlet of the vaned diffuser for a high pressure ratio centrifugal compressor [VII-TM-125]

Full-scale engine tests of bulk absorber acoustic inlet treatment [NASA-TN-79076]

A study of inlet conditions for three-dimensional transonic compressor flows [AD-A062688]

Application of finite element techniques in predicting the acoustic properties of turbofan inlets

Intake design and intake/airframe integration for a post-stall fighter aircraft concept

Wind tunnel test at low speeds of a dorsal air intake on a fighter configuration

Wind-tunnel shock-tube simulation and evaluation of blast effects on an engine inlet [AD-A065388]

Theoretical fan velocity distortions due to inlets and nozzles --- in SSTOL aircraft [NASA-TM-79150]

Unsteady rotor/turbine blade loading in an axial compressor with steady-state inlet distortions

Distortions, rotating stall, and mechanical solicitations

The unsteady aerodynamics of a cascade in translation

An experimental study of sound radiation from hyperboloidal inlet ducts [NASA-TN-60100]

INTEGRAL EQUATIONS

MT SINGULAR INTEGRAL EQUATIONS

Three-dimensional lifting-surface theory for an annular blade row [AIAA PAPER 76-GT-182]

Construction of an initial approximation for the solution of the integral equation of a lifting surface

The transonic integral equation method with curved shock waves

Boundary-integral equation analysis of an advanced turbine disk tip slot

INTEGRAL TRANSFORMATIONS

MT FAST FOURIER TRANSFORMATIONS

MT LAPLACE TRANSFORMATION

INTEGRATED CIRCUITS

MT LARGE SCALE INTEGRATION

Advances in avionics --- emphasizing microprocessor technology and integrated circuits [AIAA PAPER 72-0562]

Radar signal processing development for application of VHSI

Integrated CMOS avionics --- ECR-resistant Communication, Navigation and Identification

Development of a 10 KVA power conditioner unit, aircraft, 115/200 volt, 3-phase, 400 Hz [AD-A062125]

INTEGRATED OPTICS

Aerospace and military -- Progress in space structure research, aircraft landing systems, integrated optics, and digital communications

INTEGRATORS

MT DIGITAL INTEGRATORS

INTEGRALDIFFERENTIAL EQUATIONS

U DIFFERENTIAL EQUATIONS

U INTEGRAL EQUATIONS

INTELLIGENCE

MT ARTIFICIAL INTELLIGENCE

INTERACTIVE GRAPHICS

U COMPUTER GRAPHICS
INTERNAL COMPRESSION INLETS

NT TURBOPROP ENGINES
NT WANKEL ENGINES
Plane cantsivities - Alternative fuels
Computer simulation of an aircraft engine fuel injection system

INTERNAL COMPRESSION INLETS
The influence of compressor inlet guide vane/rotor relative circumferential positioning on blade wake transport and interaction
[ AD-A067969] p0543 N79-26060

INTERNAL PRESSURE
Combined pressure and temperature distortion effects on internal flow of a turbofan engine
[ AIAA PAPER 79-1309 ] p0471 A79-39031

INTERNAL STRESS
U RESIDUAL STRESS
INTERNATIONAL COOPERATION
The German-Dutch wind tunnel DWE - Design aspects and status of construction
p0155 A79-20115
Aircraft engine emissions are under continuing surveillance
p0342 A79-30581
Internationalization of CFEGA
p0447 A79-36069
Can Europe choose a common fighter
p0512 A79-41290
The European helicopter industry and cooperation
p0516 A79-42064
CPM56 - An act of cooperation, a new class of engine, a path towards the aeronautics of tomorrow
p0516 A79-42065
Eurocopter - An example of cooperation with respect to missiles
p0517 A79-42067
Development of an airborne military system (MECA system)
[ MBB-DEB-1322-0] p0480 N79-23904
Review of the AGARD S and 8 panel evaluation program of the NASA-Lewis SPP approach to high-temperature LCF life prediction
p0555 N79-27179

INTERNATIONAL LAW
Problems of airports in the vicinity of foreign states
p0343 A79-30940
Wake turbulence and the jumbo jets - Whose responsibility, pilot or controller
p0343 A79-30943

INTERNATIONAL RELATIONS
NT INTERNATIONAL COOPERATION
International Air Transportation Competition Act of 1978 --- congressional reports
[ CPDO-3a-913 ] p0651 N79-30168
INTERNATIONAL TRADE
Joint Airworthiness Requirements - Their history and progress
p0460 A79-37169

INTERPLANETARY FLIGHT
Path in rocket technology - Selected works, 1924-1946 --- Russian book
p0278 A79-27599

INTERPLANETARY PROPULSION
NT ROCKET ENGINES
INTERPOLATION
Application of a factorial interpolation method to the analytical designings of aircraft landing gears
p0308 A79-32052
Time optimal control of a jet engine using a quasi-hermite interpolation model
Modal interpolation program, L215 (INTERP).
Volume 1: Engineering and usage

INTERROGATION
Uplink ATCRBS environment measurements along the Boston-Washington corridor. Volume 2: Interrogator characteristics
[ AD-A067984 ] p0540 N79-26041

INVENTORY MANAGEMENT
Parts tracking and engine history recording for on-condition maintenance
[ AIAA PAPER 79-1280 ] p0509 A79-40086

INVERSIONS
NT TEMPERATURE INVERSIONS
Parachute partial inversions
p0066 A79-14429

INVISCID FLOW
Theory of lifting surface in fluids of high electrical conductivity
Hydrodynamic propulsion by large amplitude oscillation of an airfoil with chordwise flexibility
Calculation of transonic inlet flowfields using generalized coordinates
Influence of fundamental parameters on the supersonic base flow problem in presence of an exhaust jet
Quasi-natural numerical methods for the computation of inviscid potential or rotational transonic flows
Axial-flow compressor turning angle and loss by inviscid-viscous interaction blade-to-blade computation
A calculation procedure for three-dimensional, time-dependent, inviscid, compressible flow through turbine blades of any geometry
Second approximation in theory of a finite-span thin wing in a hypersonic gas flow
Region of a plane pointed profile in supersonic flow
Viscid/inviscid interaction analysis of thrust augmenting ejectors
An analytic theory of supersonic/hypersonic stability at high angles of attack
An improved supersonic, three-dimensional, external, inviscid flow field code
Viscous-inviscid flow matching: Numerical method and applications to two-dimensional, transonic and supersonic flows
Numerical calculation of inviscid transonic flow through rotors and fans
Finite element methods for inviscid and viscous flow problems
The panel method for subsonic aerodynamic flow: A survey of mathematical formulations and numerical models with an outline of the new British aerospace scheme
Multi-element airflow viscous-inviscid interactions

INVISIBLE
U VISIBILITY
ZON EXCHANGEING
Ion chromatographic determination of sulfur in fuels

TOKAMAK
NT SUBFACE IXIDICIDING
TOKITING RADIATION
NT COSMIC RAY SHOWERS
NT COSMIC RAYS
NT GAMA RAYS
IP (IMPACT PREDICTION)
U COMPUTORIZED SIMULATION

IRON
t NT HIGH STRENGTH STEELS
NT STEELS
Tungsten fiber reinforced FeCrAlY - A first generation composite turbine blade material

IRONOIDS HELICOPTER
NT OH-1 HELICOPTER
LIRRITATION
NT TOXICITY AND SAFETY HAZARD
SUBJECT INDEX

ISOTROPICAL FLOW
U POTENTIAL FLOW
USING MODEL
U MATHEMATICAL MODELS
ISLANDS
U GREAT BRITAIN
U INDONESIA
U JAPAN
ISOBARS (PRESSURE)
Experimental study on flow in a supersonic centrifugal impeller
[ASME PAPER 78-GT-2]
p0195 A79-22277
ISOLATION
Harrow isolation - a study of the interaction between co-sited aircraft --- transmitting and receiving aircraft antennas
p0574 A79-46240
ISOLATORS
U VIBRATION ISOLATORS
ISOTHERMAL FLOW
Coaxial flow noise - Isothermal flow --- for turbojet engine exhaust
p0191 A79-21595
ISOTHERMAL PROCESSES
Application of the isothermal square bend process to P&W wing beams
p0205 A79-24099
Advanced forging process for gas turbine engine fan blades
[AGARD-R-675]
p0489 N79-24202
ISOTROPIC TURBULENCE
Turbulence simulation mechanization for Space Shuttle Orbiter dynamics and control studies
[AGARD-R-675]
p0489 N79-24202
ITERATION
U ITERATIVE SOLUTION
Construction of an initial approximation for the solution of the integral equation of a lifting surface
p0447 A79-35928
Contribution to the development of theoretical calculations for the design and optimization of lifting bodies. (Solution of three-dimensional basic thermo fluid dynamics equations with strong interacting attached and separated flow field)
[ENY-PWT-78-4]
p0288 N79-17816
ITERATIVE SOLUTION
Quality index for an iterative process of optimizing long-range aircraft parameters
U
p0020 A79-12152
Iterative method of aircraft wing strength calculation taking into account the effect of deformations on distribution of aerodynamic forces
p0022 A79-12213
F-16 avionics maintenance concept and multinaional aspects
p0625 A79-88994
Optimal design of wing structures with substructureing
p0694 A79-53773
IZSAK ELLIPOID
U GEODESY

JET AIRCRAFT
J-57 ENGINE
The 0-2 story
p0260 A79-26537
J-57-59W engine emission test report
[AD-A060842]
p0174 A79-15054
J-75 ENGINE
A gas path performance diagnostic system to reduce J-75-P-17 engine overhaul costs
[ASME PAPER 78-GT-116]
p0002 A79-10267
J-79 ENGINE
Gearbox casings of fibre-reinforced plastic for zero engines
Impact of soft bodies on jet engine fan blades
p0111 A79-17058
p0089 A79-12091
J-85 ENGINE
A new technique to compute installed jet engine thrust - Applications to trimming for economic and operational benefits
[p0032 A79-29385
J85-15N compressor stall and flameout investigation
Effects of steady-state pressure distortion on the stall margin of a J85-21 turbojet engine
[NASA-TM-79123]
p0946 A79-23968
Engine research facility aerodynamics analysis
[AD-A070623]
p0715 N79-33193
JACKING EQUIPMENT
U JACKS (LIFTS)
JACKS (LIFTS)
The 1-4-1 system of jack movements for the flexible liners of supersonic wind tunnels
p0261 A79-26594
JABBING
Adaptive array tradeoffs for existing airborne UHF radios
p0614 A79-48598
Real time compression of video signals --- protection against jamming
p0622 A79-48712
Performance of a pulse-decode circuit in the presence of interference
p0622 A79-48713
Airborne microwave ECM
p0637 A79-49554
JAPAN
An offshore airport that works - Nagasaki
p0281 A79-28185
Japanese lighter-than-air mission studies
[p0522 A79-42387
JABBER
U MECHANICAL SHOCK
JC-130 AIRCRAFT
U C-130 AIRCRAFT
JET AIRCRAFT
BU A-7 AIRCRAFT
BU A-300 AIRCRAFT
BU ALPHA JET AIRCRAFT
BU B-52 AIRCRAFT
BU BAC 111 AIRCRAFT
BU BOEING 707 AIRCRAFT
BU BOEING 727 AIRCRAFT
BU BOEING 737 AIRCRAFT
BU BOEING 747 AIRCRAFT
BU C-5 AIRCRAFT
BU C-135 AIRCRAFT
BU C-141 AIRCRAFT
BU CL-41 AIRCRAFT
BU CONCERT 4 AIRCRAFT
BU CONCORDE AIRCRAFT
BU DC 8 AIRCRAFT
BU DC 9 AIRCRAFT
BU DC 10 AIRCRAFT
BU EUROPEAN AIRBUS
BU F-8 AIRCRAFT
BU F-5 AIRCRAFT
BU F-8 AIRCRAFT
BU F-11 AIRCRAFT
BU F-15 AIRCRAFT
BU F-16 AIRCRAFT
BU F-17 AIRCRAFT
BU F-18 AIRCRAFT
BU F-27 AIRCRAFT
BU F-100 AIRCRAFT
BU F-102 AIRCRAFT
A-273
JET AIRCRAFT NOISE

SUBJECT INDEX

NT T-104 AIRCRAFT
NT T-106 AIRCRAFT
NT F-111 AIRCRAFT
NT F-117-A AIRCRAFT
NT IL-62 AIRCRAFT
NT JINDIVIK TARGET AIRCRAFT
NT T-101 AIRCRAFT
NT T-2 AIRCRAFT
NT T-33 AIRCRAFT
NT T-38 AIRCRAFT
NT MIRAGE 3 AIRCRAFT
NT LEAR JET AIRCRAFT
NT A-320 AIRCRAFT
NT G-91 AIRCRAFT
NT P-3 AIRCRAFT
NT 115-262 AIRCRAFT
NT JINDIVIK TARGET AIRCRAFT
NT IL-62 AIRCRAFT
NT F-1011 AIRCRAFT
NT TURBOPROP AIRCRAFT
NT H-2 AIRCRAFT
NT A-350 TILE ACCOUNT AIRCRAFT

Flying angle of attack

Time-dependent failure rates for jet aircraft

Influence of fuels on the reliability of jet engines and jet aircraft: reliability with respect to fuel and lubricants

Evaluation of a method to extract performance data from dynamic maneuvers for a jet transport aircraft

The continuity factor in aircraft development

Ski-jump - A great leap for tactical airpower

V/STOL jet launching free upward-inclined ramp

Birdstrike hazards to turbine-powered aircraft

Bird strike on medium/large civil fan engines

Air-inlet engine matching problems of a supersonic aircraft

Wake turbulence and the jumbo jets - whose responsibility, pilot or controller

The effects of low-level wind shear on the approach and go-around performance of a landing jet aircraft

Canadair Challenger flight test status

Canadair Challenger - business jet subsystems and structural design

Analysis of noise rise from jet aircraft

The size and performance effects of high lift system technology on a modern twin engine jet transport

Investigation of roll performance for a highly nonlinear statically unstable fighter-type aircraft

Investigation of roll performance for a highly nonlinear statically unstable fighter-type aircraft

Analysis of noise rise from jet aircraft

JET AIRCRAFT NOISE

A performance measure for evaluating aircraft landing trajectories

Gas turbine jet exhaust noise prediction

Qualitative analysis of the effect of jet aircraft acoustic characteristics on the optimal take-off program
The influence of geometric asymmetry on the flow downstream of a row of jets discharging normally into a free stream p0240 A79-25065
Lean combustion limits of a confined premixed-prevaporized propane jet [AIAA PAPER 79-0538] p0253 A79-25856
Sound absorption caused by vorticity shedding, demonstrated with a jet flow [AIAA PAPER 79-0575] p0268 A79-26905
Flight effects on subsonic jet noise [AIAA PAPER 79-0616] p0317 A79-28961
Analysis of flight effects on noise radiation from dual-flow coastal jets [ONERA, TP NO. 1978-81] p0060 A79-13991
The effect of slot configuration and arrangement on the characteristics of jet flow [HAL-TH-195] p0337 A79-30377
Peak Strouhal frequency of subsonic jet noise as a function of Reynolds number p0406 A79-34357
Asymmetry of a circular jet observed in near and far fields --- low turbulence and acoustic characteristics p0406 A79-34359
Effects of forward velocity on sound radiation from converging monopole and dipole sources in jet flow --- subsonic aircraft model p0468 A79-38393
Laser velocimetry measurements on high temperature round and rectangular twin-jet flows p0516 A79-42061
Study of mass transfer between the primary zone and secondary air jets in gas turbine engine combustion chambers p0526 A79-42558
Numerical solution for the flow field of a body with jet [AIAA PAPER 79-1452] p0565 A79-45258
The inner regions of annular jets p0603 A79-47520
Experimental study of the turbulent wake downstream of a fan jet p0613 A79-48507
Direct correlation of noise and flow of a jet using laser doppler [UTIAS-230] p0709 A79-13822
Experimental investigation of effects of jet decay rate on jet-induced pressures on a flat plate: Tabulated data [NASA-CH-150990] p0710 A79-15981
Experimental investigation of the aerodynamic characteristics of a wing in a jet flow --- wind tunnel tests [NASA-TR-77081-0] p0703 A79-32177

Jet Fuels

U Jet Engine Fuels

Jet Impingement

Aerodynamic field induced by a jet penetrating a cross flow at subsonic velocities [TSTA, NO. 1278-81] p0060 A79-13991
Determination of the deflection angle of a jet impinging on a deflector with an end plate --- for thrust reversers p0082 A79-16789
The plane turbulent impinging jet p0117 A79-18841
Jet flow interactions --- in powered lift STOL aircraft p0153 A79-20089
Jet cooling at the ris of a rotating disk [ASME PAPER 78-OB-25] p0196 A79-22331
Jet-induced aerodynamics of V/STOL aircraft over a moving deck [AIAA PAPER 79-0337] p0202 A79-23556
Further test results with the airjet diagnostics generator - A new tool for aircraft turbine engine testing [AIAA PAPER 79-1165] p0510 A79-40752
Mathematical model of the oscillatory cycle associated with nonsteady interaction of a supersonic jet with a barrier p0515 A79-42007
Engine-aircraft afterbody interactions --- Recommended testing techniques based on Y7-17 experience [AIAA PAPER 79-1829] p0608 A79-47903
Determination of turning angle of a jet impinging on a bucket with visor --- for thrust reversers p0613 A79-68500
Measurements in a large angle oblique jet impingement flow [NASA-CH-158385] p0370 A79-20342

Jet Lift

Some basic test results of V/STOL jet induced lift effects in hover [AIAA PAPER 79-0329] p0202 A79-23553
Vane aerodynamic loading caused by jet-induced lift associated with STOL-OTW configurations [NASA-TR-79218] p0581 A79-28146
Powered low-aspect-ratio wing in ground effect (WIG) aerodynamic characteristics --- conducted in Langley V/STOL tunnel p0663 A79-31141

Jet Mixing Flow

Coaxial flow noise - Isothermal flow --- for turbojet engine exhaust p0191 A79-21595
The sound power spectrum of shock-free jets [NASA-CF-158990] p0218 N79-15941
An experimental study of the influence of flight-stream turbulence on jet mixing noise [NASA PAPER 79-0617] p0271 A79-26935
Jet mixing noise - Comparison of measurement and theory [AIAA PAPER 79-0570] p0317 A79-28954
Development of a gas turbine combustor dilation zone design analysis [AIAA PAPER 79-1198] p0638 A79-18997
Ignition of liquid fuel jets in a supersonic air stream [AIAA PAPER 79-1238] p0670 A79-28997
An improved method for predicting the effects of flight on jet mixing noise p0745 A79-29803
The amplification factor in the two-dimensional interaction between a transverse sonic jet and a supersonic flow p0526 A79-42655
Influence of gas turbine engine combustion chamber geometric parameters on mixture formation characteristics p0612 A79-48895
Interaction of the supersonic flow below a wing and a supersonic free jet (two-dimensional situation) [WDR-19-266] p0280 A79-17819
Computer-aided design study of hypersonic nozzle [AD-A0627347] p0365 A79-20212
A correlation of mixing noise from coannular jets with inverted flow profiles [NASA-TP-1301] p0428 A79-22289
Jet noise: A status report --- jet mixing and shock noise studies p0443 A79-23379

Jet Noise

U Jet Aircraft Noise

Jet Nozzles

Gas flow in nozzles --- Russian book p0347 A79-32025
Nozzles for vectored thrust jet engines --- Russian book p0603 A79-47428

Jet Pilots

U Aircraft Pilots

Jet Propulsion

Jet propulsion for ACV's and hydrofoils [NASA-CH-162299] p0604 A79-47887
Aircraft vortex marking program [NASA-CH-162299] p0701 A79-32156

Jet Streams (Meteorology)

The characteristics of the spray generated by the efflux of various aircraft propulsors impinging normally on water [AD-067472] p0541 A79-26849
Jet Thrust

Statistical evaluation of reverser influence on bypass turbine engine parameters in the forward thrust regime p0069 A79-14850
A new technique to compute installed jet engine thrust - Applications to trimming of economic and operational benefits [AIAA 79-7010] p0320 A79-29385
An examination of the factors affecting the thrust requirements and the hover and short takeoff performance of several jet V/STOL fighter concepts [AD-A058128] p0091 A79-12068
Comparison of calculated and altitude-facility-measured thrust and airflow of [NASA-TP-1373] [p1027] [N79-13004] [p1022] [N79-13004]
Power-law aspect-ratio wing in ground effect (Vig) aerodynamic characteristics conducted in Langley V/STOL tunnel [NASA-TR-78799] [p0663] [N79-31141]

JET VANES
 Repair of directionally solidified airfoil components
 [NASA-GSFC-ARC-10571-1] [p0211] [A79-24134]
 Aircraft engine nozzle
 [NASA-GSFC-ARC-10571-1] [p0487] [N79-23971]

JETAVATORS
 U GUIDE VANES
 U JOINT SYSTEMS
 All-TG helicopter, 19-round lightweight airborne launcher jetison envelope determination [AD-A069628] [p0652] [N79-30177]

JETTISOING
 Drop formation, evaporation modelling and environmental assessment of JP-4 fuel jetisoned from aircraft [AIAA PAPER 79-0186] [p1043] [A79-19585]
 Preliminary design study of a tail rotor Elade jointion concept [AD-A059239] [p101] [N79-13029]
 JINDIVIK TARGET AIRCRAFT
 Integration of air cushion landing system technology into the JINDIVIK remotely piloted vehicle [AD-A058004] [p0092] [N79-12075]

JITTER
 U VIBRATION
 JOBS
 U TASKS
 JOINING
 Integrated gas turbine engine-nacelle [NASA-CASE-LEW-12389-3] [p0168] [N79-14906]
 JOINTS (JUNCTIONS)
 NT LAP JOINTS
 NT METAL JOINTS
 NT RIVETED JOINTS
 NT DIAMS (JOINTS)
 NT WELDED JOINTS
 Nondestructive testing of adhesive bonded structure [AD-A06369] [p0664] [A79-51238]
 Simplified analysis spectrum for joints subjected to complex continuously varying stresses - aerospace structures [AIAA PAPER 79-1808] [p0606] [A79-47892]
 Mechanical characterization of structural adhesives [AD-A061805] [p0310] [N79-19418]
 Fracture mechanics for structural adhesive bonds, part 2, phase 2 [AD-A06156] [p0000] [N79-19418]
 Operational experience with adhesive bonded structures [AD-A061805] [p0310] [N79-19418]
 Behavior of adhesively bonded joints under cyclic loading [AD-A061805] [p0310] [N79-19418]
 The nature of adhesion mechanisms and the influence of surface treatments on the behavior of bonded joints [AD-A061805] [p0310] [N79-19418]
 Effect of variances and manufacturing tolerances on the design strength and life of mechanically fastened composite joints [AD-A069170] [p0557] [N79-27518]
 Ultrasonic inspection of wing spar attachment joints and links in viscount aircraft [BMP-7610,9] [p0558] [N79-27523]
 Investigation of penetration of electromagnetic energy through joints in advanced composite structures - aircraft structures [AD-A060589] [p0710] [N79-32441]
 JORDAN
 Planning, design and construction of the Queen Alia International Airport [SAE PAPER 780531] [p0005] [A79-10401]

JOULY HEATING
 U RESISTANCE HEATING
 JOURNAL BEARINGS
 Topics in fluid film bearing and rotor bearing system design and optimization; Proceedings of the Design Engineering Conference, Chicago, Ill., April 17-20, 1978

JULIE HEATING
 The influence of tilting pad bearing characteristics on the stability of high speed rotor-bearing systems [p0075] [A79-16010]
 Static evaluation of surface coatings for compliant gas bearings in an oxidizing atmosphere to 650 C [p3047] [A79-31957]
 Stability and imbalance response of centrally preloaded rotors mounted in journal and squeegee film bearings [p3049] [A79-32085]
 An investigation of vibration dampers in gas-turbine engines [p0593] [N79-27164]
 New concepts in aircraft journal bearings [AR-A066619] [p0598] [N79-29520]

JOURNALS (DOCUMENTS)
 U PERIODICALS
 JOURNALS (SHAPTS)
 U SHAPTS (MACHINE ELEMENTS)
 JP-4 JETFUEL
 Drop formation, evaporation modelling and environmental assessment of JP-4 fuel jetisoned from aircraft [AIAA PAPER 79-0186] [p1043] [A79-19585]
 Aviation turbine fuels, 1977 [AD-A059239] [p101] [N79-13029]
 Cold weather environmental ground starting test using JPT-8 in Eglin climatic chamber [AD-A063377] [p0385] [N79-21222]
 Physical and chemical properties of JP-4 fuel for 1978 [AD-A070525] [p0719] [N79-33337]
 Analysis of the emissions from storage tanks during JP-4 fuel transfer operations. Phase 3: Cold weather conditions [AD-A070818] [p0720] [N79-33339]
 JP-5 JETFUEL
 Effects of fuel properties on root formation in turbine combustion [SAE PAPER 78262] [p0257] [A79-25899]
 Evaluation of the application of some gas chromatographic methods for the determination of properties of synthetic fuels [p258] [A79-25917]
 Aviation turbine fuels, 1977 [BREC/PPS-78/2] [p0049] [N79-11240]
 Performance of hot fuel in a single tube heat exchanger test rig [AD-A058749] [p1006] [N79-13163]
 JP-8 JETFUEL
 Cold weather environmental ground starting test using JPT-8 in Eglin climatic chamber [AD-A063377] [p0385] [N79-21222]

JUNGLES
 U TROPICAL REGIONS

K

K BAND
 U EXTREMELY HIGH FREQUENCIES
 KA BAND
 U EXTREMELY HIGH FREQUENCIES
 KALMAN FILTERS
 Performance analysis of a particularly simple Kalman filter --- for strapdown inertial navigation system [p0027] [A79-12610]
 Application of an extended Kalman filter to an advanced fire control system [p0070] [A79-15018]
 Aerodynamic coefficient estimation by means of an extended Kalman filter [FIAA 79-1686] [p0566] [A79-85396]
 Filtering and threat logic design and evaluation for the beacon collision avoidance system [FIAA 75-1707] [p0570] [A79-85396]
 Estimation for advanced technology engines [p0611] [A79-87957]
 A real-time sequential filtering algorithm for GPS low-dynamics navigation system [p0617] [A79-86857]
 Kalman filtering and smoothing in Fotonap for orbit determination using GPS measurements [AD-A064613] [p0814] [A79-22071]
 Real-time estimation of aerodynamic coefficients by means of an extended Kalman filter [AD-A066619] [p0598] [N79-29520]

KALMAN FILTERS

K-279
A theoretical investigation of forebody shapes designed for natural laminar boundary-layer flow.

Evaluation of laminar flow control system concepts for subsonic commercial transport aircraft.

Summary report of the second wind tunnel test of the Boeing LPC model.

Effects of laminar flow control on the performance of a large span-distributed-load flying-wing.

Calculation of the flow around a swept wing, an example airplane concept.

Improved prediction of laminar leading edge separation.

Study of the application of superplastically formed and diffusion bonded (SP/DB) laminate structure to laminar flow control (LFC) wing design.

Aircraft energy efficiency laminar flow control.

glove flight conceptual design study.

Effects of turbulence on laminar separation on aerodynamic surfaces such as airfoils and compressor blading.

Calculation of the flow around a swept wing, taking into account the effect of the three-dimensional wall layer. Part 2: Wing with laminar boundary layer on the lower surface.

Calculation of a laminar wall jet in a wake.

Numerical solution for supersonic flow near the trailing edge of a flat plate.

Detection of the transitional layer between laminar and turbulent flow areas on a wing surface using an accelerometer to measure noise levels during wind tunnel tests.

Evaluation of a long-endurance-surveillance cargo airplane concept.

Detection of the transitional layer between laminar and turbulent flow areas on a wing surface using an accelerometer to measure noise levels during wind tunnel tests.

Fabrication of thick graphite/epoxy wing surface structure -- for subsonic transport aircraft.

Fatigue properties of adhesive-bonded laminated sheet material of aluminum alloys.

Three-dimensional laminate plates with through and part-through cracks.

Residual strength properties of carbon/epoxy composite materials -- airframe materials.

Environmental fatigue crack propagation in metal/composite laminates.

Residual strength of 0, +45, and -45 sub s carbon/epoxy laminates -- fatigue loading tests.

Environmental fatigue crack propagation in metal/composite laminates -- flight simulation tests.

Laminated turbine vane design and fabrication -- utilizing film cooling as a cooling system.

Evaluation of laminar flow control system concepts for subsonic commercial transport aircraft.

Summary of past experience in natural laminar flow control.

Laminar flow stabilization by surface cooling on a wing.

A variational theorem for laminated composite structures.

Fatigue properties of adhesive-bonded laminate materials for subsonic transport aircraft.

Environmental fatigue crack propagation in metal/composite laminates.
LAND USE

**LAND USE**

- Airport project Munich II - Aspects on the economic utilization of the airport area under consideration of the bird strike problem p0325 A79-2357
- Airport noise control and land use compatibility study p0409 A79-34972
- Off-airport land use compatibility - The Maryland approach and experience p0409 A79-34974
- LAX airport/land use planning study, Phase 1 report: Short term noise abatement (PB-281622/1) p0038 A79-10071

**DOD's commendable initial efforts to solve land use problems around airfields [PEC-21617/9]** p0826 A79-22120

**LANDFORMS**

- **MT GREAT BRITAIN**
- **MT INDONESIA**
- **MT JAPAN**
- **MT MOUNTAINS**

**LANDING AID**

- NT RUNWAY LIGHTS
- NT MICROVISOR LANDING AID
- NT MICROWAVE SCANNING BEAM LANDING SYSTEM
- NT INSTRUMENT LANDING SYSTEMS
- NT ARRESTING GEAR
- NT AUTOMATIC LANDING CONTROL
- NT AIRPORT LIGHTS
- NT AIRPORT BEACONS
- NT VERTICAL LANDING
- NT DITCHING (LANDING)
- NT AIRCRAFT LANDING
- NT SOFT LANDING

**LANDING**

- NT JAPAN
- NT MOUNTAINS
- NT GREAT BRITAIN

**LANDING AIDS**

- **NT AIRPORT PEACOCKS**
- **NT AIRPORT LIGHTS**
- **NT ALL-WEATHER LANDING SYSTEMS**
- **NT APPROACH INDICATORS**
- **NT ARRESTING GEAR**
- **NT AUTOMATIC LANDING CONTROL**
- **NT INSTRUMENT LANDING SYSTEMS**
- **NT LANDING INSTRUMENTS**
- **NT LANDING RADAR**
- **NT MICROVISION LANDING AIDS**
- **NT MICROWAVE LANDING SYSTEMS**
- **NT MICROPHASE SCANNING BEAM LANDING SYSTEM**
- **NT RUNWAY LIGHTS**

Impact of new navigation methods on flight guidance in the terminal maneuvering area (DGLR PAPER 78-135) p0061 A79-14985
Aerodynamics and performance of a gliding parachute with landing brakes p0066 A79-14423
Experimental evaluation of a wind shear alert and energy management display (DGLR PAPER 78-153) p0151 A79-20016
The measurement of R7-pulse phase and amplitude in the landing gears (DGLR PAPER 78-153) p0408 A79-34608
An evaluation of nose display parameters for an advanced landing display p0679 A79-51992
Windshield indication systems p0677 A79-52399
System capacity of the approach- and landing aid SETAC p0694 A79-53555
Fresnel Lens Optical Landing System MK6 and 3 stabilization circuit board test specifications [AD-A055766] p0161 A79-14075
Lighting and marking of exit taxways [AD-A060259] p0180 A79-15098
Approach light aiming criteria [NACE-911] p0237 A79-16880
Simulation and study of V/STOL landing aids for USMC AV-8 aircraft p0657 A79-30214
Landing gear

- Relative pavement bearing strength requirements of aircraft [SAP PAPER 780566] p0006 A79-103415
- Advanced technology helicopter landing gear p0014 A79-10191
- Application of a factorial interpolation method to the analytical design of aircraft landing gears p0348 A79-32052
- Landing gear overhaul survey p0350 A79-32242
- Designing aircraft shock absorbers p0357 A79-32585

**SUBJECT INDEX**

- A dynamic analysis of landing impact p0514 A79-81768
- Elimination of friction induced thermal cracks in landing gear components p0531 A79-81873
- Characteristics of an Air Cushion Landing System incorporating an elastin trunk p0640 A79-49909
- Airplane brake-energy analysis and stopping performance simulation p0694 A79-53870
- Airframe noise component interaction studies [NASA-CP-3110] p0333 A79-19815
- Flight investigation of piloting techniques and crosswind limitations using a research type crosswind landing gear [NASA-TP-1423] p0430 A79-23012
- Evaluation of an energy distribution system for helicopter landing gears during hard landing [AD-A065298] p0433 A79-23069
- An electric control for an electrohydraulic active control aircraft landing gear [NASA-CP-3113] p0484 A79-23989
- Air cushion landing gear applications study [NASA-CP-159002] p0540 A79-26045
- Environment load interaction effects on crack growth [AD-A071660] p0721 A79-33504

**LANDING INSTRUMENTS**

- NT APPROACH INDICATORS
- Cat III landing operations at Air Inter - instrument landing system [AHS 79-52] p0633 479-34974
- Description and preliminary studies of a computer drawn instrument landing display [NASA-TP-78771] p0045 A79-11039

**LANDING LOADS**

- Ship motion effects on landing load impacts - V/STOL landing on aircraft carrier [AIAA PAPER 79-0762] p0320 A79-29014
- Proper aircraft tire size selection - Optimun performance with minimum maintenance [SAP PAPER 790598] p0455 A79-36730
- A dynamic analysis of landing impact p0514 A79-41176
- The hydrofoil sea-plane as high-speed naval craft [AIAA PAPER 79-1798] p0532 A79-42456
- Recent progress in aircraft sink rate measurement [AIAA PAPER 79-1798] p0605 A79-47884
- Characteristics of an Air Cushion Landing System incorporating an elastin trunk p0640 A79-49909
- Parachute-rocket deceleration system design p0696 A79-54057

**LANDING RANTS**

- Nondestructive evaluation procedure for military airfields [AD-A058736] p1006 A79-13067
- Flight investigation of helicopter IFR approaches to oil rigs using airborne weather and mapping radar [AHS 79-52] p0633 A79-49104

**LANDING NOISE**

- Description and preliminary studies of a computer drawn instrument landing display [NASA-TP-78771] p0045 A79-11039

**LANDING RONS**

- Ship motion effects on landing load impacts - V/STOL landing on aircraft carrier [AIAA PAPER 79-0762] p0320 A79-29014
- Proper aircraft tire size selection - Optimun performance with minimum maintenance [SAP PAPER 790598] p0455 A79-36730
- A dynamic analysis of landing impact p0514 A79-41176
- The hydrofoil sea-plane as high-speed naval craft [AIAA PAPER 79-1798] p0532 A79-42456
- Recent progress in aircraft sink rate measurement [AIAA PAPER 79-1798] p0605 A79-47884
- Characteristics of an Air Cushion Landing System incorporating an elastin trunk p0640 A79-49909
- Parachute-rocket deceleration system design p0696 A79-54057
The estimation of lateral-directional aerodynamic derivatives at subsonic speeds

An angular wing

A summary of AGARD FDP meeting on dynamic stability parameters --- advanced aircraft performance at high angle of attack

Lateral stability at high angles of attack, particularly wing rock

Lateral aerodynamics extracted from flight test using a parameter estimation method

LATERAL STABILITY

U LATERAL STABILITY

LATERALSTABILITY

U LATERAL CONTROL

LATTICEST (MATHEMATICS)

Theoretical estimation of nonlinear longitudinal characteristics of wings with small and moderate aspect ratio by the vortex-lattice method in incompressible flow

A program to compute three-dimensional subsonic unsteady aerodynamic characteristics using the doublet lattice method, L216 (DOPLEX). Volume 2: Supplemental system design and maintenance document

LAUNCHERS

LAUNCHER DEVICES

LAUNCHING DEVICES

LAUNCHING PADS

LAUNCHING DEVICES

LAUNCHING PADS

LAUNCHING DEVICES

LAUNCHING PADS

LAUNCHING DEVICES

LAUNCHING PADS

LAUNCHING DEVICES

LAUNCHING PADS

LAUNCHING DEVICES

LAUNCHING PADS

LAUNCHING DEVICES

LAUNCHING PADS

LAUNCHING DEVICES

LAUNCHING PADS

LAUNCHING DEVICES

LAUNCHING PADS

LAUNCHING DEVICES

LAUNCHING PADS

LAUNCHING DEVICES

LAUNCHING PADS

LAUNCHING DEVICES

LAUNCHING PADS

LAUNCHING DEVICES

LAUNCHING PADS

LAUNCHING DEVICES

LAUNCHING PADS

LAUNCHING DEVICES

LAUNCHING PADS
High-performance wings with significant leading-edge thrust at supersonic speeds
[AIAA PAPER 79-1871] p0610 A79-47924
The influence of leading-edge roughness on the aerodynamic loading of an oscillating NACA 0012 airfoil
[AHS 79-2] p0626 A79-49057
Application of vortex lattice method for the evaluation of the aerodynamic characteristics of wings with and without strakes
p0580 N79-28145

LEADING EDGES

MT SHARP LEADING EDGES

Dynamic stall of an airfoil with leading edge bubble separation involving time dependent re-attachment
[ASME PAPER 79-GT-198] p0211 A79-10817
Calculation of flow past conical bodies with supersonic leading edges
p0222 A79-12227
Onset of leading edge separation effects under dynamic conditions and low Mach number
[AHS 78-63] p0126 A79-18184
Application of advanced technologies to improve C-141 cruise performance --- wing modifications for drag reduction
[AIAA PAPER 79-0066] p0140 A79-19515
Aerodynamic development of a high pressure leading edge blowing boundary layer control system
[AIAA PAPER 79-0116] p0141 A79-19542
Calculation of laminar separation bubbles and their effect on airfoil performance
[AIAA PAPER 79-02865] p0144 A79-19645
A visual investigation of the separation and subsequent transition near the leading edge of airfoils
[AIAA PAPER 79-0552] p0254 A79-25863
Investigation of the regimes of flow past the upper surface of delta wings with shock waves separated from the leading edges
p0410 A79-35110
C-141 hybrid composite leading edge --- materials and fabrication methods
p0529 A79-43244
Particle trajectories near an airfoil with a film-cooled leading edge
p0535 A79-43678
Transonic flow past a symmetrical airfoil at high angle of attack
[AIAA PAPER 79-1500] p0575 A79-46694
Experimental study of the influence of wing leading-edge modifications on the spin characteristics of a low-wing single-engine general aviation airplane
[AIAA PAPER 79-1837] p0608 A79-47908
Boundary layer control on wings using sound and leading edge serrations
[AIAA PAPER 79-1652] p0610 A79-47926
Effects of wing leading-edge flap deflections on subsonic longitudinal aerodynamic characteristics of a wing-fuselage configuration with a 44 deg swept wing
[NASA TP-1351] p0699 N79-13002
Non-conical flow past slender wings with leading edge vortex sheets
[ARC-87/2-3814] p0216 N79-15920
Airframe noise component interaction studies
[NASA CR-3110] p0313 N79-19815
Visualization of the separation and subsequent transition near the leading edge of airfoils
p0351 N79-19995
Improved prediction of laminar leading edge separation
p0357 N79-20050
Strake-induced separation from the leading edges of wings of moderate sweep
p0813 N79-22002
On slender wings with leading edge casing
p0815 N79-22032
An experimental investigation of the entrainment of a leading-edge vortex
p0816 N79-22033
Supersonic flow in the area of antisymmetric thin cruciform wings with supersonic leading edges in a horizontal plane, with consideration of flow separation on the edges
[AD-A065993] p0482 N79-23929
A study of the drooped leading edge airfoil --- on wind tunnel models to reduce spin entry after stall

LEAKAGE

Adhesive sealing - a fuel leak deterrent --- for aircraft tanks
p0210 A79-24123
Transmission seal development
p0339 N79-10423

LEARN JET AIRCRAFT

Longhorns into service --- Learjet 28/29 structures and performance capabilities
p0212 A79-24183
The Learjet Longhorn series - The first jets with winglets
p0260 A79-26532
Simultaneous measurements of ozone outside and inside cabins of two B-747 airliners and a Gates Learjet business jet
p0278 A79-27571
The Learjet 'Longhorn' series - The first jets with winglets
[SAE PAPER 790561] p0453 A79-36716
Winglets are no drag --- enhancement of aerodynamic efficiency with vertical wingtip extensions
p0532 A79-43457
The Learjet Longhorn series: The first jets with winglets
p0299 A79-18893
Electromagnetic coupling analysis of a Learjet aircraft
[AD-A0626890] p0370 A79-20311

LEARNING

MT TRANSFER OF TRAINING

LEAST SQUARES METHOD

K/-/ least squares method for the Navier-Stokes equations --- numerical simulation of separated viscous flows around wings and airfoils
p0335 A79-29804
Approximation of the aerodynamic characteristics of a wing with a double-slotted flap
p0866 A79-52129
Application of a finite element method to transonic flow problems using an optimal control approach
p0856 A79-28477

LECTURES

STOL Technology, volume 2
[VKI-LECTURE-SERIES-60-VOL-2] p0429 879-23002
Non-destructive inspection methods for propulsion systems and components
[AGARD-LS-103] p0502 A79-25412

LED (DIODES)

U LIGHT EMITTING DIODES

LED WAVE

Lee side flow field over slender delta wings of finite thickness
[ILR-23] p0548 A79-27103
LEGAL LIABILITY

Responsibilities of French air traffic control
p0343 A79-30933
Wake turbulence and the jumbo jets - Whose responsibility, pilot or controller
p0343 A79-30933
Defining the design defect in aircraft products liability cases
p0691 A79-53556
A review of crashworthiness --- in aircraft accident-liability cases
p0692 A79-53557

LEGENDRE CODE

A computer PROGRAMMING

LENS ANTENNAS

A proposed integrated ECM system using the constant index lens antenna
p0247 A79-24726
<table>
<thead>
<tr>
<th>SUBJECT INDEX</th>
<th>LIFT DRAG RATIO</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>The development of high lift, single-component airfoil sections</strong></td>
<td>p0243 A79-30922</td>
</tr>
<tr>
<td><strong>The effect of chordwise flexibility on the lift of a rapidly accelerated airfoil</strong></td>
<td>p0243 A79-30923</td>
</tr>
<tr>
<td><strong>Conversion of wing surface pressures into normalized lift coefficient</strong></td>
<td>[SAE PAPER 790567]</td>
</tr>
<tr>
<td><strong>Analysis of an unsteady aerodynamic force on a blade due to unamplified amplitude gusts</strong></td>
<td>p0073 A79-39059</td>
</tr>
<tr>
<td><strong>Lift and drag of sail aerofoil</strong></td>
<td>p0515 A79-41945</td>
</tr>
<tr>
<td><strong>Wing aeroelastic loading caused by jet-induced lift associated with STOL-OTW configurations</strong></td>
<td>[AIAA PAPER 79-1664]</td>
</tr>
<tr>
<td><strong>Lifting-line theory for a swept wing at transonic speeds</strong></td>
<td>p0603 A79-47346</td>
</tr>
<tr>
<td><strong>Dynamic test techniques - Concepts and practices</strong></td>
<td>p0640 A79-87750</td>
</tr>
<tr>
<td><strong>Formulas for spanwise distribution of lift on aircraft wings</strong></td>
<td>p0642 A79-50164</td>
</tr>
<tr>
<td><strong>Lift performance indicator system feasibility study</strong></td>
<td>[AD-A0599238]</td>
</tr>
<tr>
<td><strong>Lift system induced aerodynamics of V/STOL aircraft in a moving deck environment. Volume 1: Technical discussion</strong></td>
<td>[AD-A0602006]</td>
</tr>
<tr>
<td><strong>A new method for testing free models in the laboratory to determine aerodynamic characteristics</strong></td>
<td>p0319 A79-14038</td>
</tr>
<tr>
<td><strong>Identification of unsteady effects in lift buildup</strong></td>
<td>p0378 A79-50838</td>
</tr>
<tr>
<td><strong>Optimization of multi-element airfoils for maximum lift</strong></td>
<td>p0357 A79-20044</td>
</tr>
<tr>
<td><strong>Lift system induced aerodynamics of V/STOL aircraft in a moving deck environment. Volume 2: Static and dynamic jet-induced force and moment data</strong></td>
<td>[AD-A0602007]</td>
</tr>
<tr>
<td><strong>The aerodynamics and performance characteristics of direct lift schemes</strong></td>
<td>p0361 A79-20084</td>
</tr>
<tr>
<td><strong>Generation and breakdowns of aerodynamic lift:</strong> Physical mechanism**</td>
<td>p0429 A79-23004</td>
</tr>
<tr>
<td><strong>Polar lift and drag determination during flight tests</strong></td>
<td>[SAN-UP-1410-0]</td>
</tr>
<tr>
<td><strong>Leading-edge slat optimization for maximum airfoil lift</strong></td>
<td>[NASA-ESA-78566]</td>
</tr>
<tr>
<td><strong>Upper-surface modifications for C sub a max improvement of selected NASA 6-series airfoils</strong></td>
<td>[NASA-PG-0691-30143]</td>
</tr>
<tr>
<td><strong>In-flight handling qualities investigation of various longitudinal short term dynamics and direct lift control combinations for flight path tracking using DPLR HFE 320 variable stability aircraft</strong></td>
<td>p0660 A79-30237</td>
</tr>
<tr>
<td><strong>The oblique wing as a lifting-line problem in transonic flow</strong></td>
<td>[AD-A070232]</td>
</tr>
<tr>
<td><strong>Flight determined lift and drag characteristics of an F-8 airplane modified with a supercritical wing with comparison to wind-tunnel results</strong></td>
<td>p0712 A79-33159</td>
</tr>
<tr>
<td><strong>LIFT AUGMENTATION</strong> Method of calculating potential flows of an incompressible fluid past a wing with a high-lift device</td>
<td>p0019 A79-12126</td>
</tr>
<tr>
<td><strong>Improvements in rotor performance by rotor tip blading</strong></td>
<td>p0130 A79-18650</td>
</tr>
<tr>
<td><strong>Development of modern airfoil sections for high subsonic cruise speeds</strong></td>
<td>[AIAA 79-0687]</td>
</tr>
<tr>
<td><strong>Flight testing the circulation control wing</strong></td>
<td>[AIAA PAPER 75-1791]</td>
</tr>
<tr>
<td><strong>The design impact of power-augmented ram technology on large energy efficient aircraft</strong></td>
<td>[AIAA PAPER 79-1684]</td>
</tr>
<tr>
<td><strong>In the Weis-Fogh principle exploitable in turbomachinery -- aerodynamic lift generation without vortex shedding</strong></td>
<td>p0064 A79-51250</td>
</tr>
<tr>
<td><strong>Study of aerodynamic technology for V/STOL fighter/attack aircraft, volume 1</strong></td>
<td>p0697 A79-58362</td>
</tr>
<tr>
<td><strong>Engine integration and noise considerations for STOL aircraft</strong></td>
<td>p0237 A79-16875</td>
</tr>
<tr>
<td><strong>Aerodynamics and performance characteristics of wing lift augmentation schemes</strong></td>
<td>p0430 A79-23005</td>
</tr>
</tbody>
</table>

**LIFT COEFFICIENTS**

- A parachute that goes up -- lift-devices for non-sbeard wings with leading edge vortices [CONF-771215-1] p0067 A79-14931
- Powered wind tunnel testing of the AV-8B -- A straightforward approach pays off [AIAA PAPER 79-0331] p0202 A79-23557
- Method for studying experimentally the aerodynamic interference of small secondary structures with a lifting surface [AIAA PAPER 79-1795] p0324 A79-29096
- The size and performance effects of high lift systems technology on a modern twin engine jet transport [AIAA PAPER 79-1842] p0609 A79-47909
- Current Canadian developments related to low-speed heavy lift ACV [AIAA PAPER 79-9332] p0661 A79-49915
- Direct numerical solution of the transonic perturbation integral equation for lifting and nonlifting airfoils [NASA-TM-78518] p0035 A79-10045
- Unsteady small-gap ground effects [NASA CR-11868-2] p0581 A79-28157

**LIFT DISTRIBUTION**

- A new method for testing free models in the laboratory to determine aerodynamic characteristics [AIAA PAPER 79-1842] p0609 A79-47909
- The size and performance effects of high lift systems technology on a modern twin engine jet transport [AIAA PAPER 79-1795] p0324 A79-29096
- Current Canadian developments related to low-speed heavy lift ACV [AIAA PAPER 79-9332] p0661 A79-49915
- Direct numerical solution of the transonic perturbation integral equation for lifting and nonlifting airfoils [NASA-TM-78518] p0035 A79-10045
- Unsteady small-gap ground effects [NASA CR-11868-2] p0581 A79-28157

**LIFT**

- A new method for testing free models in the laboratory to determine aerodynamic characteristics [AIAA PAPER 79-1842] p0609 A79-47909
- The size and performance effects of high lift systems technology on a modern twin engine jet transport [AIAA PAPER 79-1795] p0324 A79-29096
- Current Canadian developments related to low-speed heavy lift ACV [AIAA PAPER 79-9332] p0661 A79-49915
- Direct numerical solution of the transonic perturbation integral equation for lifting and nonlifting airfoils [NASA-TM-78518] p0035 A79-10045
- Unsteady small-gap ground effects [NASA CR-11868-2] p0581 A79-28157

**LIFT DRAG RATIO**

- Optimum two dimensional wings in supersonic flows [AIAA PAPER 79-1684] p0064 A79-16200
- Investigation of the transonic drag characteristics for non-slender wing-body combinations and their equivalent axisymmetric bodies at zero lift p0153 A79-20102
- The application of winglets to rotors p0154 A79-20109
- Analysis of vehicles with wings operating in ground effect [AIAA 79-2034] p0692 A79-53621
- Subcritical drag minimization for highly swept wings with leading edge vortices [NASA TN-1098] p0414 A79-22021
- Performance of a PAP-2 hydrofoil [NASA TN-1098] p0414 A79-22021
- Scaling effects on drag prediction --- wind tunnel tests [NASA CR-11868-2] p0579 A79-28123
LIFTING ROTORS

LIFTING REENTRY VEHICLES

LIFTING BODIES

LIFT FORCES

LIFT FANS

VTOL aircraft engine and mechanical drive component integration

[SAE PAPER 781038] p0258 A79-25906

Dynamic response of lift fans subject to various backpressures

[AD-80577292] p0160 A79-14047

Low-speed wind-tunnel investigation of a large-scale VTOL lift-fan transport model


Low-speed wind tunnel test of ground proximity and deck edge effects on a lift cruise fan VTOL configuration, volume 2

[NASA-Ch-152246] p0580 A79-28142

Heave-pitch-roll analysis and testing of air cushion landing systems

[NASA-Ch-2917] p0651 A79-30175

Aerodynamic performance of 1.38-pressure-ratio, variable-pitch fan stage


Aerodynamic performance of axial-flow fan stage operated at nine inlet guide vane angles --- to be used on vertical lift aircraft

[NASA-Tp-1510] p0671 A79-31214

LIFTING SURFACES

U LIFT

LIFTING BODIES

NT V-24 AIRCRAFT

Problems in the method of discrete vortexes for solving linear wing theory problems

p0022 A79-12224

Theory of lifting surface in fluids of high electrical conductivity

p0025 A79-12394

Application of an interactive graphics system for the design and optimization of aircraft lifting surfaces

p0025 A79-12836

Lifting surface theory of chubie wings

p0065 A79-13980

Lifting surface theory for skewed and swept subsonic wings

[AIAA PAPER 79-0551] p0264 A79-25665

Three-dimensional lifting-surface theory for an annular blade row

[ASME PAPER 79-01-162] p0396 A79-32441

Lifting surface approach to the estimation of gust response of finite wings

p0407 A79-34596

Construction of an initial approximation for the solution of the integral equation of a lifting surface

p0467 A79-35928

An iterative lifting surface method for thick bladed hovering helicopter rotors

[AIAA PAPER 79-1517] p0576 A79-46705

A lifting surface performance analysis with circulation coupled wake for advanced configuration hovering rotors

p0332 A79-10017

Contribution to the development of theoretical calculations for the design and optimization of lifting bodies. (Solution of three-dimensional basic thermo fluid dynamics equations with strong interacting attached and separated flow fields)

[BKV-WP-77-4] p0280 A79-17816

Prediction of aerodynamic characteristics for slender bodies alone and with lifting surfaces to high angles of attack

p0416 A79-22023

Factors influencing the accuracy of aerodynamic hinge-moment prediction

[AIAA PAPER 79-1517] p0492 A79-24965

LIFTING REENTRY VEHICLES

NT V-24 AIRCRAFT

LIFTING ROTORS

NT BEARINGLESS ROTORS

Application of the lifting line concept to helicopter computation

[ONERA, TP NO. 1978-90] p0018 A79-11571

Moments on the hub of a lifting propeller with hinge-mounted blades

p0022 A79-12216

The Lynx hingeless rotor system and flight characteristics --- military helicopter

p0079 A79-16241

Rotor prediction with different downwash models

p0125 A79-18642

Stoppable and stowable jet-flap rotor concept

p0134 A79-18679

Calculated hovering hovercraft flight dynamics with a circulation-controlled rotor

p0212 A79-24179

Unsteady aerodynamic pressure measurements on rotating lifting surfaces

p0513 A79-41949

Nonlinear mathematical simulation of unsteady flow past a helicopter rotor

p0513 A79-41573

Computation of subsonic and transonic flow about lifting rotor blades

[AIAA 79-1667] p0568 A79-85333

Flap-lag-torsion flutter analysis of a constant life rotor

[NASA-Ch-152244] p0363 A79-20099

Effect of atmospheric turbulence on the stability of a lifting rotor blade

p0584 A79-28183

The promise of multi-cyclic control --- to control fatigue blade loads and rotor vibration


LIGHT AIRCRAFT

NT BEAVER 5 AIRCRAFT

Effects of a spin chute installation on spin characteristics --- of light general aviation aircraft

[AIAA PAPER 79-0560] p0254 179-25866

The Yak-18T aircraft: Construction and operation

[AIAA 79-1667] p0392 179-32371

Adaptation of a digital airborne radar for use on the microphysics research aircraft

p0260 A79-25681

General aviation aircraft in the 1990's

[AIAA PAPER 79-0560] p0254 179-25666

Small fan-jet engines --- for business aircraft

p0260 A79-26531

Interior noise path identification in light aircraft using multivariate spectral analysis

[AIAA PAPER 79-06441] p0269 179-26915

Characteristics of propeller noise on aircraft fuselage related to interior noise transmission

[AIAA PAPER 79-0646] p0271 A79-26332

Dynaic identification of light aircraft structures and flutter certification

[ONERA, TP NO. 1979-31] p0390 A79-32302

Starting torque characteristics of small aircraft gas turbines and APU's

[AIAA PAPER 79-07-95] p0392 A79-32371

A review of small gas turbine combustion system development

[AIAA PAPER 79-07-95] p0394 A79-32405

Light propeller aircraft noise

[ONERA, TP NO. 1979-56] p0409 A79-34980

A method for the optimal layout of driving mechanisms of the alleron for gliders and motorplanes

p0411 A79-35921

Industry seeks lighter aircraft weight --- aircraft design performance

p0469 A79-36100

Producing light aircraft --- Three viability case studies

p050 A79-36376

Effects of a spin chute installation on spin characteristics --- of light general aviation aircraft

[SAE PAPER 790566] p0542 A79-36705

Conversion of wing surface pressures into normalized lift coefficient

p011 A79-18642
<table>
<thead>
<tr>
<th>SUBJECT INDEX</th>
<th>LIGHTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>[SAE PAPER 790567]</td>
<td>p0452 479-36707</td>
</tr>
<tr>
<td>Nonlinear structural crash dynamics analyses</td>
<td></td>
</tr>
<tr>
<td>[SAE PAPER 790586]</td>
<td>p045a 479-36722</td>
</tr>
<tr>
<td>Experimental verification of program KRAS - A mathematical model for general aviation structural crash dynamics</td>
<td></td>
</tr>
<tr>
<td>[SAE PAPER 790589]</td>
<td>p045a 479-36723</td>
</tr>
<tr>
<td>Seat/occupant crash dynamic analysis verification test program</td>
<td></td>
</tr>
<tr>
<td>[SAE PAPER 790590]</td>
<td>p045a 479-36724</td>
</tr>
<tr>
<td>Crash-resistant fuel systems for general aviation aircraft</td>
<td></td>
</tr>
<tr>
<td>[SAE PAPER 790592]</td>
<td>p0455 479-36726</td>
</tr>
<tr>
<td>A new light twin using bonded metal construction</td>
<td></td>
</tr>
<tr>
<td>[SAE PAPER 790603]</td>
<td>p0459 479-36735</td>
</tr>
<tr>
<td>An experimental study of propeller-induced structural vibration and interior noise</td>
<td></td>
</tr>
<tr>
<td>[SAE PAPER 790625]</td>
<td>p0458 479-36753</td>
</tr>
<tr>
<td>Summary of noise reduction characteristics of typical general aviation materials</td>
<td></td>
</tr>
<tr>
<td>[SAE PAPER 790627]</td>
<td>p0458 479-36755</td>
</tr>
<tr>
<td>A case study in design - The Gossamer Condor</td>
<td>p0460 479-37050</td>
</tr>
<tr>
<td>Digital flight control research using microprocessor technology</td>
<td>p0465 479-38533</td>
</tr>
<tr>
<td>Electric propulsion for high performance light aircraft</td>
<td>[AIAA PAPER 79-1265] p0470 479-39011</td>
</tr>
<tr>
<td>Some possibilities for the navigation of small passenger aircraft</td>
<td>p053a 479-43508</td>
</tr>
<tr>
<td>Navigation instruments for small passenger aircraft of the 1980s</td>
<td>p053a 479-43509</td>
</tr>
<tr>
<td>Compass system for small aircraft</td>
<td>p053a 479-43510</td>
</tr>
<tr>
<td>Allowable notch effectivity criterion for aircraft structures</td>
<td>p053a 479-43515</td>
</tr>
<tr>
<td>Preliminary study of pilot lateral control of two light airplanes near the stall</td>
<td>[AIAA PAPER 79-1851] p0572 479-45403</td>
</tr>
<tr>
<td>Some results from the use of a control augmentation system to study the developed spin of a light plane</td>
<td>[AIAA PAPER 79-1790] p0605 479-47709</td>
</tr>
<tr>
<td>What the FAA would like in airworthiness standards</td>
<td>[AIAA PAPER 79-1851] p0605 479-47709</td>
</tr>
<tr>
<td>Short Range Terminal Radar (SRTA) definition study</td>
<td>[NASA-TR-78-64] p0297 479-18156</td>
</tr>
<tr>
<td>Development of casualty evacuation kit for the light observation helicopter (Klawa)</td>
<td>p0310 479-19616</td>
</tr>
<tr>
<td>The fluid dynamic design of advanced centrifugal compressors</td>
<td>p0360 479-20071</td>
</tr>
<tr>
<td>Exhaust emissions characteristics for a general aviation light-aircraft w/vo Lycoming 10-360-B186 piston engine</td>
<td>[AD-065565] p0503 479-25544</td>
</tr>
<tr>
<td>Exhaust emissions characteristics for a general aviation light-aircraft w/vo Lycoming 10-360-B186 piston engine</td>
<td>[AD-065565] p0503 479-25544</td>
</tr>
<tr>
<td>Treatment of the control mechanisms of light airplanes in the flutter clearance process</td>
<td>p0545 479-27078</td>
</tr>
<tr>
<td>Dynamic windtunnel simulation of active control systems</td>
<td>p0659 479-30233</td>
</tr>
<tr>
<td>Exhaust emissions characteristics for a general aviation light-aircraft Teledyne Continental Motors TSIO-360-C piston engine</td>
<td>[AD-070010] p0670 479-31211</td>
</tr>
</tbody>
</table>

**LIGHT ALLOYS**

- MT ALUMINUM ALLOYS
- LIGHT BEAMS

- Plasma problems of aerothermodynamics --- refraction in two-dimensional nonuniform media | p0266 479-26865

**LIGHT BULBS**

- U LUMINAIRES

- LIGHT COMMUNICATION

- U OPTICAL COMMUNICATION

**LIGHT EMISSION**

- U FLUORESCENCE

**LIGHT EMITTING DIODES**

- Interactive microprogrammable control display unit | /EMP COO / --- LEDs in aircraft cockpits | p0331 479-29477

- Helmet mounted display and sight development | [ENS 79-17] p0626 479-30507

- LED instrument approach instruction display | [NASA-TR-78823] p0292 479-17054

**LIGHT INTENSITY**

- U LUMINOUS INTENSITY

**LIGHT MODULATION**

- An optical communication system for aircraft | p0280 479-28034

**LIGHT PROBES**

- U LIGHT BEAMS

**LIGHT SOURCES**

- A simple method of adapting a wind tunnel Schlieren system for interferometry | [FLO-AER-907B-378] p0305 479-21098

- LIGHT TRANSMISSION

- Laser-powered aircraft and rocket systems with laser energy relay units | p0062 479-16619

**LIGHTWEIGHT METHOD**

- Aerodynamic noise theory --- lighthill method, turbulent flow, sound pressure, and wave equations | p0443 479-23378

**LIGHTING**

- U ILLUMINATING

- LIGHTING EQUIPMENT

- MT AIRCRAFT LIGHTS

- MT AIRPORT LIGHTS

- MT LUMINAIRES

- MT RUNWAY LIGHTS

- Aircraft lighting equipment --- interior and exterior illumination | p0016 479-11366

- Internal/external lighting (aviation materiel) | [AD-069591] p0583 479-28171

**LIGHTNING**

- Relative behavior of graphite/epoxy and aluminum in a lightning environment --- aircraft safety considerations | p0187 479-20684

- Effects of lightning current waveform components on graphite/epoxy composite material --- aircraft hazards | p0187 479-20684

- Lightning conductive characteristics of graphite composite structures --- for aircraft protection | p0188 479-20666

- The effects of lightning and nuclear electromagnetic pulse on the composite aircraft | p0207 479-24077

- Recent advances in indirect lightning effects research | p0249 479-25313

- Lightning protection with segmented diverters --- for aircraft radomes and dielectric structures | p0249 479-25317

- The impact of the total lightning environment on aircraft flight control systems | p0249 479-25317

- Properties of induced transients associated with EM fields produced by lightning or other relatively slow-rise-time EMP --- in aircraft | p0249 479-25322

- The analysis and identification of flux-induced voltage transients on low-loss transmission lines with application to the Lightning-Transient-Analysis /LTA/ problem | p0249 479-25319

- The estimation of induced-voltage peak magnitude and energy level under LTE/EMP excitation of low-loss aircraft cables --- Lightning Transit Analysis/Electro-Magnetic Pulse | p0460 479-37238
LIGHTNING SUPPRESION

The McDonnell Aircraft Company Lightning Simulation Laboratory

Conference on Certification of Aircraft Lightning and Atmospheric Electricity Hazards, Chatillon-sous-Bagneux, Hauts-de-Seine, France, September 14-21, 1976, Proceedings

A new standard for lightning qualification testing of aircraft Technical overview, definitions and basic waveforms

Laboratory tests to determine lightning attachment points with small aircraft models /engineering test/

Laboratory tests to determine lightning attachment points with small aircraft models /engineering test/

Laboratory simulation of swept lightning strokes /Engineering test/

Laboratory simulation of swept lightning strokes

Laboratory test procedures to determine lightning attachment points on actual aircraft parts /Qualification test/

Laboratory tests to determine lightning attachment points on actual aircraft parts /Qualification test/

Laboratory tests to determine the possibility of ignition of fuel vapors by lightning

Laboratory tests to determine the physical damage /Direct effects/ caused by lightning /Qualification test/

Laboratory tests to determine the physical damage /Direct effects/ caused by lightning

Laboratory tests to simulate lightning streamers at apertures /Qualification test/

Laboratory tests for undesired conducted currents and surge voltages caused by lightning

Laboratory tests for undesired conducted currents and surge voltages caused by lightning

Tests on actual aircraft for electromagnetic effects /Engineering tests/

Vulnerability assessment of aircraft systems to indirect lightning effects

Direct effects protection methods for thin skins/composites

Direct effects, protection methods for thin skins/composites --- lightning protection for aircraft

Lightning hazards to aircraft

The prediction of lightning-induced voltages on metallic and composite aircraft

Summary report of the Lightning and Static Electricity Committee

An HP compatible lightning diverter strip

Protection/hardening of aircraft electronic systems against the indirect effects of lightning

Induced effects of lightning on an all composite aircraft

A new standard for lightning qualification testing of aircraft: Technical overview, definitions and basic waveforms

Analysis and calculations of lightning interactions with aircraft electrical circuits

SUBJECT INDEX

[AD-A062606] Lighting transient research on an F-111F aircraft p0364 A79-20108

Lighting transient research on an F-111F aircraft

Evaluation of a remote tone signaling control/monitor/signt system as lightning/transient protection for solid state instrument landing systems [AD-A063766] p0472 A79-22166

Composite forward fuselage systems integration, volume 2 --- effects of lightning [AD-A0665560] p0498 A79-29899

The feasibility of inflight measurement of lightning strike parameters [NASA CR-158981] p0651 A79-30165

Atmospheric Electricity Hazard (AER) [AD-A069330] p0651 A79-30169

Lightning hazards overview: Aviation requirements and interests p0662 A79-30876

An investigation into the noise interference problems at Logan Airport, Boston [AD-A070957] p0710 A79-32417

LIGHTNING SUPPRESION

Lightning protection from aircraft p0662 A79-14105

Lightning protection techniques for graphite/epoxy aircraft structures p0188 A79-20875

Identification of voltage transients on aircraft cabling under LTI excitation --- Lightning Transient Analysis p0646 A79-38531

Protection methods for hardware --- lightning protection for aircraft components p0683 A79-51145

Protection/hardening of aircraft electronic systems against the indirect effects of lightning p0683 A79-51146

LIGHTS

U LUMINAIRES

LIMITATIONS

L REEFS

LINE OF SIGHT COMMUNICATIONS

Tethered telecommunications, broadcast, and monitoring systems [AIAA 79-1609] p052a A79-42400

Aircraft obstruction of microwave links [PB-292372] p054a A79-25828

LINEAR ARRAYS

The ILS glidepath - New designs for severe sites p0156 A79-20232

LINEAR EQUATIONS

Linearization in the recursive estimation of navigation parameters p0315 A79-26604

On a property of the linearized boundary layer equations with self-induced pressure p0513 A79-41568

LINEAR FILTERS

ST KALMAN FILTERS

Optimizing linear flight vehicle stabilization systems with orthogonal filters p0069 A79-18871

LINEAR PREDICTION

Prediction of selected jet fuel test results using ATM test method 52087 data with multiple linear regression analysis [AD-A059195] p0098 A79-12245

LINEAR REGRESSION

Desensitizing constant gain feedback linear regulators p0023 A79-12290

Improved wave drag predictions using modified linear theory p0191 A79-21523

Modeling the sensitivity of a linear system to a decrease in its order by the method of infinitesimal transformation in the problem of yaw control p0348 A79-32040

Obtaining solutions of the lifting-surface equation p052a A79-43135

Parameter and state estimation applicable to aircraft identification problem p0561 A79-43946

Linearization of the boundary-layer equations of the minimum time-to-climb problem p0640 A79-49869
On modeling sensitivity of a linear system to reduction of its order by the infinitesimal transformation method in the yaw motion control problem.


Investigation of inverse Vandermonde matrix calculation for linear system applications --- adaptive flight control systems. [AD-069241]

Optimal controller design methods for linear systems with uncertain parameters-development, evaluation, and comparison --- autopilots for remotely piloted vehicles. [AIAA PAPER 79-1495]

LINEAR TRANSFORMATIONS
The enhancement of aircraft parameter identification using linear transformations --- for stability.

LINEARITY
LINEARIZATIONS
Relationships for nozzle performance coefficients. [ASME PAPER 79-GT-142]

LINKAGES
0 LINKAGES
LINKAGES (GEOMETRY)
F CHORDS (GEOMETRY)
LENGTH-EFFICIENT AIRCRAFT
VT-7 AIRCRAFT
VT-9 AIRCRAFT
VT-8 AIRCRAFT

LINKINGS
Demonstration of ceramic design methodology for a ceramic combustor liner. [ASME PAPER 79-GT-137]
The 1-4-1 system of jack movements for the flexible liners of superconductive wind tunnels.

The application of finite element techniques to acoustic transmission in lined ducts with flow. [AIAA PAPER 79-0606]

Acoustic duct liner optimization using finite elements. [AIAA PAPER 79-0662]

Analytical design of a contoured wind-tunnel liner for supersonic testing.

User guide for STRM: A boundary-layer program for contoured wind-tunnel liner design. [NASA-CR-159058]

On the attenuation of sound by three-dimensionally segmented acoustic liners in a rectangular duct. [NASA-TE-80118]

LINKAGES
Locking redundant link. [NASA-CR-159058]

Compensating linkage for main rotor control. [NASA-CR-17997-1]

LINKING
0 JOINING
LINKAGE
Mt COAL LIQUEFACTION
LIQUIDIZED GASES
Mt LIQUID HYDROGEN
Mt LIQUID OXYGEN
Comparison of alternate fuels for aircraft.

LIQUID ATOMIZATION
Fuel injection.

LIQUID BEARINGS
Significance of disk flexing in viscous-damped jet engine dynamics. [ASME PAPER 79-GT-107]
The 00-800 - A rugged, high performance heading reference unit --- directional gyro design considerations.

Evaluations of stiffness and damping coefficients for fluid-film bearings.

LIQUID COOLING
Mt FILM COOLING

Drag reduction by cooling in hydrogen fueled aircraft.

The stability of the boundary layer on a swept wing with wall cooling. [AIAA PAPER 79-1695]

Aerodynamic problems in cooled turbine blading design for small gas turbine.

LIQUID CRYSTALS
Display measurements. Measurements of reflectance-type displays. [AD-006802]

LIQUID DROPS
0 DROPS (LIQUIDS)
LIQUID FLOW
Measuring the moment imparted by a liquid pump in startup regime.

LIQUID HYDROGEN
Alternate aircraft fuels prospects and operational implications.

The potential of liquid hydrogen as a military aircraft fuel.

Cryohydrogen-fuel for tomorrow's commercial aircraft.

Liquid hydrogen fueled commercial aircraft.

The stability of the boundary layer on a swept wing with well cooling. [AIAA PAPER 79-1695]

Sustor.

Hydrogen technology, 1900-1985.

Study of hydrogen recovery systems for gas vented while refueling liquid-hydrogen fueled aircraft. [NASA-CR-158997]

Turbine engine altitude chamber and flight testing with liquid hydrogen. [NASA-TE-791946]

Comparison of alternate fuels for aircraft --- liquid hydrogen, liquid methane, and synthetic aviation kerosene. [NASA-TE-80155]

Study of the application of hydrogen fuel to long-range subsonic transport aircraft. Volume 1: Summary.

LIQUID INJECTION
Mt WATER INJECTION
Effect of injection angle on liquid injection in supersonic flow --- for increasing fuel jet penetration.

Ignition of liquid fuel jets in a supersonic air stream. [AIAA PAPER 79-1238]

LIQUID OXYGEN
Hydrogen technology, 1900-1985.

LIQUID PROPELLANT ROCKETS
ENGINE

LIQUID ROCKET PROPELLANTS
Mt MONOPROPELLANTS
Mt LIQUID HYDROGEN
Mt LIQUID OXYGEN
Mt LIQUID HYDROGEN
Mt LIQUID OXYGEN
Mt LIQUID PROPELLANTS
Mt LIQUID ROCKET PROPELLANTS

LIQUID-SOLID INTERFACES
Fluid-structure interaction dynamics in fuel cells --- aircraft vibrational analysis. [AIAA PAPER 79-0237]

LIQUIDS
Mt BORS
Mt HYDRAULIC FLUIDS
Mt LIQUIDIZED GASES
Mt LIQUID HYDROGEN
Mt LIQUID OXYGEN
Mt LIQUID PROPELLANTS
Mt LIQUID ROCKET PROPELLANTS

LITERATURE
Mt DOCUMENTATION
LOAD DISTRIBUTION (FORCES)
An improved method for load survey flight testing --- of military cargo aircraft. [AIAA PAPER 79-1799]
LOAD FACTORS

Fatigue of helicopters: Service life evaluation method

[p0434 1-970-23079]

Minimization theory of induced drag subject to constraint conditions

[NASA-CP-3140]
p0482 1-970-23923

LOAD FACTORS

LOADS (FORCES)

LOAD TESTING MACHINES

Load spectrum measuring equipment. Part 2: Details of MK 2 system used to acquire torque data in Sea King helicopters

[AER/RECH-ENG-NOTE-372]
p0715 1-970-33190

LOAD TESTS

Composite rotor hub: I, II --- fatigue and load tests for CH-54A helicopter design

Summation of defects in the case of nonisothermal programmed loads --- for supersonic transport propulsion system components

[p0220 1-970-12164]

Digital simulation of the Operational Loads Survey Flight test data

[ARS 78-58]
p0125 1-970-18179

A cumulative fatigue damage model for gas turbine engine disks subjected to complex mission loading

[ASME PAPER 78-GT-14-1]
p0150 1-970-19801

A cyclic load test for environmental durability evaluation of bonded honeycomb structure --- aircraft Al panels

[p0209 1-970-20489]

An improved method for load survey flight testing --- of military cargo aircraft

[AIAA PAPER 79-1799]
p0606 1-970-47885

Heat treatment studies of aluminum alloy forgings of the AC 74-61 type. Fatigue crack propagation performance under maneuver spectrum loading

[NLR-TR-76074-01]
p0228 1-970-16565

Review of the AGARD S and Y panel evaluation program of the NASA-Lewis SRP approach to high-temperature LCF life prediction

[p0555 1-970-27179]

The effects of gust alleviation on fatigue in 2024-T3 Alclad

[NRL-TR-78064-U]
p0598 1-970-29544

An analysis of a programmed load fatigue failure

[NAR-TR-78078]
p0599 1-970-29562

AIAA structural development design methodology --- aerelastic tailoring of the canard and wing box and distributed load tests

[NLR-CP-16085]
p0705 1-970-32197

Effect of an anti-corrosion penetrant on the fatigue life of various riveted joints during flight simulation tests

[NLR-TR-77103-01]
p0709 1-970-32350

LOADING FORCES

LOADS (FORCES)

LOADING MOMENTS

Load and dynamic assessment of B-52G-008 carrier aircraft for finned configuration 1 space shuttle solid rocket booster decelerator subsystem drop test vehicle. Volume 3: Pylon load data method 1

[NASA-CP-150836]
p0036 1-970-10050

Load and dynamic assessment of B-52G-008 carrier aircraft for finned configuration 1 space shuttle solid rocket booster decelerator subsystem drop test vehicle. Volume 4: Pylon load data

[NASA-CP-150836]
p0036 1-970-10051

A study of the effects of aircraft dynamic characteristics on structural loads criteria

[STI-TR-1099-1]
p0222 1-970-16383

C-5A load alleviation --- active lift distribution control system

[p0237 1-970-16875]

Load spectrum measuring equipment. Part 1: Details of MK 1 system presently used to acquire data in #sensor #318 helicopters

[AER/RECH-ENG-NOTE-371]
p0668 1-970-31194

Load spectrum measuring equipment. Part 2: Details of MK 2 system presently used to acquire torque data in Sea King helicopters

[AER/RECH-ENG-NOTE-372]
p0715 1-970-33190

LOADING WAVES

U LOADS (FORCES)

[AD-0064207]

LOADS (FORCES)

NT COMPRESSION LOADS

NT C-5 AIRCRAFT

NT C-100 AIRCRAFT

NT C-141 AIRCRAFT

NT F-104 AIRCRAFT

NT L-1011 AIRCRAFT

NT P-3 AIRCRAFT

NT T-33 AIRCRAFT

NT U-2 AIRCRAFT

LOCKEED C-5 AIRCRAFT

C-5 AIRCRAFT

LOCKEED U-2 AIRCRAFT

U-2 AIRCRAFT

LOGIC CIRCUITS

The operational impact of Navy's first TAPP program --- P-3C test, analyze and fix

[p0476 1-970-39890]

LOGIC DESIGN

Development of gas turbine performance seeking logic

[ASME PAPER 78-GT-13]
p0001 1-970-10257

Multiple proceeding altitude demonstration on the F100 turbofan engine

A-292
RARITIES COEHUETCATION SATELLITE (ESA)

RARITIES SATELLITES

RARITIES ORBITAL TEST SATELLITE

BARINE TECHNOLOGY

BARTER RUDDERS

HARKING

MARKET RESEARCH

BARIJE TRANSPORTATION

U NAROTS (ESA) - U MAROTS

IT MAROTS (ESA)

LM2500 condition and performance monitoring system

Jet propulsion for ICR's and hydrofoils

Cargo/Logistics Airlift System Study (CLASS)

Cargo/Logistics Airlift System Study (CLASS)

Folded shear plane control apparatus for aircraft

Marine spey - SMTA propulsion module

Gas turbines for AVC's and hydrofoils

Jet propulsion for AVC's and hydrofoils

MARINE BUDGES

Folded shear plane control apparatus for aircraft

MARINE TECHNOLOGY

Naval architectural considerations in the design

MARINE TRANSPORTATION

Sea behaviour prediction of helicopters through free model tests

MARITIME COMMUNICATION SATELLITE (USA)

MARITIME ORBITAL TEST SATELLITE

MARITIME SATELLITES

MT MAROTS (ESA)

Influence and availability of maritime satellite

communications and navigation

Goodyear aerospace conceptual design maritime

patrol airship EP3G

[AD-A068499]

[NASA CR-158916]

MARKET RESEARCH

Factors and tradeoffs affecting gas-air parachutes

designed for civilian personnel applications

[AIAA 79-0957]

How to get the world airborne - market research

and aircraft design for air transportation

in developing countries

[AIAA 79-1665]

Demand for large freighter aircraft as projected

by the NASA cargo/logistics airlift systems

studies

[AIAA 79-0842]

Some main points about general-aviation design practice

Design criteria for airline operation

[AIAA PAPER 79-1050]

A graph-theoretic method to quantify the airline route authority

Engine requirements for future general aviation aircraft

Cargo/Logistics Airlift System Study (CLASS),

volume 1

[AIAA CR-158915]

Cargo/Logistics Airlift System Study (CLASS),

volume 2

[AIAA CR-158916]

Cargo/Logistics Airlift System Study (CLASS),

effective summary

[AIAA CR-158995]

Study of future world markets for agricultural aircraft

[AIAA CR-158937]

MARKETING

Airbus picks up speed - and the junior A310 takes off

The European Airbus has definitively penetrated

the world market

Additional analyses of air carried load factors

and competition

[PB-290577/9]

MARKETING

Airfield marking paints state-of-the-art

[APA-RD-78-104]

Design procedure for aircrew station labelling

selection and abbreviation

p0656 79-30208
Stability and control derivative estimates obtained from flight data for the Beech 99 aircraft.

(p0367 NASA-TN-72663)

Determination of the stability and control derivatives for the variable-response research aircraft using a modified maximum likelihood estimator.

[AD-1063270] p0388 NASA-TN-21082

Important factors in the maximum likelihood analysis of flight test maneuvers.

(p0425 NASA-TF-1965)

MCDONNELL AIRCRAFT

NT DC 10 AIRCRAFT

NT P-4 AIRCRAFT

MCDONNELL DOUGLAS AIRCRAFT

NT C-118 AIRCRAFT

NT DC 3 AIRCRAFT

NT DC 6 AIRCRAFT

NT DC 9 AIRCRAFT

NT DC 10 AIRCRAFT

NT F-4 AIRCRAFT

NT F-18 AIRCRAFT

Two versions of the F-18 in hot competition.

(p0345 NASA-T-31237)

MEASURE AND INTEGRATION

STABILITY AND CONTROL

MEASURING INSTRUMENTS

NT ACCELEROMETERS

NT ALTITMERS

NT ANEMOMETERS

NT APPROACH INDICATORS

NT ATTITUDE INDICATORS

NT BALLOON-BORNE INSTRUMENTS

NT CALOMETERS

NT CLOUD HEIGHT INDICATORS

NT COMPASSES

NT DISTANCE MEASURING EQUIPMENT

NT DROPOPRONS

NT ENGINE MONITORING INSTRUMENTS

NT FLIGHT LOAD RECORDERS

NT FLIGHT RECORDERS

NT FLIR DETECTORS

NT FLIGHT DIRECTION INDICATORS

NT FLOWMETERS

NT GYROCOMPARSES

NT HOT-FILM AVEROMETERS

NT HOT-WIRE AAMOMETERS

NT INDICATING INSTRUMENTS

NT INFRARED DETECTORS

NT INFRARED IRENSORS

NT INFRARED PHOTOMETERS

NT INFRARED SCANNERS

NT INFRARED SPECTROMETERS

NT INTERFEROMETERS

NT LASER ANTIOMETERS

NT LASER DOPPLER VELOCIMETERS

NT LASER RANGE FINDERS

NT MAGNOMETERS

NT METEOROLOGICAL INSTRUMENTS

NT MICROWAVE INTERFAMETERS

NT MICROWAVE SENSORS

NT MULTISPECTRAL RADI SCANNERS

NT NOISE METERS

NT OSGRA NAVIGATION SYSTEM

NT OPTICAL MEASURING INSTRUMENTS

NT OPTICAL RANGE FINDERS

NT PIEZOELECTRIC GAGES

NT PLAN POSITION INDICATORS

NT PRESSURE GAGES

NT RADIO ALTIMETERS

NT RADIO DIRECTION FINDERS

NT RANGE FINDERS

NT ELEMENTARY INSTRUMENTS

NT SPEED INDICATORS

NT STRAIN GAGES

NT TEMP-NATURE PROBES

NT THERMOMETERS

NT TURBULENCE METERS

NT VANEOMETERS

NT VIBRATION METERS

NT WEATHER DATA RECORDERS

NT WEIGHT INDICATORS

MCDONNELL DOUGLAS AIRCRAFT

NT DC 10 AIRCRAFT

NT P-4 AIRCRAFT

MCDONNELL AIRCRAFT

NT DC 6 AIRCRAFT

NT DC 9 AIRCRAFT

NT DC 10 AIRCRAFT

NT F-4 AIRCRAFT

NT F-18 AIRCRAFT

Two versions of the F-18 in hot competition.

(p0345 NASA-T-31237)

MECHANICAL DEVICES

NT ENGINEERING DRAWINGS

MECHANICAL DRAWINGS

MECHANICAL DRIVES

NT HELICOPTER PROPELLER DRIVE

NT PROPELLER DRIVE

NT TRANSMISSIONS (MACHINE ELEMENTS)

ENGINEERING STUDIES OF AIRCRAFT HYDRAULIC DRIVES

(p0564 NASA-TN-74884)

Advanced technology applied to the C-147 drive system.

(p0258 A79-25908)

A method for the optimal layout of driving mechanisms of the aileron for gliders and motorplanes.

(p0411 A79-35921)

Electromechanical actuation for business aircraft applications.

(p0537 A79-36750)

Rotorshaft torque meter --- principles and application.

(p0631 A79-49090)

Ground test vehicle testing --- in helicopter development programs.

(p0631 A79-49092)

Engine/airframe/drive train dynamic interface documentation.

(p0095 A79-12094)

Investigation of motion base drive techniques.

(p0107 A79-13065)

The rotary combustion engine: A candidate for general aviation --- conferences

(p0221 NASA-CP-2067)

Development status of rotary engine at Toyo Kogyo --- for general aviation aircraft.

(p0221 NASA-T-79-15966)

Update of development on the new Aidi NS rotary engine generation --- for application to aircraft engines.

(p0221 NASA-T-79-15965)

Review of the Rhein-Flugzeugbau Wankel powered aircraft program --- ducted fan engines.

(p0221 NASA-T-79-15966)

Rotary engine developments at Curtiss-Wright over the past 20 years and recent general aviation engine potential --- with direct chamber injection.

(p0221 NASA-T-79-15967)

Engine requirements for future general aviation aircraft.

(p0221 NASA-T-79-15968)

Engine/airframe/drive train dynamic interface documentation.

(p0382 A79-21047)

Driveshaft alignment indicator.

(p0487 A79-23973)

Helicopter drive system R and R design guide.

(p0562 A79-30180)

NASA gear research and its probable effect on rotorcraft transmission design.

(p0721 NASA-T-79292)

A-302
Subject Index

- Information distribution in distributed microprocessor-based flight control systems
- Structural integrity recording system for helicopters
- Microprocessor control of aircraft DMF
- Flight test control by means of a microprocessor
- Advances in avionics — emphasizing microprocessor technology and integrated circuits
- New approaches concerning the implementation of radar target extractors with the aid of very fast microprogrammable data processors
- Practical 'on-engine' microprocessor control and monitoring systems for gas turbines
- Hyperbolic positioning per se in a passive navigation system: range measurements using microprocessor
- Digital flight control research using microprocessor technology
- Exploring team avionics systems by simulation
- Simulation of distributed microprocessor-based flight control systems
- Multivariable control design principles applied to a variable cycle turbofan engine
- A microprocessor flight control system design principles
- A multi microprocessor flight control system design principles
- Microprocessor-based digital autopilot development for the IQM-106 Mini-RPV
- Built in test of A/D converters - Presentation of approaches and recommendations for improved BIT effectiveness — in airborne radar systems
- A microprocessor system for flight control research
- The impact of low cost micro-processors on airborne navigation systems
- A multi microprocessor flight control system — Architectural concepts
- Flight tests of a microprocessor-based flight control system
- Distributed microprocessors in avionics systems
- The application of microprocessor technology to in-flight computation
- Design of a multi-microprocessor system for real-time aircraft simulation
- The impact of a multi-function programmable control display unit in affecting a reduction of pilot workload
- Interactive microprogrammable control display unit /IFC CDR/ — LEDs in aircraft cockpits
- Electroscopic
- Microstrip transmission lines
- A model for calculating the radiation field of microstrip antennas
- Microstrip antenna elements for use in hemispherically scanned arrays
- Influence of thermomechanical treatment on microstructure and mechanical properties of high strength aluminum alloys
- Heat treatment of P/M nickel-base superalloys for turbine disks

Methods

- U METHODOLOGY
- U METHALCOHOLS
- Methanol, ethanol and jet fuel emissions comparison from a small gas turbine
- Methanol, ethanol and jet fuel emissions comparison from a small gas turbine
- Microprocessors
- An airborne microcomputer for radio navigation
- Computers on the airliner flight deck
- Microcomputer applications in strapdown heading and attitude reference system
- Microcomputer control of a test facility — for avionics
- Fixed byte and bit slice microcomputer survivability techniques — in aircraft subject to electromagnetic or nuclear radiation
- Microcomputer-based flight data recorder/monitor with solid state memory
- Acquisition planning for tactical avionics systems
- Microelectronics
- Hybrid technology cost reduction and reliability improvement study
- New devices for digital communications in avionics
- Micronanization
- Large scale integration
- Microorganisms
- Microstructures
- An alternative to pseudo-tone microphones for airplane flyover noise testing
- Microprocessors
- Advanced technology impact upon ATE self test — by use of microprocessors and LSI
- New-generation Tacan equipment

Methods

- Methods
- U METHODOLOGY
- U METHALCOHOLS
- Methanol, ethanol and jet fuel emissions comparison from a small gas turbine
- Methanol, ethanol and jet fuel emissions comparison from a small gas turbine
- Microprocessors
- An airborne microcomputer for radio navigation
- Computers on the airliner flight deck
- Microcomputer applications in strapdown heading and attitude reference system
- Microcomputer control of a test facility — for avionics
- Fixed byte and bit slice microcomputer survivability techniques — in aircraft subject to electromagnetic or nuclear radiation
- Microcomputer-based flight data recorder/monitor with solid state memory
- Acquisition planning for tactical avionics systems
- Microelectronics
- Hybrid technology cost reduction and reliability improvement study
- New devices for digital communications in avionics
- Micronanization
- Large scale integration
- Microorganisms
- Microstructures
- An alternative to pseudo-tone microphones for airplane flyover noise testing
- Microprocessors
- Advanced technology impact upon ATE self test — by use of microprocessors and LSI
- New-generation Tacan equipment

Method of Characteristics

- Calculation of the three-dimensional flow field in supersonic inlets at angle of attack using a bicharacteristic method with discrete shock wave fitting
- Airfoil optimization for transonic flow using the methods of finite elements and characteristics

Methodology

- The challenge of new technology for avionics testing
- Flight test techniques for a transonic aircraft
Aircraft obstruction of microwave links  
[DGLR PAPER 79-035]  
p0519 A79-42362

Experience in the analysis of real and simulated collisions and dangerous encounters in German airspace  
[DGLR PAPER 79-036]  
p0519 A79-42363

Aircraft accident report: Midair collision involving a Falcon JET, N1216W, and a Cessna 152N, N6423K, Memphis, Tennessee  
[WTSB-ARM-78-14]  
p0288 A79-17821

Briefs of accidents involving midair collisions, US general aviation, 1977  
[WTSB-ARM-78-13]  
p0289 A79-17829

Report of the FAA task force on aircraft separation assurance. Volume 1: Executive summary  
[AD-A067905]  
p0540 A79-26042

Aviation safety  
[UPO-37-070]  
p0592 A79-29162

Soviet swing-wings — MiG-23 fighter family characteristics  
[p0112 A79-17125

Fleet and facility planning via optimal control models  
[p0081 A79-16552

An evaluation of the bird/aircraft strike hazard at Dover Air Force Base, Delaware  
[AD-A061297]  
p0265 A79-26725

An evaluation of the bird/aircraft strike hazard at Lajes Air Force Base, Azores  
[AD-A061371]  
p0230 A79-16819

An evaluation of the bird/aircraft strike hazard (DAMD) at area C-62, Eglin AFB, FL  
[AD-A061371]  
p0230 A79-16820

DOD's commendable initial efforts to solve land use problems around airfields  
[PS-291617/G]  
p0426 A79-22120

An evaluation of the bird/aircraft strike hazard at Sheppard Air Force Base, Texas  
[p0040 A79-26039

An evaluation of asphalt-rubber mixtures for use in pavement systems  
[AD-A069488]  
p0661 A79-30246

Military engine usage monitoring developments in the United Kingdom  
[ASRE PAPER 78-07-65]  
p0008 A79-10772

Time-shared development methodology — The key for reliable engines in future military aircraft weapons systems  
[ASRE PAPER 78-07-167]  
p0100 A79-10807

Impact of operational issues on design of advanced composite structures for Army helicopters  
[p0013 A79-10907

Commercial test software development practices for military applications — for avionics support equipment  
p0023 A79-12320

A economical approach to an accident information retrieval system /AIRS/  
p0066 A79-14419

Reform Data collection and reporting method — Reliability Improved Warranty for military aircraft  
p0072 A79-15360

Navigation systems for USAF aircraft through the year 2000  
p0076 A79-16159

F-18 Hornet  
p0115 A79-17650

Analytical designing of flight-vehicle hydraulic systems — Russian book  
p0115 A79-17675

The air-superiority fighter  
p0118 A79-18096

The sizing of a V/STOL aircraft for multimission application  
[APS 78-09]  
p0119 A79-18135

Tilt rotor aircraft and the U.S. Navy  
p0133 A79-18673

VT-15 tilt rotor research aircraft and preliminary design of a larger aircraft for the U.S. Navy subsonic V/STOL mission  
p0133 A79-18678

Flight research capabilities of the NASA/Army Rotor System Research Aircraft  
p0137 A79-18703

Kielbicz Do 34 — The German contribution to the ARGUS program — tethered rotor platform for battlefield surveillance system  
p0150 A79-19097

An analysis of the new construction regulations for military and civil aircraft construction with respect to the demonstration of serviceability  
[DGLR PAPER 79-193]  
p0184 A79-20494

Army outlook — Flight control systems — for helicopters  
p0198 A79-22772

Introducing cost effectiveness into the tactical airplane design cycle in a cost effective manner  
[AIAA PAPER 79-0225]  
p0203 A79-22568

Strike Drone — A defense suppression concept using unmanned cruise/loiter/attack vehicle  
[SAE PAPER 781017]  
p0256 A79-25894

Shale oil — The answer to the jet fuel availability question  
[SAE PAPER 781027]  
p0257 A79-25900

Avionics systems needed to optimize V/STOL potential  
p0266 A79-26874

New airborne armament system — multimission design requirements  
[AIAA 79-0697]  
p0276 A79-27362

Inertial navigation — A historical account with a description of a modern system  
p0335 A79-29762

Very large vehicles — To be or aircraft design concepts  
p0338 A79-30484

Large-vehicle concepts — aircraft design  
p0338 A79-30485

Tactical pilotless aircraft — Do they really have a future  
p0344 A79-31236

A research study into the reliability of various fuel, hydraulic and air conditioning components of military aircraft  
p0400 A79-33459

Study of installed environment of various equipments in military aircraft  
p0400 A79-33460

Aircrew experiences in USAF ejections, 1971-1977  
p0401 A79-33609

Analyzing technology potential for strategic airlift  
[AIAA 79-0841]  
p0404 A79-33828

Large wing-in-ground effect transport aircraft  
[AIAA 79-0845]  
p0408 A79-33830

Strategic airlift vehicle concepts  
[AIAA 79-0855]  
p0405 A79-33833

Advanced nuclear systems for large aircraft  
[AIAA 79-0852]  
p0405 A79-33835

Weapons for the black-box war  
p0408 A79-34824

Dassault-Breguet — The Mirage 2000  
p0459 A79-36974

The impact of operational requirements on V/STOL propulsion concept selection  

**SUBJECT INDEX**

<table>
<thead>
<tr>
<th>TITLE</th>
<th>PAPER NO.</th>
<th>PAPER No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contribution of the engine R &amp; D community to reduced cost of ownership of Army helicopters</td>
<td>p0511 A79-40764</td>
<td></td>
</tr>
<tr>
<td>Nuclear aircraft innovations and applications [ATAA PAPER 79-1360]</td>
<td>p0515 A79-41913</td>
<td></td>
</tr>
<tr>
<td>Alpha Jet - The Franco-German training and tactical support aircraft</td>
<td>p0516 A79-42063</td>
<td></td>
</tr>
<tr>
<td>Possibilities and limits of the application of estimation methods for development costs and equipment unit prices of flight systems in preliminary design, planning, and evaluation tasks [DGLR PAPER 79-052]</td>
<td>p0517 A79-42348</td>
<td></td>
</tr>
<tr>
<td>Ilyushin 'Candid' --- Soviet transport for enhanced air mobility and logistical support</td>
<td>p0525 A79-42423</td>
<td></td>
</tr>
<tr>
<td>Overage indicators for prepreg products</td>
<td>p0527 A79-42523</td>
<td></td>
</tr>
<tr>
<td>Fundamentals of design. II - VTO for combat aircraft</td>
<td>p0530 A79-43325</td>
<td></td>
</tr>
<tr>
<td>State of the art in aircraft loads monitoring</td>
<td>p0531 A79-44153</td>
<td></td>
</tr>
<tr>
<td>Propulsion system and airframe integration consideration for advanced air-to-surface aircraft [ATAA PAPER 79-1120]</td>
<td>p0563 A79-48400</td>
<td></td>
</tr>
<tr>
<td>Electric power system control techniques</td>
<td>p0615 A79-48614</td>
<td></td>
</tr>
<tr>
<td>Advanced RFV electrical systems</td>
<td>p0625 A79-51208</td>
<td></td>
</tr>
<tr>
<td>The effect of standardization of avionics software quality assurance</td>
<td>p0637 A79-52997</td>
<td></td>
</tr>
<tr>
<td>Evaluation of selected class III requirements of MIL-P-87858 /ASG/ 'Flying Qualities of Piloted Aircraft'</td>
<td>p0646 A79-50489</td>
<td></td>
</tr>
<tr>
<td>A new standard for lightning qualification testing of aircraft technical overview, definitions and basic waveforms</td>
<td>p0660 A79-51128</td>
<td></td>
</tr>
<tr>
<td>The determination of margins of safety for critical aircraft systems --- electronic equipment EMC</td>
<td>p0650 A79-52887</td>
<td></td>
</tr>
<tr>
<td>Military considerations for helicopter flight controls</td>
<td>p0655 A79-53028</td>
<td></td>
</tr>
<tr>
<td>Integrated Avionics Control System (IACS)</td>
<td>p0677 A79-57056</td>
<td></td>
</tr>
<tr>
<td>Nondestructive evaluation procedure for military airfields</td>
<td>p0678 A79-57576</td>
<td></td>
</tr>
<tr>
<td>Computerization of tactical aircraft performance data for fleet application [AD-1056476]</td>
<td>p1016 A79-13067</td>
<td></td>
</tr>
<tr>
<td>Dynamic response of aircraft to unloaded and loaded pavement profiles</td>
<td>p1062 A79-14087</td>
<td></td>
</tr>
<tr>
<td>The Development of a parametric method of measuring in fatigue loads based on flight measurements on a lightning MK.55 [ARC-P-R-3012]</td>
<td>p1070 A79-15056</td>
<td></td>
</tr>
<tr>
<td>A survey of communications in the high noise environment of Army aircraft</td>
<td>p1101 A79-16968</td>
<td></td>
</tr>
<tr>
<td>Airborne fiber optics manufacturing technology. Aircraft installation processes [AD-1062683]</td>
<td>p1102 A79-16966</td>
<td></td>
</tr>
<tr>
<td>Some UK research studies of the use of wing-body strakes on combat aircraft configurations at high angles of attack</td>
<td>p1103 A79-21999</td>
<td></td>
</tr>
<tr>
<td>Development of a NIMAD battery interface unit --- for use on Army aircraft [AD-1064250]</td>
<td>p0442 A79-22637</td>
<td></td>
</tr>
</tbody>
</table>

**MILITARY HELICOPTERS**

- An appraisal of models used in life cycle cost estimation for USAF aircraft systems [AD-10564333] p0429 A79-22964
- A2.0
- Optimus frequencies for aircraft classification [AD-10565697] p0430 A79-24220
- The impact of alternate fuels on aircraft configuration characteristics --- military aircraft [AD-1056983] p0501 A79-25294
- Application of engine usage analysis to component life utilization p0553 A79-27160
- Naval aircraft operating and support cost-estimating model, FY 1977 revision [AD-10681757] p0649 A79-30140
- Enforcer aircraft (AD-90-32-569) p0651 A79-30174
- Design procedure for aircrew station labeling selection and abbreviation p0656 A79-30208
- GCC, the Guidance and Control Unit for all weather approach p0657 A79-30213
- Experimental methods for aircraft design qualifications in an exploding warhead environment p0706 A79-32203

**MILITARY AVIATION**

- Support systems for advanced military electronics --- ATE design trends p0023 A79-12305
- The MW/AH-132 Navistar navigator p0058 A79-12376
- The challenge of new technology for avionics testing --- U.S. Air Force assessment p0080 A79-16443
- Thoughts on the future of military aviation. I [DGLR PAPER 79-184] p0151 A79-20025
- In-flight refuelling and the world of the eighties /Second Sir Alan Cobham Memorial Lecture/ p0166 A79-20790
- Army outlook - Flight control systems --- for helicopters p0198 A79-22772
- The logistics of life cycle cost --- in operations and support systems for fighter aircraft p0205 A79-23628
- The new P3C Orion aircraft with the RAAP p0349 A79-32231
- Survey of the cost estimation process used during the transporter design stage --- military aviation [DGLR PAPER 79-054] p0517 A79-42349
- The application of pulsed 'G' band radio altimeters to modern military aircraft p0638 A79-49590

**MILITARY HELICOPTERS**

- AN-64 HELICOPTER p0066 A79-14418
- Development of an environmental design and test guide for Army rotary-wing aircraft p0075 A79-16078
- Integrated computer-display system for modern anti-tank/combat helicopters p0078 A79-16233
- MBB helicopters for the army p0078 A79-16234
- Important criteria for the definition and design of future helicopter powerplants p0078 A79-16326
- Chief features of future helicopter avionics p0079 A79-16328
- Presentation of thermal or residual-light TV images on head-up displays for night or all-weather operations --- for military helicopters p0079 A79-16290
The development and evaluation of a g seat for a high performance military aircraft training simulator

Target marker placement for dive-toss deliveries with wings non-level

Tactical performance characterization basic methodology

If Army helicopter maintenance is to be ready for wartime, it must be made efficient and effective in peacetime.

CITS - Tomorrow's test system today --- Central 20 hp mini-EPV demonstrator engine programs

Air Force Space Laser Communications

Naval Air Development center's unique future avionics - Keeping capability up, costs down

Aerospace and military - Progress in space advances in materials technology through the BMVg

Electronic maps for tomorrow's cockpits --- for military fiber optics applications

Inertial navigation - A historical account with a result of NiMAT

Multiband antenna --- for tactical naval aircraft

An instrument rotation in the N73 standard inertial navigation system

Aerospace computer systems. Part 1: Avionics applications, volume 3. A bibliography with abstracts

Air Force modular automatic test equipment development program

Techniques for fault isolation ambiguity reduction --- in military avionics

MILLIMETER WAVES

Radar applications of millimeter waves

SEATRACKS - A millimeter wave radar fire control system

Millimeter airborne radar target detection and selection techniques

MINERALS

RT GRAPHITE

MINIATURE ELECTRONIC EQUIPMENT

A miniature air sonar altimeter --- for remotely piloted terrain following aircraft

MINICOMPUTERS

DEBB-NC - The new ATC system in the FRG --- Display of Extracted Radar Data-MiniComputer

STPT - Design and analysis of a fault-tolerant computer for aircraft control --- Software Implemented Fault Tolerant systems

Concept of modular software for the stepwise construction of radar data processing systems with minicomputers, taking into account as example the Aircrak System

A general aviation flight test application of the on-board computer

General aviation aircraft design for performance using small computers

Dual digital flight control redundancy management system development program

INACT - Interactive test data analysis --- with minicomputers

Airfoil design by numerical optimization using a minicomputer

Modernization of the low speed wind tunnel at Breguet de Velizy: Measuring system modernization " Minicomputer T I 980"

Aerospace computer systems. Part 1: Avionics applications, volume 2. A bibliography with abstracts

Aerospace computer systems. Part 1: Avionics applications, volume 3. A bibliography with abstracts

MINIMIZATION

U OPTIMIZATION

MINIMUM DRAWM

Theoretical and experimental investigation of the aerodynamic characteristics of three-dimensional bodies

Minimization theory of induced drag subject to constraint conditions

WEAP 3 AIRCRAFT

Flight testing the KFIP

MINIBOARDS

Desirable mirror surface control - Hardware, algorithms

MISS DISTANCE

Optimal missile guidance for low miss and perpendicular impact

A comparison of air-to-air missile guidance laws based on optimal control and differential game theory

MISSILE ANTENNAS

In-house exploratory development program on microstrip antennas
MISSILE COMPONENTS

MISSILE COMPONENTS
MT MISSILE ANTENNAS
Wings
Aerodynamics of low aspect ratio wings p0342 N79-23053
Pressure distributions on three different cruciform aft-tail control surfaces of a wingless missile at Mach 1.60, 2.36, and 3.70 Volume 1: Trapezoidal tail --- conducted in Langley Unitary Plan wind tunnel [NASA-TN-80097-VOL-1] p0547 N79-27099
Ultra-high-modulus graphite-epoxy conical shell development, supplement [AD-A067955] p0662 N79-30335

MISSILE CONFIGURATIONS
Unconstrained supersonic cruise and maneuvering configuration concepts --- for long range air-ground and air-air missiles [AIAA PAPER 79-0220] p0104 N79-15606
Improved transonic nose drag estimates for the NSWC missile aerodynamic computer program [AD-A057945] p0539 N79-10030
Vortex models on missile configurations --- computer program for determining aerodynamic coefficients and flow deflection [NMG-FW-77-27] p0287 N79-17814
Effect of nose bluntness and afterbody shape on aerodynamic characteristics of a monoplanar missile concept with bodies of circular and elliptical cross sections at a Mach number of 2.50 [NASA-TM-80855] p0538 N79-26023

MISSILE CONTROL
Band spread effect of a Doppler miss distance measurement system --- for missile striking system p0266 N79-14232
High-performance VTOL for over-the-horizon targeting --- for surface to surface cruise missiles [AIAA 79-1744] p0115 N79-18136
The aerodynamic effectiveness of split flap stabilizers [AIAA PAPER 79-0093] p0183 N79-19529
Numerical computation of optimal evasive maneuvers for a realistically modeled airplane pursued by a missile with proportional guidance [AIAA 79-1624] p0566 N79-45306
Optimal missile guidance for low miss and perpendicular impact [AIAA 79-1736] p0571 N79-45377
A comparison of air-to-air missile guidance laws based on optimal control and differential game theory [AIAA 79-1736] p0571 N79-45378
Complex quaternion notation in coordinate transformations and missile launching aircraft-inertial space transformations p0619 N79-48681
Coherent optical processing for missile guidance p0684 N79-51864
SLIC-7 laser gyro investigations --- thermal and storage stability [AD-A059028] p0100 N79-13021
Stability and control characteristics of a monoplanar elliptic missile model at Mach numbers from 1.60 to 2.66 [NASA-TP-1352] p0287 N79-17808
Global positioning system tactical missile guidance p0353 N79-20013

MISSILE DESIGN
Optimizing finned pilotless flight vehicle design parameters p0069 N79-14870
The place of aerodynamics in the design process p0301 N79-19333
A brief review of air flight weapons [AD-A057945] p0341 N79-23051
Aerodynamics of low aspect ratio wings p0342 N79-23053
Weapon/aircraft interactions p0556 N79-27205

MISSILE DETECTION
MT RADAR DETECTION
Multichannel infrared receiver performance --- for airborne detection of antiaircraft missiles p0410 N79-35210

MISSILE GUIDANCE
U MISSILE CONTROL
A comparison of air-to-air missile guidance laws based on optimal control and differential game theory [AIAA 79-1736] p0571 N79-45378

MISSILE SIMULATORS
Flight Dynamics Laboratory at SLL [SAND-79-6240] p0106 N79-12068

MISSILE STABILIZATION
U MISSILE CONTROL
U STABILIZATION

MISSILE TESTS
Testing of the TOW missile-configured AH-12 helicopter --- Tube-launched Optically-tracked Wire guided [AMS 78-63] p0123 N79-18166
Testing of the TOW missile-configured AH-12 helicopter --- Tube-launched Optically-tracked Wire guided [AMS 78-63] p0123 N79-18166
Test technique development in interference free testing, flow visualization, and remote control模特 technology at Langley's Unitary Plan wind tunnel p0679 N79-51093
Cannon-body-tail missile test at angles of attack to 50 deg in the Ames 11-foot transonic wind tunnel [NASA-TM-78-441] p0086 N79-12012

MISSILE TRACKING
Application of an extended Kalman filter to an advanced fire control system p0070 N79-15018
An improved lateral stability augmentation system for air-to-air tracking [AIAA 79-1773] p0572 N79-45402

MISSILE TRAJECTORIES
Wind tunnel simulation of the firing of missiles carried under aircraft [ONERA, TP NO. 1979-65] p0355 N79-43622
Analysis, storage, and retrieval of elevation data with applications to improve penetration [AD-A068747] p0582 N79-28166

MISSILES
MT AIR TO AIR MISSILES
MT AIR TO SURFACE MISSILES
MT ARTILLERY MISSILES
MT CRUISE MISSILES
MT HARMET MISSILES
Wind-tunnel studies of the effects of simulated damage on the aerodynamic characteristics of airplanes and missiles p0278 N79-27424
Euromissile - An example of cooperation with respect to missiles p0517 N79-42067
Presentation of stability derivatives in missile aerodynamics and theoretical methods for their prediction p0178 N79-15080
Analysis of base-flow problems during powered supersonic flight p0301 N79-18926
Structures for hypersonic airbreathing tactical missiles p0307 N79-21437
High angle of attack aerodynamics [AGARD-CP-247] p0313 N79-21996
A brief review of air flight weapons p0431 N79-23051

MISSION PLANNING
A Mars airplane . . . Oh really --- aerospaceplane
Effect of atmospheric turbulence on the stability of a lifting rotor blade

MOTOR VEHICLES
- NT ELECTRIC MOTOR VEHICLES
  Gas turbine engines and transmissions for bus demonstration program
  (COO-4567-1)
  Hydrogen use as a fuel. Citations from the NTIS data base
  (NTIS/P-59-79/079/3)

MOUNTS
- NT ELECTRIC MOUNTS
- NT SYNCHRONOUS MOUNTS

MOONSHOTS
Antenna to IMU mounting for SAR motion compensation
--- Inertial Measurement Unit

MULTIPLEXING
- NT TIME DIVISION MULTIPLEXING
- MULTIPLEX TRANSMISSION

MULTIPROCESSING (COMPUTERS)
- A high microprocessor flight control system
  -设计 principles
  - System architecture

MULTIPROCESSORS
- D Distributed microprocessors in avionics systems
- A A multi-microprocessor system for onboard real-time aircraft simulation
  - Design principles
  - Architectural concepts

MULTISPECTRAL RADIOMETERS
- Development of airborne systems for use with HIS in ATC
- Analysis of equipment for real-time aircraft simulation

MULTISTAGE COMPRESSORS
- U TURBOCOMPRESSORS
- A Multi-microprocessor flight control system
  - Design principles
  - Architectural concepts

MULTIVARY STATISTICAL ANALYSIS
- A Multi-microprocessor flight control system
  - Design principles
  - Architectural concepts

MULTIVARIABLE REGRESSION ANALYSIS

N

N-156 AIRCRAFT
- U P-5 AIRCRAFT

NACELLES
Development of an inlet for a tilt nacelle
- subsonic V/STOL aircraft
- A multi-phase flow model
- Effect of lip and centerbody geometry on aerodynamic performance of inlets for tilt-nacelle VTOL aircraft
- Factors influencing nacelle design on the 747
- A multi-phase flow model
- Effects of lip and centerbody geometry on aerodynamic performance of inlets for tilt-nacelle VTOL aircraft
- Performance of a V/STOL tilt nacelle inlet with blowing boundary layer control
- Full-scale wind tunnel study of nacelle shape on cooling drag
- Recent applications of theoretical analysis to V/STOL inlet design
- Integrated gas turbine engine-nacelle
- Theoretical study of V/STOL tilt-nacelle axisymmetric inlet geometries

A-315
PASA PROGRAMS

NASA PROGRAMS

NT TILT ROTOR RESEARCH AIRCRAFT PROGRAM
NT SUPERSONIC CRUISE AIRCRAFT RESEARCH
NT SPHINX
NT QUIET ENGINE PROGRAM
NT ATLIT PROJECT

Overview of FIREMEN program at Ames Research Center

Development of fire-resistant, low smoke generating, thermally stable end items for aircraft and spacecraft

NASA PROGRAMS

NT ATLIT проект
NT QURET ENGINE PROGRAM
NT SUPERSONIC CRUISE AIRCRAFT RESEARCH
NT TERMINAL CONFIGURED VEHICLE PROGRAM

Technology for aircraft energy efficiency

Flight research capabilities of the NASA/Army Rotor Systems Research Aircraft

Composite structure applications for commercial aircraft

The NASA high pressure facility and turbine test rig

Development of noise and vibration ride comfort criteria

NASA plans and programs in support of integrated ATC development

Engine technology for production turbofan engines

NASA research on general aviation power plants

Prop-fan propulsion - Its status and potential

An acoustical study of the IT-15 Tilt Rotor Research Aircraft

Advanced supersonic technology and its implications for the future

Enhanced capabilities of future fighters as a result of BIMAS

NASA/AAA general aviation crash dynamics program - A status report

Verification and validation of the NASA Terminal Configured Vehicle's /TCP/ wind analysis program using real-time digital simulation

A NASA initiative for general aviation - The general aviation airfoil design and analysis service

The NASA Aircraft Energy Efficiency program

Up and away with QSRN - Quiet Short-haul Research Aircraft

Demand for large freighter aircraft as projected by the NASA cargo/logistics airlift system studies

NASA general aviation crashworthiness seat development

An overview of NASA research on positive displacement type general aviation engines

Overview of FIREMEN program at Ames Research Center

Development of aircraft lavatory components with improved fire resistance characteristics

Development of fire-resistant, low smoke generating, thermally stable end items for aircraft and spacecraft

Fire resistant aircraft seat materials

Subject Index

Fabric for fire resistant passenger seats in aircraft

Enclosure fire modeling

Model fire tests on polyphosphazene rubber and polyvinyl chloride (PVC)/nitrite rubber foams

NASA research on general aviation power plants

Preliminary SCSA program test results

Overview of NASA general aviation program

General aviation energy-conservation research programs

Algorithms and logic for incorporating MLS back azimuth information into the NASA TCV B-737 airplane area navigation system

Flying NASA's terminal configured vehicle against the microwave landing system

NASA research objectives and roles

Langley airfoil-research program

Overview of two-dimensional airfoil research at Ames Research Center

Tests of NASA ceramic thermal barrier coating for gas-turbine engines

Generalization of analytical tools for helicopter-rotor airfoils

Ozone Contamination in Aircraft Cabins

Ozone contamination in aircraft cabins: Objectives and approach

Recommendations of the panels: Panel on in-flight measurements

Recommendations of the panels: Panel on flight planning to avoid high ozone

Ozone Contamination in Aircraft Cabins: Summary of recommendations

Ozone Contamination in Aircraft Cabins: Post workshop review of recommendations

Ozone Contamination in Aircraft Cabins: Appendix A: Ozone toxicity

Ozone Contamination in Aircraft Cabins: Appendix B: Overview papers. In-flight measurements

Ozone Contamination in Aircraft Cabins: Appendix E: Overview papers. Flight 8 planning to avoid high ozone

Ozone Contamination in Aircraft Cabins: Appendix F: Overview papers. Ozone destruction techniques

Important factors in the maximum likelihood analysis of flight test maneuvers

Quiet propulsive lift for commuter airlines

State of the art survey of technologies applicable to NASA's aeronautics, avionics and controls program

NASA authorization, 1980, volume 1, part 2

Design and testing of a redundant skewed inertial sensor complex for integrated navigation and flight control

NASA gear research and its probable effect on rotorcraft transmission design

A-316
The use of 3-D finite element analysis in the analysis of high velocity impact on hybrid composite fan blades: p0139 A79-15009

Analysis of high velocity impact on hybrid composite fan blades: "[NASA-CR-3056]"
p0287 N79-17812

Analysis of aircraft structure using applied fracture mechanics: p0372 N79-20396

Correlation of predicted and measured thermal stresses on an advanced aircraft structure with similar materials: "[NASA-TM-72862]"
p0376 N79-20989

An evaluation of certain selected modifications to the national airspace system bimodal tracking algorithm: (AD-807288)
p0720 N79-33376

Considerations in local administration of airports in Canada: p0343 A79-30941


International Air Transportation Competition Act of 1978 --- congressional reports: (SP-30-912)
p0651 N79-30168

Parabolized Navier-Stokes solutions for hypersonic viscous flows over blunt cones at large angles of attack: p0335 A79-29806

Numerical solution of a body-propeller combination flow including swirl and comparisons with data: p0338 N79-30476

Numerical aerodynamic simulation facility --- for flows about three-dimensional configurations: p0309 N90-10905

Prospects for computing airfoil aerodynamics with Reynolds averaged Navier-Stokes codes: p0356 N79-20038

Numerical solution of the Navier-Stokes equations for arbitrary two-dimensional multi-element airfoils: p0356 N79-20041

Visualization and calculations of air intakes at high angles of attack and low Reynolds number --- Navier-Stokes equation: p0415 N79-22030

A system for providing an integrated display of instantaneous information relative to aircraft attitude, heading, altitude, and horizontal situation: [NASA-CASE-FRC-11005-1]
p0095 N79-24988

Experimental design study of an airborne interferometer for terrain avoidance: p0003 A79-10381


Loran-C as an international aid to navigation: p0054 A79-13243

New-generation Tacan equipment: p0057 A79-13269

Fail-safe output stage for navigation transmitters --- reliability design for TACAN equipment: p0057 A79-13271

The AN/ARN-132 Navstar navigator: p0058 A79-13276

MILECS - An integrated navigation and air traffic control system for the future needs of international aviation: [DGLR PAPER 78-136]
p0662 A79-19006

DAS for TMA navigation --- DME Azimuth System for Terminal Maneuvering Area: [DGLR PAPER 78-137]
p0662 A79-19007

Application of a north seeking heading and attitude reference for the autonomous navigation of helicopters: p0668 A79-14668

Navigation planning - Need for a new direction --- unnecessary redundancies between current navigation systems: p0706 A79-16157

Aeronautical aspects of the DOT National Plan for Navigation: p0706 A79-16158

VOR - its past, present, and future: p0706 A79-16161

Direction finders in the service of safety for air and sea traffic: p0177 A79-17692

DEED-MC - The new ATC system in the FRG --- Display of Extracted Radar Data-Link Computer: p0204 A79-23589

Navstar/GPS /Global Positioning System/ and electronic counter measures --- TACAN system vulnerability: p0251 A79-25492

How to add satellite navigational accuracy and stability to existing offshore NAV Systems: p0277 A79-27388

GPS - A universal navigation aid: p0319 A79-29880

Hyperbolic positioning per se is passe --- navigation computations from range measurements using microprocessor: p0447 A79-36070

Loran C - Its future in the shadow of Navstar GPS: p0448 A79-36071

Theoretical fundamentals of radio altimetry --- Russian book: p0463 A79-38145

Theoretical principles of long range navigation systems: I: p0511 A79-41167

Advanced instrumentation and data evaluation techniques for flight tests --- of aircraft navigation systems: p0514 A79-41777

The DME-based Azimuth System /DAS/ as a commercial navigation aid: p0515 A79-81899
NAVIGATION INSTRUMENTS

- Radio direction finders
- Gyrocompasses
- Compasses

Loran-C - A potential civil aviation navigation system
Performance enhancements of GPS user equipment
Helicopter navigation goals
GPS receiver operation
Flight and navigation instruments for general aviation

NAVIGATION TECHNOLOGY SATELLITES

- NAVSTAR SATELLITES
- NAVIGATION TECHNOLOGY TENDENCIES
- NAVSTAR SATELLITES

Use of the Omega Navigation System in the North Atlantic in the framework of the Navigation System

Study of the structure of an integrated system of flight control, navigation and display
Tests of an integrated piloting, navigation, and display system

Linearization in the recursive estimation of navigation parameters
Aerospace applications of oscillators

Joint Tactical Information Distribution System
System configuration and design of the inertial aid
JTIDS Relative Navigation Function

Autonomous navigation system

NAVIGATION SATELLITES

- NAVIGATION SATELLITE TECHNOLOGY
- NAVSTAR SATELLITES

Influence and availability of maritime satellite navigation systems
Flight and navigation instruments for general aviation

NAVIGATION TECHNOLOGY SATELLITES

Recent results in navigation systems utilizing signal aiding

NAVSTAR SATELLITES

From Transit to Navstar - Development trends of satellite navigation
Design of a spread-spectrum navigation receiver
The AR/ARN-132 Navstar navigator

Principle of operation of Navstar and Navstar characteristics
Navigation planning - Seed for a new navigation system

Airlines long-range navigation assessment

Navstar/GPS /Global Positioning System/ and electronic counter measures

Loran C - Its future in the shadow of Navstar GPS
Recent results in navigation systems utilizing signal aiding from Navstar satellites
A survey of communications in the high noise environment of Army aircraft p0311 N79-19646
Some aspects of helicopter communications p0311 N79-19647
Integrated noise model — computerized simulation of commercial jet aircraft noise near airports p0428 N79-22851
Statistical comparisons of aircraft flyover noise adjustment procedures for different weather conditions [NASA-TP-1430] p0491 N79-24773
Noise generation by jet-engine exhaust deflection [DLR-FZ-70-21] p0654 N79-30192

NOISE MEASUREMENT
California airport monitor noise data p0074 A79-15559
An alternative to pseudo-tone microphones for airplane flyover noise testing p0114 A79-17609
Aeroacoustic characterization of free jets [OMER6, TP No. 1978-147] p0127 A79-18534
Helicopter flight-paint and acoustic-signal repeatability for noise-diagnosis and noise-certification p0134 A79-18686
Aircraft noise identification system by correlation technique p0138 A79-19362
Advances in aeroacoustic wind tunnel testing techniques for aircraft noise research p0155 A79-20114

Full-scale engine tests of bulk absorber acoustic inlet treatment [AIAA Paper 79-0600] p0267 A79-26881
Direct experimental verification of the theoretical model predicting rotor noise generation [AIAA Paper 79-0650] p0268 A79-26894
Airframe noise measurements on a small-scale model of a supersonic transport concept in an anechoic flow facility [AIAA Paper 79-0666] p0270 A79-26920
Reduction of rotor-turbulence interaction noise in static fan noise testing [AIAA Paper 79-0656] p0270 A79-26925
Internal noise-attenuation results from flyovers of three transport aircraft [AIAA Paper 79-0651] p0318 A79-28966
Airframe noise component interaction studies [AIAA Paper 79-0668] p0318 A79-28969
Light propeller aircraft noise [OMER6, TP No. 1979-76] p0409 A79-34980
Summary of noise reduction characteristics of typical general aviation material [SAY Paper 790627] p0458 A79-36755
A study of the evolution of noise exposure under different hypotheses of regulation [OMER6, TP No. 1979-44] p0473 A79-39093
Dilatational model of noise from a moving jet in terms of arbitrary jet structure and observer motion

The aerodynamics of advanced turbopropellers

The effective acoustic environment of helicopter crewmen

The effect of operations on the ground noise footprints associated with a large multibladed, nonbumping helicopter

A static acoustic signature system for the analysis of dynamic flight information

Measurements and predictions of flyover and static noise of a TF30 afterburning turbofan engine

Effects of inflow distortion profiles on fan tone noise calculated using a 3-D theory

Detection of the transitional layer between laminar and turbulent flow areas on a wing surface using an accelerometer to measure noise levels during wind tunnel tests

A commercial airport noise environment: Measurements, prediction and control

Airframe noise component interaction

Validation of aircraft noise prediction program

Effects of road traffic background noise on judgments of individual airplane noise

Engine-induced structural-borne noise in a general aviation aircraft

Aircraft monitor noise data

A method for assessing turbine engine run-up noise impact on airport neighbors

Pollution sources caused by aviation

Helicopter noise standards - Another point of view: A national approach to rotorcraft noise regulation

Aircraft noise identification system by correlation technique

Twin jet shielding --- for aircraft noise reduction

Problems of airports in the vicinity of foreign states

Traffic background level and signal correlation effects on aircraft noise judgment

Airport noise control and land use compatibility study

FAA proposes that the standard noise model be the integrated noise model /IMN/

A study of the evolution of noise exposure under different hypotheses of regulations

Impact of noise generated by supersonic transports on the environment

Community noise exposure resulting from aircraft operations. Volume 6: Acoustic Data on Navy aircraft

Aircraft/airport noise control

DDC's reasonable initial efforts to solve land use problems around airfields

Aircraft sonic boom: Effects on buildings. A bibliography with abstracts

Acoustic analysis of the propfan

ANEPIX validation study: Lockheed L-1011

Supersonic propeller noise in a uniform flow

A finite element subvolume technique for predicting structural-borne interior noise prediction --- in aircraft

Propagation of buzz-saw noise in a nonuniform medium --- contoured jet engine inlets

An airborne reference noise source for studying airplane flyover noise propagation and measurement

Characteristics of propeller noise on an aircraft fuselage related to interior noise transmission

The derivation of a thickness noise formula for the far-field by Isom --- applied to helicopter rotors

Propeller aircraft noise around general aviation airports

An experimental study of propeller-induced structural vibration and interior noise

Studies of the acoustic transmission characteristics of coaxial nozzles with inverted velocity profiles: Comprehensive data report --- nozzle transfer functions

Acoustic efficiency of boundary-layer transition

Status of knowledge of sonic booms

Studies of the acoustic transmission characteristics of coaxial nozzles with inverted velocity profiles: Comprehensive data report --- nozzle transfer functions

Noise propagation

Noise reduction
NOISE REDUCTION COST

Some effects of applying sonic boom minimization to supersonic cruise aircraft design [AIAA PAPER 79-0658].

Experiments concerning the anomalous behavior of near-engine engine noise in flight [AIAA PAPER 79-0652].

Effects of simulated forward flight on jet noise, shock noise and internal noise [AIAA PAPER 79-0658].

Master Plan for prediction of vehicle interior noise [AIAA PAPER 79-0651].

Inside noise of C-1 cargo aircraft and the noise reduction performance by interior materials [AIAA PAPER 79-0650].

Advanced supersonic technology and its implications for the future [AIAA PAPER 79-0660].

Structural stiffening of transmission housing with metal matrix materials [AIAA PAPER 79-0660].

Reduction of cabin noise during cruise conditions by stringer and frame damping [AIAA PAPER 79-0661].

The influence of propeller design parameters on far field harmonic noise in forward flight [AIAA PAPER 79-0669].

Flight effects on subsonic jet noise [AIAA PAPER 79-0661].

Analysis of flight effects on noise radiation from dual-flow coaxial jets [AIAA PAPER 79-0667].

Experimental study of coaxial nozzle exhaust noise [AIAA PAPER 79-0668].

A exhaust noise prediction procedure for inverted velocity profile coaxial nozzles [AIAA PAPER 79-0667].

Asymmetric stator interaction noise [AIAA PAPER 79-0668].

Lateral noise attenuation results from flyovers of three transport aircraft [AIAA PAPER 79-0669].

Airframe noise component interaction studies [AIAA PAPER 79-0668].

Investigation of wing shielding effects on CTOL engine noise [AIAA PAPER 79-0669].

Twin jet noise shielding for a supersonic cruise vehicle [AIAA PAPER 79-0670].

A thermodynamic investigation of the mixer for noise reduction based on the work availability function 'ergy' --- bypass jet engine gas turbine [AIAA PAPER 79-0717].

Requirements and design decision outline - Total program [AIAA PAPER 79-0670].

Acoustics and performance of high-speed, unequally spaced fan rotors [AIAA PAPER 79-0664].

A review of tail rotor design and performance [AIAA PAPER 79-0664].

Quieter short and medium haul aircraft [NASA-TP-1325].

A comparison of costs associated with local actions to reduce aircraft noise impacts [NASA-TP-1325].

Design of quiet efficient propellers [NASA-TP-1325].

The impact of noise regulations on propulsion design [NASA-TP-1325].

Propeller aircraft noise around general aviation airports [NASA-TP-1325].

Engine induced structural-borne noise in a general aviation aircraft [NASA-TP-1325].

Summary of noise reduction characteristics of typical general aviation materials [NASA-TP-1325].

Designing with damping materials to reduce noise and structural fatigue --- of aircraft components [NASA-TP-1325].

A study of the evolution of noise exposure under different hypotheses of regulation [NASA-TP-1325].

General Electric Company variable cycle engine technology demonstrator program [NASA-TP-1325].

Design and performance of the propulsion system for the quiet short-haul research aircraft /OSPA/ [NASA-TP-1325].

Sound absorption through flow separation - A new possibility for acoustic attenuation of engines [NASA-TP-1325].

Homing impulsive noise - Some measured and calculated results --- from helicopter rotors in an anechoic chamber [NASA-TP-1325].

An experimental study of high frequency noise from model rotors - Prediction and reduction [NASA-TP-1325].

Helicopter noise rules - Are they appropriate and reasonable [NASA-TP-1325].

Supersonic transport aircraft noise, problems of noise reduction and establishment of standards [NASA-TP-1325].

Impact of noise generated by supersonic transports on the environment [NASA-TP-1325].

Composites for noise reduction --- helicopter structures [NASA-TP-1325].

Internal mixer investigation for JT8D engine jet noise reduction. Volume 1: Results [NASA-TP-1325].


An active noise reduction system for aircrew helmets [NASA-TP-1325].

Design of helicopter rotors to noise constraints [NASA-TP-1325].

The cost of applying current helicopter external noise reduction methods while maintaining realistic vehicle performance [NASA-TP-1325].

Helicopter internal noise control: Three case histories [NASA-TP-1325].

An analytical method for designing low noise helicopter transmissions [NASA-TP-1325].

Helicopter internal noise reduction research and development application to the SA 360 and SA 365 Dauphin [NASA-TP-1325].

Trends in Langley helicopter noise research [NASA-TP-1325].

Research on helicopter rotor noise [NASA-TP-1325].

Initial results of a porous plug nozzle for supersonic jet noise suppression [NASA-TP-1325].

A theoretical investigation of noise reduction through the cylindrical fuselage of a twin-engine, propeller-driven aircraft [NASA-TP-1325].

Evaluation of two inflow control devices for flight simulation of fan noise using a JT15D engine [NASA-TP-1325].

Full-scale engine tests of bulk absorber acoustic inlet treatments [NASA-TP-1325].

A commercial airport noise environment: Measurement, prediction and control [NASA-TP-1325].

Wind tunnel performance of four energy efficient propellers designed for Mach 0.8 cruise --- Lewis 0x6 foot wind tunnel studies for noise reduction in high speed turboprop aircraft [NASA-TP-1325].

Investigation of wing shielding effects on CTOL engine noise [NASA-TP-1325].

Noise and performance calibration study of a Mach 2.2 supersonic cruise aircraft [NASA-TP-1325].

Jet noise: A status report --- jet mixing and shock noise studies [NASA-TP-1325].
NONLINEAR SYSTEMS

NONLINEAR PROGRAMMING

NONLINEAR EQUATIONS

NONFLAMMABLE

IONEQUILIBRIUI FLOE

NONEQUILIBRIUI

Conference on Fire Resistant Materials: A
Develop the application of a digital memory
Nondestructive evaluation of fiber reinforced
Optimal thermogasdynamic design of gas turbine
time response Optimization -- A
Optimal designing of gas-turbine engine
Nonlinear oscillations at high incidence
Release-rate calorimetry of multilayered materials
Fire resistant aircraft seat program
A review of Boeing interior materials and fire
FIREMEN program
Release-rate calorimetry of multilayered materials
Nonlinear unsteady potential flow calculations for
Most rational linearization of nonlinear unsteady
Nonlinear formulation of the aerodynamic forces
Nonlinear oscillations at high incidence
Nonlinear equations of equilibriums for elastic
Nonlinear problems in transonic helicopter
Some nonlinear problems in transonic helicopter
Nonlinear feedback: A nonlinear approach to the design of jet engine
Nonlinear programming
Optimal designing of gas-turbine engine
Control system time response optimization -- A

NONLINEAR SYSTEMS

Time-frequency method of solving large problems in
Calculation of the non linear aerodynamic
coefficients of wings of various shapes and their wakes, including canard configurations
Vibration and flutter investigations of aircraft with special nonlinear structural properties
Opportunities for supersonic performance gains through non-linear aerodynamics
Application of bifurcation analysis and catastrophe theory methodology /BACTS/ to aircraft stability problems at high angles-of-attack
A nonlinear trajectory command generator for a digital flight-control system
Determining the nonlinearities of dynamic stability
Theoretical estimation of nonlinear longitudinal characteristic of wings with small and moderate aspect ratio by the vortex-lattice method in incompressible flow
Nonlinear interaction between mean and unsteady flowfields near Mach 1.
Nonlinear statically unstable fighter-type aircraft

NONLINEARITY

NONSTATIONARY OSCILLATION

The transonic oscillating flap
Axial compressor operation with radially nonsimilar inflow
Unsteady small-gap ground effects
An actuator disk analysis of an isolated rotor with distorted inflow

NONVISCOS FLOW

U TURBULENT FLOW

BOMB AIRCRAFT

BONE D 262 AIRCRAFT

NORMAL FORCE DISTRIBUTION

BONE AIRCRAFT

BONE-262 AIRCRAFT

BONE CAPS

BONE CAPS

BONE CONES

BONE CONES

Vortex system at the nose part of a fuselage model at supercritical angles of attack and different Reynolds numbers

Theoretical and experimental investigation of the aerodynamic characteristics of three-dimensional
Velocity slip and temperature difference of gas mixtures in quasi-one-dimensional nozzle flows p050 A79-36263
Profiling of two-dimensional and three-dimensional nozzles and calculation of their flows p063 A79-38168
Progress on Variable Cycle Engines [AIAA PAPER 79-1312] p051 A79-40759
Twisting of the blades of an axial turbine stage during tangential inclination of the nozzle blades p027 A79-42569
Experimental study of the gasdynamic characteristics of a stator cascade with cooling air discharge through the vane surface p063 A79-48899
Effect of nozzle spacing on ground interference for subsonic V/STOL aircraft [AIAA PAPER 79-1856] p063 A79-49339

NOZZLE GEOMETRY
Investigation of an ejector thrust-augmentor with a perforated nozzle for the ejected gas p002 A79-12196
Performance characteristics of nonaxially symmetric nozzles installed on the F-10 aircraft [AIAA PAPER 79-0101] p020 A79-23532
Experimental study of coaxial nozzle exhaust noise p037 A79-28693
Profile of a nozzle shaping the free-molecule flow intended to investigate air-intakes and cascades p049 A79-36122
A parametric study of support system interference effects on nozzle/aftbody/throttle dependent drag in wind tunnel testing [AIAA PAPER 79-1168] p047 A79-38968
Assessment at full scale of nozzle/wing geometry effects on OTH aeroacoustic characteristics --- Over The Wing STOL aircraft engine configurations p045 A79-39802
Effects of Reynolds number and other parameters on the throttle-dependent, nozzle/aftbody drag of an 0.11 scale single-engine aircraft model [AIAA PAPER 79-1167] p050 A79-40681
Performance characteristics of a wedge nozzle installed on an F-16 propulsion wind tunnel model [AIAA PAPER 79-1176] p051 A79-41776
An approximate method for calculating a laminar boundary layer in micronozzles p052 A79-42559
The nonaxisymmetric nozzle - It is for real --- fighter aircraft performance viewpoints [AIAA PAPER 78-1810] p057 A79-47693
Effects of geometric and flow-field variables on inverted-velocity-profile coaxial jet noise --- nozzle geometry [NASA TM-79095] p037 A79-20830
Theoretical fan velocity distortions due to inlets and nozzles --- in V/STOL aircraft [NASA TM-79150] p041 A79-22911
Assessment at full scale of nozzle/wing geometry effects on OTH aeroacoustic characteristics --- short takeoff aircraft noise [NASA TM-79168] p050 A79-25841
CF6 jet engine performance improvement program. Short core exhaust nozzle performance improvement concept --- specific fuel consumption reduction [NASA CR-1556a] p071 A79-33206

NOZZLE INSERTS
Computerized heat-transfer and stress analysis of wind tunnel metal throat liners [AD A062318] p036 A79-20143

NOZZLE THROST COEFFICIENTS
Characteristics of laval nozzles with gasdynamic regulation p040 A79-34650

NOZZLES
Aerodynamic characteristics of a large-scale semispan model with a swept wing and an augmented jet flap with hypermizing nozzles --- AIAA PAPER 79-0784] p022 A79-29028
Numerical methods in laminar and turbulent flow;
Numerical analysis of flow through turbine
Numerical solution of a body-propeller combination
An analytical method of evaluating the effect of
A careful numerical study of flowfields about
Numerical methods for solution of
Numerical representation of aircraft geometry
Numerical calculation of transonic flow past a
A numerical solution of supersonic and hypersonic
Airfoil design by numerical optimization using a
Some recent progress in transonic flow computation
Flow modeling and aerodynamic design techniques
Application of numerical optimization to the
Direct numerical solution of the transonic
Unsteady viscous thin airfoil theory
A comparison of panel methods for subsonic flow

Worst case time-histories causing largest
deviations from a desired flight path: An
analytical approach
Direct numerical solution of the transonic
Airfoil design by numerical optimization using a
Presentation of stability derivatives in missile
aerodynamics and theoretical methods for their
A numerical prediction of typical articulated
rotor impedance
Industrial centrifugal compressors, volume 1
Flow modelling and aerodynamic design techniques for
centrifugal compressors for
centrifugal compressors
Numerical solution of the Navier-Stokes equations for
arbitrary two-dimensional multi-element
airfoils
Application of numerical optimization to the
design of advanced supercritical airfoils
Application of the MTC sub 1 sub max prediction
method to a number of airfoils
Computation of turbulent near wake for asymmetric
airfoils
Unsteady viscous thin airfoil theory
A comparison of panel methods for subsonic flow

Analysis and calculations of lighting
interactions with aircraft electrical circuits
Viscous-inviscid flow matching: Numerical method
and applications to two-dimensional, transonic
and supersonic flows
A numerical solution of supersonic and hypersonic
viscous flows fields around thin planar delta wings
Finite element methods for inviscid and viscous
flow problems
The panel method for subsonic aerodynamic flow: A
survey of mathematical formulations and
numerical models with an outline of the new
British aerospace scheme
The computation of vortex flows by panel methods
The prediction of compressor blade row
performance: Numerical methods and theoretical
approaches
Implementation and testing of numerical analysis
techniques in avionics applications
Aerodynamic analysis of the propfan
 Numerical flow visualization
Design of the TF system in relation to experience
with the CTV-P104 program and functional
redundancy --- digital flight control systems for
tactical fighter aircraft
Microprocessor control of aircraft DNE
Flight test control by means of a microprocessor.
Laser balancing demonstration on a high-speed
flexible rotor
Practical 'on-engine' microprocessor control and
monitoring systems for gas turbines
SC equipment spurs blisk manufacture - Full-scale
production started --- Numerical Control for
integrated helicopter compressor blade and disk
manufacture
Digital flight control research using
microprocessor technology
Application of digital controls on the quiet clean
short haul experimental engines
Multivariable control attitude demonstration on the
P100 turbofan engine
Flight test of a V22 digital autoland system
along complex trajectories
Computer Monitor and Control - A flexible,
cost-effective implementation
Microcomputer control of a test facility --- for
avionics
Role of Numerical Control Design in the computer
aided design/manufacturing interface at Sikorsky
Optic fibers use in the P-3C aircraft: A fiber
optic interconnect system for computer
controlled alphanumeric displays in a P-3C
aircraft
A computer-controlled avionics-data acquisition
system
Graphical UC systems as a basis for progress
towards the integration of design, planning and
machining
Multifunction keyboard implementation study
Numerical flow visualization
Numerical solution of the direct problem of ideal
gas flow in three-dimensional turbine cascades
An efficient user-oriented method for calculating compressible flow about three-dimensional inlets

Computational aerodynamics development and outlook

Numerical study of unsteady flows of viscous incompressible fluids about airfoils by a combined method of order O(h²) and O(h⁴)

Nonlinear mathematical simulation of unsteady flow past a helicopter rotor

A two-dimensional unsteady R—Uecker—equation solver for flow regions with arbitrary boundaries

Vector processor algorithms for transonic flow calculations

Progress in transonic flow computations and design methods for three-dimensional flows

Numerical calculation of inviscid transonic flow through rotors and fans

Numerical solution of a linear integral equation of the first kind in the inverse problem of symmetrical flow past a wing

Application of the method of alternating directions to the numerical analysis of the thermal states of a bladed turbine disk

The calculation of two-dimensional compressible potential flow in cascades using finite area techniques

Use of the method of variable directions for numerical study of the thermal states of a turbine disk with blades

Overset results for the 7.3-n/24-ft/ diameter hybrid Kevlar—nylon ribbon parachute

Design and development of the 28-foot diameter hybrid Kevlar—nylon ribbon parachute

Lift and drag of sail aerofoil

OBLIQUE SHOCK WAVES

A shock capturing application of the finite element method --- to viscous compressible flow problem

OBLIQUE WINGS

Lifting-line theory of oblique wings

Lifting-line theory of oblique wings in transonic flows

Theory of oblique wings of high aspect ratio

Measurements in a large angle oblique jet impingement flow

The oblique wing as a lifting-line problem in transonic flow

OBSERVATION

EARTH OBSERVATIONS (PBS/Czech SPACE)

SATLLITE OBSERVATION

OBSERVATION AIRCRAFT

T-2 AIRCRAFT

T-5 AIRCRAFT

G-91 AIRCRAFT

T-100 3 AIRCRAFT

T-2 AIRCRAFT

Development of casualty evacuation kit for the light observation helicopter (LW)

Wind estimates from cloud motions: Result of an in situ aircraft verification experiment

Wind estimates from cloud motions: Result of an in situ aircraft verification experiment

Commercial aircraft derived high resolution wind and temperature data from the tropics for PGGE: Implications for NASA

OBLIQUES

U-BARRIERS

OBSERVING

OCEAN DATA ACQUISITIONS SYSTEMS

U.S. Coast Guard utilization of remote sensing techniques for ocean surveillance

OCEAN DATA PLATFORMS

U OCEAN DATA ACQUISITIONS SYSTEMS

OCEAN DATA STATIONS

U OCEAN DATA ACQUISITIONS SYSTEMS

OCEANOGRAPHY

The potential role of airships for oceanography

OCEANS

U OCEAN DATA ACQUISITIONS SYSTEMS

OFFSHORE PLATFORMS

An offshore airport that works: Nagasaki

Advanced application of the RADGE approach aid offshore

Flight investigation of helicopter IPS approaches to oil rigs using airborne weather and mapping radar

Reliability analysis for optimum design --- applied to offshore drilling and aircraft structures

OIL WINGS

U VARIABLE SWEEP WINGS

OILS

Computation of supersonic viscous flows over ogive-cylinders at angle of attack

The thermal oxidation stability of R-3V lubricant

Reliability analysis for optimum design --- applied to offshore drilling and aircraft structures

OIL ADDITIVES

The thermal oxidation stability of B-3V lubricant --- for aviation

OIL RECOVERY

Reclamation of synthetic turbine engine oil mixtures

GAS TURBINE OILS

LUBRICATING OILS

SHALE OIL

OIL squeeze film dampers for reducing vibration of aircraft gas turbine engines

Sealing of aero engine bearing compartments

OMEGA NAVIGATION SYSTEM

The Omega navigation system - An overview

Implementation of the Omega system for air navigation

Automated NTS/FLY monitoring and forecasting for air traffic safety enhancement - A progress report

Can low-cost VOR and Omega receivers suffice for BNAV - A new computer-based navigation technique
SUBJECT INDEX

Use of the Omega Navigation System in the North Atlantic in the framework of the Navigation Minus I performance specifications

Omega - Global navigation by VLF fix

Internationalization of Omega

The MX 1105, an integrated Transit/Omega navigational system

The distribution pattern of Omega observations

Omega navigation system --- signal processing methods

Operational experience with the AN/ARN-121 Omega Navigation Set

Testing the feasibility of Differential Omega for airborne use

Evaluation of a commercial Omega navigation system installed in the C-118 aircraft

Omega and VLF aircraft installations [ERA-RAD-NAV-66]

Factors affecting Omega accuracy [SORE-71]

Environmental effects on VLF navigation systems, Omega

Omega possibilities: Limitations, options, and opportunities

Pacific area evaluation of a commercial Omega navigation system installed in a VC-118 aircraft, supplement 1

OMNIDIRECTIONAL ANTENNAS

ONWARD COMPUTERS

ONBOARD EQUIPMENT

ONBOARD EQUIPMENT

ONBOARD EQUIPMENT

OMNIDIRECTIONAL RADIO RANGES

OMNI-DIRECTIONAL ANTENNAS

OMNIDIRECTIONAL NAVIGRATION

ON-LINE PROGRAMMING

ON-LINE PROGRAMMING

ONBOARD COMPUTERS

ONBOARD EQUIPMENT

ONBOARD EQUIPMENT

ONBOARD EQUIPMENT

ONBOARD EQUIPMENT

ONBOARD EQUIPMENT

ONBOARD EQUIPMENT

ONBOARD EQUIPMENT

ONBOARD EQUIPMENT

ONBOARD EQUIPMENT

ONBOARD EQUIPMENT

ONBOARD EQUIPMENT

ONBOARD EQUIPMENT

ONBOARD EQUIPMENT

ONBOARD EQUIPMENT

ONBOARD EQUIPMENT
OPTICAL COUNTERMEASURES

Subject Index

Air Force Space Laser Communications
Fly-by-light
Aircraft fiber-optic interconnect system project
Optical fiber communications

OPTICAL DATA PROCESSING

NT SCENE ANALYSIS
Coherent optical processing for missile guidance

OPTICAL PROPERTIES

NT OPTICAL COMMUNICATION

OPTICAL SENSORS

NT OPTICAL TRACKING

OPTICAL SPECTRUM

NT OPTICAL MEASURING INSTRUMENTS

OPTICAL SIGNALS

NT OPTICAL COMMUNICATION

OPTICAL TRACKING

General principles of automatic video trackers. II - Area, trackers
NT TIME OPTICAL CONTROL

Qualitative analysis of the effect of jet aircraft acoustic characteristics on the optimal take-off program
Desensitizing constant gain feedback linear regulators
Optical operating techniques of two-state hypersonic gun tunnel
Considerations on optical self-alignment of gyrostatized platforms
Optical measurement of helicopter longitudinal motion using an operational algorithm
An information matrix approach for aircraft parameter-insensitive control -- for C-5A wing loading alleviation
Optical control of turbine engines
Information distribution in distributed microprocessor based flight control systems
A nonlinear approach to the design of jet engine control systems
Optical control of turbine engines
Control system time response optimization -- A nonlinear programming approach -- for aircraft flight
Air fleet and facility planning via optimal control models
Linearization in the recursive estimation of navigation parameters
Optimal landing-approach distance for a sailplane
VTOL aircraft optimal state-space tracking control
Radio-engineering tracking systems

Extremal radio-navigation -- Russian book

Singular perturbation techniques for on-line optical flight path control
Numerical computation of optimal evasive maneuvers for a realistically modeled airplane pursued by a missile with proportional guidance
Application of two synthesis methods for active flutter suppression on an aeroelastic wind tunnel

level tactical operations
Heterodyning CO2 laser radar for airborne applications

OPTICAL RANGE FINDERS

NT LASER RANGE FINDERS

Determining the contour of helicopter rotor blades automatically using electro-optical techniques

OPTICAL SCANNERS

NT MULTISPECTRAL BAND SCANNERS

OPTICAL SENSORS

U OPTICAL MEASURING INSTRUMENTS

U OPTICAL COMMUNICATION

U OPTICAL SPECTRUM

U LIGHT (VISIBLE RADIATION)

U OPTICAL COMMUNICATION

U OPTICAL SPECTRUM

U LIGHT (VISIBLE RADIATION)
OPTIMUM CONTROL

Preliminary study of optimum ductburning turbofan engine cycle design parameters for supersonic cruising [NASA-TM-79047]

Analysis of a theoretically optimized transonic airfoil [NASA-CR-3065]

Airfoil design by numerical optimization using a minicomputer [NASA-TP-78502]

Weight optimization with flutter constraints [ARC-78-3821]

Ejector optimization [AD-4061251]

Turbocharger design and development --- technology assessment and design optimization [p0309 N79-19393]

Optimization of multi-element airfoils for maximum lift [p0357 N79-20046]

Application of numerical optimization to the design of advanced supercritical wings [p0357 N79-20049]

Closed Brayton cycle system optimization for undersea, terrestrial, and space applications [p0422 N79-29296]

Adaptation for the economy or adaptation for energy conservation --- passenger aircraft design [AAAF-NT-77-23]

Minimization theory of induced drag subject to constraint conditions [NASA-NS-3160]

Substructuring methods for design sensitivity analysis and structural optimization [AD-1065935]

Leading-edge slat optimization for maximum airfoil lift [NASA-TP-78566]

Extension of running time in the RAE hypersonic shock tunnel [OUL-2160/78]

Pump design [p0556 N79-27191]

Multi-element airfoil design by optimization [p0703 N79-32181]

OPTIMUM CONTROL
U OPTIMAL CONTROL

ORBIT CALCULATION
Kalman filtering and smoothing in Potonap for orbit determination using GPS measurements [AD-4064613]

ORBITS
MT ATOMIC ORBITS

ORDNANCE
Quantification of the storage logistics thermal environment --- environmental criteria for ordnance [p0419 N79-22071]

A computer model for determining weapon release parameters for a helicopter in non-accelerated flight [AD-4062155]

ORGANIC COMPOUNDS
Thermodynamics of organic compounds [AD-4065664]

ORGANIZATIONS
MT NORTH ATLANTIC TREATY ORGANIZATION (NATO)
The FAA's airport landside model: Analytical approach to delay analysis [AD-1051145]

ORIGFION FLOW
Determination of cooling air mass flow for a horizontally-opposed aircraft engine installation [SAE PAPER 790069]

ORION AIRCRAFT
U-2 AIRCRAFT

ORTHOPOLAR AIRCRAFT
U-2 RESEARCH AIRCRAFT

ORTHOGONAL FUNCTIONS
Optimizing linear flight vehicle stabilization systems with orthogonal filters [p0069 N79-14671]

ORTHOTROPIC PLATES
Some observations on the local instability of orthotropic structural sections [p000 N79-33861]

A finite element model to study the buckling behavior of general orthotropic, midplane symmetric, elastic plates [NASA-CR-159906]

OSCILLATIONS
MT HARMONIC OSCILLATION
MT NONSTATIONARY OSCILLATION
MT PRESSURE OSCILLATIONS
MT SELF OSCILLATION
MT STABLE OSCILLATION
MT TRANSIENT OSCILLATION
MT TRANSVERSE OSCILLATION
MT WING OSCILLATIONS

Free oscillations of a large drop in space [AIAA PAPER 79-0225]

Wing rock due to aerodynamic hysteresis [p0233 N79-23676]

Improved sonic-boom computer program for calculating transonic aerodynamic loads on oscillating wings with thickness [NASA-CR-159906]

p0043 N79-10998

SUBJECT INDEX
PAPERS

Development of lightweight, fire-retardant, low smoke, high strength, thermally stable aircraft floor paneling p0087 A79-12033
The use of panel methods with a view to problems in aircraft dynamics [NASA-CR-3159] p0216 A79-15916
Design and fabrication of a skin stringer discrete tube actively cooled structural panel p0306 A79-21430
Design and analysis of a plate-fin sandwich actively cooled structural panel p0306 A79-21431
Flaxless brazing and heat treatment of a plate-fin sandwich actively cooled panel p0306 A79-21432
Design and fabrication of a radiatively actively cooled honeycomb sandwich panel p0307 A79-21433
Radiative, actively cooled panel tests results p0307 A79-21434
Tests of beaded and tubular structural panels p0307 A79-21436
NOVA-2S, a stiffened panel extension of the NOVA-2 computer program [AD-A065093] p0488 A79-23951
Advanced welding process establishment for aluminum [AD-A071016] p0721 A79-33480

PAPERS
Contributions to fluid mechanics p0676 A79-31524

PARACHUTE DESCENT
Detached flow about an opening canopy p0015 A79-11006
Parachute canopy opening dynamics p0015 A79-11008
Free periodic oscillations of a parachute system in the longitudinal plane p0029 A79-12971
Paracane ejection seat --- evaluated and compared to present parachute system p0066 A79-14420
Parachute partial inversions p0066 A79-14424
Simulation studies of the flight dynamics of gliding parachute systems [AIAA 79-0417] p0262 A79-26288
Recovery systems preliminary design -- an simplified approach to determining drogue chute staging, timing, and altitude requirements [AIAA 79-0466] p0263 A79-26650
A simple physical model of a descending parachute [AIAA 79-0467] p0263 A79-26651
Flight simulation of a vehicle with a two-stage parachute system [AIAA 79-0468] p0263 A79-26652
Parachute inflation control using an attached apex drogue [AIAA 79-0469] p0263 A79-26653
A first-order theory for the effects of line ties on parachute deployment [AIAA 79-0450] p0263 A79-26654
Parachute partial inversions [AIAA 79-0451] p0264 A79-26655
Longitudinal oscillation damping for fully-inflated parachute canopies [AIAA 79-0459] p0264 A79-26662
The validity of the Leicester computer model for a parachute with fully-deployed canopy [AIAA 79-0460] p0264 A79-26663
Hardware options for gliding airdrop guidance systems [AIAA 79-0471] p0264 A79-26665
Parachute-rocket deceleration system design p0696 A79-54057
Bailout from autorotating helicopters p0313 A79-19666

PARACHUTE VARIATIONS
Overtest results for the 7.3 m/24 ft/ diameter hybrid Kevlar-29/nylon parachute p0191 A79-21524
Design criteria for and development of Kevlar ribbon parachutes [AIAA 79-0530] p0262 A79-26638
Development and initial test results of parachutes with automatic inflation modulation [AIAA 79-0467] p0265 A79-26673
Development of hermetically sealed low-maintenance high-density packaging for ejection seat-mounted personnel parachutes p0402 A79-33616
On the status of experimental stress analysis of parachute canopies p0404 A79-33646

PARACHUTES

W DRAG CHUTES
W RECOVERY PARACHUTES
W RIBBON PARACHUTES
An air launched test vehicle for ejection seat parachutes p0667 A79-14430
Aerodynamic Decelerator and Balloon Technology Conference, 6th, Houston, Tex, March 5-7, 1979, Technical Papers p0269 A79-26626
Fabrication and quality assurance procedure to assure a symmetrical lifting parachute [AIAA 79-0427] p0262 A79-26636
A new life saving application for the parachute [AIAA 79-0466] p0264 A79-26659
Factors and tradeoffs affecting ram-air parachutes designed for civilian personnel applications [AIAA 79-0457] p0264 A79-26660
Commercial parachutes --- from safety standpoint p0264 A79-26661
Development and initial test results of parachutes with automatic inflation modulation [AIAA 79-0458] p0264 A79-26661
Basis for an objective evaluation of the paratroop jumping reliability p0402 A79-33618
Milestones in the history of parachute development p0402 A79-33620
Effects of a spin chute installation on spin characteristics --- of light general aviation aircraft [S E PAPER 790564] p0452 A79-36705
Experimental measurement of parachute canopy stress during inflation [AD-A058474] p0099 A79-13011

PARACHUTING
U PARACHUTE DESCENT
PARACHUTERS
W FLEXIBLE WINGS
Aerodynamic and performance of a gliding parachute with landing brakes p0066 A79-14423
Hardware options for gliding airdrop guidance systems [AIAA 79-0471] p0264 A79-26671
PARALLEL COMPUTERS
Parallel procedures for aircraft parameter identification and state estimation [AIAA 79-1636] p0567 A79-45316
PARALLEL FLOW
W PIPE FLOW
W THREE DIMENSIONAL FLOW
Experimental investigation of noise reduction from two parallel-flow jets [AIAA Paper 77-1299] p0059 A79-13978
The development and structure of turbulent plane jets p0137 A79-18837
Jet discharge coefficient through openings for parallel flow [AIAA 79-7050] p0331 A79-29418
PARALLEL PLATES
Notion of rectangular wing between parallel walls p0856 A79-54048
PARALLEL PROCESSING (COMPUTERS)
Simulation of distributed microprocessor-based flight control systems p0509 A79-04664
The impact of parallel computers on the design of nonlinear flight controllers [AIAA 79-1980] p0696 A79-54414
PARAMETERIZATION

PARALLEL STRIP LINES
U MICROSTRIP TRANSMISSION LINES

PARAMETERS

Choice of the main parameters in the design of aircraft engines p0026 A79-12528
Modeling parameter influences in gas turbine combustor design [AIAA PAPER 79-0354] p0146 A79-19685
AFTPC parameter identification experience -- for aircraft flight characteristics [AIAA PAPER 79-1803] p0606 A79-47880
Identification of the stability parameters of an aeroelastic airplane p0177 A79-15077

Life cycle cost analysis concepts and procedures p0502 A79-25408

PARAMETERIZATION

PARAMETERS

U INDEPENDENT VARIABLES

PARTICLE BEAMS
U ELECTRON BEAMS

PARTICLE DIFFUSION

Thermophoresis - Enhanced deposition rates in combustion turbine blade passages [AIAA PAPER 78-WA/DT-1] p0149 A79-19790

PARTICLE INTERACTIONS

Observation of atmospheric interactions at aeroplane altitude -- gamma ray emulsion experiments p0617 A79-37573

PARTICLE SIZE DISTRIBUTION

Wear particle analysis of grease samples [AD-A069141] p0597 A79-29344

PARTICLE TRAJECTORIES

Particle trajectories near an airfoil with a filleted leading edge p0535 A79-43758
Particle trajectories in turbine cascades p0355 A79-43759

PARTICLES

U DROPS (LIQUIDS)
U ELECTRON BEAMS
U POO
U LIGHT BEAMS
U METAL PARTICLES
U NUCLIONS
U PHOTONS
U POWDER (PARTICLES)
U POWDERED ALUMINUM
U Soot

Separation and investigation of wear particles from aero-engines [BLL-ESL-DY-78-3308-0(9091,977)] p0892 A79-17856

PARTICLE FILTERS
U FLUID FILTERS

PAPER

U COMPONENTS

PASSENGER AIRCRAFT

MT A-300 AIRCRAFT
MT DAC 111 AIRCRAFT
MT EDO-105 HELICOPTER
MT BOEING 707 AIRCRAFT
MT LOCKHEED 727 AIRCRAFT
MT BOEING 737 AIRCRAFT
MT BOEING 747 AIRCRAFT
MT CESSNA 172 AIRCRAFT
MT CH-47 HELICOPTER
MT CH-47 HELICOPTER
MT CH-54 HELICOPTER
MT CON AIRCRAFT
MT DC 8 AIRCRAFT
MT DC 10 AIRCRAFT
MT EUROPA AIRCRAFT
MT Y-27 AIRCRAFT
MT H-5 HELICOPTER
MT DH-120 AIRCRAFT
MT IL-62 AIRCRAFT
MT L-1011 AIRCRAFT
MT T-19 AIRCRAFT
MT VISCOUNT AIRCRAFT

Operational reliability of climate and pressure control equipment for passenger aircraft --- Russian book p0012 A79-10850
Aspects of short-takeoff aircraft --- optimization of aircraft, airports and flight regimes p0017 A79-11444
Passenger ride quality in transport aircraft p0025 A79-12396
Determination of the geometrical parameters and position of the nose flap at the root section of a swept wing on the basis of wind tunnel data. I p0028 A79-12953
Choice of a fuselage for a passenger aircraft p0028 A79-12968
A system for survival --- passenger aircraft escape systems utilizing pyrotechnics p0066 A79-14426
Computers on the airliner flight deck p0344 A79-31157
The cost situation in the material maintenance of civil aviation aircraft [AD-A79-0178] p0347 A79-31945
Britain's better airbus wing --- A-310 aircraft wing design p0408 A79-34823
Four jets for short-haul work Bae 146 p0808 A79-34922
A European view on gas turbine engine monitoring of present and future civil aircraft [AIAA PAPER 79-1200] p0469 A79-38982
Airplane passenger seat material development for airline fire safety p0530 A79-63271
Some possibilities for the navigation of small passenger aircraft p0534 A79-65308
Navigation at high latitudes p0534 A79-65314
Selection of geometric parameters and location of nose flap on swept wing root profile from tunnel test data. I p0601 A79-66999
Selecting the passenger airplane fuselage [AD-A069141] p0601 A79-87014
The aural relay system - an energy-efficient solution to the airport congestion problem --- using cruise liner aircraft for in-air passenger transfer [AIAA PAPER 79-1865] p0610 A79-47921
Design criteria for airline operation [AIAA PAPER 79-1849] p0634 A79-49337
Planability of cabin furnishing materials --- in airline interiors p0693 A79-53722
Adaptation for the economy or adaptation for future energy conservation --- passenger aircraft design [AAAF-NT-77-23] p0444 A79-23537
The airport performance model. Volume 1: Extensions, validations, and applications [AD-A062663] p0500 A79-25040
Advantages and problems of large subsonic aircraft p0579 A79-28120
Fire resistant aircraft seat neat program p0667 A79-31176

Designing airport terminals for transfer passengers p0128 A79-16573
Development of noise and vibration ride comfort criteria p0196 A79-22921
Goodyear aerospace conceptual design maritime patrol aircraft ZP3G [AD-A068449] p0590 A79-29150

PATTERN RECOGNITION

Estimation of aircraft target motion using pattern recognition
Pavements

Recognition orientation measurements
Preprocessing for advanced image matching techniques
Synthetic aperture radar map matching for navigation
Vortex pattern developing on the upper surface of a swept wing at high angle of attack
Applications of pattern recognition systems for day/night precision aircraft control
Relative pavement bearing strength requirements of aircraft
An overview of airport pavement design
Surface deformations as a runway design criterion
Airfield pavement evaluation, volume 4, a bibliography with abstracts
Literature reviews—elastic constants for airport pavement materials
 niet evaluation procedure for military airfields
Dynamic response of aircraft to unloaded and loaded pavement profiles
Characterizing expansive soils for airport pavement design
Research in airport pavements
Systems approach to life-cycle design of pavements, Volume 3: LIFE2 program listing
Evaluation of materials for post-attack pavement repair
Development of a structural design procedure for rigid airport pavements
Interfield procedure for bomb damage repair using crushed limestone for crater repairs and allsilka
trade name for spall repairs
Techniques for cathodic protection testing over airport pavements
An evaluation of asphalt-rubber mixtures for use in pavement systems
Recycling of asphalt concrete airfield pavement: A laboratory study

Payload Delivery (STD) MT RAPIDS DELIVERY

A parachute that goes up --- lift-devices for subsonic and transonic deliveries and recoveries
Airship potential in strategic airlift operations
Effect of flight loads on turbofan engine performance deterioration
Effect of light loading on turbofan engine performance deterioration
Unsteady aerodynamics of oscillating containers and application to the problem of dynamic stability of helicopter underslung loads
An RPV design study

PDE (modulation) U Pulse Duration Modulation

Feeding: Stress-peen straightening of complex machined aircraft parts

pendulous gyroscopes

Gyroscopic pendulums

Pendulums

Pendulum effect of injection angle on liquid injection in supersonic flow --- for increasing fuel jet

Performance Prediction

Perfect Gas

U Ideal Gas:

Performance Prediction

Not Predicted Analysis Techniques

A gas path performance diagnostic system to reduce J75-P-17 engine overhaul costs
A new stage stacking technique for axial-flow compressor performance prediction
Performance and design of transpiration-cooled turbine blading
Computations of three-dimensional gas-turbine combustion chamber flows
Research of the YF-1 turbofan engine
A performance measure for evaluating aircraft landing trajectories
Helicopter noise - State-of-the-art
Early identification of high-maintenance helicopters
Aircraft structural reliability prediction based on dynamic loads and ultimate strength test data
Theoretical prediction of dynamic stall on oscillating airfoils
Sea behaviour prediction of helicopters through free model tests
Prediction methods in aeroelasticity
Evaluation of a method to extract performance data from dynamic maneuvers for a jet transport aircraft
Improved wave drag predictions using modified linear theory
PCS reduction of installed aircraft antennas --- Radar Cross Section prediction
Prediction of gas-turbine alloy creep characteristics
A refined prediction method for supersonic unsteady aerodynamics with AIC partition scheme --- aerodynamic Influence Coefficient
Turbine performance analysis and engine to rig correlation
Performance estimation of partial admission turbines
Relationships for nozzle performance coefficients
Evaluation of GPS performance for low-cost civil aviation
Reliability, performance, and fault isolation considerations in the design of interconnected navigation systems
The design and selection of optimum propellers for general aviation aircraft
The analysis of propellers including interaction effects --- for general aviation aircraft
Evaluation of a flight simulator (device 2824) for maintaining instrument proficiency among instrument-rated army pilots. 
(AD-A0605577) p0181 N79-15102

Influence of motion wash-out filters on pilot tracking performance. 
(p0224 N79-15992

Summary report of the Human Factors Committee. 
(p0224 N79-17429

The optimal control frequency response problem in manual control of massed aircraft systems. 
(p0224 N79-17476

Two-segment approach investigation on a moving-base piloted flight simulator. 
(p0225 N79-17880

Visual pockets: A design parameter for helicopter instrument panels. 
(p0311 N79-19641

Flight investigation of piloting techniques and crosswind limitations using a research type crosswind landing gear. 
(p0340 N79-23012

Flight evaluation of an 2 integrated controller installed in an OH-58A helicopter. 
(p0348 N79-23103

OWENS's model of the pilot in discrete time. 
(p0660 N79-30242

Flight experience with advanced controls and displays during piloted curved decelerating approaches in a powered-lift STOL aircraft. 
(p0660 N79-30293

Style qualities criteria validation/pilot performance study: Flight test results. 
(p0668 N79-31193

A compilation and analysis of helicopter landing qualities data. Volume 2: Data analysis. 
(p0672 N79-31222

Simulation study of the operational characteristics of a two/three-dimensional multiwaypoint area navigation (FNAV) system --- pilot performance and flight technical errors. 
(pAD-A073204) N79-31363

The dynamics of a general aviation pilot promotion campaign. 
(p0466 N79-38886

Synthetic image generation for visual simulation in training simulators using the Tornado Visual simulator as an example. 
(AD-A065008) p0062 N79-14095

AEROSPACE SYSTEMS --- AIRCRAFT DESIGN AND MANEUVERING. 
(p0064 N79-14233

Computer generated images for aircraft use. 
(p0067 N79-14475

Visual simulation devices for flight simulators. 
(p0186 N79-20792

Russian book. 
(p0259 N79-26354

Airline approach to CAT III. 
(p0260 N79-26533

New technology 5618 simulator. 
(p0399 N79-33458

Aerodynamic data development for the turboprop T-44A Operational Flight Trainer. 
(p0567 N79-45317

Flight testing and simulator flight fidelity --- determination at Naval Air Test Center. 
(p0641 N79-50307

In-flight simulation with pilot-center of gravity offset and velocity mismatch. 
(p0644 N79-53946

Results of piloted simulator studies of fighter aircraft at high angles of attack. 
(p0179 N79-15993

Piloted Aircraft Environment Simulation Techniques. 
(p0222 N79-15973

Differences between simulation and real world at the IABG air to air combat simulator with a wide angle visual system. 
(p0225 N79-15997

Mixed air combat simulation: A tool for design development and evaluation for modern fighter weapons systems and training of aircraft. 
(p0225 N79-15998

Use of piloted simulation for studies of fighter departure/spin susceptibility. 
(p0225 N79-15999

Advanced Simulator for Pilot Training (ASPT): Aerial refueling visual simulation/first generation. 
(AD-A063283) p0426 N79-22118

Contributions of platforms motion to simulator training effectiveness. Study 5: Aerobatics. 
(p0488 N79-23985

F-15 flight simulator: Development and analysis of computer scoring algorithms. 
(AD-A067765) p0556 N79-27188

PILOTLESS AIRCRAFT. 

ST DRONE AIRCRAFT. 

ST FIREBEE 2 TARGET DRONE AIRCRAFT. 

ST JINDIVIK TARGET DRONE AIRCRAFT. 

ST TARGET DRONE AIRCRAFT. 

Tactical pilotless aircraft - do they really have a future. 
(p0344 N79-31236

Propulsion --- remotely piloted vehicles. 
(p0219 N79-15950

BPt electric power system study. Phase 2: Hot bench mockup development. 
(AD-A065008) p0429 N79-22110

PILOTS. 

Holographic lens for pilot's head up display. 
(p0102 N79-13043

PILOTS (PERSONNEL. 

ST AIRCRAFT PILOTS. 

ST TEST PILOTS. 

Air traffic control strategies for handling air traffic in the terminal area. 
(AD-VIRLER PAPER-79-09-012

Investigation concerning an airborne ATM/ 
for pilot/controller communication over a ground/board/ground data link. 
(AD-GLR PAPER-79-0501

PIPE FLOW. 

The effect of the aerodynamic resistance of the feeder line on the operation of safety valves. 
(p0185 N79-20760

The influence of geometric asymmetry on the flow downstream of a row of jets discharging normally into a free stream. 
(p0248 N79-25065

Heat generation in cavities at high velocity flights. 
(p0288 N79-17815

PIPELINES. 

Preventing fires in aviation fuel storage and transport systems. II. 
(p0536 N79-43734

Techniques for cathodic protection testing over airfield pavements. 
(AD-A060949) p0596 N79-29200

PIPER AIRCRAFT. 

Comparative analysis of PA-31-350 Cheiftain (CHALY) accident and NASA crash test data. 
(AD-A065008) p0713 N79-33172

PIPER (TEBES). 

Tests of beaded and tubular structural panels. 
(p0387 N79-21436

PISTON ENGINES. 

ST DIESSEL ENGINES. 

(p0024 N79-12377

Energy conservation in general aviation and operation and maintenance of Avco Lycoming piston engines. 
(p0024 N79-12381

Energy conservation in general aviation piston powered aircraft. 
(p0229 N79-12382

Concepts for reducing exhaust emissions and fuel consumption of the aircraft piston engine. 
(SAE PAPER 790605) p0456 N79-36737

Determination of cooling air mass flow for a horizontally-opposed aircraft engine installation. 
(SAE PAPER 790609) p0456 N79-36740

Effects of extended oil changes on aircraft piston engine wear and oil characteristics. 
(SAE PAPER 780629) p0458 N79-36756

What small turbine engine does the small helicopter need, or The road to hell is paved with good intentions --- fuel consumption, 
performance, environmental and engine reliability and acceptability considerations subordinating advanced turbine engine development for small helicopters.
PISTON THEORY

[AD-A066589] p0503 A79-25565

Critical assessment of emissions from aircraft
piston engines

[AD-A071002] p0654 A79-30190

Exhaust emissions characteristics for a general
aerodynamic light aircraft Teledyne Continental
Motors TSO-360-C piston engine

[AD-A070010] p0670 A79-31211

PISTON THEORY

Effect of friction on motion of a piston driven by
combustion products

p0411 A79-35656

Calculation of the working process in a
piston-type 'slow' compression wind tunnel

p0525 A79-42566

PISTONS

Centrifugal-reciprocating compressor


PITCH (INCLINATION)

Analytic design of airplane automatic pitch
controller

p0069 A79-19863

Influence of the pitch/chord ratio of a subsonic
cascade of turbine blades

p0063 A79-16792

A comparison of predicted and experimental rotor
to loads to evaluate flap-lag coupling with blade
pitch

[ AMS 76-19] p0121 A79-18145

On the influence of relative pitch in the subsonic
turbine cascade

p0613 A79-48503

A pitch attitude stabilization system utilizing
engine pressure ratio feedback signals


Introduction to the acceptor arc wing and the
Bertoluzzo effect for positive pitch stability

and control

p0480 A79-23895

An introduction to dynamic derivatives. 2:
The
equations of motion for wind tunnel pitch-yaw
oscillation rigs

[ ARL-AMW-8007-377] p0486 A79-23982

Longitudinal aerodynamics extracted from flight
tests using a parameter estimation method

[ ARL/KC-8707-2145] p0580 A79-26149

Parasitic studies of model helicopter blade slap
and rotational noise

[ AD-A068151] p0600 A79-29962

Heave-pitch-roll analysis and testing of air
cushion landing systems


PITCH ANGLES

U PITCH (INCLINATION)

PITCH ATTITUDE CONTROL

U LONGITUDINAL CONTROL

PITCHING ROBOTS

Lift and longitudinal moment of a
small-aspect-ratio wing in the proximity of a
body of revolution

p0021 A79-12168

Aerodynamic forces in finite wings in oscillatory
flow - An experimental study

p0060 A79-13980

Effect of interblade phase angle and incidence
on cascade pitching stability

[ AIAA PAPER 79-GT-159] p0394 A79-32418

Some theoretical considerations of a stall proof
airplane

[ AIAA PAPER 900604] p0456 A79-36736

Experiments on an aerofoil at high angle of
incidence in longitudinal oscillations

p0529 A79-43223

SUBJECT INDEX

Normal force and pitching moment of wing-body
combinations in the nonlinear angle-of-attack
range at subsonic speeds

p0418 A79-22022

The influence of sweep on the aerodynamic loading
of an oscillating NACA 0012 airfoil. Volume 1:
Technical report


PISTON TUBES

Piston-tubes at 90 and 180 degrees of yaw

p0186 A79-20793

Construction and calibration of piston-tube statics

p0385 A79-31564

PIVOTED WING AIRCRAFT

U TILT WING AIRCRAFT

PL/I

GASP-PL/I simulation of integrated avionic system
processor architectures


PLAN POSITION INDICATORS

Target marker placement for dive-tons deliveries
with wings non-level

p0556 A79-20023

PLANAR STRUCTURES

Minimization theory of induced drag subject to
constraint conditions

p0482 A79-23923

PLANES WAVES

An asymptotic result for the scattering of a plane
wave by a smooth convex cylinder

[ AD-A065588] p0490 A79-24229

PLANETARY ATMOSPHERES

The AIRSAT Program 1975-78 --- named
superpressure balloon flights for atmospheric
monitoring

[ AIAA 79-1600] p0524 A79-42399

PLANETARY ENVIRONMENTS

U PLANETARY ATMOSPHERES

U PLANETARY EXPLORATION

U SPACE EXPLORATION

U PLANETARY SPACE FLIGHT

U INTERPLANETARY FLIGHT

PLANE FORMS

U ARMS (PLANET)

PLANFORMS

U BOW WINGS

U CANT WINGS

U DELTA WINGS

U INVERTED SPAF WINGS

U RECTANGULAR PLANFORMS

U RECTANGULAR PLATES

U RECTANGULAR WINGS

U SWEPT FORWARD WINGS

U SWEPT BACK WINGS

U TAPERED WINGS

U VARIABLE WING WINGS

U WING PLANFORMS

PLANNING

U AIRCRAFT PLANNING

U MANAGEMENT PLANNING

U MIGRATION PLANNING

U PROJECT PLANNING

U REGIONAL PLANNING

U URBAN PLANNING

PLASMA FLOW

U MAGNETOHYDRAULIC FLOW

PLASMA SOUND WAVES

U MAGNETOHYDRAULIC WAVES

PLASMA SPRAYING

Development of a new flame sprayed erosion
resistant ablative coating system --- for gas
turbine engine parts

[ ASME PAPER 78-WA/GT-6] p0149 A79-19794

Development of sprayed ceramic seal systems for
turbine gas path sealing


NASA thermal barrier coatings: Summary and update


PLASTIC AIRCRAFT STRUCTURES

All weather cockpit canopies. I - The F16

p0006 A79-10619

Smoke hazards from aircraft materials

p0187 A79-20565

Advanced composite 727 elevator and 737 stabilizer
programs

p0188 A79-20873

Lightning protection techniques for graphite/epoxy
aircraft structures

p0188 A79-20875

A-342
PREDICTIONS

A jet exhaust noise prediction procedure for inverted velocity profile conangular nozzles
[AIAA PAPER 79-0633] p0317 A79-20964

An overview of technical problems in helicopter rotor loads prediction methods
[AIAA 79-0616] p0223 A79-20941

The effect of endless brm-in on reliability growth projections --- for solid state aviation electronics equipment
p0477 A79-39920

Predictive guidance for interceptors with time delays
p0611 A79-87939

Avionics computer software operation and support cost estimation
p0616 A79-88620

A practical approach to helicopter internal noise prediction
p0041 A79-10857

A survey of analytical and experimental techniques to predict aircraft dynamic characteristics at high angles of attack
p0177 A79-15079

Presentation of stability derivatives in missile aerodynamics and theoretical methods for their prediction
p0178 A79-15080

Blown flap noise prediction

The prediction of lightning-induced voltages on metallic and composite aircraft
p0243 A79-17422

An evaluation of four single element airfoil analytic methods
p0356 A79-20039

A comparison of panel methods for subsonic flow computation
[ AGARD-AG-241] p0362 A79-20088

Application of finite element techniques in predicting the acoustic properties of turbofan inlets
p0375 A79-20831

Procedure for noise prediction and optimization of advanced technology propellers

The generation, radiation and prediction of supersonic jet noise. Volume 2, appendix: Computer program listing
[ AD-A064685] p0428 A79-22954

Validation of aircraft noise prediction programs

Comparison of theoretical predicted longitudinal aerodynamic characteristics with full-scale wind tunnel data on the ATLIT airplane

Forecasting engine life
p0552 A79-27154

Scaling effects on drag prediction --- wind tunnel tests
p0579 A79-28123

PREDICTIONS

MT IMPACT PREDICTION
MT LINEAR PREDICTION
MT NOISE PREDICTION (AIRCRAFT)
MT PERFORMANCE PREDICTION

Improved prediction of laminar leading edge separation
p0357 A79-20050

Application of the AMI C sub 1 sub max prediction method to a number of airfoils
p0358 A79-20052

Study of design constraints on helicopter noise
[ NASA-Ck-15118] p0677 A79-32054

PREDICTORS

U PREDICTIONS

PRELIGHT ANALYSIS

Aircraft aerodynamic coefficient estimation
p0070 A79-14974

PRELIGHT OPERATIONS

New technology 56IN simulator
p0399 A79-33858

PREHEATERS

U HEATING EQUIPMENT

PREHEATED PLASMA

Le ranch combustion limits of a confined premixed-prevaporized propane jet
[ AIAA PAPERS 79-0538] p0253 A79-25856

La Recherche Aerospatiale. Bi-monthly Bulletin No. 1978-3
Pressure measurements on a spinning wind tunnel model by means of telemetry

Pressure and velocity measurements in a three dimensional wall jet — high lift V/STOL wing-plan

[AIAA PAPER 79-0352]

Pressure measurement in air data instrumentation

[AD-800869]

Unsteady pressure measurements on rotor blade tips with incidence

Unsteady aerodynamic pressure measurements on rotating lifting systems

[AD-800654]

Interactional aerodynamics of the single rotor helicopter configuration. Volume 2-B: Harmonic analyses: airframe surface pressure data, runs 23-25, mid section

[AD-800869]

Fluctuating loads measured on an over-the-wing supersonic jet model

[M A S A-TP-1366]

Measurements of acoustic sources in motion

[M A S A-TM-78869]

Fluctuating surface pressure measurements of a helicopter wind-tunnel model with a 3.15-meter diameter single rotor

[M A S A-TM-80051]

Aerodynamic performance of a 3.88-pressure-ratio, variable-pitch fan stage

[M A S A-TP-1502]

Pressure oscillations

Fluctuating surface pressure characteristics on a helicopter fuselage under hover and forward flight conditions

[AD-800869]

Experimental investigation of unsteady phenomena in vaneless radial diffusers

[M A S A PAPER 78-07-23]

Unsteady pressures on a NASA LAR100 airfoil — Experimental and theoretical results

[M A S A-TM-78030]

Subsonic base pressure fluctuations

[AD-800869]

On a property of the linearized boundary layer equations with self-induced pressure

[AD-800869]

Effects of steady-state pressure distortion on the stall margin of a J85-21 turbojet engine

[M A S A-TM-79123]

Pressure probes

U PITOT TUBES

U SPEED INDICATORS

U TESTS

U PRESSURE SENSORS

Pressure recovery

Total pressure recovery of flared fan nozzles used as inlets

[AD-800869]

Pressure reduction

An investigation of the performance of a J52-P-8A engine operating under the influence of high bleed flow extraction rates

[AD-800869]

Pressure regulators

Development of anti-G valves for high performance aircraft

[AD-800869]

Pressure-controlled thermal expansion welding of advanced composite RVF wing structure

[AD-800869]

Pressure sensors

Recent developments in sensors for the gas turbine engine

[S A E PAPER 79-07-52]

Pitot-tubes at 90 and 180 degrees of yaw

[AD-800869]

An omni-directional, tilt insensitive, wind speed threshold detector

Pressure oscillations

Pressure measurement in air data instrumentation

[AD-800869]

Calibration and use of a small line variometer to measure vertical velocity fluctuations

[AD-800869]

Construction and calibration of pitot-static systems

[AD-800869]

Conversion of wing surface pressures into normalized lift coefficient

[AD-800869]

Aeropropulsion systems test facility rake calibration test in tunnel A

[AD-800869]

Pressure transducers

U PRESSURE SENSORS

U PRESSURE VESELS

Spacebound composite structures

[U S A E-78-52]

Pressure welding

U DIFFUSION WELDING

U ULTRASONIC WELDING

Pressure vessels

Operational reliability of climate and pressure control equipment for passenger aircraft — Russian book

[AD-800869]

Crack free and cracked life of the pressurized cabin of the A 300 B — Calculation, tests and design measurements to improve damage tolerance

[AD-800869]

Adhesive bonded structure of new pressurized piston twin aircraft

[S A E PAPER 790563]

Pressure transducers

U PILOT TUBES

U SPEED INDICATORS

U TESTS

U PRESSURE SENSORS

Pressure reduction

An investigation of the performance of a J52-P-8A engine operating under the influence of high bleed flow extraction rates

[AD-800869]

Pressure regulators

Development of anti-G valves for high performance aircraft

[AD-800869]

Pressure-controlled thermal expansion welding of advanced composite RVF wing structure

[AD-800869]

Pressure sensors

Recent developments in sensors for the gas turbine engine

[S A E PAPER 79-07-52]

Pitot-tubes at 90 and 180 degrees of yaw

[AD-800869]

An omni-directional, tilt insensitive, wind speed threshold detector

Pressure oscillations

Pressure measurement in air data instrumentation

[AD-800869]

Calibration and use of a small line variometer to measure vertical velocity fluctuations

[AD-800869]

Construction and calibration of pitot-static systems

[AD-800869]

Conversion of wing surface pressures into normalized lift coefficient

[AD-800869]

Aeropropulsion systems test facility rake calibration test in tunnel A

[AD-800869]

Pressure transducers

U PRESSURE SENSORS

U PRESSURE VESELS

Spacebound composite structures

[U S A E-78-52]

Pressure welding

U DIFFUSION WELDING

U ULTRASONIC WELDING

Pressure vessels

Operational reliability of climate and pressure control equipment for passenger aircraft — Russian book

[AD-800869]

Crack free and cracked life of the pressurized cabin of the A 300 B — Calculation, tests and design measurements to improve damage tolerance

[AD-800869]

Adhesive bonded structure of new pressurized piston twin aircraft

[S A E PAPER 790563]

Pressure transducers

U PILOT TUBES

U SPEED INDICATORS

U TESTS

U PRESSURE SENSORS

Pressure reduction

An investigation of the performance of a J52-P-8A engine operating under the influence of high bleed flow extraction rates

[AD-800869]

Pressure regulators

Development of anti-G valves for high performance aircraft

[AD-800869]

Pressure-controlled thermal expansion welding of advanced composite RVF wing structure

[AD-800869]

Pressure sensors

Recent developments in sensors for the gas turbine engine

[S A E PAPER 79-07-52]

Pitot-tubes at 90 and 180 degrees of yaw

[AD-800869]

An omni-directional, tilt insensitive, wind speed threshold detector

Pressure oscillations

Pressure measurement in air data instrumentation

[AD-800869]

Calibration and use of a small line variometer to measure vertical velocity fluctuations

[AD-800869]

Construction and calibration of pitot-static systems

[AD-800869]

Conversion of wing surface pressures into normalized lift coefficient

[AD-800869]

Aeropropulsion systems test facility rake calibration test in tunnel A

[AD-800869]

Pressure transducers

U PRESSURE SENSORS

U PRESSURE VESELS

Spacebound composite structures

[U S A E-78-52]

Pressure welding

U DIFFUSION WELDING

U ULTRASONIC WELDING

Pressure vessels

Operational reliability of climate and pressure control equipment for passenger aircraft — Russian book

[AD-800869]

Crack free and cracked life of the pressurized cabin of the A 300 B — Calculation, tests and design measurements to improve damage tolerance

[AD-800869]

Adhesive bonded structure of new pressurized piston twin aircraft

[S A E PAPER 790563]

Pressure transducers

U PILOT TUBES

U SPEED INDICATORS

U TESTS

U PRESSURE SENSORS

Pressure reduction

An investigation of the performance of a J52-P-8A engine operating under the influence of high bleed flow extraction rates

[AD-800869]

Pressure regulators

Development of anti-G valves for high performance aircraft

[AD-800869]

Pressure-controlled thermal expansion welding of advanced composite RVF wing structure

[AD-800869]

Pressure sensors

Recent developments in sensors for the gas turbine engine

[S A E PAPER 79-07-52]

Pitot-tubes at 90 and 180 degrees of yaw

[AD-800869]

An omni-directional, tilt insensitive, wind speed threshold detector

Pressure oscillations

Pressure measurement in air data instrumentation

[AD-800869]

Calibration and use of a small line variometer to measure vertical velocity fluctuations

[AD-800869]

Construction and calibration of pitot-static systems

[AD-800869]

Conversion of wing surface pressures into normalized lift coefficient

[AD-800869]

Aeropropulsion systems test facility rake calibration test in tunnel A

[AD-800869]

Pressure transducers

U PRESSURE SENSORS

U PRESSURE VESELS

Spacebound composite structures

[U S A E-78-52]

Pressure welding

U DIFFUSION WELDING

U ULTRASONIC WELDING

Pressure vessels

Operational reliability of climate and pressure control equipment for passenger aircraft — Russian book

[AD-800869]

Crack free and cracked life of the pressurized cabin of the A 300 B — Calculation, tests and design measurements to improve damage tolerance

[AD-800869]

Adhesive bonded structure of new pressurized piston twin aircraft

[S A E PAPER 790563]
PROGRAM TREND LINE ANALYSIS

PROGRAM TREND LINE ANALYSIS
A review of the icing situation from the standpoint of general aviation

PROGRAM VERIFICATION (COMPUTERS)
Experimental verification of program ARASH - A mathematical model for general aviation structural crash dynamics
[SPAP PAPER 790589]

Computer Monitor and Control - A flexible, cost-effective implementation

Evolving methods for reducing avionics data in an AFSF environment -- Avionics Integration Support Facility program testing

Testability, the key to economical and operationally effective avionics test software

Dayton aircraft cabin fire model validation, phase 1
[AD-A058547]

Dynamic simulation of a multi-sensor communication and navigation system -- computer program verification

Validation of aircraft noise prediction program
[NASA-CR-150947]

AVDAP validation study: Lockheed L-1011
[NASA-CR-1509138]

PROGRAMMING LANGUAGES
NT PL/I

Exploring team avionics systems by simulation

Assessment of software development and maintenance costs due to retrofit of embedded avionics computer

[NASA-TN-79-1906]

PROGRAMS
NT AEGUS PROJECT
NT AILIT PROJECT
NT DEFIPRO PROGRAM
NT EUROPEAN SPACE PROGRAMS
NT NASA PROGRAMS
NT QUEST ENGINE PROGRAM
NT SUPERSONIC CRUISE AIRCRAFT RESEARCH
NT TERMINAL CONFIGURED VEHICLE PROGRAM
NT ZILOT ROCKET RESEARCH AIRCRAFT PROGRAM

PROJECT MANAGEMENT
Management of test program development for S-3A -- Avionics, maintainability and automatic test equipment

The operational impact of Navy's first TALF program -- P-3C Test, Analyze and Fix

Overview of FEBMEN program at Ames Research Center

Current deficiencies in simulation for training

Development of Integrated Programs for Aerospace-vehicle design (IPAD): Reference design process
[NASA-CS-29061]

PROJECT PLANNING
Navigation planning -- Need for a new direction -- unnecessary redundancies between current navigation systems

The application of computer-aided techniques to project design -- for aircraft

Engineering and development program plan:
Aircraft safety
[AD-A058546]

HSL participation in the plan for assisting in the definition of Army helicopter electro-optical symbology
[AD-A058730]

Overview of NASA general aviation program

Engineering and development program plan:
Terminal/tower control
[TA-AR-78-28]
P-18 Status report

Langley's two-dimensional research facilities: Capabilities and plans

SUBJECT INDEX

Master plan flight service station automation program
[AD-A052001/5]

European transonic wind tunnel project for high Reynolds numbers -- cryogenic proposal
[AAAP-WT-79-12]

In the AV-8B advanced carrier aircraft ready for full-scale development

PROJECTS

NT AEGUS PROJECT
NT AILIT PROJECT

PROPAGATION (EXTENSION)
NT CRACK PROPAGATION
NT PLATE PROPAGATION

PROPAGATION VELOCITY
Crack speed and propagation resistance prediction for steels and Al. alloys helicopter components

PROPANE

Lean combustion limits of a confined premixed-prevaporized propane jet

PROPPELLANT GRADES
Some recent developments in solid propellant gas generator technology

PROPPELLANTS
NT MONOPROPELLANTS
NT SOLID PROPELLANTS
NT SOLID ROCKET PROPELLANTS

PROPELLER BLADES
Propeller unsteady thrust due to operation in turbulent inflow

A laboratory study of the subjective response to helicopter blade-slap noise

Optimization of jet distribution along the blade for VTOL jet propelled rotor

Unsteady aerodynamics of a circulation controlled airfoil

The design and selection of optimum propellers for general aviation aircraft

The analysis of propellers including interaction effects -- for general aviation aircraft

Development of an aircraft composite propeller

Practical design of minimum induced loss propellers

The impact of noise regulations on propeller design

An experimental study of propeller-induced structural vibration and interior noise

Tone noise of three supersonic bell shaped propellers in a wind tunnel

The aeroacoustics of advanced turbopropellers

A laboratory study of the subjective response to helicopter blade-slap noise

Conspicuity assessment of selected propeller and tail rotor paint schemes

The analysis of propellers including interaction effects

Interference effects of aircraft components on the local blade angle of attack of a wing-mounted propeller

Tone noise of three supersonic bell shaped propellers in a wind tunnel

PROPELLER DRIVE
NT HELICOPTER PROPELLER DRIVE
Heliocopter icing research

Rain-onion resistant materials in air and space travel

[RAE-LIB-TRANS-2003]

An evaluation of coatings for steel and titanium fasteners for aircraft applications

[NASA-TP-197987]

An experimental, low-cost, silicon slurry/epoxide high-temperature coating for superalloys

[NASA-TP-197987]

Metallic coatings for graphite/epoxy composites

[AD-A069977]

Prototype
t
Optimal design of a gas-turbine engine thermodynamics on the basis of prototype elements.

[TAB-79-1295]

Optimal thermodynamic design of a gas turbine engines using element prototypes.

[TAB-79-46997]

Realization of a helicopter-oriented real-time data systems for research, experimental, and prototype flight testing

[ANS 79-50]

PBRSSIC ACID

U HYDROXIC ACID

PSYCHOACOUSTICS

The annoyance of multiple noisy events --- ratings for simulated fliers

[AIAA PAPER 79-0453]

Effects of duration and other noise characteristics on the annoyance caused by aircraft-flyover noise

[NASA-TP-1366]

Effects of road traffic background noise on judgments of individual airplane noises

[NASA-TP-1433]

PSYCHOLOGICAL EFFECTS

Effects of duration and other noise characteristics on the annoyance caused by aircraft-flyover noise

[NASA-TP-1366]

PSYCHOLOGY

HT PSYCHOCOACOUSTICS

PSYCHOPHYSICS

NT PSYCHOCOACOUSTICS

PSYCHOPHYSIOLOGY

NT WORKLOADS (PSYCHOPHYSIOLOGY)

Motion in flight simulation: An annotated bibliography

[AD-A061667]

Structuring of data systems: Psychophysiological data from the dynamic flight simulator

[AD-A0617175]

PUBLIC LAW

NT LEGAL LIABILITY

PUBLICATIONS

U DOCUMENTS

POLYFLAT FLOW

U UNSTEADY FLOW

PULSE COMMUNICATION

Performance of a pulse-decode circuit in the presence of interference

[DEAG 79-48713]

Distributed TDM - An approach to JTTDS phase II

--- Time Division Multiple Access Joint Tactical Information Distribution System

[DEAG 79-48713]

A novel approach to the design of an all digital aeronautical satellite communication system

[DEAG 79-31461]

A digital communication system as gateway between adjacent computerized air traffic control centres

[DEAG 79-31461]

Performance predictions and trials of a helicopter UHF data link

[DEAG 79-31476]

PULSE DOPPLER RADAR

Moving target detector data utilization study

[DEAG 79-10318]

Near-field analysis of helicopter rotating blades modulation interference

[DEAG 79-25131]

PULSE DURATION MODULATION

An optical communication system for aircraft

[DEAG 79-28034]

Development of a 10 kVA power conditioner unit, aircraft, 115/200 volt, 3-phase, 400 Hz

[AD-A056119]

PULSE MODULATION

U PULSE DURATION MODULATION

PULSE RADAR

NT PULSE DOPPLER RADAR

The application of pulsed 'G' band radiometers to modern military aircraft

[DEAG 79-99590]

Echo tracker/range finder for radars and sonars

[DEAG 79-26253]

PULSE TIME MODULATION

NT PULSE DURATION MODULATION

PULSE WIDTH MODULATION

U PULSE DURATION MODULATION

PULSED LASERS

Uily and repair of aircraft engine parts using pulsed TAG lasers

[TAB-79-15205]

Pulse propulsion

Small hole drilling and inspection with pulsed laser systems --- in air-cooled aircraft engine structures

[AIAA PAPER 79-1268]

PULSED LASER RADIATION

NT ELECTROMAGNETIC PULSES

PULSES

NT ELECTROMAGNETIC PULSES

Helicopter bearing failure detection utilizing shock pulse techniques

[AD-A057508]

PUMPS

NT AXIAL FLOW PUMPS

NT CENTRIFUGAL PUMPS

NT TURBINE PUMPS

PWM (MODULATION)

U PULSE DURATION MODULATION

PYLONS

Mounting Load and dynamic assessment of B-52B-008 carrier aircraft for finned configuration I space shuttle solid rocket booster decelerator subsystems drop test vehicle. Volume 1: Summary

[NASA-CR-150833]

Load and dynamic assessment of B-52B-008 carrier aircraft for finned configuration I space shuttle solid rocket booster decelerator subsystems drop test vehicle. Volume 3: Pylon load data method 1

[NASA-CR-150835]

Load and dynamic assessment of B-52B-008 carrier aircraft for finned configuration I space shuttle solid rocket booster decelerator subsystems drop test vehicle. Volume 4: Pylon load data

[NASA-CR-150836]

PYLONS

Decoupler pylons - A simple, effective wing/store flutter suppressor --- in fighter/attack aircraft

[AIAA 79-0791]

PYROBRAZALLOY

U COMPOSITE MATERIALS

U REFRACTARY MATERIALS

PYROTECHNICS

Smoke hazards from aircraft materials

[DEAG 79-20856]

Electrical insulation fire characteristics. Volume 2: Toxicity

[PB-298441/2]

PYROMETRY

U TEMPERATURE MEASUREMENT

PYROTECHNICS

A system for survival --- passenger aircraft escape systems utilizing pyrotechnics

[DEAG 79-14426]

F37 AIRCRAFT

U F-3 AIRCRAFT

Q

Q FACTORS

An efficient algorithm for computing the Q-guidance matrix

[AD-A068616]

QUADRATIC PROGRAMMING

A computer program for double sweep optimal smoothing
QUASI-STEADY STATES
QUANTITATIVE ANALYSIS
QUALITY FACTORS

QUALITY
NT AIR QUALITY
NT WATER QUALITY
NT NOISE QUALITY

QUALITY CONTROL
Aircraft manufacturing quality assurance
The F/K-18 challenge - Readiness and low total cost
The perils and pitfalls of low-cost vibration alternatives - Practical experience with pneumatic exciters for production screening --- electronic equipment tests
Reliability and quality in aeronautics and astronautics; Meeting, Hanover, West Germany, April 27, 28, 1978, Reports
The 214 fiberglass blade - Design for inspectability --- for helicopters
Reliability based quality /RQ/ technique for evaluating the degradation of reliability during manufacturing --- for any helicopter systems and components
Material and process control - Aircraft integral fuel tanks
Fabrication and quality assurance procedure to assure a myseretial lifting parachute
The structural effects and detection of variations in Hercules 501-5A and Avco 2505 resin systems
Chemical analysis of advanced composite prepreg and resins --- for quality control
Review of aircraft bearing rejection criteria and causes
The effect of standardization of avionics software quality assurance
A Navy plan for the development of a practical computer-aided programming /CAD/ system for analog circuit test design
Avionics design for testability - An aircraft contractor's viewpoint
Techniques for fault isolation ambiguity reduction --- in military avionics
Achieving consistency in the production of critical jet engine components by means of press forging
Determining the contour of helicopter rotor blades automatically using electro-optical techniques
Automatic scanning inspection of composite helicopter structure using an advanced technology fluoroscopic system
What the FAA would like in airworthiness standards
A new standard for lightning qualification testing of aircraft: Technical overview, definitions and basic waveforms
Proceedings from the Government/Industry Workshop on the Reliability of Nondestructive Inspections
Aviation turbine fuels, 1978 --- thermophysical properties

QUALITY FACTORS
U QUALITY FACTORS
QUANTITATIVE ANALYSIS
Compartmental lubrication system
Dynamic stall at high frequency and large amplitude --- using quasi-steady aerodynamic analytic prediction method

QUASILINEARITY
U NONLINEARITY
QUATERNIONS
Complex quaternion notation in coordinate transformations --- missile launching aircraft-inertial space transformations

QUIRING THEORY
Cascade - Queue model of airport users
An analysis of bolt-hole spacing in aircraft carrier landings
Comparison of some methods to determine the delays of landing aircraft with respect to runway capacity

QUIET ENGINE PROGRAM
Advanced composite fan frame for the Quiet Clean Short-Haul Experimental Engine /QCSEE/
Effect of forward velocity and crosswind on the reverse-thrust performance of a variable-pitch fan engine
Measured and predicted noise of the AVCO-Lycoming TF-102 turbofan engine
Up and away with QSPA --- Quiet Short-Haul Research Aircraft
Preliminary OCAT test results --- Quiet, Clean General Aviation Turboprop
Design and performance of the propulsion system for the quiet short-haul research aircraft /QCSEA/ --- Quiet Short-Haul Experimental Engine program

RACON BEACONS
U RADAR BEACONS
RADAR
MT AIRBORNE SURVEILLANCE RADAR
MT CONTINUOUS WAVE RADAR
MT DOPPLER RADAR
MT RADAR MEASUREMENT
MT RANGE AND RANGE RATE TRACKING
MT SEARCH RADAR
MT SECONDARY RADAR
MT RACS-LOOKING RADAR
MT SURVEILLANCE RADAR
MT SYNTHETIC APERTURE RADAR
MT TRACKING RADAR
RADAR ALTIMETERS
U RADIO ALTIMETERS
RADAR ANTENNAS
A yaw stabilized S.A.R. aerial
Antenna to IMU mounting for SAR motion compensation --- Inertial Measurement Unit
E-3A antenna pedestal turntable
Grating lobe control in limited scan arrays
Modeling the X-band radar augmentation system of a high altitude supersonic target
RCS reduction of installed aircraft antennas --- Radar Cross Section prediction
Reflection elimination in secondary surveillance radar --- for air traffic control
A report on the Sperry Dose Radar
Tracker antenna location study

A-356
Radar approach control
Flight investigation of helicopter IFR approaches to oil rigs using airborne weather and mapping radar
[AMS 79-52] p0633 A79-49108
A helicopter high definition rotor blade radar
[AM-65 E79-30207] p0654 A79-30207
Interim results of DARS/ATCRBS electromagnetic compatibility testing
[AD-6772007] p0710 A79-32418
Radar beacons
NT discrete address beacon system
Operational evaluation of an Air Traffic Control Radar Beacon System open array antennas
[AM-79-27139] p0274 A79-27139
Experimen tal results
[AM-79-33606] p003 A79-33606
Small lightweight electronically steerable cylindrical antenna successfully utilized in an air traffic management system
[AM-78 48597] p0614 A79-48597
Development and evaluation of selective address Beacon (SAB) system
[AD-65S86577] p0100 A79-13022
Design, fabrication, and testing of breakboard model ATCRBS based surface trilateration data acquisition subsystem
[AM-65 11148] p0160 A79-14061
Experimental RCRS performance results
[AM-65S936] p0160 A79-14064
Design, fabrication, and testing of a breakboard model ATCRBS based surface trilateration data acquisition subsystem
[AD-65S7933] p0161 A79-14065
Airborne measurements of ATCRS fruit
[AM-79-2663] p0230 A79-16023
FCA BCAS concept, appendices A-E
[FAA-FM-79-5-3-A] p0231 A79-16030
FCA BCAS concept, appendices F-M
[FAA-FM-79-5-3-B] p0231 A79-16031
Discrete address beacon system. A bibliography
with abstracts
[AM-79/244/8] p0494 A79-23945
Uplink ATCRS environment measurements along the Boston-Washington corridor. Volume 2: Interrogator characteristics
[AD-66794] p0540 A79-26041
Discrete Address Beacon System (DABS) Air Traffic Control Radar Beacon System (ATCRBS) interference analysis
[AD-66S6557] p0949 A79-27119
Radar cross section
A study of structural concepts for low radar cross section /LCS/ fuselage configurations
[AM-79-10908] p003 A79-10908
Radar simulation from optical photography --- for scene prediction map in navigational guidance
[AM-79-15154] p0071 A79-15154
RCS reduction of installed aircraft antennas --- Radar Cross Section prediction
[AM-79-24716] p0247 A79-24716
Radar cross section fundamentals for the aircraft designer
[AM-79-301] p0607 A79-47898
Radar data
Enhancements of radar data-handling networks
[AM-79-10299] p0002 A79-10299
A technical review of the radar systems implemented by Eurocontrol
[AM-79-10329] p0003 A79-10329
Developments in radar data processing at the London Air Traffic Control Centre
[AM-79-10330] p0003 A79-10330
The future - ARTS XII --- Automated Radar Terminal Systems for air traffic control
[AM-79-22705] p0198 A79-22705
Concept of modular software for the stepwise construction of radar data processing systems with minicomputers, taking into account as example the Airtrack System
[AM-79-26579] p0265 A79-26579
Radar signal processing development for application of VHSI
[AM-79-48664] p0618 A79-48664
An analysis of SAPPHIRE image parameters as a function of processing parameters --- for synthetic aperture radar data processing
[AM-79-48666] p0618 A79-48666
High speed radar processing using CMOS/SOS technology
[AM-79-1901] p0697 A79-54380
Radar detection
Applied ECM. Volume 1 --- Book
[AM-79-21800] p0192 A79-21800
Digital target extraction at civil air traffic control radar installations in the Federal Republic of Germany and possibilities for its further development from the point of view of the Federal Institute of ITC
[AM-79-26753] p0265 A79-26753
Radar and bird-aircraft collisions
[AM-79-29362] p0326 A79-29362
The intercept of covert radar
[AM-79-38132] p0663 A79-38132
A family of air traffic control radars
[AM-79-38532] p0865 A79-38532
Radar direction finders
U radio direction finders
Radar echos
NT clutter
Reflection elimination in secondary surveillance radar --- for air traffic control
[AM-79-46241] p0574 A79-46241
Echo interpretation of severe storms on airport surveillance radars
[AM-60 4085] p0240 A79-17123
Case studies on convective storms. Case study 1, 22 June 1976: First echo case
[AM-79-33758] p0722 A79-33758
Case studies on convective storms. Case study 1, 22 June 1976: First echo case
[AM-79-33758] p0722 A79-33758
Radar equipment
NT plan position indicators
NT radar antennas
NT radar beacons
NT radar filters
NT radar receivers
NT radar reflectors
NT radar transmitters
Polish radar developments
[AM-79-10283] p0002 A79-10283
The control of tolerances in an array antenna
[AM-79-11919] p0018 A79-11919
Evolution of a TRACON --- terminal guidance system for New York area airports
[AM-79-11934] p0205 A79-23597
Reliability growth planning to achieve RIW/GNSX requirements for an airborne radar
[AM-79-24965] p0240 A79-24965
Multidose radar processor --- for combat aircraft
[AM-79-28058] p0280 A79-28058
CEB technology applied to airborne radar --- Combined Environment Reliability Testing
[AM-79-39893] p0476 A79-39893
Test implementation through support software - A Pit translator --- automated Fault Isolation Tests on airborne radar system
[AM-79-48667] p0620 A79-48667
The impact of software in automatic test equipment --- for evaluation of radar analog to digital converter
[AM-79-48691] p0620 A79-48691
Performance of current radar systems in an EW environment --- Electronic Warfare
[AM-79-49555] p0637 A79-49555
Intensive tropic function testing
[AM-79-10440] p0039 A79-10440
Systems integration analysis for future tower cab configurations/systems
[AM-79-14066] p0161 A79-14066
Air-OPS-96 radar modification program
[AM-79-20310] p0370 A79-20310
Radar filters
Multi-filter MTI system
[AM-79-10320] p0003 A79-10320
Radar imagery
Enhancements of radar data-handling networks
[AM-79-10299] p0002 A79-10299
Better utilization of SAR dynamic range --- airborne display capacity improvement
[AM-79-13200] p0053 A79-13200
Enhancement of radar imagery by maximum entropy processing
[AM-79-48666] p0618 A79-48666
RADAR OBSERVATION

p0053 A79-13201

Dependence of track quality on the number of radar sensors --- air traffic control
p0115 A79-17680

System for the display of extracted radar data on the basis of minicomputer-controlled display devices /DEED-MC/ for an employment in Air Traffic Control
p0251 A79-25491

Geneva, Zurich get fine-grain 3-D color weather radar

Preprocessing for advanced image matching techniques
p0515 A79-41850

Synthetic aperture radar map for navigation
p0610 A79-84003

Digital sensor simulation at the Defense Mapping Agency Aerospace Center
p0622 A79-48705

A CO2 laser for a compact imaging radar
p0684 A79-51951

Numerical studies of conversion and transformation in a surveillance system employing a multitude of radars, part 2 --- advanced air traffic control services
[AD-A072086] p0709 N79-32615

RADAR MAPS

RADAR TRACKING

Radar simulation from optical photography --- for scene prediction map in navigational guidance
p0071 N79-15154

Digital sensor simulation at the Defense Mapping Agency Aerospace Center
p0622 A79-48705

RADAR MEASUREMENT

Increasing effectiveness of piloting systems by modern methods of digital signal processing
p0520 A79-42272

Multiradar tracking system using radial velocity measurements
p0638 A79-89608

Airborne measurements of ATMBS fruit
[ATC-84] p0230 N79-16823

RADAR NAVIGATION

Experimental design study of an airborne interferometer for terrains avoidance
p0003 A79-10381

The principle and practice of 'clutch' radar operation
p0399 A79-33025

Evaluation of the navigation performance of shipboard VTOL-landing guidance systems
[AAE-79-17268] p0570 A79-85626

Synthetic aperture radar map for navigation
p0614 A79-84603

Flight investigation of helicopter IFV approaches to oil rigs using airborne weather and mapping radar
[ANW-79-52] p0633 A79-49104

Combined environment reliability test of the common strategic Doppler system
p0644 A79-50368

Roadrunner: A novel radar guidance concept
[SLW-79-0412C] p0770 N79-33383

RADAR OBSERVATION

U RADAR TRACKING

RADAR RANGE

Better utilization of SAR dynamic range --- airborne display capability improvement
p0053 A79-13200

A family of air traffic control radars
p0065 A79-38532

RADAR RECEIVERS

Image 2 reliability and maintainability B-52D
[AD-A057938] p0049 N79-11291

Initial flight test of a Loran-C receiver/data collection system

RADAR REFLECTIONS

U RADAR ECHOS

RADAR REFLECTIONS

TASRA, a thinned adaptive synthetic aperture radar
p0274 A79-27135

RADAR RESOLUTION

Enhancement of radar imagery by maximum entropy processing
p0053 A79-13201

Geneva, Zurich get fine-grain 3-D color weather radar

SUBJECT INDEX

RADAR SCANNING

Track-while-scan algorithms in a clutter environment
p0017 A79-11192

Radar range in limited scan arrays
p0377 A79-18714

Radar system design for track-while-scan
p0248 A79-25319

Heading and speed errors for x, y tracking filters
p0349 A79-32164

RADAR SIGNATURES

Information processing for target detection and identification
[AD-A068907] p0586 N79-28393

Low ES signature response techniques
p0597 N79-29397

RADAR TARGETS

New approaches concerning the implementation of radar target extractors with the aid of very fast microprogrammable data processors
p0265 A79-26754

Estimation of target elevation angle from 2-D radar --- for shipboard fire control
p0274 A79-27145

A family of air traffic control radars
p0465 A79-38532

Millimeter airborne radar target detection and selection techniques
p0618 A79-48665

Ellipsoidal modelling of aircraft targets for evaluation of electronic fuses
p0617 A79-49580

Survey of radar simulation training at ATC field facilities
[FFB-RA-78-27] p0294 N79-17877

Target marker placement for dive-toss deliveries with wings non-level
p0354 N79-20023

Low ES signature response techniques
p0597 N79-29397

RADAR TRACKING

Track-while-scan algorithms in a clutter environment
p0017 A79-11192

Radar applications of millimeter waves
p0081 A79-16552

Dependence of track quality on the number of radar sensors --- air traffic control
p0115 A79-17684

Radar system design for track-while-scan
p0248 A79-25319

Problems of computer-aided tracking, giving particular attention to radar which can be electronically turned
p0265 A79-26741

SPEAKERS: A millimeter wave radar fire control system
p0274 A79-27144

Estimation of target elevation angle from 2-D radars --- for shipboard fire control
p0274 A79-27145

Heading and speed errors for x, y tracking filters
p0349 A79-32164

Geodesy and coordinate conversion for position determination of aircraft
p0377 A79-32581

Manoeuvre handling in a multiradar, a.t.c. systems
p0512 A79-41176

Estimation of aircraft target motion using pattern recognition orientation measurements
p0612 A79-47987

The alpha-beta-gamma tracking filter in the Z-domain --- in aircraft tracking
p0619 A79-48680

The linear tracking problem --- Airborne interception
p0637 A79-48566

Multiradar tracking system using radial velocity measurements
p0638 A79-49608

Tracker antenna location study
[AD-A059026] p0108 N79-13235

Survey of radar simulation training at ATC field facilities
[FFB-RA-78-27] p0294 N79-17877

Radar track data correlation or reachable sets revisited: The reachable state
[AD-A065045] p0464 N79-23318

A computer program for double sweep optimal smoothing
[AD-A066512] p0502 N79-25278

A-358
Performance evaluation method for dissimilar aircraft designs --- using the square of the wing span for nondimensional comparisons of aerodynamic characteristics [NASA-R-1042] p0649 N79-30139

Research and Development

Research of the YF-1-1 turbofan engine [AIAA PAPER 78-18241] p0694 A79-53750

Development and research on high-altitude engines [NASA-79-0561] p0254 A79-25870

Planning the development and qualification process for the next generation of high-thrust aircraft engines [SPE PAPER 780992] p0255 A79-25879

Requirements and constraints in the development and qualification of gas turbine engines for the Navy [SPE PAPER 780994] p0255 A79-25879

The continuity factor in aircraft development [NASA-P-26536]

Development and initial test results of parachutes with automatic inflation modulation [AIAA 79-0561] p0255 A79-25879

Research needs in aerospace structural dynamics [AIAA 79-0561] p0255 A79-25879


The 727-200 development [NASA-P-29042] p0676 A79-31524

The combustion of a range of distillate fuels in small gas turbine engines [NASA-P-29042] p0676 A79-31524

A review of Curtiss-Wright rotary engine research developments with respect to general aviation potential [SPE PAPER 790621] p0657 A79-36749

A summary of NASA/Air Force Full Scale Engine Research Program using the P100 engine [AIAA PAPER 79-1308] p0509 A79-40488

Contribution of the engine F & D community to reduced cost ownership of Army helicopters [AIAA PAPER 79-1360] p0511 A79-40764

The DFVLF-P4 transonic wing as European test model [NASA-P-29042] p0676 A79-31524

Historical development of worldwide supersonic aircraft [AIAA PAPER 79-1313] p0510 A79-40760

USAF thrust in aircraft electrical power technology [NASA-P-29042] p0510 A79-40760

Lightweight hydraulic systems development [NASA-P-29042] p0510 A79-40760

An overview of NASA research on positive displacement type general aviation engines [AIAA PAPER 79-18241] p0694 A79-33750

Holography and LDV techniques, their status and use in airfoil research [NASA-P-29042] p0694 A79-33750

Research and development activities in Italy in the field of aerospace structures and materials [AIAA-P-29042] p0694 A79-33750


Research Facilities

Overview of two-dimensional airfoil research at Ames Research Center [NASA-P-29042] p0694 A79-33750

Langley's two-dimensional research facilities: Capabilities and plans [NASA-P-29042] p0694 A79-33750

A new airfoil research capability [NASA-P-29042] p0694 A79-33750
RESEARCH MANAGEMENT

Trends in Langley helicopter noise research
[30x98] p0092 N79-10863
Aerocoustic research: An Army perspective
[17x629] p0042 N79-10664
Overview of NASA general aviation programs
[30x500] p0221 N79-15962
General aviation energy-conservation research programs
[17x337] p0221 N79-15963
Total environment survivability methodology
[30x310] p0355 N79-18971
NASA research objectives and roles
[17x283] p0355 N79-20031
Langley airfoil-research program
[17x255] p0355 N79-20032
Overview of two-dimensional airfoil research at
[30x133] Ames Research Center
[17x119] p0355 N79-20033

RESEARCH PROJECTS

NASA plans and programs in support of integrated
[30x105] ATC development
[17x78] p0204 A79-23588
Advances in materials technology through the EMF
- Goals, problems and main points of interest
[17x84] p0059 N79-40677
Summary of applied research programs being
[30x78] conducted on miniature turbomachines for producing
[17x180] cryogenic temperatures operating on gas bearings
[17x194] turbo compressors and expanders utilizing helium
[17x191] and nitrogen as working fluids
[17x198] p0383 N79-21072
Ames Research Center publications, 1977
[17x102] p0428 N79-22957

RESEARCH VEHICLES

Design of the circulation control wing STOL
demonstrator aircraft
[30x160] [AIAA PAPER 79-1842] p0609 A79-47909
Investigation of the cross ship comparison
[17x153] monitoring method of failure detection in the
[17x160] HIMIT RPMV - digital control technique using
[17x165] airborne microprocessors
[17x162] [NASA CR-184879] p0091 N79-12064

RESIDUAL STRESS

Residual-stress formation during the thermal
[30x85] hardening of components in gas-turbine engines
[17x153] p0266 A79-26282
x-ray determination of internal stress states due to
surface treatment of T4Al6V4 and TA16V6G2
[17x150] p0447 A79-36003
Investigation into the effect of residual stresses on fatigue
[17x153] strength and measurements of residual stress,
with special reference to aircraft construction
[30x283] [APS-11B-TR-85-77] p0171 N79-15027
Review of aeronautical fatigue investigations in the Netherlands
[17x92] during the period March 1977 - February 1979
[17x98] [NLR-REP-79006-0] p0367 N79-21488
Residual surface strain distributions near holes which are coldworked to various degrees
[17x105] [AD-AGE6096] p0598 N79-29550

RESILIENCE

Summary of past experience in natural lasing flow
[30x78] and experimental programs for resilient leading edge
[17x153] [NASA CR-152276] p0538 N79-26024

RESINS

EPOXY RESINS
[17x160] [NASA-CE-152276] p0538 N79-26024
KEVLAR (TRADEMARK)
[17x160] [NASA-TRB-500] p0538 N79-26024
NYLON (TRADEMARK)
[17x162] [NASA-TRB-500] p0538 N79-26024
PHENOLIC RESINS
[17x162] [NASA-TRB-500] p0538 N79-26024
POLYESTER RESINS
[17x162] [NASA-TRB-500] p0538 N79-26024
POLYURETHANE RESINS
[17x162] [NASA-TRB-500] p0538 N79-26024
PHENOLIC FIBRES
[17x162] [NASA-TRB-500] p0538 N79-26024
THERMOPLASTIC FILMS
[17x162] [NASA-TRB-500] p0538 N79-26024
THERMOPLASTIC RESINS
[17x162] [NASA-TRB-500] p0538 N79-26024
THERMOSETTING RESINS
[17x162] [NASA-TRB-500] p0538 N79-26024

RESISTANCE HEATING

Aircon electrically heated acrylic --- for ice
formation prevention on aircraft transparencies
[30x228] [SAE PAPER 790600] p0455 A79-36732

RESONANCE

Resonant frequencies
[30x150] An analysis of unsteady transonic flow in wind
[17x153] tunnels in subsonic frequency range
[17x153] [AIAA 79-0754] p0320 A79-29018
Deterioration of the natural frequency of an
airship model
[17x153] [AIAA 79-15982] p0524 A79-42402
Experimental measurements of the rotating
frequencies and mode shapes of a full scale
helicopter rotor in a vacuum and correlations
[17x153] with calculated results
[17x153] [AHS 79-10] p0628 A79-49071

RESONANT CAVITIES

Resonant cavities
[17x153] Examination of the air resonance stability
[17x153] characteristics of a bearingless main rotor
[17x153] [AHS 78-22] p0121 A79-18148
Antiresonant rotor isolation for vibration reduction
[17x153] in helicopters
[17x153] [AHS 78-24] p0121 A79-18150
Fricution damping of resonant stresses in gas
turbine engine airfoils
[17x153] [ASH/ PAPER 79-GT-109] p0392 A79-32384
A new analytic method for the study of classic
ground resonance
[17x153] p0514 A79-41767
Full scale ground and air resonance testing of the
Army-Boeing Vertol Bearingless Main Rotor
[17x153] [AHS 79-23] p0629 A79-49075
Experimental evaluation of the effect of inlet
distortion on compressor blade vibrations
[17x153] p0226 A79-16300
The analysis of engine vibrations
[17x153] p0552 A79-27150

RESISTIVITY

Electrical resistivity
[17x153] [AHS 79-0968] p0722 A79-15976
The effect of surface imperfections on the calibration of the AERCD-PVT 16-foot transonic tunnel aerodynamic test section at various Reynolds numbers.

[AD-A065112] p0425 N79-22117

The effect of surface imperfections on the aerodynamic performance of an airfoil at moderate Reynolds numbers.

[AD-8065112] p0425 N79-23048

The design of models and their supports, the Evans clean-flow tunnel. A review of some of the various proposals --- the design of high Reynolds number, transonic wind tunnels.

European transonic wind tunnel project for high Reynolds numbers --- cryogenic proposal.

[AAAP-RT-78-01] p0440 N79-23110

Construction problems specific to models for high Reynolds number wind tunnel guidelines --- scale models.

[AAAP-RT-78-02] p0441 N79-23124

High Reynolds Number Subsonic Aerodynamics.

[VKI-LECTURE-SERIES-16] p0579 N79-28119

Correlation of data related to shock-induced trailing-edge separation and extrapolation to flight Reynolds number.


BP-8 AIRCRAFT

U F-8 AIRCRAFT

RR-2 HELICOPTER

U UN-1 HELICOPTER

RIBBON PARACHUTES

Overtest results for the 7.3-m/24-ft diameter hybrid凯维尔-92/nylon ribbon parachute.

p0191 A79-21526

Design criteria for and development of凯维尔 ribbon parachutes.

[AIAA 79-0430] p0262 A79-26630

Design and development of the 24-foot diameter hybrid凯维尔-92/nylon ribbon parachute.

[AIAA 79-0433] p0263 A79-26641

RIBS (SUPPORTS)

Thermal stability of ribbed sheet systems.

p0019 A79-12137

RICHARDS-DUSHMAN EQUATION

U TEMPERATURE EFFECTS

RIDE QUALITY

Passenger ride quality in transport aircraft.

p0025 A79-12396

Development of noise and vibration ride comfort criteria.

p0198 A79-22921

B-1 ride control.

p0237 N79-16876

Physical and subjective studies of aircraft interior noise and vibration.


Ride qualities criteria validation/pilot performance study: flight test results.


RIDER PROBLEM

U CARCERY PROBLEM

RIGID BODIES

U RIGID STRUCTURES

RIGID ROTORS

The fibre composite helicopter blade.

p0535 A79-43712

Project HAYFORD (Navy vertical takeoff and landing capability development).

p0657 N79-30212

RIGID MOTORS

The Lynx hingeless rotor system and flight characteristics --- military helicopter.

p0079 A79-16241

The Netherlands experimental vertical axis wind turbine.

p0112 A79-17120

Analytical design of a high performance stability and control augmentation system for a hingeless rotor helicopter.

[AMS 78-27] p0122 A79-18153

An experimental study of coupled rotor-body aeromechanical instability of hingeless rotors in hover.

p0130 A79-18656

Gust response and its alleviation for a hingeless helicopter rotor in cruising flight.

p0131 A79-18662

Parameter identification applied to analytic hingeless rotor modeling.

p0197 A79-22475

Stability and unbalance response of centrally preloaded rotors mounted in journal and needle bearing.

p0395 A79-32085

Gust response and its alleviation for a hingeless helicopter rotor in cruising flight.

A-370
ROLL CONTROL

Investigation of roll performance for a highly nonlinear statically unstable fighter-type aircraft

[AD-A069301]  p0669 A70-3199

ROLL CONTROL

U LATERNAL CONTROL

ROLL FORCING

Basic problems of controlling non-Newtonian fluid flow in roll clearance --- roll forcing of aircraft plastics

[ASME PAPERS 76-LOB-28]  p0199 A70-23291

Preparation of double-curvature planking by rolling --- for aircraft structures

P0686 A70-52130

ROLLERS BEARINGS

Overstress testing of helicopter transmissions

[AHS 78-90]  p0124 A70-18173

A functional evaluation of a thrust carrying cylindrical roller bearing design

[NAVIGATION PAPERS 76-108]  p0557 A70-27516

Review of aircraft bearing rejection criteria and causes

P0564 A70-85250

Ceramic sailnash roller bearing performance in a gas turbine engine

[AD-A067954]  p0557 A70-27516

Tapered roller bearing development for aircraft turbine engines

[AD-A069440]  p0662 A70-30555

Investigation of the use of ceramic material in aircraft engine bearings

[AD-A070631]  p0710 A70-33214

ROLLING

Computer-aided analysis and design of the shape rolling process for producing turbine engine airfoils

[NASA-CR-159445]  p0094 A70-12087

ROLLING ROBOTS

Some observations on the mechanism of aircraft wing rock

P0463 A70-38135

ROTARY DRIVES

U MECHANICAL DRIVES

ROTARY VIBRATIONS

On mechanics of gyroscopes in gimbal suspension

P0664 A70-18209

Dynamics of nonideal gyroscopic systems

P0664 A70-18212

ROTARY STABILITY

VT GYROSCOPIC STABILITY

The influence of tilting pad bearing characteristics on the stability of high speed rotor-bearing systems

P0075 A70-16012

D ynamic stability of a two-blade rotor

P0085 A70-11999

Rotary balance data for a typical single-engine general aviation design for an angle-of-attack range of 8 deg to 90 deg. 2: High-wing model A

[NASA-CR-31101]  p0664 W93-31199

ROTARY WING AIRCRAFT

VT AR-64 HELICOPTER

VT BO-105 HELICOPTER

VT CH-46 HELICOPTER

VT CH-47 HELICOPTER

VT CH-54 HELICOPTER

VT COMPOUND HELICOPTERS

VT K-53 HELICOPTER

VT SHAFTE LIFT HELICOPTERS

VT HELICOPTERS

VT MILITARY HELICOPTERS

VT OH-58 HELICOPTERS

VT F-531 HELICOPTER

VT RIGID ROTOR HELICOPTERS

VT MOTOR SYSTEMS RESEARCH AIRCRAFT

VT S-61 HELICOPTER

VT SB-3 HELICOPTER

VT TANDEM ROTOR HELICOPTERS

VT TILT ROTOR AIRCRAFT

VT UH-1 HELICOPTER

VT OH-6A HELICOPTER

VT OH-61A HELICOPTER

VT XV-15 AIRCRAFT

Development of an environmental design and test guide for Army rotary-wing aircraft

P0075 A70-16078

P0078 A70-16229

SUBJECT INDEX

Rotorcraft system identification techniques for handling qualities and stability control evaluation

[AHS 78-30]  p0122 A70-18156

The use of analytic tools in the design and development of rotorcraft

P0128 A70-18638

The role of rotor impedance in the vibration analysis of rotorcraft

P0130 A70-18653

Recent progress in rotorcraft and powered-lift research

P0133 A70-18674

Kleitze Do 34 - The German contribution to the ARGUS program --- tethered rotor platform for battlefield surveillance system

P0150 A70-19897

A system for interdisciplinary analysis - A key to improved rotorcraft design

[AHS 78-8]  p0626 A70-49060

Proceedings of the Technical Conference on the Effects of Helicopter Downwash on Free Projectiles

[AD-A058123]  p0091 W93-12067

Advanced rotorcraft technology: Task force report


Prediction of aerodynamic instabilities in rotorcraft

P0553 W93-27159

Maintenance cost study of rotary wing aircraft, phase 2


NASA gear research and its probable effect on rotorcraft transmission design

[NASA-TM-79292]  p0721 W93-33477

ROTARY WINGS

VT RIGID ROTORS

VT CIRCULATION CONTROL ROTORS

VT LIFTING ROTORS

VT RIGID ROTORS

VT TILTING ROTORS

VT TIP DRIVEN ROTORS

Damage-tolerant design of the YUH-61A main rotor system

P0013 A70-10911

The survivability of helicopters to rotor blade ballistic damage

P0014 A70-10913

Damage tolerant design of the YUH-61A main rotor

P0014 A70-10914

Composite rotor hub, L, II --- fatigue and load tests for CH-54B helicopter design

P0014 A70-10916

Survey of the application of reinforced composites in European helicopters

P0014 A70-10917

Development of a multitubular spar composite main rotor blade

P0015 A70-10919

Boeing Vertol bearingless main rotor structural design approach using advanced composites

P0015 A70-10920

Helicopter noise - State-of-the-art

[AAAP PAPER 77-1337]  p0025 A70-12395

The Lynx hingeless rotor system and flight characteristics --- military helicopter

P0079 A70-16241

Trends in helicopter rotor head design

P0079 A70-16244

Composite materials in helicopters

P0081 A70-16514

A new approach to helicopter rotor blade research instrumentation

P0113 A70-17583

Analytic investigation of advancing blade drag reduction by tip modifications

[AHS 78-01]  p0118 A70-18127

What are the lift and propulsive force limits at high speed for the conventional rotor

[AHS 78-02]  p0118 A70-18128

Full-scale wind tunnel test of a modern helicopter main rotor - Investigation of tip Mach number effects and comparisons of four tip shapes

[AHS 78-03]  p0119 A70-18119

Full-scale wind tunnel test of a modern helicopter main rotor - Correlation with model rotor test data and with theory

[AHS 78-031]  p0119 A70-18130

A-372
Rotor airfoil optimization - An understanding of the physical limits
[ABS 78-04]

Rotor-airfoil flight investigation - Preliminary results
[ABS 78-05]

Design and development tests of a four-bladed light helicopter rotor system
[ABS 78-07]

A comparison of predicted and experimental rotor loads to evaluate flap-lag coupling with blade pitch
[ABS 78-19]

Examination of the air resonance stability characteristics of a teardrop airfoils
[ABS 78-22]

Antiresonant rotor isolation for vibration reduction
[ABS 78-24]

Lag damping in autorotation by a perturbation method
[ABS 78-25]

Inertia welding of YAH-64 main rotor drive shaft
[ABS 78-32]

Filament wound rotor blade - the Army's new production blade for the AH-1
[ABS 78-36]

The 214 fiberglass blade - Design for inspectability
[ABS 78-37]

The aerodynamically conformable rotor concept
[ABS 78-59]

Wind-tunnel test results of a full-scale multicyclic controllable twist rotor
[ABS 78-60]

Experimental effects of tip shape on rotor control modulation interference
[ABS 79-61]

Application of the local momentum theory to the aerodynamic characteristics of tandem rotor configurations
[ABS 79-62]

Green's function method for compressible unsteady potential aerodynamic analysis of rotor-fuselage interactions
[ABS 79-63]

2D simulation of unsteady phenomena on a rotor - helicopter design
[ABS 79-64]

A new approach to rotor blade stall analysis
[ABS 79-65]

Unsteady aerodynamics of a circulation controlled airfoil
[ABS 79-66]

Design and wind tunnel testing of a 1.5 diameter model rotors
[ABS 79-67]

Improvements in rotor performance by rotor tip blowing
[ABS 79-68]

Hot-wire measurements of stall and separation on helicopter rotor blades
[ABS 79-69]

Rotor blade lag plane frequency optimization using visco-elastic damping - helicopter design
[ABS 79-70]

Effect of structural coupling parameters on the flap-lag forced response of a rotor blade in forward flight using Floquet theory
[ABS 79-71]

Application of the finite element method to rotary-wing aeroelasticity - helicopter hovering flight
[ABS 79-72]

Analysis of free torsional rotor blade oscillations under special consideration of anisotropic wash-plate support
[ABS 79-73]

Free-feathering rotor - helicopter applications
[ABS 79-74]

Gust response and its alleviation for a hingeless helicopter rotor in cruising flight
[ABS 79-75]

Hybrid heater/paste and heater/flexible coating schemes for de-icing helicopter rotor blades
[ABS 79-76]

Helicopter tail rotor noise generated by aerodynamic interactions
[ABS 79-77]

Fluctuating surface pressure characteristics on a helicopter fuselage under hover and forward flight conditions
[ABS 79-78]

Monitoring of fatigue loading on rotor system and related components
[ABS 79-79]

Flight research capabilities of the NASA/Army Rotor Systems Research Aircraft
[ABS 79-80]

The CB-46 rotor blade transition from metal to fiberglass blade - Design for inspectability
[ABS 79-81]

Inertia welding of YAH-64 main rotor drive shaft
[ABS 79-82]

Filament wound rotor blade - the Army's new production blade for the AH-1
[ABS 79-83]

The 214 fiberglass blade - Design for inspectability
[ABS 79-84]

The aerodynamically conformable rotor concept
[ABS 79-85]

Wind-tunnel test results of a full-scale multicyclic controllable twist rotor
[ABS 79-86]

Experimental effects of tip shape on rotor control modulation interference
[ABS 79-87]

Application of the local momentum theory to the aerodynamic characteristics of tandem rotor configurations
[ABS 79-88]

Green's function method for compressible unsteady potential aerodynamic analysis of rotor-fuselage interactions
[ABS 79-89]

2D simulation of unsteady phenomena on a rotor - helicopter design
[ABS 79-90]

A new approach to rotor blade stall analysis
[ABS 79-91]

Unsteady aerodynamics of a circulation controlled airfoil
[ABS 79-92]

Design and wind tunnel testing of a 1.5 diameter model rotors
[ABS 79-93]

Improvements in rotor performance by rotor tip blowing
[ABS 79-94]

Hot-wire measurements of stall and separation on helicopter rotor blades
[ABS 79-95]

Rotor blade lag plane frequency optimization using visco-elastic damping - helicopter design
[ABS 79-96]

Effect of structural coupling parameters on the flap-lag forced response of a rotor blade in forward flight using Floquet theory
[ABS 79-97]

Application of the finite element method to rotary-wing aeroelasticity - helicopter hovering flight
[ABS 79-98]

Analysis of free torsional rotor blade oscillations under special consideration of anisotropic wash-plate support
[ABS 79-99]

Free-feathering rotor - helicopter applications
[ABS 79-100]

Gust response and its alleviation for a hingeless helicopter rotor in cruising flight
[ABS 79-101]

Hybrid heater/paste and heater/flexible coating schemes for de-icing helicopter rotor blades
[ABS 79-102]

Helicopter tail rotor noise generated by aerodynamic interactions
[ABS 79-103]

Fluctuating surface pressure characteristics on a helicopter fuselage under hover and forward flight conditions
[ABS 79-104]

Monitoring of fatigue loading on rotor system and related components
[ABS 79-105]

Flight research capabilities of the NASA/Army Rotor Systems Research Aircraft
[ABS 79-106]

The CB-46 rotor blade transition from metal to fiberglass blade - Design for inspectability
[ABS 79-107]

Inertia welding of YAH-64 main rotor drive shaft
[ABS 79-108]

Filament wound rotor blade - the Army's new production blade for the AH-1
[ABS 79-109]

The 214 fiberglass blade - Design for inspectability
[ABS 79-110]

The aerodynamically conformable rotor concept
[ABS 79-111]

Wind-tunnel test results of a full-scale multicyclic controllable twist rotor
[ABS 79-112]

Experimental effects of tip shape on rotor control modulation interference
[ABS 79-113]

Application of the local momentum theory to the aerodynamic characteristics of tandem rotor configurations
[ABS 79-114]

Green's function method for compressible unsteady potential aerodynamic analysis of rotor-fuselage interactions
[ABS 79-115]

2D simulation of unsteady phenomena on a rotor - helicopter design
[ABS 79-116]

A new approach to rotor blade stall analysis
[ABS 79-117]

Unsteady aerodynamics of a circulation controlled airfoil
[ABS 79-118]

Design and wind tunnel testing of a 1.5 diameter model rotors
[ABS 79-119]

Improvements in rotor performance by rotor tip blowing
[ABS 79-120]

Hot-wire measurements of stall and separation on helicopter rotor blades
[ABS 79-121]

Rotor blade lag plane frequency optimization using visco-elastic damping - helicopter design
[ABS 79-122]

Effect of structural coupling parameters on the flap-lag forced response of a rotor blade in forward flight using Floquet theory
[ABS 79-123]

Application of the finite element method to rotary-wing aeroelasticity - helicopter hovering flight
[ABS 79-124]

Analysis of free torsional rotor blade oscillations under special consideration of anisotropic wash-plate support
[ABS 79-125]

Free-feathering rotor - helicopter applications
[ABS 79-126]
Effect of operational envelope limits on teetering rotor flapping

[AD-A059187] p0107 W-79-13030
Research on helicopter rotor noise

[AD-A058388] p0104 W-79-13054
Design, fabrication and laboratory testing of a helicopter composite main rotor hub

[AD-A060313] p016 W-79-14005

Designing redundant link

Interactional aerodynamics of the single-rotor helicopter configuration, volume 1

[AD-A053085] p0170 W-79-15008
Compensating linkage for main rotor control

A numerical simulation of typical articulated rotor impedance

[AD-A053085] p0215 W-79-15005
Design and development of a system to measure the nodal shapes of a vibrating, rotating helicopter blade in a vacuum

[AD-A061359] p0217 W-79-15377
Experimental investigation of effects of blade tip geometry on loads and performance for an articulated rotor system

[ NASA-TP-1303] p0218 W-79-15568
Artificial icing test photic coatings on 08-18 helicopter rotor blades

[AD-A059675] p0220 W-79-15554
Impedance measurements on a spinning model helicopter rotor

[ARC-CF-1389] p0220 W-79-15595
Aeroelastic response and stability of a coupled rotor/support system with application to large horizontal axis with turbulators

[AD-80592013] p0226 W-79-16346
Interactional aerodynamics of the single rotor helicopter configuration, Volume 2-A: Harmonic analyses of airframe surface pressure data, runs 7-14, forward section

[AD-A065359] p0228 W-79-16607
Interactional aerodynamics of the single rotor helicopter configuration. Volume 2-C: Harmonic analyses of airframe surface pressure data, runs 7-18, aft section

[AD-A069360] p0228 W-79-16608
Interactional aerodynamics of the single rotor helicopter configuration. Volume 2-D: Harmonic analyses of airframe surface pressure data, runs 15-22, forward section

[AD-A061079] p0229 W-79-16609
Interactional aerodynamics of the single rotor helicopter configuration. Volume 2-D: Harmonic analyses of airframe surface pressure data, runs 15-22, aft section

[AD-A061800] p0229 W-79-16610
Interactional aerodynamics of the single rotor helicopter configuration. Volume 2-E: Harmonic analyses of airframe surface pressure data, runs 23-33, forward section

[AD-A061361] p0229 W-79-16611
Guest response and its alleviation for a hingeless helicopter rotor in cruising flight

[AD-A061134] p0235 W-79-16862
Rotary-wing aerodynamics. Volume 2: Performance prediction of helicopters

Inertial dynamics of a general purpose rotor

Interactional aerodynamics of the single rotor helicopter configuration. Volume 8b: Frequency analyses of wake single film data, basic configuration wake exploration

[AD-A062013] p0302 W-79-18956
Interactional aerodynamics of the single rotor helicopter configuration. Volume 8c: Frequency analyses of wake single film data, basic configuration wake exploration

[AD-A061905] p0302 W-79-18958
Interactional aerodynamics of the single rotor helicopter configuration. Volume 8c: Frequency analyses of wake single film data, hubcaps and air ejectors

[AD-A061995] p0302 W-79-18959
Design, calibration, and application of a sensor for measuring time dependent angle of attack of helicopter blades

[AD-A061995] p0303 W-79-18968

Principles of helicopter performance
[AD-A062671]
Nonlinear equations of equilibrium for elastic helicopter or wind turbine blades undergoing moderate deformation
[NASA-CP-159478]
Observations on the dynamic stall characteristics of advanced helicopter rotor airfoils
[AD-A052900]
Interactional aerodynamics of the single rotor helicopter configuration. Volume 4A: One-third octave band spectrograms of wake single film data, fairings and surface devices --- utility aircraft
[AD-A063000]
Interactional aerodynamics of the single rotor helicopter configuration. Volume 4B: One-third octave band spectrograms of wake single film data, hubcaps and air ejectors --- utility aircraft
[AD-A0652140]
Interactional aerodynamics of the single rotor helicopter configuration. Volume 4C: Frequency analyses of wake single film data, build up to baseline --- utility aircraft
[AD-A0662600]
Interactional aerodynamics of the single rotor helicopter configuration. Volume 4D: Frequency analyses of wake single film data, open hubcaps --- utility aircraft
[AD-A0662941]
Interactional aerodynamics of the single rotor helicopter configuration. Volume 4E: Frequency analyses of wake single film data, air ejectors --- utility aircraft
[AD-A0662590]
Interactional aerodynamics of the single rotor helicopter configuration. Volume 4F: Frequency analyses of wake single film data, air ejectors and hubcaps --- utility aircraft
[AD-A0662667]
Interactional aerodynamics of the single rotor helicopter configuration. Volume 4G: Frequency analyses of wake single film data, fairings and surface devices --- utility aircraft
[AD-A0662800]
Interactional aerodynamics of the single rotor helicopter configuration. Volume 4H: Frequency analyses of wake single film data, buildup to baseline --- utility aircraft
[AD-A0662258]
Generalization of analytical tools for helicopter rotor airfoils
[NASA-CR-158480]
Interactional aerodynamics of the single rotor helicopter configuration. Volume 5A: One-third octave band spectrograms of wake single film data, basic configuration wake explorations
[AD-A0663712]
Interactional aerodynamics of the single rotor helicopter configuration. Volume 5B: One-third octave band spectrograms of wake single film data, build up to baseline
[AD-A0663711]
Interactional aerodynamics of the single rotor helicopter configuration. Volume 5C: Frequency analyses of wake single film data, fairings and surface devices --- utility aircraft
[AD-A0663710]
Interactional aerodynamics of the single rotor helicopter configuration. Volume 5D: Frequency analyses of wake single film data, air ejectors with hubcaps --- utility aircraft
[AD-A0663719]
Interactional aerodynamics of the single rotor helicopter configuration. Volume 5E: One-third octave band spectrograms of wake single film data, open hubcaps
[AD-A0663241]
Interactional aerodynamics of the single rotor helicopter configuration. Volume 5F: Frequency analyses of wake single film data, basic configuration wake explorations
[AD-A0663243]
Interactional aerodynamics of the single rotor helicopter configuration. Volume 5G: One-third octave band spectrograms of wake single film data, air ejectors with hubcaps, wings
[AD-A0663248]
Interactional aerodynamics of the single rotor helicopter configuration. Volume 5H: One-third octave band spectrograms of wake single film data, open hubcaps, air ejectors
[AD-A0663244]
Interactional aerodynamics of the single rotor helicopter configuration. Volume 5I: One-third octave band spectrograms of wake single film data, air ejectors with hubcaps, wings
[AD-A0663246]
Interactional aerodynamics of the single rotor helicopter configuration. Volume 5J: One-third octave band spectrograms of wake single film data, air ejectors with hubcaps, wings
[AD-A0663245]
A wind-tunnel investigation into the effect of errors in blade setting on the stalling performance of a compressor cascade

Retreating blade and dynamic stall —— for helicopter rotors

Distortions, rotating stall and mechanical solicitations

Axial compressor stall —— effects on aircraft engines

ROTOR AERODYNAMICS

An experimental study of three-dimensional turbulent boundary layer and turbulence characteristics inside a turbomachinery rotor passage

Helicopter transport efficiency payoffs from advanced technology

A design point correlation for losses due to part-span dampers on transonic rotors

Analytic investigation of advancing blade drag reduction by tip modifications

What are the lift and propulsive force limits at high speed for the conventional rotor

The prediction of supercritical pressure distributions on blade tips of arbitrary shape over a range of advancing blade azimuth angles —— for helicopter rotors

Application of the local momentus theory to the aerodynamic characteristics of tandem rotor in yawed flight

Optimization of jet distribution along the blade for VTOL jet propelled rotor

Rotor prediction with different downwash models

An investigation of the influence of fuselage flow field on rotor loads, and the effects of vehicle configuration

Green’s function method for compressible unsteady potential aerodynamic analysis of rotor-fuselage interaction

2D simulation of unsteady phenomena on a rotor —— helicopter design

A new approach to rotor blade stall analysis

Unsteady aerodynamics of a circulation controlled airfoil

Design and wind tunnel testing of 1.5 m diameter model rotors

Improvements in rotor performance by rotor tip blowing

Hot-wire measurements of stall and separation on helicopter rotor blades

The NASA Active Isolation/Rotor Balance System —— Rotor Systems Research Aircraft

Free-footing rotor —— helicopter applications

Composite blade for a 5 a diameter tilt rotor

Status report on advanced development program utilizing circulation control rotor technology
Stoppable and stowable jet-flap rotor concept
Viscous flow analysis in mixed flow rotors --- in turbomachinery
Helicopter aerodynamics
Parameter identification applied to analytic hingeless rotor modeling
Calculated hovering helicopter blade dynamics with a circulation-controlled rotor
Effects of periodic changes in free stress velocity on flows over airfoils near static stall
Drag on an oscillating airfoil in a free stream --- helicopter rotor blade application
Wake induced time-variant aerodynamics including rotor-stator axial spacing effects
A fundamental criterion for the application of rotor casing treatment --- in axial flow compressors
Characteristics of the wake of a lightly loaded compressor or fan rotor
A comparison of linear acoustic theory with experimental noise data for a small-scale hovering rotor
Unsteady stator response to upstream rotor wakes
Optimizing gas turbine engine flexible rotor balancing by the Lp-search method
A generalized 'capacity-pressure-rotational velocity' equation for axial turbines
Transonic boundary layer on compressor rotor blades as calculated and measured in wind tunnel
A wind-tunnel investigation into the effect of errors in blade setting on the stalling performance of a compressor cascade
Theoretical and experimental investigations on aerodynamically highly-loaded compressor blading with boundary layer control
Study of the flow field behind a transonic axial compressor rotor using laser-anemometry and unsteady pressure measurements
Small disturbance swirl flow in turbomachinery blading
Acoustics and performance of high-speed, unequally spaced fan rotors
Influence of freely rotating inlet guide vanes on the return flows and stable operating range of an axial flow fan
Study of some characteristics of helicopter rotor operation on the basis of a numerical experiment
A review of tail rotor design and performance
Review of problems of unsteady aerodynamics of helicopters
Optimization for rotor blades of tandem design for axial flow compressors
The prediction of steady, circumferential pressure and temperature distributions in multistage axial flow compressors
Time-variant aerodynamics of oscillating airfoil surfaces in a supersonic flowfield
Unsteady pressure measurements on rotor blade tips with incidence
The derivation of a thickness noise formula for the far-field by Isom --- applied to helicopter rotors
Experimental analysis methods for unsteady flows in turbomachines
Effect of tip shape on blade loading characteristics for a two-bladed rotor in hover
An integrated analytical and experimental investigation of helicopter hub drag
Ten years of Aerospatiale experience with the Weis-Pogh principle in turbomachinery --- aerodynamic lift generation without vortex shedding
Is the Weis-Pogh principle exploitable in turbomachinery? --- aerodynamic lift generation with circulation coupled wake for advanced configuration hovering rotors
The status of rotor noise technology: One man's opinion
Interactional aerodynamics of the single rotor helicopter configuration. Volume 2A: Harmonic analyses of airframe surface pressure data, runs 7-14, forward section
Interactional aerodynamics of the single rotor helicopter configuration. Volume 2B: Harmonic analyses of airframe surface pressure data, runs 15-22, forward section

Interactional aerodynamics of the single rotor helicopter configuration. Volume 2-2: Harmonic analyses of airframe surface pressure data, runs 23-33, forward section [AD-A061361] p0229 N79-16811

Interactional aerodynamics of the single rotor helicopter configuration. Volume 6-5: One-third octave band spectrogram of wake single film data, buildup to baseline [AD-A061994] p0302 N79-18958

Interactional aerodynamics of the single rotor helicopter configuration. Volume 6-6: Frequency analyses of wake single film data, hubcaps and air ejectors [AD-A061995] p0302 N79-18959

Interactional aerodynamics of the single rotor helicopter configuration. Volume 6-7: Frequency analyses of wake single film data, fairings and surface devices --- utility aircraft [AD-A063000] p0360 N79-20074

Interactional aerodynamics of the single rotor helicopter configuration. Volume 6-8: Frequency analyses of wake single film data, open hubcaps --- utility aircraft [AD-A063000] p0360 N79-20075


Interactional aerodynamics of the single rotor helicopter configuration. Volume 7-4: Frequency analyses of wake single film data, buildup to baseline --- utility aircraft [AD-A062639] p0360 N79-20076


Interactional aerodynamics of the single rotor helicopter configuration. Volume 7-6: Frequency analyses of wake single film data, air ejectors with hubcaps --- utility aircraft [AD-A062641] p0361 N79-20800

Interactional aerodynamics of the single rotor helicopter configuration. Volume 7-7: Frequency analyses of wake single film data, fairings and surface devices --- utility aircraft [AD-A062642] p0361 N79-20801

Interactional aerodynamics of the single rotor helicopter configuration. Volume 7-8: Frequency analyses of wake single film data, buildup to baseline [AD-A062254] p0361 N79-20802

The role of rotor impedance in the vibration analysis of rotorcraft, part 4 [NASA-CR-152261] p0363 N79-20103


Interactional aerodynamics of the single rotor helicopter configuration. Volume 8-2: One-third octave band spectrogram of wake single film data, air ejectors [AD-6061653] p0379 N79-21018

Experimental investigation of three helicopter rotor airfoils designed analytically --- in the Langley 6 by 19 inch and 6 by 20 inch transonic wind tunnels [NASA-TP-1396] p0416 N79-22037


Interactional aerodynamics of the single rotor helicopter configuration. Volume 8-8: One-third octave band spectrogram of wake single film data, basic configuration wake explorations [AD-A061810] p0482 N79-23931

Interactional aerodynamics of the single rotor helicopter configuration. Volume 3-2: Flow angle and velocity wake profiles in low frequency band, basic investigations and hub variations [AD-A061865] p0482 N79-23932

Interactional aerodynamics of the single rotor helicopter configuration. Volume 3-3: Flow angle and velocity wake profiles in low frequency band, air ejector systems and other devices [AD-A061767] p0483 N79-23933


A flight investigation of basic performance characteristics of a teetering-rotor attack helicopter [NASA-TP-59112] p0547 N79-27097

Axial compressor stall --- effects on aircraft engines [P0557 N79-27435]

Effect of rotor aerodynamic velocity ratio on response to inlet radial and circumferential distortion [NASA-TP-1278] p0563 N79-28177

Evaluation of stiffness and damping coefficients for fluid-film bearings [P0585 N79-28367]


Parametric studies of model helicopter blade slap and rotational noise [AD-A060818] p0600 N79-29962

Performance of two-stage fan with a first-stage rotor redesigned to account for the presence of a part-span damper [NASA-TP-1483] p0654 N79-30191

The promise of multicyclic control --- to control fatigue blade loads and rotor vibration [NASA-TP-78621] p0663 N79-31137

Some nonlinear problems in transonic helicopter acoustics [AD-A065564] p0712 N79-32974


An experimental study of the response of a turbomachine rotor to a low frequency inlet distortion [NASA-TP-31897] p0716 N79-33203

ROTOR BLADES

Derivation of control loads for bearingsless rotor systems --- in helicopter design [P0013 A79-10966]

A new approach to helicopter rotor blade research instrumentation [P0113 A79-17583]

The aerodynamically conformable rotor concept [MFS 78-59] p0125 A79-18180

Experimental effects of tip shape on rotor control loads [AMS 78-61] p0125 A79-18182

Composite blade for a 5 ft diameter tilt rotor [P0133 A79-18676]

The CH-46 rotor blade transition from metal to composite capability of capacitive striping, rotor-blade-tip-clearance measurement systems [SAP PAPER 781003] p0256 A79-25885

An investigation of model helicopter rotor blade slap at low tip speeds [A-378]
# SUBJECT INDEX

<table>
<thead>
<tr>
<th>Paper Code</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIAA PAPER 79-0613</td>
<td>p0272 A79-26938</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Designing a ring for protecting the gas-turbine engine casing from fragments of the rotor</td>
<td>p0316 A79-28272</td>
</tr>
<tr>
<td>Characteristics of aeroelastic instabilities in turbomachinery - NASA full scale engine test results</td>
<td>p0328 A79-29386</td>
</tr>
<tr>
<td>An experimental investigation of film cooling on a turbine rotor blade</td>
<td>p0380 A79-30518</td>
</tr>
<tr>
<td>Effect of rotor tip clearance and configuration on overall performance of a 12.77-centimeter tip diameter axial-flow turbine</td>
<td>p0380 A79-30521</td>
</tr>
<tr>
<td>Experimental evaluation of the effect of inlet distortion on compressor blade vibrations</td>
<td>p0381 A79-30558</td>
</tr>
<tr>
<td>Development of linear and non-linear hub springs for two-bladed rotors</td>
<td>p0384 A79-31171</td>
</tr>
<tr>
<td>Advanced technology applied to the TH-60A and S-76 helicopters</td>
<td>p0384 A79-31172</td>
</tr>
<tr>
<td>A calculation procedure for three-dimensional, time-dependent, incompressible flow through turbomachine blades of any geometry</td>
<td>p0385 A79-31247</td>
</tr>
<tr>
<td>On the balancing convergence of flexible rotors, with special reference to asymmetric rotors</td>
<td>p0395 A79-31390</td>
</tr>
<tr>
<td>Forced vibrations of a single stage axial compressor rotor</td>
<td>p0392 A79-32383</td>
</tr>
<tr>
<td>Aerodynamic and aeroelastic characteristics of oscillating loaded cascades at low Mach numbers</td>
<td>p0393 A79-32387</td>
</tr>
<tr>
<td>Optimization for rotor blades of tandem design for axial flow compressors</td>
<td>p0393 A79-32394</td>
</tr>
<tr>
<td>Three-dimensional lifting-surface theory for an annular blade row</td>
<td>p0396 A79-32441</td>
</tr>
<tr>
<td>Preliminary studies using photon correlation velocimetry in turbomachinery and combustion systems</td>
<td>p0405 A79-34314</td>
</tr>
<tr>
<td>Causes of high pressure compressor deterioration in service</td>
<td>p0508 A79-40483</td>
</tr>
<tr>
<td>Subsonic flow past an oscillating cascade with finite mean flow deflection</td>
<td>p0576 A79-46704</td>
</tr>
<tr>
<td>Design and development of a hybrid composite rotor blade for the circulation control rotor system of the AHS 79-46</td>
<td>p0632 A79-49998</td>
</tr>
<tr>
<td>An approach for estimating vibration characteristics of nonuniform rotor blades</td>
<td>p0639 A79-49718</td>
</tr>
<tr>
<td>Effect of rotor tip clearance and configuration on overall performance of a 12.77-centimeter tip diameter axial-flow turbine</td>
<td>p0695 A79-12015</td>
</tr>
<tr>
<td>Effect of structural parameters on the flap-lag forced response of a rotor blade in forward flight</td>
<td>p0778 A79-12998</td>
</tr>
<tr>
<td>A new blade element method for calculating the performance of high and intermediate solidity axial flow fans</td>
<td>p0793 A79-13047</td>
</tr>
<tr>
<td>Research on centrifugal effects on turbine rotor blade film cooling</td>
<td>p0165 A79-14106</td>
</tr>
<tr>
<td>Effect of casing treatment on performance of a two-stage high-pressure-ratio fan</td>
<td>p0234 A79-16852</td>
</tr>
<tr>
<td>Strain gage system evaluation program</td>
<td>p0307 A79-19314</td>
</tr>
<tr>
<td>Flap-lag-torsion flutter analysis of a constant life rotor</td>
<td>p0307 A79-19314</td>
</tr>
<tr>
<td>Advanced composite engine rotor design</td>
<td>p0424 A79-22105</td>
</tr>
<tr>
<td>The fluid dynamic design of advanced centrifugal compressors</td>
<td>p0427 A79-22508</td>
</tr>
<tr>
<td>Helicopter rotor airfoil</td>
<td>p0482 A79-24958</td>
</tr>
<tr>
<td>An evaluation of linear acoustic theory for a hovering rotor</td>
<td>p0482 A79-24958</td>
</tr>
</tbody>
</table>
Flying hot-wire study of two-dimensional turbulent flow past a symmetrical airfoil at high speed. [NASA CR-79-0347]

Effect of compressor geometry on the unsteady pressure fluctuations and wake evolution. [AIAA PAPER 79-0283]

Visualization of the separation and subsequent transition near the leading edge of airfoils. [NASA CR-79-19995]

A new model for highly separated airfoils. [AIAA PAPER 79-1875]

Structure of the turbulent separated flow around a stalled airfoil. [NASA CR-79-192263]

Correlation of data related to shock-induced separation. [AIAA PAPER 79-28110]

A real-time sequential filtering algorithm for GPS low-dynamics navigation systems. [AIAA PAPER 79-28110]

Military engine usage monitoring developments in the United Kingdom. [ASME PAPER 78-GT-146]

Correlation of data related to shock-induced separation. [NASA CR-79-19995]

Determination of inspection intervals for aircraft structures with allowance for the two-stage nature of fatigue damage. [NASA CR-79-19995]

Operation of long-service-life gas-turbine engines as a function of the thermal state. [NASA CR-79-19995]

Northrop/United States Air Force application of failure predictions to an operational aircraft system. [NASA CR-79-19995]

Engine life usage experience of YF17/F3101 flight and ground testing. [NASA CR-79-19995]

Crack free and cracked life of the pressurized fuselage of the A-300 E. [NASA CR-79-19995]

Analytical life estimation for helicopter components. [NASA CR-79-19995]

Effect of flow separation vortices on aircraft design. [AIAA PAPER 79-28110]

Structure of the turbulent separated flow around a stalled airfoil. [NASA CR-79-192263]

Correlation of data related to shock-induced separation. [AIAA PAPER 79-28110]

A new model for highly separated airfoils. [AIAA PAPER 79-1875]

Structure of the turbulent separated flow around a stalled airfoil. [NASA CR-79-192263]

Correlation of data related to shock-induced separation. [AIAA PAPER 79-28110]

A real-time sequential filtering algorithm for GPS low-dynamics navigation systems. [AIAA PAPER 79-28110]
The effect of short regions of high surface curvature on turbulent boundary layers...

Finite element analysis of the shear-lag problem...

Optimization of wing structures to satisfy strength and frequency requirements...

Deflection of a shell under the influence of a supercritical gas flow...

Aerohydroelastic opening of a shell in unsteady flow...

Experimental measurements of shock/boundary-layer interactions at swept compression corners...

Investigation of three-dimensional shock/boundary-layer interactions at swept compression corners...

Application of shock-tube technology to the design of a 42 seat helicopter...

Application of shock-tube technology to the design of a jet induced compression flow control system...

Wind tunnel shock-tube simulation and evaluation of blast effects on an engine inlet...

Effect of shocks on film cooling of a full scale turbine engine model...

A new method for designing shock-free transonic airfoils...

Hypersonic flow over conical wing-body combinations...

Application of shock-tube technology to the design of a 42 seat helicopter...

Application of shock-tube technology to the design of a jet induced compression flow control system...

Wind tunnel shock-tube simulation and evaluation of blast effects on an engine inlet...

Effect of shocks on film cooling of a full scale turbine engine model...

A new method for designing shock-free transonic airfoils...

Hypersonic flow over conical wing-body combinations...

Application of shock-tube technology to the design of a 42 seat helicopter...

Application of shock-tube technology to the design of a jet induced compression flow control system...

Wind tunnel shock-tube simulation and evaluation of blast effects on an engine inlet...

Effect of shocks on film cooling of a full scale turbine engine model...

A new method for designing shock-free transonic airfoils...

Hypersonic flow over conical wing-body combinations...

Application of shock-tube technology to the design of a 42 seat helicopter...

Application of shock-tube technology to the design of a jet induced compression flow control system...

Wind tunnel shock-tube simulation and evaluation of blast effects on an engine inlet...

Effect of shocks on film cooling of a full scale turbine engine model...

A new method for designing shock-free transonic airfoils...
The coming of age of digital electronics in commercial transports --- emphasizing signal processing technology and Boeing 767 avionics.

Multimode radar processor --- for combat aircraft.

Linearization in the recursive estimation of navigation parameters.

Reconstructed flight control sensor signals via Loenberger observers.

Heading and speed errors for x, y tracking filters.

The FA-6B Weapon Systems trainer.

Correlation-extremal direction finding of extended point sources of electromagnetic oscillations.

Recent results in navigation systems utilizing signal aiding from Navstar satellites.

Application oriented simulation as a tool for the planning of radio beacon systems --- for aircraft communications.

Increasing effectiveness of piloting systems by modern methods of digital signal processing.

Omega navigation system --- signal processing methods.

External radio-navigation --- Russian book.

Guidance law design for tactical weapons with strapdown seekers.

Failure detection in signal processing and sensing in flight control systems.

Microcomputer applications in strapdown heading and attitude reference systems.

Multisensor integration for defensive fire control surveillance.

Quaternion matching in transfer alignment for SAR motion compensation.

Radar signal processing development for application of THI.

High speed radar processing using CMOS/SOS technology.

Feasibility study of GPS-inertial navigation for helicopters and study of advanced GPS signal processing techniques, volume 3.

Modularization of the low speed wind tunnel at Breguet de Velizy: Measuring system modernization --- Minicomputer T X 580A.

Information processing for target detection and identification.

Transform domain processing for digital communication systems using surface acoustic wave devices.

State of the art in digital signal processing with applications to multiple access systems.

Signal reception.

Signal reflection.

Study of RADC Newport antenna test range: Methods of reflection reductions and increased frequency coverage.

Estimate of the noise immunity of a double-FSK modem in communications channels with fading --- for shortwave aircraft communication.

Small signal compensation of magnetic fields resulting from aircraft maneuvers.
SUBJECT INDEX

[AIAA 79-1663] p0568 A79-45330
SPARK IGNITION
The effect of hydrogen addition on ignition delays and flame propagation in spark ignition engines
SPECTRUM
MT ENERGY SPECTRA
MT NOISE SPECTRA
MT POWER SPECTRA
SPECTRAL ANALYSIS
SPECTRAL CORRELATION
Separation of core noise and jet noise
[179-0589] p0272 A79-26941
Direct correlation of noise and flow of a jet using laser doppler
UTIAS-236
p0105 A79-13822
SPECTRAL NOISE
U WHITE NOIS
SPECTRAL SIGNATURES
On the loudness of sonic booms and other impulsive sounds — auditory perception
UTIAS-236
p0205 A79-17658
Effect of transport/aircraft loads spectrum on crack growth
[AD-A069287] p0668 A79-31197
A user's manual for a computer program to generate fatigue spectrum loading sequences
[AD-A069288] p0668 A79-31198
SPECTROGRAMS
Interactional aerodynamics of the single rotor helicopter configuration. Volume I: One-third octave band spectrograms of wake single fil data, basic configuration wake explorations
[AD-A061861] p0482 A79-23331
SPECTROMETERS
MT INFRARED SPECTROMETERS
SPECTROSCOPIC ANALYSIS
MT FLAME SPECTROSCOPY
SPECTROSCOPY
SPECTRAL ANALYSIS
MT FLAME SPECTROSCOPY
U SPIN TESTS
SPIN TESTS
SPINING: A program for determining aircraft equilibrium spin characteristics including stability
The dynamic stability in flight of spinning blunt body projectiles
p0179 A79-15092
SPIN REDUCTION
Application of the equilibrium spin technique to a typical low-wing general aviation design
[AIAA 79-1625] p0566 A79-65307
SPIN STABILIZATION
Pressure measurements on a spinning wind tunnel model by means of telemetry
p0113 A79-17593
Spin flight research summary
[SAP PAPER 790565] p0452 A79-36706
SPEKNO: A program for determining aircraft equilibrium spin characteristics including stability
Systems development of a stall/spin research facility using remotely controlled/augmented aircraft models. Volume I: Systems overview
The application of spanwise blowing for high angle of attack spin recovery
p0144 A79-22004
SPIN TESTS
Effects of a spin chute installation on spin characteristics — of light general aviation aircraft
[SAP PAPER 790956] p0452 A79-36705
The effects of configuration changes on spin and recovery characteristics of a low-wing general aviation research airplane
[AIAA PAPER 79-1786] p0604 A79-47876
Some results from the use of a control augmentation system to study the developed spin of a light plane
[AIAA PAPER 79-1790] p0605 A79-47879
Spin flight data extraction techniques used on a general aviation spin research aircraft
[AIAA PAPER 79-1802] p0606 A79-47887
The Beech Model 77 'Skipper' spin program
[AIAA PAPER 79-1815] p0608 A79-47897
The evolution of the high-angle-of-attack features of the Y-16 flight control system
p0646 A79-50438
Correlation of experimental and theoretical steady-state spinning motion for a current fighter airplane using rotation-balance aerodynamic data
[AD-A058412] p0091 A79-12069
Use of piloted simulation for studies of fighter departure/spin susceptibility
p0225 A79-15999
Radio-controlled model design and testing techniques for stall/spin evaluation of general-aviation aircraft

A-397
SPRINGS (ELASTIC)

Development of linear and non-linear hub springs for two-bladed rotors
p0341 79-31171

STABILITY

NT ACOUSTIC INSTABILITY
NT AEROELASTIC INSTABILITY
NT AIRCRAFT STABILITY
NT ATTITUDE STABILITY
NT BOUNDARY LAYER STABILITY
NT CORROSION STABILITY
NT CONTROL STABILITY
NT DIRECTIONAL STABILITY
NT DYNAMIC STABILITY
NT FLAME STABILITY
NT FLOW STABILITY
NT GEODYNAMIC STABILITY
NT HEATING STABILITY
NT HOVERING STABILITY
NT LOW SPEED STABILITY
NT MOTION STABILITY
NT NOSE STABILITY
NT SHELL STABILITY
NT STORAGE STABILITY
NT STRUCTURAL STABILITY
NT SYSTEMS STABILITY
NT TURBULENT STABILITY

STABILITY AUGMENTATION

Active control --- aircraft systems
p0026 79-12539

Analytical Design of a high performance stability and control augmentation system for a hingeless rotor helicopter
[AR 1401]
p0122 79-18153

A piloted simulator investigation of augmentation systems to improve helicopter Nap-of-the-earth handling qualities
[AHS-78-28]
p0122 79-18155

A velocity vector control system augmented with direct lift control --- stability augmentation using manual control
[ASAM-CDT-12268-1]
p0367 79-20316

Advanced fluidic temperature studies
[AD-4063147]
p0371 79-20388

STABILITY DERIVATIVES

NT PITCHING MOMENTS
NT ROLLING MOMENTS
NT YAWING MOMENTS

Aerodynamic force and moment on oscillating airfoils in cascade
[ASNE PAPER 78-GT-1811]
p0011 79-10812

Determination of the dynamic derivatives of longhisse and side movement with the mobile oscillating derivative balance and systematic studies of the influence of several parameters on the results --- in low speed wind tunnel testing
[AD-4063147]
p0061 79-18073

Stability and pressure measurements in the Naval Surface Weapons Center hypervelocity tunnel
[AD-4063147]
p0074 79-15665

A dynamic calibrating apparatus for cross derivative experiments --- in high performance aircraft design
[AD-4063147]
p0074 79-15665

Method of calculating the longitudinal, lateral, and cross aerodynamic derivatives of an aircraft at subsonic velocities
p0127 79-18385

Lift, moment and pressure distribution on cambered airfoil in generalised sinusoidal flow perturbations
p0138 79-19313

Maximum likelihood identification of aircraft parameters with unsteady aerodynamic modelling
[ASME PAPER 79-0400]
p0127 79-18385

Evaluation of a method to extract performance data from dynamic maneuvers for a jet transport aircraft
p0155 79-20118
## STABILIZATION

- **STABILITY TESTS**
  - WT FLIGHT STABILITY TESTS
    - Design, analysis, and testing of a new generation tail rotor [NASA-TM-72863]
    - A force and moment test of a 1/24-scale F-111 model at Mach numbers from 0.7 to 1.3 [AD-A070192]
  - STABILITY TESTS
    - WT WIND TUNNEL STABILITY TESTS
      - Analysis, and testing of a new generation tail rotor [AMS 79-07]
    - STABILIZATION
      - STABILIZED PLATFORMS
        - E-3a antenna pedestal test stand
          - Considerations on optimal self-alignment of gyrostabilized platforms [NASA-TP-1350]
      - STABILIZED PLATFORMS
        - Air Force Flight Test Center aircraft flight testing
          - Nonlinear parameter identification and its application to transport aircraft [AFPTC parameter identification experience --- Air Force Flight Test Center aircraft flight testing]
          - Oscillatory aerodynamics and stability derivatives for airfoil spoiler motions [AFPTC parameter identification experience --- Air Force Flight Test Center aircraft flight testing]
      - STABILIZERS (FLUID DYNAMICS)
        - Aircraft motion sensitivity to dynamic stability derivatives [AFPTC parameter identification experience --- Air Force Flight Test Center aircraft flight testing]
        - Airplane motion sensitivity to dynamic stability derivatives [AFPTC parameter identification experience --- Air Force Flight Test Center aircraft flight testing]
      - STABILIZED PLATFORMS
        - Considerations on optimal self-alignment of gyrostabilized platforms [NASA-TP-1350]

## STABILITY TESTS

- **STABILITY TESTS**
  - WT FLIGHT STABILITY TESTS
    - Design, analysis, and testing of a new generation tail rotor [NASA-TM-72863]
    - A force and moment test of a 1/24-scale F-111 model at Mach numbers from 0.7 to 1.3 [AD-A070192]
  - STABILITY TESTS
    - WT WIND TUNNEL STABILITY TESTS
      - Analysis, and testing of a new generation tail rotor [AMS 79-07]
    - STABILIZATION
      - STABILIZED PLATFORMS
        - E-3a antenna pedestal test stand
          - Considerations on optimal self-alignment of gyrostabilized platforms [NASA-TP-1350]
      - STABILIZED PLATFORMS
        - Air Force Flight Test Center aircraft flight testing
          - Nonlinear parameter identification and its application to transport aircraft [AFPTC parameter identification experience --- Air Force Flight Test Center aircraft flight testing]
          - Oscillatory aerodynamics and stability derivatives for airfoil spoiler motions [AFPTC parameter identification experience --- Air Force Flight Test Center aircraft flight testing]
      - STABILIZERS (FLUID DYNAMICS)
        - Aircraft motion sensitivity to dynamic stability derivatives [AFPTC parameter identification experience --- Air Force Flight Test Center aircraft flight testing]
        - Airplane motion sensitivity to dynamic stability derivatives [AFPTC parameter identification experience --- Air Force Flight Test Center aircraft flight testing]
      - STABILIZED PLATFORMS
        - Considerations on optimal self-alignment of gyrostabilized platforms [NASA-TP-1350]
STIMULATED EMISSION DEVICES

STORAGE BATTERIES

STORABLE PROPELLANTS

STORAGE

STOL AIRCRAFT

STOKES FLOW

STOCHASTIC PROCESSES

STOCHASTIC RESPONSE Secondary Surveillance Radar

STRAIN DISTRIBUTION

STRAIN ENERGY METHODS

STRAIN SOFTENING

STRAIN (MATERIALS)

STORES

STORES (METEOROLOGY)

STRAIGHT WINGS

STRAND (METEOROLOGY)

STRAIGHT LASERS

STRAIN (MATERIALS)
A new baseline for the inertial navigation strapdown simulator program. Volume 1: Introduction and summary [AD-0462807] p0381 879-21037

A new baseline for the inertial navigation strapdown simulator program. Volume 2: Analytical development [AD-0462808] p0381 879-21038


Error model verification for a three axis laser gyro strapdown inertial measurement unit [AD-0464047] p0419 879-22072

Design and testing of a redundant skewed inertial sensor complex for integrated navigation and flight control p0655 879-30202

STRATOFORTRESS AIRCRAFT

A comparison of temperatures and winds reported by the Concorde SST with data obtained from radiosonde and satellites p0194 879-21991

Monitoring stratospheric winds with Concorde-generated infrasound p0574 879-46225

Aircraft air pollution, volume 3. A bibliography with abstracts [STIS/85-79/0665/6] p0722 879-31650

STRATOTANKER AIRCRAFT

U C-135 AIRCRAFT

STREAMLINE FLOW

U LAMINAR FLOW

STREAMLINED BODIES

U T F A I R I N G S

The supersonic triplet - A new aerodynamic panel singularity with directional properties --- internal wave elimination [AIAA PAPER 79-0273] p0184 879-19636

STREAMLINING

Numerical solution of a linear integral equation of the form of the inverse problem of symmetrical flow past a wing p0019 879-12138

Effect of viscosity on unseparated transonic flow past a profile p0021 879-12205

STREAMS

U NG AS Y S T E M S

STRENGTH OF MATERIALS

U MECHANICAL PROPERTIES

STRESS (PHYSIOLOGY)

STRESS A N A L Y S I S

Method for determining maximum allowable stress for preliminary aircraft wing design p0016 879-11370

The implementation and practical verification of a superposition method for the solution of elastic crack problems p0075 879-15769

Stress-peen straightening of complex machined aircraft parts p0214 879-28254

Large plastic deformation analysis of impulsively loaded curved frames [AIAA 79-0794] p0322 879-29028

Friction damping of resonant stresses in gas turbine engine airfoils [AIAA PAPER 79-GT-109] p0392 879-32384

Improving turbine efficiency --- aerodynamic and stress analyses for gas turbine engines [AIAA PAPER 79-GT-176] p0395 879-32436

On the status of experimental stress analysis of parachute canopies p0404 879-33646

The strainrange partitioning behavior of an advanced gas turbine disk alloy, AP-10A [AIAA PAPER 79-1192] p0468 879-38977

Aircraft engine design using experimental stress analysis techniques [AIAA PAPER 79-1193] p0468 879-38978

STRESS CONCENTRATION

LCF life prediction for a flight-by-flight load sequence of a turbine disc --- Low Cycle Fatigue p0534 879-43600

Service fatigue loads monitoring, simulation, and analysis; Proceedings of the Symposium, Atlanta, Ga., November 14-15, 1977 p0561 879-44051

Flight spectra development for fighter aircraft p0562 879-44059

Flight-by-flight spectrum development --- sequence stress analysis for aircraft structure fatigue p0562 879-44060

Methods of gust spectra prediction for fatigue damage p0563 879-44061

Derivation of flight-by-flight spectra for fighter aircraft --- stress analysis for ground attack p0563 879-44062

Test simulation of fighter aircraft maneuver load spectra p0563 879-44063


Simulated analysis spectrum for joints exposed to complex continuously varying stresses --- aerospace structures [AIAA PAPER 79-1808] p0606 879-47892


Local buckling and crippling of I, Z and channel section struts [NDO-PB-79020] p0090 879-12060

Experimental measurement of parachute canopy stress during inflation [AD-0458474] p0099 879-13011

Structural analysis of hollow bladed: Torsional stress analysis of hollow fan blades for aircraft jet engines [NAL-TR-533] p0241 879-17261

Computerized heat-transfer and stress analysis of wind tunnel metal throat liners p0368 879-20143

Fatigue crack growth analysis p0373 879-20415

Three-dimensional photoelastic stress analysis of the dovetail region of the TF-30 turbine engine's third-stage fan p0384 879-21079

Stresses, vibrations, structural integration and engine integrity (including aeroelasticity and flutter) [AGARD-CP-248] p0551 879-27148

Aircraft engine design using experimental stress analysis techniques p0552 879-27151

Some theoretical and experimental investigations of stresses and vibrations in a reactril l111 rotor p0553 879-27158

Boundary-integral equation analysis of an advanced turbine disk rim slot p0553 879-27161

Technical evaluation report on the 52nd Symposium of the Propulsion and Energetics on Stresses, Vibrations, Structural Integration and Engine Integrity (Including aeroelasticity and flutter) [AGARD-AD-133] p0559 879-28181

Investigation of stress-strain history modeling at stress risers, phase 2 [CA4-A0616] p0658 879-26620

The effects of gust alleviation on fatigue in 2024-T3 Alclad [ASME PAPER 79-GT-306] p0598 879-29544

ATLAS, an integrated structural analysis and design system. Volume 5: System demonstration problems [PHYSIOLOGY] p0676 179-31624

STRESS CONCENTRATIONS

U STRESS ANALYSIS

STRESS CONCENTRATION

Influence of stator vane canting on alternating stress level in turbine rotor blades p0666 879-14848

Overstress testing of helicopter transmissions [AIAA 78-50] p0124 879-18173

Stress intensity factors, for collinear cracks in a stiffened sheet
STRESS-STRAIN RELATIONSHIPS

STRESS RUPTURE STRENGTH

STRESS RELIEVING

STRESS DISTRIBUTION

STRESS CORROSION

STRESS MEASUREMENT

STRESS CORROSION CRACKING

STRESS DISTRIBUTION

STRESS CONCENTRATION

STRESS-CREATION STRAINS

STRESS-DISTRIBUTION

STRESS-RUPTURE STRENGTH

STRESS-STRAIN DIAGRAMS

STRESS-STRAIN DISTRIBUTION

STRESS-STRAIN RELATIONSHIPS

STRESS-STRAIN DIAGRAMS

Cost benefits from improved hot section life prediction technology --- for aircraft engine combustor and turbine parts [AIAA PAPER 79-1154]

LCP life prediction for a flight-by-flight load sequence of a turbine disc --- Low Cycle Fatigue [AIAA PAPER 79-3600]

Investigation of stress-strain history modeling at stress rises, phase 2 [AD-A069162]

STRESSRUPTURE

STRESS RUPTURE STRENGTH

STRESS RELIEVING

STRESS-RELIEVING

STRESS DISTRIBUTION

STRESS CORROSION

STRESS MEASUREMENT

STRESS CORROSION CRACKING

STRESS DISTRIBUTION

STRESS CONCENTRATION

STRESS-CREATION STRAINS

STRESS-DISTRIBUTION

STRESS-RUPTURE STRENGTH

STRESS-STRAIN DIAGRAMS

STRESS-STRAIN DISTRIBUTION

STRESS-STRAIN RELATIONSHIPS

STRESS-STRAIN DIAGRAMS

Cost benefits from improved hot section life prediction technology --- for aircraft engine combustor and turbine parts [AIAA PAPER 79-1154]

LCP life prediction for a flight-by-flight load sequence of a turbine disc --- Low Cycle Fatigue [AIAA PAPER 79-3600]

Investigation of stress-strain history modeling at stress rises, phase 2 [AD-A069162]

STRESSRUPTURE

STRESS RUPTURE STRENGTH

STRESS RELIEVING

STRESS-RELIEVING

STRESS DISTRIBUTION

STRESS CORROSION

STRESS MEASUREMENT

STRESS CORROSION CRACKING

STRESS DISTRIBUTION

STRESS CONCENTRATION

STRESS-CREATION STRAINS

STRESS-DISTRIBUTION

STRESS-RUPTURE STRENGTH

STRESS-STRAIN DIAGRAMS

STRESS-STRAIN DISTRIBUTION

STRESS-STRAIN RELATIONSHIPS

STRESS-STRAIN DIAGRAMS

Cost benefits from improved hot section life prediction technology --- for aircraft engine combustor and turbine parts [AIAA PAPER 79-1154]

LCP life prediction for a flight-by-flight load sequence of a turbine disc --- Low Cycle Fatigue [AIAA PAPER 79-3600]

Investigation of stress-strain history modeling at stress rises, phase 2 [AD-A069162]

STRESSRUPTURE

STRESS RUPTURE STRENGTH

STRESS RELIEVING

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STRESS MEASUREMENT

STRESS CORROSION CRACKING

STRESS DISTRIBUTION

STRESS CONCENTRATION

STRESS-CREATION STRAINS

STRESS-DISTRIBUTION

STRESS-RUPTURE STRENGTH

STRESS-STRAIN DIAGRAMS

STRESS-STRAIN DISTRIBUTION

STRESS-STRAIN RELATIONSHIPS

STRESS-STRAIN DIAGRAMS

Cost benefits from improved hot section life prediction technology --- for aircraft engine combustor and turbine parts [AIAA PAPER 79-1154]

LCP life prediction for a flight-by-flight load sequence of a turbine disc --- Low Cycle Fatigue [AIAA PAPER 79-3600]

Investigation of stress-strain history modeling at stress rises, phase 2 [AD-A069162]
SUBJECT INDEX

Design and testing of two supercritical compressor


A new high product rate 10 nanosecond, 256 point
correlator --- for weapon system applications

and fluid mechanics research p0405 179-34305

Optimization of wing structures to satisfy

strength and frequency requirements p0411 179-35717

Design description of a four-place business jet

using two V6-19 engines [SAREPAPER 7900580] p0453 179-36715

A starter for gas turbine engines p0459 179-36797

The role of three-dimensional flow analysis in the

design of turbomachinery [AIAAPAPER 79-1231] p0470 179-38995

Canadair Challenger --- business jet subsystems

and structural design p0507 179-40313

State of the art in aircraft loads monitoring

p0561 179-44453

Highlights of the C-141 service life monitoring

program p0647 179-44457

Design of advanced titanium structures --- for

Advanced Tactical Systems aircraft fuselage

[CIRA PAPER 79-1005] p0656 179-47890

Composite helicopter tail booms [AMS 79-91] p0627 179-49061

Design and development of a hybrid composite rotor

blade for the circulation control rotor system

[AMS 79-66] p0632 179-49098

Design and development of the Agusta A 109

helicopter p0639 179-49815

Wing center section optimization with stress and

local instability constraints p0694 179-53771

Optimal design of wing structures with

substructuring p0694 179-53773

Formulas for spanwise distribution of lift on

aircraft wings p0694 179-53871

A theoretical investigation of forebody shapes

designed for natural laminar boundary-layer flow

[NASA-TP-1375] p0215 179-15903

Design outline for a new multimatic AIC simulation

facility at NASA-Ames Research Center

p0244 179-17501

Turbomachinery flutter: Introductory concepts

p0307 179-19353

The design and development of high performance

gas turbines p0308 179-19360

Design of multistage compressors with

consideration of the real behavior of gas and

gas mixtures p0309 179-19390

Materials and structural aspects of advanced

gas-turbine helicopter engines [NASA-TP-79100]
p0353 179-20008

Application of numerical optimization to the

design of advanced supercritical airfoils

p0357 179-20049

Inverse boundary-layer technique for airfoil design

p0358 179-20054

Design and calibration of slotted walls for

transonic airfoil wind tunnels p0358 179-20058

Numerical design of shockless airfoils

[NASA-CP-158439] p0359 179-20065

A computer aided design and fabrication system

adapted to the design of three dimensional objects

--- helicopter design p0374 179-20762

DRAFO: A computer aided design and fabrication

system p0374 179-20763

Recent Advances in Structures for Hypersonic

Flight, part 1 --- conferences [NACA-CP-2065-Pt-1]
p0385 179-21422

Hypersonic structures: An aerodynamicist's

perspective, or one man's dream is another man's

nightmare p0385 179-21423

Design problems of small turbomachinery

p0422 179-22097

Calculation and design of closed cycle helium

turbines for high temperature reactors

p0423 179-22098

The design of models and their supports, the Evans

clean-flow tunnel. A review of some of the

various proposals --- the design of high

Reynolds number, transonic wind tunnels

p0459 179-23110

Low-speed single-element airfoil synthesis

p0479 179-23990

Optim tail plane design for small planes

p0479 179-23892

Introduction to the aeroptec arm wing and the

Beltzema effect for positive pitch stability

and control p0480 179-23895

Some new airfoils p0480 179-23896

Design of propellers for motornomers

p0480 179-23903

Substructuring methods for design sensitivity

analysis and structural optimization

[AD-1065935] p0484 179-23929

Fail-safe optimal design of structures with

substructuring [AD-1065936] p0484 179-23950

The application of structural design of

distributed techniques to avionic information

processing architectures p0505 179-25991

A new facility for structural engine testing

p0554 179-27173

Wing design, body design, high lift systems and

flying qualities with introduction p0579 179-28125

Construction problems for high Reynolds number


STRUCTURAL DESIGN CRITERIA

The effects of latest military criteria on the

structural weight of the Hughes advanced attack

helicopter - TAH-64 p0131 179-10904

Impact of operational issues on design of advanced

composite structures for army helicopters

p0131 179-10907

A glance at Soviet helicopter design philosophy

p0131 179-10910

Thermal design of airborne radars - Present and

future p0186 179-11919

Quality index for an iterative process of

optimizing long-range aircraft parameters

p0200 179-12152

A method of solving multicriterial optimization

problems for load-bearing structures --- for

large aspect ratio wings p0200 179-12163

Aircraft manufacturing quality assurance

p0659 179-14868

Investigation of the crash impact characteristics

of composite airframe structures

[AMS 78-51] p0124 179-16174

Progress on the RNSIP approach to improved

structural integrity in gas turbine engines - An

overview --- Engine Structural Integrity Program

[AIAAPAPER 78-84, G1T-13] p0150 179-19800

Failure design/fabrication criteria for supersonic

2V aircraft --- EP-111 p0209 179-24091

Temperature/humidity criteria for advanced

composite structures p0211 179-24131

Integrally cast turbine rotor for high volume

production [SAREPAPER 791000] p0255 179-25883

Damage-tolerance practices applied to transport

aircraft structures [SAREPAPER 791021] p0256 179-25896

Fracture mechanics and fail-safe design for

helicopter rotor structures p0273 179-26866

Accelerated basic loads analysis --- improved

computer systems programming approach for aircraft

structural analysis [AIAA 79-0737] p0324 179-29051
SUBJECT INDEX

SUBSONIC FLOW

Experimental evaluation of the effect of inlet distortion on compressor blade vibrations
[SAE PAPER 79-0476] p0135 A79-24883

The time-variant aerodynamic response of a stator row including the effects of airflow camber
[ASME PAPER 79-GT-110] p0320 A79-32283

Model verification of force determination for measuring vibratory loads -- of rotors on helicopters
p0450 A79-36379

An experimental study of propeller-induced structural vibration and interior noise
[SAP PAPER 760625] p0080 A79-29419

An approach for estimating vibration characteristics of nonuniform rotor blades
p0639 A79-49718

INAC! Interactive test data analysis --- with minicomputers
p0345 A79-50430

Effect of structural parameters on the flap-lag response of a rotor blade in forward flight
[AD-A050331] p0159 A79-14036

The evaluation of the weight of engines on transport aircraft
[NASA-TP-79-2221] p0599 A79-29938

STRENGTH

Noise from struts and splitters in turboprop exit ducts
[IAEA PAPER 79-0637] p0270 A79-26923

Local buckling and crippling of Y, Z and channel section struts
[ESPD-76020] p0090 A79-12060

LOCKING REDUNDANT LINE

Thermechanical analysis of a scramjet fuel-injection strut
p0360 A79-21627

Investigations of interference effects in a wind tunnel caused by a model support strut on a reflection plane mounted half model
[FFA-PAPER-80-1035] p0528 A79-27109

SUBCIRCUITS

SUBLATLICES (MATHEMATICS)

SUBMERGED BODIES

Helicopter underwater escape trainer (905)

SUBSONIC AIRCRAFT

Propulsion cycle and configuration commonality considerations for subsonic V/STOL design
[ASME PAPER 79-GT-68] p0007 A79-10764

Development of an inlet for a tilt nacelle subsonic V/STOL aircraft
[ASME PAPER 79-GT-121] p0009 A79-10789

A parachute that goes up --- lift-devices for subsonic and transonic deliveries and recoveries
[COMP-770121-1] p0067 A79-14031

Positive tail loads for minimum induced drag of subsonic aircraft
p0080 A79-16949

Technology for future air transports
[ATIA PAPER 77-0529] p0253 A79-25853

Development of modern airfoil sections for high-speed airfoil cruise speeds
[ATIA 79-0687] p0275 A79-27353

Structural aluminium materials for the 1980s
[ATIA 79-0755] p0282 A79-28270

Aerodynamic design of the Prop Fan
[ATIA PAPER 79-0610] p0317 A79-28960

Propulsion system considerations for the subsonic V/STOL
[ASME PAPER 79-GT-57] p0398 A79-12934

Advanced low-emission catalytic combustor program at Pratt and Whitney
p0977 A79-25012

High Reynolds Number Subsonic Aerodynamics
[VEI-LECTURE-SERIES-16] p0579 A79-28119

Advantages and problems of large subsonic aircraft
p0579 A79-28120

SUBSONIC FLOW

Calculation of effect of viscosity on nonseparated subsonic flow past a wing with flap
p0222 A79-12290

Unsteady subsonic and supersonic potential aerodynamics for complex configurations
[ATIA 79-12366] p0233 A79-12366

Noise and vibration problems: Outline notes
p0579 A79-28124

Aerodynamic field induced by a jet penetrating a cross flow at subsonic velocities
[CNRS, TP No. 1978-81] p0060 A79-13991

Influence of the pitch/chord ratio of a subsonic cascade of turbine blades
p0083 A79-16792

On the noise emitted by cold subsonic coaxial jets
[AIAA 79-17767] p0117 A79-17767

A numerical study of jet entrainment effects on the subsonic flow over nozzle afterbodies
[ASME PAPER 79-0135] p0142 A79-19556

Subsonic and transonic similarity rules for jet-flapped wings
[IAERI PAPER 79-563] p0146 A79-19678

Effect of spanwise blowing in the angle-of-attack regime alpha equals 0 plus 90 deg
[CNRS, TP No. 1978-80] p0152 A79-20083

Propeller slipstream wing interactions at Mach no. 0.8
[SAE PAPER 760997] p0255 A79-25881

Flight effects on subsonic jet noise
[ATIA PAPER 79-0616] p0317 A79-28961

Applications of Laplace transform methods to supersonic motion and stability calculations
[ATIA 79-0772] p0324 A79-29050

On the design of thin subsonic airfoils
p0324 A79-29052

Blade-to-blade pressure, temperature, and velocity profiles downstream of a single rotor row at high subsonic speed
[ATIA 79-7033] p0331 A79-29419

The finite element method for turbomachinery analysis -- subsonic compressible flow
p0335 A79-29840

An approach to optimum subsonic inlet design
[ASME PAPER 79-GT-51] p0341 A79-30527

Subsonic base pressure fluctuations
p0342 A79-30610

A calculation procedure for three-dimensional, time-dependent, inviscid, compressible flow through turbine blades of any geometry
SUBSONIC SPEED

The computation of vortex flows about lifting rotor blades
[AAIA PAPER 79-1527]

Trailing-edge flows at high Reynolds number
[AAIA PAPER 79-1530]

Subsonic flow past an oscillating cascade withfinite mean flow deflection
[AAIA PAPER 79-1516]

Peak Strouhal frequency of subsonic jet noise as a function of Reynolds number
[p0365 A79-31247]

A finite element approach to subsonic aerodynamics
[p0411 A79-35777]

Experimental investigation of the aerodynamic drag of simple bodies in two-phase flow
[p0259 A79-43172]

Experiments on an aerofoil at high angle of incidence in longitudinal oscillations
[p0259 A79-43223]

Aerodynamics of airfoils with porous trailing edges
[p0335 A79-47170]

Computation of subsonic and transonic flow about lifting rotor blades
[AAAIA PAPER 79-78577]

Trailing-edge flows at high Reynolds number
[AAIA PAPER 79-1503]

Subsonic flow past an oscillating cascade with finite mean flow deflection
[AAIA PAPER 79-1516]

Peak Strouhal frequency of subsonic jet noise as a function of Reynolds number
[p0576 A79-46704]

Effect of interblade phase angle and incidence angle on cascade pitching stability
[AAIA PAPER 79-1503]

Effects of wing leading-edge flap deflections on subsonic longitudinal aerodynamic characteristics of a wing-jet configuration with a 44 deg swept wing
[AAIA PAPER 79-1535]

SUBSONIC FLUTTER

Numerical comparisons of panel methods at subsonic and supersonic speeds
[AAIA PAPER 79-0404]

Simplified calculation method for subsonic airloads on wing-body combinations
[p0153 A79-20088]

The estimation of lateral-directional aerodynamic derivatives at subsonic speeds
[p0215 N79-15909]

A review of methods for obtaining longitudinal aerodynamic derivatives
[p0215 N79-15910]

Possibilities for scale effect on swept wings at high subsonic speeds. Recent evidence from pressure plotting tests
[p0507 A79-20020]

Engine performance considerations for the large subsonic transport
[p0551 N79-27139]

The effect of canard relative size and location on the subsonic longitudinal and lateral-directional static aerodynamic characteristics for a model with a swept forward wing --- in the Langley T10 ft high speed tunnel
[AAIA PAPER 79-78739]

Flow visualization studies of a general research fighter model employing a strake-wing concept at subsonic speeds --- in the Langley high speed 7-by 10-ft wind tunnel
[p0580 N79-28138]

A program to compute three-dimensional subsonic unsteady aerodynamic characteristics using the doublet lattice method, L216 (DUBPLEL). Volume 1: Engineering and usage
[p0702 N79-32163]

Longitudinal aerodynamic characteristics of a vectored-engine-over-wing configuration at subsonic speeds --- Langley V/STOL tunnel tests
[p0712 N79-23164]

Study of the application of hydrogen fuel to long-range subsonic transport aircraft. Volume 1: Summary
[AAIA PAPER 79-15358]

Accelerated development and flight evaluation of active controls concepts for subsonic transport aircraft
[p0717 N79-33207]

SUBSONIC WIND TUNNELS

A general correction method of the interference in 2-dimensional wind tunnels with ventilated walls
[p0012 A79-10067]

Measurement of heat transfer and forces on very high temperature models in a closed subsonic wind tunnel
[p0114 A79-17594]

Computation of aerodynamic interference effects on oscillating airfoils with controls in ventilated subsonic wind tunnels
[AAIA PAPER 79-0366]

Aerodynamical test facilities capabilities and use
[p0146 A79-19679]

A review of methods for obtaining longitudinal aerodynamic derivatives
[p0154 A79-20111]

The pressurized subsonic wind tunnel, P1, at ONERA's Fauga-Nauzac Center
[ONERA, TP NO. 1978-511]

ONERA wind tunnels --- Fauga pressurized subsonic and CEPF transonic induction operational facilities
[p0155 A79-20112]

A visual investigation of the separation and subsequent transition near the leading edge of airfoils
[AAIA PAPER 79-0552]

The new European subsonic aerodynamic testing facilities --- aircraft wind tunnels
[ONERA, TP NO. 1979-97]

Numerical comparisons of panel methods at subsonic and supersonic speeds
[AAIA PAPER 79-0404]

On the aerodynamics of hypersonic cruise vehicles at off-design conditions
[p0153 A79-20088]

The estimation of lateral-directional aerodynamic derivatives at subsonic speeds
[p0215 N79-15909]

A review of methods for obtaining longitudinal aerodynamic derivatives
[p0215 N79-15910]

Possibilities for scale effect on swept wings at high subsonic speeds. Recent evidence from pressure plotting tests
[p0507 A79-20020]

Engine performance considerations for the large subsonic transport
[p0551 N79-27139]
SUPERHIGH FREQUENCIES

Progress in transonic flow computations analysis and design methods for three-dimensional flows --- supercritical wings and wing-body combinations

In-flight three-dimensional boundary layer and wake measurements from a swept supercritical wing

Application of numerical optimization to the design of advanced supercritical airfoils

Simulated propeller slipstream effects on a supercritical wing (NASA-CP-152138)

An artificial viscosity method for the design of supercritical airfoils (NASA-CP-150842)

Aerodynamic data for three supercritical airfoils: RAE(NPL) 9515 and 9530, and RAE 9550. Parts 1 and 2

Flight determined lift and drag characteristics of an F-102 airplane modified with a supercritical wing with comparison to wind-tunnel results (NASA-TM-X-3250)

SUPERHIGH FREQUENCIES

Precision DF at L-band using phase-coded transmission

Modeling of the L-band radar augmentation system of a high altitude supersonic target

Analysis of an FY/CW range measurement system for VTOL landing

Combined L/Ka-band tracking radar

SUPERHYBRID MATERIALS

GT GRAPHITE-EPOXY COMPOSITE MATERIALS

SUPERPOSITION (MATHEMATICS)

SUPERIMPOSITION (MATHEMATICS)

SUPERPLASTICITY

Superplastic forming/diffusion bonding technology in the NASA/Convair XART program --- Built-up Low-cost Advanced Titanium Structures for Y-15

Design and fabrication of advanced titanium structures [AIAA 79-0757]

Superplastic forming/diffusion bonding of titanium helicopter airframe components [AHS 79-33]

Study of the application of superplastically forged and diffusion bonded (SPP/DC) titanium structure to linear flow control (LFC) wing design (NASA-CR-159979)

Concurrent superplastic forming/diffusion bonding of B-1 components

Fabrication of titanium at high temperatures

SUPERPOSITION (MATHEMATICS)

The implementation and practical verification of a superposition method for the solution of elastic crack problems

SUPERPRESSURE BALLOONS

The ATMSAT Program 1975-78 --- manned superpressure balloon flights for atmospheric monitoring [AIAA 75-1608]

SUPERSONIC AIRCRAFT

NT VABAGE 3 AIRCRAFT

NT SUPERSONIC TRANSPORTS

NT F-38 AIRCRAFT

Calculation of the transient aerodynamic characteristics of a supersonic vehicle

A parachute that goes up --- lift-devices for subsonic and transonic deliveries and recoveries [COMP-771215-1]

Advances in supersonic configuration design methods [AIAA PAPER 79-0233]

Research and development in the area of fluid mechanics and aerodynamics in the Federal Republic of Germany [DGLR PAPER 78-223]

Impact of cruise speed on productivity of supersonic transports [AIAA PAPER 79-0231]

Development and flight test evaluation of fuel tank seals for Mach 3+ aircraft

Some effects of applying sonic boom minimization to transonic cruise aircraft design [AIAA PAPER 79-0652]

Transonic wing design for transport aircraft [AIAA PAPER 79-2735]

Supersonic combat aircraft design [AIAA 79-0699]

Structural aluminum materials for the 1980's [AIAA PAPER 79-0755]

Fuel tank sealant requirements for advance high performance aircraft [AIAA 79-0807]

Method of determining precipitates formed during use and storage of synthetic oils --- for supersonic aircraft gas turbine engines

Aerodynamics of engine air intakes

Fabrication research for supersonic cruise aircraft --- TF-12 skin structures

Wave propagation associated with wings --- three dimensional unsteady flow analysis for supersonic aircraft

Opportunities for supersonic performance gains through non-linear aerodynamics [AIAA PAPER 79-1527]

Technique for developing design tools from the analysis methods of computational aerodynamics [AIAA PAPER 79-1529]

Historical development of worldwide supersonic aircraft [AIAA PAPER 79-1815]

Application of singular perturbation techniques /SP/ to continuation methods for on-line aircraft trajectory optimization

Impact of noise generated by supersonic transports on the environment

Nozzle design and integration in an advanced supersonic fighter [AIAA PAPER 79-1813]

Preliminary study of optimum ducting turbofan engine cycle design parameters for supersonic cruising [NASA-TM-79-70047]

An analytic theory of supersonic/hypersonic stability at high angles of attack

Transonic airfoil codes

Flight test techniques for a transonic aircraft

High angle of incidence implications upon air intake design and location for supersonic cruise aircraft and highly maneuverable transonic aircraft

Surface pressure data for a supersonic-cruise airplane configuration at Mach numbers of 2.30, 2.96, 3.30 [NASA-TR-80061]

SUPERSONIC AIRFOILS

Design study results of a supersonic cruise fighter wing [AIAA PAPER 79-0062]

A-412
The supersonic triplet - A new aerodynamic panel singularity with directional properties -- internal wave elimination  
[AIAA PAPER 79-0273] p0148 A79-19636
Effects of turbulence model selection on the prediction of complex aerodynamic flows  
[AIAA PAPER 79-0070] p0201 A79-23541
Some features of the unsteady pressure field in transonic airfoil buffeting  
[AIAA PAPER 79-0351] p0201 A79-23550
Design of supercritical airfoils by numerical optimization  
[AD-A066189] p0569 A79-54473
General purpose computer program for interacting supersonic configurations. User's manual --- determining unsteady aerodynamic forces  
An off design shock capturing finite difference approach for caret waverider configurations  
[AD-A066819] p0569 A79-20156
SUPERSONIC BOUNDARY LAYERS
The flow past a supersonic trailing edge in transonic turbine cascades  
[REINFED PAPER 79-0028] p0158 A79-32670
Radiating laminar boundary layer flow over a flat plate at a large free-stream Mach number  
[W79-1299] p0258 A79-29289
Adverse pressure gradients effects on supersonic boundary layer turbulence  
[AIAA PAPER 79-1567] p0577 A79-66730
Lee side flow field over slender delta wings of finite thickness  
[ILL-23] p0548 A79-27103
SUPERSONIC COMBUSTION
Critical influence of finite rate chemistry and unmixedness on ignition and combustion of supersonic H2-air streams  
[AIAA PAPER 79-0355] p0186 A79-19686
Ignition of liquid fuel jets in a supersonic air stream  
[AIAA PAPER 79-1230] p0180 A79-38997
Validation of scramjet exhaust simulation technique at Mach 6  
[NASA-CR-3003] p0363 W79-20104
Structures for hypersonic airbreathing tactical missiles  
[NASA-R-23] p0548 A79-27103
SUPERSONIC COMBUSTION BAJET ENGINES
Initial wind tunnel tests at Mach 4 and 7 of a hydrogen-burning, airframe-integrated scramjet  
[AIAA PAPER 79-0435] p0186 A79-19686
Autoignition of hydrogen injected transverse to a supersonic airstream  
[AIAA PAPER 79-1230] p0180 A79-38997
Numerical investigation of the perpendicular injector flow field in a hydrogen fueled scramjet  
[AIAA PAPER 79-1145] p0378 A79-16686
Characterization of a swept-reat hydrogen fuel-injector for scramjet applications  
[AD-A054940] p0363 A79-93945
Combustor modelling for scramjet engines  
[AD-A069170] p0689 A79-52675
Thermal-structural design study of an airframe-integrated scramjet  
Airframe-integrated propulsion system for hypersonic cruise vehicles  
[AIAA PAPER 79-1239] p0330 A79-39413
Design and analysis of a scramjet engine --- regenerative cooled and airframe-integrated  
[AD-A051986] p0385 W79-21424
Thermostructural analysis of a scramjet  
[AIAA PAPER 79-1152] p0378 A79-16685
Fuel-injection strut  
[AIAA PAPER 79-1152] p0378 A79-16686
Advanced fabrication techniques for cooled engine structures  
[AIAA PAPER 79-1230] p0385 W79-21426
Thermal-structured design study of an airframe-integrated scramjet  
SUPERSONIC COMPRESSORS
Supersonic uninstalled flutter  
[AIAA PAPER 79-0043] p0027 A79-12549
Three-dimensional shock structures for transonic/supersonic compressor rotors  
[AIAA PAPER 79-0043] p0139 A79-19496
To the problem of starting and airfoil-shape optimization of the supersonic compressor cascade  
[AD-A066819] p0185 A79-20566
Design and testing of two supercritical compressor cascades  
[AIAA PAPER 79-0711] p0390 A79-32330
SUPERSONIC CRUISE AIRCRAFT RESEARCH
Propagation integration of a supersonic cruise strike-fighter  
[AIAA PAPER 79-0100] p0201 A79-23531
Advanced supersonic technology and its implications for the future  
[AIAA PAPER 79-0694] p0276 A79-23759
Twint jet noise shielding for a supersonic cruise vehicle  
[AIAA PAPER 79-0670] p0318 A79-28971
Inlet design studies for a Mach 2.2 advanced supersonic cruise vehicle  
[AIAA PAPER 79-1846] p0689 A79-51247
Theoretical evaluation of high-speed aerodynamics for arrow-wing configurations  
[NASA-TP-1356] p0150 W79-14023
Aerodynamic characteristics of a supersonic cruise airplane configuration at Mach numbers of 2.1, 2.3, and 3.0 --- Langley Unitary Plan wind tunnel test  
[NASA-TH-7892] p0158 W79-14025
Fluctuating loads measured on an over-the-wing supersonic jet model  
[NASA-TP-1366] p0226 W79-16641
Fabrication and evaluation of advanced titanium structural panels for supersonic cruise aircraft  
Preliminary noise tradeoff study of a Mach 2.7 cruise aircraft  
Noise and performance calibration study of a Mach 2.2 supersonic cruise aircraft  
[NASA-TH-80043] p0389 W79-2-1869
Jet noise and performance comparison study of a Mach 2.55 supersonic cruise aircraft  
[NASA-G-0094] p0589 W79-28992
A computer program for detailed analysis of the takeoff and approach performance capabilities of transport category aircraft  
[NASA-TH-80120] p0589 W79-28914
Effect of outward vertical-fin position and orientation on the low-speed aerodynamic performance of highly swept wings --- supersonic cruise aircraft research  
[NASA-TH-80142] p0701 A79-32158
SUPERSONIC DIFFUSERS
The flow at the inlet and in the throat region of dry supercritical air intake  
[AD-A062151] p0190 A79-21420
Ejector optimization  
[AD-A061251] p0190 A79-21420
SUPERSONIC DRAG
Improved wave drag predictions using modified linear theory  
[AIAA PAPER 79-21523] p0151 A79-21523
Method for studying experimentally the aerodynamic interference of small secondary structures with a lifting surface  
[AD-A051986] p0389 W79-29096
Wing geometry effects on leading-edge vortices  
[AIAA PAPER 79-1872] p0635 A79-49341
SUPERSONIC FLIGHT
Overall aerodynamic characteristics of conical and delta wings at supersonic speeds  
[AIAA PAPER 79-0220] p0148 A79-19666
Unconstrained supersonic cruise and maneuvering configuration concepts --- for long range air-ground and air-air missiles  
[AIAA PAPER 79-0043] p0139 A79-19496
On the aerodynamics of hypersonic cruise vehicles at off-design conditions  
[NASA-CE-31411] p0717 A79-33209
A model of external burning propulsion  
[AIAA PAPER 79-0356] p0201 A79-23549
Modeling the X-band radar augmentation system of a high altitude supersonic target  
[AD-A051986] p0148 A79-19666
On the aerodynamics of hypersonic cruise vehicles at off-design conditions  
[AIAA PAPER 79-0356] p0201 A79-23549
F-16 high angle of attack testing  
[AD-A051986] p0148 A79-19666
Comparison of ETES and TIE characteristics in supersonic cruising flight --- Bypass Turbojet Engine  
[AIAA PAPER 79-27740] p0148 A79-27740
Overall aerodynamic characteristics of caret and delta wings at supersonic speeds  
[AD-A051986] p0148 A79-27740

A-413
SUPERSONIC FLOW

Calculation of the pressure distribution over a slender wing in supersonic flow
(p0687 A79-52147)

Design demonstration of a system for routine, boomless supersonic flights
(PAM-8A-77-72)
(p0231 A79-16828)

Analysis of base flow problems during powered supersonic flight
(p0301 A79-19262)

SUPERSONIC FLOW

Regimes of supersonic flow past thin wings
(p0021 A79-12188)

Calculation of flow past conical bodies with supersonic leading edges
(p0022 A79-12227)

Unsteady subsonic and supersonic potential aerodynamics for complex configurations
(p0023 A79-12366)

Density changes and turbulence production in the expansion or compression of a turbulent flow at supersonic speed
(OH, DA, TP 1978-153)
(p0053 A79-13180)

Optimum two-dimensional wings in supersonic flows
(p0064 A79-16200)

Calculation of supersonic flow past wings with consideration of tangential discontinuities shed from the edges within the scope of a model using a system of Euler equations
(p0079 A79-16372)

Computation of three-dimensional turbulent separated flows at supersonic speeds
([AIAA PAPER 79-0002])
(p0138 A79-19471)

High speed smoke flow visualization for the determination of cascade shock losses
([AIAA PAPER 79-0350])
(p0147 A79-19700)

Effect of injection angle on liquid injection in supersonic flow --- for increasing fuel jet penetration
([AIA PAPER 79-0363])
(p0147 A79-19700)

Numerical study of the supersonic flow around wings
([AIAA PAPER 79-19700])
(p017 A79-20701)

Influence of the transverse curvature of the lower surface on the conical supersonic flow field on a delta vehicle
(p0191 A79-21615)

Experimental study on flow in a supersonic centrifugal impeller
([ASNE PAPER 78-07-2])
(p0195 A79-22327)

Computation of supersonic viscous flows over ogive-cylinders at angle of attack
([AIAA PAPER 79-0131])
(p0200 A79-23517)

Investigation of cross flow shocks on delta wings in supersonic flow
([AIAA PAPER 79-0365])
(p0202 A79-23551)

Influence of fundamental parameters on the supersonic base flow problem in presence of an exhaust jet
([AIAA PAPER 79-0133])
(p0204 A79-23578)

Laminar boundary layer with foreign gas injection on a conical body
(p0274 A79-27203)

Attached shock regime at the edges of a conical wing
(p0316 A79-28835)

A refined prediction method for supersonic unsteady aerodynamics with ACT partition scheme --- Aerodynamic Influence Coefficient
([AIAA 79-0770])
(p0321 A79-29023)

Shock waves around bodies travelling at slightly greater than sonic speed
(p0333 A79-29659)

Facility for studying the action of unsteady supersonic gas streams on the blades of a plane cascade
(p034 A79-31143)

Analog simulation and its defining similarity: criteria in the analysis of supersonic flows past wings
(p0348 A79-32032)

Time-variant aerodynamics of oscillating airfoil surfaces in a supersonic flowfield
(p0406 A79-38531)

Numerical solution for supersonic flow near the trailing edge of a flat plate
(p0514 A79-41771)

The amplification factor in the two-dimensional interaction between a transverse sonic jet and a supersonic jet
(p0526 A79-42565)

Region of a plane pointed profile in supersonic flow
(p0528 A79-43136)

Deformation of a shell under the influence of a supersonic gas flow
(p0529 A79-43174)

A two-dimensional unsteady Euler-equation solver for flow regions with arbitrary boundaries
([AIAA 79-1965])
(p0565 A79-45269)

Numerical solution of the problem of unsteady supersonic flow around the front part of the wings with a detached shock wave
(p0636 A79-49456)

Comment on 'active flutter control using generalized unsteady aerodynamic theory'
(AIAA PAPER 79-0060)
(p0780 A79-49873)

Analog modeling in studying supersonic flow around a wing and its governing analog-criteria
(p0795 A79-58036)

An improved supersonic, three-dimensional, external, inviscid flow field code
([NASA-CR-3106])
(p0286 A79-17807)

Interaction of the supersonic flow below a wing and a supersonic free jet (two-dimensional situation)
([TPR-IR-268])
(p0288 A79-17819)

Calculation of supersonic viscous flow over delta wings with sharp subsonic leading edges
(p0300 A79-18909)

Fluid mechanical refracting gas prism and aerodynamics of S - beam sustained charge in supersonic flow, both applicable to laser technology
([AD-A062390])
(p0371 A79-20378)

Viscous-inviscid flow matching: Numerical method and applications to two-dimensional, transonic and supersonic flows
(p0376 A79-20977)

Bumblebee program. Aerodynamic data. Part 1: Supersonic flow field, pressure field, and panel load data for validation of computational methods
([NASA-CR-3114])
(p0378 A79-21009)

The generation, radiation and prediction of supersonic jet noise. Volume 2, appendix D: Computer program listing
([AD-A0664685])
(p0428 A79-22854)

The influence of two supersonic jets at the trailing edge of transonic turbine blades
(p0435 A79-23426)

Theory of thin wing in a supersonic flow with consideration of the non-equilibrium state of excitation of oscillating degrees of freedom
([AD-A065992])
(p0482 A79-23928)

Supersonic flow in the area of antisymmetric thin cruciform wings with supersonic leading edges in a horizontal plane, with consideration of flow separation on the edges
([AD-A065993])
(p0482 A79-23929)

Supersonic flow past conical bodies with nearly circular cross sections
([AD-A068004])
(p0538 A79-26027)

Aeropropulsion systems test facility: calibrator test in tunnel A
([AD-A068797])
(p0556 A79-27189)

An aerodynamic analysis of deformed wings in subsonic and supersonic flow
([AD-A067586])
(p0581 A79-28149)

SUPERSONIC FLOW INLETS

SUPERSONIC FLOW SLOTS

Supersonic flowwake
(p0003 A79-05953)

Effect of intake conditions on supersonic flow in a transonic engine
([AIAA PAPER 79-0044])
(p0139 A79-19497)

Unsteady flows --- subsonic and supersonic aerelasticity oscillating airfoils and displacement bodies
([DG1R PAPER 78-222])
(p0183 A79-20480)

An analysis of aerodynamic fan flutter using twin-orthogonal vibration nodes
([ASNE PAPER 79-07-126])
(p0339 A79-32395)

Mathematical model of the oscillatory cycle associated with nonsteady interaction of a supersonic jet with a barrier
(p0516 A79-42007)

Superasonic uninstalled flutter --- aerodynamic loading of this airfoils induced by cascade motion
(p0516 A79-42007)
SUBJECT INDEX

SUPERSONIC INLETS
Analysis of supersonic stall bending flutter in axial-flow compressor by actuator disk theory [NASA-TP-13451] p0093 N79-13003
The effect of intake conditions on supersonic flutter in turbofan engines p0555 N79-27175
The unsteady aerodynamics of a cascade in translation Supersonic unstalled flutter p0555 N79-27180

SUPERSONIC JET FLOW
Design of two-dimensional external compression supersonic inlets p0667 N79-14517
Calculation of the three-dimensional flow field in supersonic inlets at angle of attack using a characteristic method with discrete shock wave fitting [AIAA PAPER 79-0375] p0147 N79-19698
Diffusers for supersonic intakes - the dependence of conical diffuser performance on inlet flow conditions [AIAA 79-7027] p0329 N79-23939
Effect of cooling of the central body on startup, separation of the flow at the intake and the throttling characteristics of air scoops at supersonic and hypersonic velocities p0688 N79-52438
Interference of vortexes with shocks in air scoops - Dissipation of vortexes p0688 N79-52445
A computer program for the calculation of the flow field in supersonic mixed-compression inlets at angle of attack using the three-dimensional method of characteristics with discrete shock wave fitting [NASA-TM-78947] p0033 N79-10023
A throat-bypass stability-bleed system using relief valves to increase the transient stability of a mixed-compression inlet --- TP-12 aircraft inlet tests in the Lewis 10 by 10 ft supersonic wind tunnel [NASA-TP-1083] p0583 N79-28176

SUPERSONIC NOZZLES
Determination of ejector nozzle starting parameters p0088 N79-18847
Convective heat exchange of gas-particle streams in flow passage of throttling device with vane-type turning element p0280 N79-27742

SUPERSONIC SPEEDS
Supersonic propeller noise in a uniform flow [AIAA PAPER 79-0348] p0146 N79-19681
Numerical comparisons of panel methods at subsonic and supersonic speeds [AIAA PAPER 79-0404] p0148 N79-19713
Computer calculation of aerodynamic characteristics of aircraft at supersonic velocities p0191 N79-21634
High-performance wings with significant leading-edge thrust at supersonic speeds [AIAA PAPER 79-1871] p0610 N79-47924
Transonic/supersonic longitudinal aerodynamic derivatives - prediction methods in aircraft design p0215 N79-15911
Transonic/supersonic lateral aerodynamic derivatives - stability and control estimates for aircraft design p0216 N79-15913
An experimental wind-tunnel investigation of a ram-air-spooler roll-control device on a forward-control missile at supersonic speeds [NASA-TP-1353] p0287 N79-17809

SUPERSONIC TRANSPORTS
Analysis of supersonic stall bending flutter in axial-flow compressor by actuator disk theory [NASA-TP-13451] p0093 N79-13003

SUPERSONICS
The effect of intake conditions on supersonic flow [NASA-TP-13451] p0093 N79-13003
The unsteady aerodynamics of a cascade in translation Supersonic unstalled flutter p0555 N79-27180

SUPERSONIC WAKES
An extension to the method of Garabedian and Korn for the calculation of supersonic flow past an aerfoil to include the effects of a boundary layer [ARC-R-60382] p0203 N79-23570
Shock boundary layer interaction on high turning transonic turbine cascades [ASME PAPER 79-0231] p0270 N79-26920
The flow past a supersonic trailing edge in transonic turbine cascades p0398 N79-23760
The flow through low cambered transonic turbine cascades p0421 N79-22089

SUPERSONIC WIND TUNNELS
The 1-4-1 system of jack movements for the flexible liners of supersonic wind tunnels p0261 N79-26594
Low-turbulence high-speed wind tunnel for the determination of cascade shock losses [ASME PAPER 79-GT-129] p0394 N79-32398
An exploratory investigation of quasi-free flying models in a supersonic short-duration wind tunnel p0412 N79-35925
Computerized heat-transfer and stress analysis of wind tunnel metal throat liners [AD-603151] p0368 N79-20143
Wind tunnel [NASA-CASE-LAB-10135-1] p0384 N79-21083

SUPERSONICS
Transformation of coordinates associated with linearized supersonic motions p0156 N79-20206

A-415
SUPPLEMENT

Improved wave drag predictions using modified linear theory
The determination of parameters of a chemically active magnetogasdynamic medium in the proximity of a wave. II
Sirs: transport vis-a-vis energy savings
The logistics of life cycle cost --- in operations and support systems for fighter aircraft

Supports

Surface distortion descriptors
Surface discontinuity on step-backward flow

Surface Cooling

Acoustic effects of surface cooling-flow injection on transonic flows fields

Surface Defects

Stress-intensity factors for a wide range of semi-elliptical surface cracks in finite-thickness plates

Surface Effects Ships

Performance predictions for open ocean air cushion vehicles and surface effect ships

Surface Finishing

Aircraft manufacturing quality assurance
The comparative evaluation of prebend surface treatments for titanium --- military aircraft structures
An automated system for phosphoric acid anodizing of aluminum alloys
X-ray determination of internal stress states due to surface treatment of TiAl6V4 and TiAl6V6Sn2
Use of coatings in turbomachinery gas path seals
Surface finishing --- adhesive bonding of plastic films to metal airfoils surfaces

Surface Geometry

Application of an interactive graphics system for the design and optimization of aircraft lifting surfaces
Numerical comparisons of panel methods at subsonic and supersonic speeds
Three-dimensional lifting-surface theory for an annular blade row
Numerical representation of aircraft geometry
Effects of upper surface modification on the aerodynamic characteristics of the NASA 63 sub 2-215 airfoil section
Vortex pattern development on the upper surface of a swept wing at high angle of attack

Surface Interaction

On surface reactions to surface treatment of TiA16V8 and TiA16V6Sn2 in influence of surface treatments on the behaviour of bonded joints

SURFACE REACTIONS
Lifting-line theory of chilique wings p0060 A79-13988

SURFACE ROUGHNESS
Surface deformations as a runway design criterion p0151 A79-20049
Experimental and analytical investigation of the effects of Reynolds number and blade surface roughness on multistage axial flow compressors [ASME PAPER 79-GT-2] p0339 A79-30501
The effect of disturbance on a wing p0479 N79-23693

SURFACE ROUGHNESS EFFECTS
The influence of the leading surface roughness on the aerodynamic behavior and characteristics of an axial compressor [ASME PAPER 79-GT-102] p0392 A79-32378

SURFACE TEMPERATURE
NT SKIN TEMPERATURE (NON-BICLOGICAL) p0217 N79-15079
NT SURFACE EFFECT SHIPS p0242 N79-17304
NT ROTOR VEHICLES p0260 N79-17123
NT ELECTRIC MOTOR VEHICLES p0486 N79-48666

SURFACE WAVES
A slender delta wing oscillating in surface waves [V73-LB-257] p0280 N79-17818

SURFACES
Construction of an initial approximation for the solution of the integral equation of a lifting surface p0047 A79-35298

SURGES
Properties of induced transients associated with EM fields produced by lightning or other relatively slow rise-time EMP --- in aircraft p0249 A79-25322
Surge-induced structural loads in gas turbine engines [ASME PAPER 79-GT-91] p0392 A79-32368

SURVEILLANCE
NT SPACE SURVEILLANCE (SPACEBORNE)
A technical update on satellites for aircraft communication and surveillance p0077 A79-16169

SURVEYING
CT Vehicle design and performance objectives --- crash fire rescue p0041 A79-33612

SURFACES WAVES
A slender delta wing oscillating in surface waves [V73-LB-257] p0280 N79-17818

SURFACES
Construction of an initial approximation for the solution of the integral equation of a lifting surface p0047 A79-35298

SURGES
Properties of induced transients associated with EM fields produced by lightning or other relatively slow rise-time EMP --- in aircraft p0249 A79-25322
Surge-induced structural loads in gas turbine engines [ASME PAPER 79-GT-91] p0392 A79-32368

SURVEILLANCE
NT SPACE SURVEILLANCE (SPACEBORNE)
A technical update on satellites for aircraft communication and surveillance p0077 A79-16169

Analysis of Coast Guard missions for a marine patrol airship [AIAA 79-1570] p0521 A79-42379
Modern rigid airships as sea control escort platforms [AIAA 79-1575] p0521 A79-42382
Multisensor integration for defensive fire control surveillance p0615 A79-48610

SURVEILLANCE RADAR
NT AIRBORNE SURVEILLANCE RADAR
Polish radar developments p0002 A79-10283
Multisensor utilization investigation --- for automated ATC surveillance p0003 A79-10332
RPM - A recent real life case history --- Reliability Planning and Management test program for airborne surveillance radar p0073 A79-15391
The future -- ARTS III --- Automated Radar Terminal Systems for air traffic control p0198 A79-22705

The future of surveillance systems in civil aviation p0247 A79-28400
Operational evaluation of an Air Traffic Control Radar Beacon System open array antenna -- air traffic control p0274 A79-2139
Reflection elimination in secondary surveillance radar --- air traffic control p0574 A79-46241

An analysis of SAPPHIRE image parameters as a function of processing parameters --- for synthetic aperture radar data processing p0618 N79-48666

Echo interpretation of severe storms on airport surveillance radars [AD-A061085] p0280 N79-17123
Numerical studies of conversion and transformation in a surveillance system employing a multitude of radars, part 2 --- advanced air traffic control services [AD-A072086] p0799 N79-32415
Numerical studies of conversion and transformation in a surveillance system employing a multitude of radars, part 1 --- advanced air traffic control services [AD-A072085] p0710 N79-32816

NEXT GENERATION AIRPORT SURVEILLANCE RADAR p0673 N79-31233

SURVEYING
NT SURVEYS
A survey of analytical and experimental techniques to predict aircraft dynamic characteristics at high angles of attack p0377 N79-15079
Operational aspects of remote sensing from aircraft [NL-RP-77036-0] p0242 N79-17304
Surveys of grooves in 19 bituminous runways [ASME PAPER 78-1021] p0256 A79-25896
Assessment of the benefits of aircraft crashworthiness p0312 N79-19657
Fuel tank survivability for hydrodynamic effects induced by high velocity fragments. Part 1: Experimental Results and Design summary [AD-A070111] p0669 N79-31202

SURVEY EQUIPMENT
A system for survival --- passenger aircraft escape systems utilizing pyrotechnics p0066 A79-14402
An overview of the U.S. Navy Maximum Performance Rescue System p0089 N79-12051
Test and evaluation of modified high performance jet aircraft life preserver [AD-A063959] p0819 N79-22067

SUSCEPTIBILITY (MAGNETIC)
U MAGNETIC SUSCEPTIBILITY p0372 N79-20400

SUSPENDING (HANGING)
NT MAGNETIC SUSPENSION
Steady state behavior of a cable used for suspending a soman body from a helicopter [LAS/-E907-BRT-497] p0372 N79-20400

SUSPENSION SYSTEMS (VEHICLES)

SUSPENSIONS
On mechanics of gyroscopes in global suspension p0084 A79-14209

SWEEP ANGLE
NT LEADING EDGE SWEEP
Investigation of three-dimensional shock/boundary layer interactions at swept compression corners [AIAA PAPER 79-1498] p0075 A79-46693

SWEEP EFFECT
The influence of sweep on the aerodynamic loading of an oscillating NACA 0012 airfoil [ARS 79-4] p0626 A79-49057

SWEEP EFFECT
SWEET HORIZONTAL WINGS

Vortex pattern at the upper surface of a swept forward wing --- in the Langley 7x10 ft high speed tunnel

NACA-TR-78379

p0580 NT-20138

SWEET WINGS

NT ARROW WINGS

Vortex pattern developing on the upper surface of a swept wing at high angle of attack

[AD-067122] p0058 NT-201515

NT DELTA WINGS

Application of advanced technologies to improve C-141 cruise performance --- wing modifications for drag reduction

[ALAA PAPER 79-7910] p0140 NT-19951

NT SWEPT FORWARD WINGS

Recent applications of advanced computational methods in the aerodynamic design of transport aircraft configurations

p0153 NT-20100

NT SWEPTBACK WINGS

Current advances in the solution of three-dimensional flow over wings with leading edge vortex separation

[ALAA PAPER 79-0286] p0202 NT-23552

NT TRAPEZOIDAL WINGS

On the transonic-dip mechanism of flutter of a sweptback wing

p0514 NT-20176

Using tunnel test data. II

p0695 NT-54042

Numerical calculation of transonic flow past a swept wing by a finite volume method

[CORP-77120A-1] p0034 NT-10036

Wind-tunnel investigation of the thrust augmentor performance of a large-scale swept wing model --- in the Ames 40 by 80 foot wind tunnel


Vortex pattern development on the upper surface of a swept wing at high angle of attack

[NASA-TR-75577] p0300 NT-18013

In-flight three-dimensional boundary layer and wake measurements from a swept supercritical wing

p0352 NT-20002

Possibilities for scale effect on swept wings at high subsonic speeds. Recent evidence from pressure plotting tests

[PEET-18] p0077 NT-20999

Strake-induced separation from the leading edges of wings of moderate sweep

p0413 NT-22002

Vortex patterns developing on the upper surface of a swept wing at high angle of attack

p0414 NT-22007

Nonturbulent drag minimization for highly swept wings with leading edge vortices

p0419 NT-22021

Aerodynamic characteristics of the close-coupled canard as applied to low-to-moderate swept wings. Volume 1: General trends

[AD-8063316] p0017 NT-22057

Aerodynamic characteristics of the close-coupled canard as applied to low-to-moderate swept wings. Volume 2: Subsonic speed region

[AD-8067122] p0536 NT-26025

Aerodynamic characteristics of a large-scale nacelle model with a swept wing and an augmented jet flap with hypermixing nozzles --- Ames 40 by 80-Foot Wind Tunnel and Static Test Facility


Wind/store flow-field measurements at transonic speeds using a laser velocimeter

p0590 NT-29149

SWINGING WING FORCES

D VISUALIZATION TECHNIQUES

SWINGING CIRCUITS

p0695 NT-50209
SUBJECT INDEX

Omega - Global navigating by VLF fix
Reliability, performance, and fault isolation considerations in the design of interconnected navigation systems
A Demonstration Advanced Avionics System for general aviation
A family of air traffic control radars
Airport engineering --- Book
Identifying desirable design features for the C-XE aircraft - A systems approach
A multiple objective optimization approach to aircraft control systems design
Analysis design of complex systems. II --- for simultaneous improvement of all basic prototype flight vehicle performance characteristics
Electric power system control techniques
Power system for new-technology transport power-by-wire airplane
Tactical electronic reconnaissance sensor --- radar emission detection
Multiplexer technology applied to helicopters
A design perspective on new technologies for general aviation
Aeronautical information data subsystems /ADS/ Modern systems for air traffic control
Planning for airport access: An analysis of the San Francisco Bay area. Three subsystem designs
Network design
Self active pad seal application for high pressure engines
Gas turbine disc sealing system design
Engineering and development program plan: Central flow control system
Systems integration analysis for future tower cab configurations/systems
Systems development of a stall/spin research facility using remotely controlled/augmented aircraft models. Volume 1: Systems overview
Advanced Digital Simulator system (ADSS) --- modeling sensors and their operating environments
Design and development of a system to measure the mode shapes of a vibrating, rotating helicopter blade in a vacuum
Evaluation of laminar flow control system concepts for subsonic commercial transport aircraft
Software requirements for the A-7E aircraft
Turbojet blade vibration data acquisition design and feasibility testing
Design considerations for implementing integrated mission-tailored flight control nodes --- digital fly-by-wire and the ovv yf-16 aircraft
CAD for electric systems design --- in aircraft production
Design and characteristics of high Reynolds number test facilities: The Ludwig tube
The predesign phase of the second-generation comprehensive helicopter analysis system
National airport system plan 1978 - 1987
Hydraulic compressor for a wind tunnel
Active control for the Total-In-Flight simulator (ACTIFS)
System design requirements for advanced rotary-wing agricultural aircraft
Feasibility study for a numerical aerodynamic simulation facility: Summary
Description of the VTOL Approach and landing Technology (VALT) CH-47 research system
A today's specifications appropriate for tomorrow's airplanes?
Review of design and operational characteristics of the 0.3-meter transonic cryogenic tunnel
A program to compute three-dimensional unsteady aerodynamic characteristics using the double lattice method, L26 (DDEFLX). Volume 1: Engineering and usage
Autonomous navigation system --- using gyroscopic pendulums and gimbals for air navigation system which dispenses
SYSTEMS MANAGEMENT
Dual digital flight control redundancy management system development program
The application of system dynamics to a managerial model of aeronautical systems division
Impact of area navigation on controller productivity and ATC system capacity
STABILITY ANALYSIS
Formulation of the aeroelastic stability and nonlinear response problem of coupled rotor/support systems
Effect of interblade phase angle and incidence angle on cascade pitching stability
Stability analysis of relative navigation systems --- TORA system for multi-member aircraft communities
Stability and nonlinear response of rotor-bearing systems with squeeze film bearings
T TAIL SURFACES
An investigation of the rolling stability derivatives of a T-tail fighter configuration at high angles-of-attack
T-tails and top technology
T-2 AIRCRAFT
Flight verification of the advanced flight Control Actuation System (AFCAS) in the T-2C aircraft
T-20 AIRCRAFT
Cloud physics observations inside hailstorms with an armored aircraft data system
T-33 AIRCRAFT
Buffeting measurements in flight and in a wind tunnel --- T-33 aircraft
T-38 AIRCRAFT
A new technique to compute installed jet engine thrust - Applications to trimming for economic and operational benefits
Northrop F-5: Case study in aircraft design --- Book
T-39 AIRCRAFT
The Pollock International Sabreliner-65: Case study in aircraft design --- Book

A-021
T-53 ENGINE

Computer-assisted high-speed balancing of T53 and T55 power turbines
[AS 79-36] p0631 79-49008
Study of T53 engine vibration
[NASA-CR-135499] p0037 79-10061

T-55 ENGINE

Effect of forward velocity and crosswind on the reverse-thrust performance of a variable-pitch fan engine
[AIAA PAPER 79-0105] p0200 79-23512
Computer-assisted high-speed balancing of T53 and T55 power turbines
[AS 79-36] p0631 79-49008

T-63 ENGINE

Testing to assess the affect of degraded fuel specifications on the cold start ability of a 703-7-700 engine
[AIAA 79-7009] p0329 79-29384
Infrared suppressor effect on T63 turboshaft engine performance
[NASA-TN-78970] p0045 79-11043

TABLES (DATA)

Measurements of inlet flow distortions in an axial flow fan (6 and 9 blade rotor)
[NASA-CR-157842] p0059 79-13009
Annual review of aircraft accident data: US general aviation, calendar year 1977
p0217 79-15925

TACAN

New-generation TACAN equipment
p0057 79-13269
Fail-safe output stage for navigation transmitters --- reliability design for TACAN equipment
p0057 79-13271
Electronically scanned TACAN antenna
p0597 79-13272

TACAN FM program --- Reliability Improvement
For avionics
p0072 79-15359
HAVETAS/GPS/Global Positioning System/and electronic counter measures --- TACAN system vulnerability
p0251 79-25492
A navigation filter for an integrated GPS/UTIDS/INS system for a tactical aircraft --- Joint Tactical Information Distribution System
p0048 79-36087
Increasing the accuracy of integrated Doppler/TACAN navigation through frequent change of TACAN stations
p0514 79-41778
System capacity of the approach and landing aid
SETAC
p0654 79-53855

Acquisition planning for tactical avionics systems
[AD-1059600] p0163 79-14089
Motion and force cueing requirements and techniques for advanced tactical aircraft simulation
p0224 79-15991
Motion and force cueing requirements and techniques for advanced tactical aircraft simulation
[AD-1064991] p0438 79-23102
An asynchronous data transmission system with low error probability for the SETAC landing aid
p0675 79-31468

TACTOSTROPHES

Tactostrophic testing of onboard navigation systems
p0865 79-30017

TACTICAL AIR NAVIGATION

TACAN TACTICS

Computerization of tactical aircraft performance data for fleet application
[AD-1059912] p0162 79-14087

TAGGING

TACTICAL NAVIGATION

Positive tail loads for minisub induced drag of subsonic aircraft
p0800 79-16494
Nonlinear gust loads analysis - Monte Carlo vs. describing function analysis
[AIAA PAPER 79-0906] p0139 79-19511
Extensive cost reduction studies: Composite empennage component - L-1011 commercial airliner
p0187 79-20007

Experimental investigation of the endurance of airplane fin sections in acoustic loading
p0346 79-31176
Analytical and experimental investigation of T-type empennage contribution to directional control in hover and forward flight
[AS 79-56] p0633 79-49106
Highly survivable truss type tail boom
[AD-1056430] p0036 79-10052
Comparison of the aerodynamic properties of an aeroplane with the tail-first configuration and with the conventional configuration
[EL-785-11520] p0285 79-17794
Experimental studies on the effects of a sting support on the pressure distribution around a spherical object
[NASA-TR-156127] p0285 79-17800
Effects of vertical tail flexibility on the aerodynamic characteristics of a 0.03-scale NASA Space Shuttle Orbiter at Mach numbers from 0.90 to 1.55
[AD-1062377] p0369 79-20175
Highly survivable truss tail boom
[AD-1061681] p0620 79-22079
Fail-safe optimal design of structures with substructuring
p0844 79-23950
Optimum tail fairings for bodies of revolution --- computerized design
[AD-1067927] p0539 79-26031

TAIL MOUNTINGS

U TAIL ASSEMBLIES

U HORIZONTAL TAIL SURFACES

TAIL ROTORS

NT HELICOPTER TAIL ROTORS

Helicopter tail rotor noise generated by aerodynamic interactions
p0135 79-18689
Ten years of aerostat and control experiments with the fennecos and conventional tail rotor
[AS 79-58] p0633 79-49108
Vibratory ice protection for helicopter rotor blades
[AD-1067329] p0045 79-11038
Flexibility of the bearing pedestals of a tail rotor blade jettison concept
[AD-1059239] p0101 79-13029
Interactive aerodynamics of the single rotor helicopter configuration. Volume 2-C: Harmonic analysis of airborne surface pressure data, runs 7-14, aft section
[AD-1061360] p0228 79-16808
Interactive aerodynamics of the single rotor helicopter configuration. Volume 2-F: Harmonic analyses of airborne surface pressure data, runs 15-22, aft section
[AD-1067180] p0229 79-16810
Conspicuity assessment of selected propeller and tail rotor paint schemes
[FAA-AR-70-29] p0299 79-16813
TAIL SURFACES

NT HORIZONTAL TAIL SURFACES

NT TAIL SURFACES

Flexibility of the bearing pedestals of control-surface hinge plates --- aircraft structures
p0687 79-52145
Pressure distributions on three different cruciform aft-tail control surfaces of a wingless missile at Mach 1.60, 2.36, and 3.70
Volume 1: Traversable tail --- conducted in Langley Unitary Plan wind tunnel
TAILLESS AIRCRAFT

NT F-102 AIRCRAFT

NT F-106 AIRCRAFT

NT MIRAGE 3 AIRCRAFT

NT TAIL ASSEMBLIES

NT TAIL ASSEMBLIES

Large vehicle concepts --- aircraft design concepts
p0338 79-30084
TAILS (ASSEMBLIES)

U TAIL ASSEMBLIES

NT VERTICAL TAILPOFF

Arranging hook installation, land based aircraft, emergency
[SAB ARP 1538] p0018 79-11625
### TECHNIQUES

#### SUBJECT INDEX

<table>
<thead>
<tr>
<th><strong>TECHNOLOGICAL FORECASTING</strong></th>
<th><strong>AIAA PAPER 79-1832</strong></th>
<th>p0688 A79-47906</th>
</tr>
</thead>
<tbody>
<tr>
<td>The need and impact of long-term advances in aircraft technology - The airliner's point of view</td>
<td>p0005 A79-10410</td>
<td></td>
</tr>
<tr>
<td>Advanced turboprop engines for low fuel consumption</td>
<td>p0101 A79-10816</td>
<td></td>
</tr>
<tr>
<td>New technologies as a basis for development of propulsion systems for future fighter aircraft</td>
<td>p0061 A79-10708</td>
<td></td>
</tr>
<tr>
<td>New technologies as basis for development of propulsion systems for future fighter aircraft</td>
<td>p0061 A79-10708</td>
<td></td>
</tr>
<tr>
<td>The Rolls-Royce Gem turbofan engine for business transport aircraft</td>
<td>p0077 A79-16174</td>
<td></td>
</tr>
<tr>
<td>High efficiency powerplants for future helicopter systems</td>
<td>p0078 A79-16228</td>
<td></td>
</tr>
<tr>
<td>New technical advances in the development of helicopter turbine powerplants for the 1980's</td>
<td>p0078 A79-16232</td>
<td></td>
</tr>
<tr>
<td>The late features of future helicopter avionics</td>
<td>p0078 A79-16237</td>
<td></td>
</tr>
<tr>
<td>New features of future helicopter avionics</td>
<td>p0078 A79-16238</td>
<td></td>
</tr>
<tr>
<td>Autonomous in air traffic control - Planning for the 80's within the province of the Federal Institute of Air Traffic Control</td>
<td>p0112 A79-17118</td>
<td></td>
</tr>
<tr>
<td>An operators viewpoint on future rotorcraft R &amp; D criteria</td>
<td>p0132 A79-18668</td>
<td></td>
</tr>
<tr>
<td>The value of various technology advances for several V/STOL configurations</td>
<td>p0133 A79-18672</td>
<td></td>
</tr>
<tr>
<td>The concept of age of digital electronics in commercial transport --- emphasizing signal processing technology and Boeing 767 avionics</td>
<td>p0151 A79-20025</td>
<td></td>
</tr>
<tr>
<td>A look at the future --- computerized flow control systems for ANC</td>
<td>p0189 A79-21278</td>
<td></td>
</tr>
<tr>
<td>Integrated TAC development - The next decade: A Safety Board viewpoint</td>
<td>p0204 A79-23585</td>
<td></td>
</tr>
<tr>
<td>Technology for future air transports</td>
<td>p0204 A79-23587</td>
<td></td>
</tr>
<tr>
<td>General aviation aircraft in the 1990's</td>
<td>p0253 A79-25853</td>
<td></td>
</tr>
<tr>
<td>The coming of age of digital electronics in commercial transport --- emphasizing signal processing technology and Boeing 767 avionics</td>
<td>p0254 A79-25866</td>
<td></td>
</tr>
<tr>
<td>Advanced supersonic technology and its implications for the future</td>
<td>p0275 A79-27352</td>
<td></td>
</tr>
<tr>
<td>Future advanced technology rotorcraft</td>
<td>p0276 A79-27359</td>
<td></td>
</tr>
<tr>
<td>Future VSTOL requirements for omnidirectional low range airborne</td>
<td>p0311 A79-29480</td>
<td></td>
</tr>
<tr>
<td>The future shape of midsized and long-range civil aircraft engines</td>
<td>p0331 A79-29507</td>
<td></td>
</tr>
<tr>
<td>Tactical piloted aircraft - Do they really have a future</td>
<td>p0342 A79-31236</td>
<td></td>
</tr>
<tr>
<td>Ejection systems in the year 2000</td>
<td>p0402 A79-33622</td>
<td></td>
</tr>
<tr>
<td>Advanced nuclear systems for large aircraft</td>
<td>p0405 A79-33935</td>
<td></td>
</tr>
<tr>
<td>Global services systems - Space communication</td>
<td>p0408 A79-34761</td>
<td></td>
</tr>
<tr>
<td>Rolls-Royce RB.401-07 turbofan engine for business aircraft in the 1990's</td>
<td>p0457 A79-36748</td>
<td></td>
</tr>
<tr>
<td>Impact of advanced technologies on aircraft design</td>
<td>p0466 A79-37085</td>
<td></td>
</tr>
<tr>
<td>New materials for future commercial aircraft</td>
<td>p0476 A79-47889</td>
<td></td>
</tr>
<tr>
<td>All electric subsystems for next generation transport aircraft</td>
<td>p0500 A79-47889</td>
<td></td>
</tr>
</tbody>
</table>
Aerospace structural metals handbook. Volume 5, supplement 11: Nonferrous alloys  
[AD-A052553]  
Experimental study of low temperature behavior of aviation turbine fuels in a wing tank model  
[NASA-CR-159615]  
Temperature field  
Temperature distribution  
Temperature measurement  
Temperature sensors  
Temperature strengths  
Temperature analysis, storage, and retrieval of elevation data with applications to improve penetration  
[AD-A068747]  
Temperature ballistic  
Optimal operating techniques of two-stage hypersonic gun tunnel  
[AD-A070113]  
Experimental results and design summary  
Temperature configurations vehicle program  
Operational benefits from the terminal configurations vehicle --- aircraft equipment for air traffic  
A-227
TERMINAL FACILITIES

improvement
Flying NASA's Terminal Configured Vehicle against the Microwave Landing System
p004 A79-10390

Operation and evaluation of the terminal configured vehicle simulation in an automated terminal area metering and spacing ATM environment
p0260 A79-26534

Verification and validation of the NASA Terminal Configured Vehicle (TCV) wind analysis program using real-time digital simulation
p0335 A79-29899

Comparative study of flare control laws --- optimal control of b-737 aircraft approach and landing
p0336 A79-29900

Algorithms and logic for incorporating MLS back azimuth information into the NASA TCV B-737 airplane area navigation system
[NASA-TM-80039]
p0291 A79-17863

Flying NASA's terminal configured vehicle against the microwave landing system
p0300 A79-18894

Capturing and tracking performance of the horizontal guidance and control systems of the terminal configured vehicle
[NASA-TM-80068]
p0499 A79-25034

Flight performance of the TCV B-737 airplane at Kennedy airport using TRSB/NLS guidance
[NASA-TM-80148]
p0667 A79-31186

TERMINAL FACILITIES
Planning the passenger terminal
[SAN PAPER 780517]
p0004 A79-10393

Airport development in Micronesia
[SAN PAPER 780530]
p0005 A79-10400

Large-area information display using digital laser bean deflection
p0116 A79-17669

Designing airport terminals for transfer passengers
p0128 A79-18573

Air traffic control strategies for handling air traffic in the terminal area
[DGLR PAPER 79-032]
p0516 A79-42359

Sharjah -- an airport out of Arabian Nights --- innovative airport design
p0536 A79-43732

Current status of airport terminal complex development abroad
p0643 A79-50240

Airport power supply --- Russian book
p0647 A79-50499

Airport plan based on the PIP concept proposal for a remodeled Catania-Pantano aerodrome
p0687 A79-52300

Flight termination receiver catalog
[AR-AD-805656]
p0181 A79-15232

Engineering and development program plan: Terminal/tower control
[FPA-RE-78-64]
p0221 A79-16832

Short Range Terminal Radar (SRTM) definition study
[FPA-RE-78-64]
p0297 A79-18156

TERMINAL GUIDANCE
NT LASER GUIDANCE
Impact of new navigation methods on flight guidance in the terminal maneuvering area
[DGLR PAPER 78-135]
p0061 A79-14085

DAS for TMA navigation --- DMZ azimuth System for Terminal Maneuvering Area
[DGLR PAPER 78-137]
p0062 A79-14087

Procedure for flight guidance in the terminal maneuvering area for an experimental program employing a flying test device
p0115 A79-17680

Evolution of a TRACON --- terminal guidance system for New York area airports
p0205 A79-23597

Development of specifications for taxing guidance and control systems
[DGLR PAPER 79-034]
p0516 A79-42361

Investigation of different system configurations for a TMA navigation system taking special account of traffic load and channel requirements
[DGLR PAPER 79-039]
p0519 A79-42365

Fundamentals of navigation in the terminal maneuvering area
p0521 A79-42377

SUBJECT INDEX

Fuel-conservative guidance system for powered-lift aircraft
[AAIA 79-1709]
p0570 A79-45363

Optimal missile guidance for low miss and perpendicular impact
[AAIA 79-1734]
p0571 A79-45377

Coherent optical processing for missile guidance
p0648 A79-51468

ENAV route design-terminal area design procedures and transition area design guidelines
[FPA-RE-78-61]
p0291 A79-17801

Fuel-conservative guidance system for powered-lift aircraft
[NASA-TR-78555]
p0537 A79-26009

TERMINAL FACILITIES

EXPANDING THE REGION OF CONVERGENCE FOR SITAP through improved modeling of terrain nonlinearity --- Sandia Inertial Terrain Aided Navigation
p0619 A79-48678

Meeting the challenge of precise navigation during nap-of-the-earth flight
[ANS 78-12]
p0627 A79-49065

TERMINAL FOLLOWING AIRCRAFT
A miniature air sonar altimeter --- for remotely piloted terrain following aircraft
p0667 A79-16613

Pilot night vision system /PVS/ for advanced attack helicopter /AH/
[ANS 78-16]
p0120 A79-18142

A piloted simulator investigation of augmentation systems to improve helicopter nap-of-the-earth handling qualities
[ANS 78-20]
p0122 A79-18155

Terrain-following radar - Key to low-altitude flight
p0620 A79-48686

Meeting the challenge of precise navigation during nap-of-the-earth flight
[ANS 78-12]
p0627 A79-49065

A study of altimeter-controlled terrain-following systems
p0582 A79-28162

Ride qualities criteria validation/pilot performance study: Flight test results
[NASA-CE-159618]
p0668 A79-31193

TERRESTRIAL PLANETS

Nasa MARS (Planet)

TURBOPROP ENGINE TESTS

TURBOCHARGERS

SUBJECT INDEX
TEST VEHICLES


TESTERS U TEST EQUIPMENT TESTING U TESTS TESTING MACHINES U TEST EQUIPMENT TESTING TIME Notes concerning testing time requirements in steady and unsteady measurements p0439 N79-23112

TESTS Effects of a military cargo pod and tail fins on the aerodynamic characteristics of a large wide-body transport model [NASA-TP-80052] p0363 N79-20101

TETHERED BALLOONS The influence of balloon net on the longitudinal stability of tethered aerostat [AIAA 79-0465] p0263 A79-26649

Tethered telecommunications, broadcast, and monitoring systems [AIAA 79-1605] p0524 A79-42400

TETHERING An innovative technique for static and dynamic VSTOL testing [AIAA 79-78-42] p0123 A79-18165

A unique facility for V/STOL aircraft hover testing --- Langley Impact Dynamics Research Facility [NASA 79-1478] p0595 N79-29199

TETHERLINES Dynamic stability of a flight vehicle laying out an uncoiling line p0398 A79-32919


TEXTBOOKS Aerodynamics [NASA-TP-7765] p0480 N79-23008

TP-30 ENGINE Measurements and predictions of flowyer and static noise of an afterburning turbofan engine in an F-111 airplane [AIAA 70-7018] p0328 A79-29391

Combined pressure and temperature distortion effects on internal flow of a turbofan engine [AIAA PAPER 79-1305] p0471 A79-39031


TP-30 ENGINE Parts tracking and engine history recording for on-condition maintenance [AIAA PAPER 79-1280] p0509 A79-40486

TP-41 ENGINE TF 41 condition monitoring system effectiveness study p0000 A79-16440

TPX AIRCRAFT U F-111 AIRCRAFT

THEOREMS NT SIMILARITY THEOREM THEORETICAL PHYSICS Contributions to fluid mechanics p0676 N79-31524

THERMAL BOUNDARY LAYER High speed interference heating loads and pressure distributions resulting from eleven deflections --- shock wave interaction effects on hypersonic aircraft surfaces [AIAA PAPER 79-0165] p0142 A79-19562

Numerical methods for solution of radiative-conductive heat transfer problems -- radiative boundary layer for hypersonic blunt bodies in dense atmosphere p0528 A79-42971

THERMAL CONDUCTIVITY Most rational linearization of nonlinear unsteady heat conduction problems --- for flight vehicle parts and engines p0613 A79-48501

THERMAL CONTROL COATINGS NASA thermal barrier coatings -- Summary and update p0307 A79-21295


THERMAL CYCLING TESTS Summation of defects in the case of nonisothermal programmed loads --- for supersonic transport propulsion system components p0520 A79-12164

Effect of a chromium-containing fuel additive on hot corrosion p0261 A79-26566

Thermal cycling endurance problems in gas-turbine parts p0266 A79-26838

Static evaluation of surface coatings for compliant gas bearings in an oxidizing atmosphere to 650 C p0347 A79-31957

Prospects of using wedge-shaped models for investigating thermal fatigue of turbine blades p0398 A79-32825

Fabrication research for supersonic cruise aircraft --- TF-12 skin structures p0529 A79-43243

THERMAL DECOMPOSITION NT PYROLYSIS The temperature at which thermal dissociation is initiated in jet fuels under static conditions p0623 A79-48857

Evaluation of the temperature of the initiation of jet fuel decomposition by means of the ‘hardness factor’ p0623 A79-48857


THERMAL EFFECTS U TEMPERATURE EFFECTS THERMAL EFFICIENCY U THERMODYNAMIC EFFICIENCY THERMAL ENVIRONMENTS Integrated Thermal Avionics Design (ITAD) [AD-4061271] p0292 A79-17855

THERMAL EXPANSION Pressure-controlled thermal expansion molding of advanced composite BPF wing structural parts p0209 A79-24993

THERMAL FATIGUE High-composite reinforcement of cracked aircraft structures Thermal-stress and thermal-fatigue studies p0111 A79-17018

Prospects of using wedge-shaped models for investigating thermal fatigue of turbine blades p0307 A79-21295

Fatigue acceleration in box beams under mechanical and thermal stress (second series) [ARC-R/M-3817] p0142 A79-19562

A contribution on thermal fatigue in cooled turbine blades p0552 A79-27153

A-430

SUBJECT INDEX
<table>
<thead>
<tr>
<th>Subject Index</th>
<th>DOI: 10.1007/978-1-4684-9491-4</th>
<th>p0046 A79-11050</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of jet engine operation</td>
<td></td>
<td>p0046 A79-11050</td>
</tr>
<tr>
<td>Thermodinamics of organic compounds</td>
<td></td>
<td>p0042 A79-23232</td>
</tr>
<tr>
<td>Air Force Academy aeronautics digest, fall 1978</td>
<td></td>
<td>p0060 A79-30144</td>
</tr>
<tr>
<td>THERMOELASTICITY</td>
<td>THERMOELASTICITY</td>
<td>p0040 A79-19396</td>
</tr>
<tr>
<td>THERMOELASTICITY</td>
<td>THERMOELASTICITY</td>
<td></td>
</tr>
<tr>
<td>THIN AIRFOILS</td>
<td>THICKNESS RATIO</td>
<td></td>
</tr>
<tr>
<td>Dynamic stall of an airfoil with leading edge bubble separation involving time dependent re-attachment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>THIN WALLS</td>
<td>THICKNESS RATIO</td>
<td></td>
</tr>
<tr>
<td>Development of a viscous vortex/wing interaction program for thick wings with bounded leading edge</td>
<td></td>
<td>p0043 A79-23020</td>
</tr>
<tr>
<td>THICKNESS RATIO</td>
<td>Reverse mixed problem for a profile with a prescribed velocity distribution on one of its sides and a known thickness distribution</td>
<td>p0029 A79-12970</td>
</tr>
<tr>
<td>Effects of thickness on the aerodynamic characteristics of an initial low-speed family of airfoils for general aviation applications</td>
<td></td>
<td>p0028 A79-13000</td>
</tr>
<tr>
<td>The design and aerodynamic characteristics of an 18% thick shock-free airfoil (MLR 7501)</td>
<td></td>
<td>p0073 A79-32180</td>
</tr>
<tr>
<td>THIN AIRFOILS</td>
<td>THIN AIRFOILS</td>
<td></td>
</tr>
<tr>
<td>MIXED PROBLEMS</td>
<td>Theory of lifting surface in fluids of high electrical conductivity</td>
<td>p0011 A79-10817</td>
</tr>
<tr>
<td>Unsteady thin airfoil theory for transonic flows with embedded shocks</td>
<td></td>
<td>p0025 A79-12294</td>
</tr>
<tr>
<td>Computation of aerodynamic interference effects on oscillating airfoils with controls in ventilated subsonic wind tunnels</td>
<td></td>
<td>p0143 A79-19597</td>
</tr>
<tr>
<td>Behavior of elastic systems in separated flow</td>
<td></td>
<td>p0025 A79-25618</td>
</tr>
<tr>
<td>Nonsteady flow of an incompressible liquid over slender permeable profiles</td>
<td></td>
<td>p0046 A79-19679</td>
</tr>
<tr>
<td>On the design of thin subsonic airfoils</td>
<td></td>
<td>p0073 A79-27062</td>
</tr>
<tr>
<td>Supersonic unstalled flutter --- aerodynamic loading of thin airfoils induced by cascade motion</td>
<td></td>
<td>p0043 A79-11000</td>
</tr>
<tr>
<td>THIN FILMS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>An investigation of vibration dampers in gas-turbine engines</td>
<td></td>
<td>p0053 A79-21764</td>
</tr>
<tr>
<td>THIN WALLED SHELLS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Creep calculation for thin-walled structures operating under unsteady heating and loading conditions</td>
<td></td>
<td>p0338 A79-32056</td>
</tr>
<tr>
<td>Cost-effective production of flight vehicle shells by the pressure and flow-pressure processes</td>
<td></td>
<td>p0022 A79-12226</td>
</tr>
<tr>
<td>Computer analysis of semi-monocoque shell sections</td>
<td></td>
<td>p0022 A79-12226</td>
</tr>
<tr>
<td>THIN WALLS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accuracy of an approximate static structural analysis technique based on stiffness matrix eigenvalues</td>
<td></td>
<td>p0028 A79-28263</td>
</tr>
<tr>
<td>Effective rigidity of a thin-walled beam</td>
<td></td>
<td>p0348 A79-32051</td>
</tr>
<tr>
<td>THIN WINGS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NT INFINITE SPAN WINGS</td>
<td>Creep calculation for thin-walled structures operating under unsteady heating and loading conditions</td>
<td></td>
</tr>
<tr>
<td>NT WINGS</td>
<td>Creep calculation for thin-walled structures operating under unsteady heating and loading conditions</td>
<td></td>
</tr>
<tr>
<td>Theory of large-aspect ratio wings in transonic gas flow</td>
<td>p0022 A79-12226</td>
<td></td>
</tr>
<tr>
<td>Calculation of supersonic flow past wings with consideration of tangential discontinuities shed from the edges within the scope of a model using a system of Euler equations</td>
<td>p0079 A79-16372</td>
<td></td>
</tr>
<tr>
<td>Lifting surface theory for skewed and swept subsonic wings</td>
<td>p0079 A79-16372</td>
<td></td>
</tr>
<tr>
<td>Supersonic flow in the area of antisymmetric thin cruciform wings with supersonic leading edges in a horizontal plane, with consideration of flow separation on the edges</td>
<td>p0147 A79-35927</td>
<td></td>
</tr>
<tr>
<td>Unsteady hypersonic gas flow past a thin fin</td>
<td>p0013 A79-01567</td>
<td></td>
</tr>
<tr>
<td>obtaining solutions of the lifting-surface equation</td>
<td>p0052 A79-63135</td>
<td></td>
</tr>
<tr>
<td>Solution of a mixed boundary value problem for flow past a thin delta wing</td>
<td>p0060 A79-99882</td>
<td></td>
</tr>
<tr>
<td>A numerical solution of supersonic and hypersonic viscous flow fields around thin planar delta wings</td>
<td>p0032 A79-10018</td>
<td></td>
</tr>
<tr>
<td>Effect of canard vertical location, size, and deflection on canard-wing interference at subsonic speeds</td>
<td>p0157 A79-14013</td>
<td></td>
</tr>
<tr>
<td>Theory of this wing in a supersonic flow with consideration of the non-equilibrium state of excitation of oscillating degrees of freedom</td>
<td>p0157 A79-14013</td>
<td></td>
</tr>
<tr>
<td>Supersonic flow in the area of antisymmetric thin cruciform wings with supersonic leading edges in a horizontal plane, with consideration of flow separation on the edges</td>
<td>p0157 A79-14013</td>
<td></td>
</tr>
</tbody>
</table>
TIME DIVISION MULTIPLE ACCESS

Integrated communication, navigation, and identification in the 1980's and beyond using low duty distributed time-frequency-phase code technology — for aircraft, missiles, and other mobile platforms

Stability analysis of relative navigation system

Implementing JTIDS in tactical aircraft

An optical-fiber multiterminal data system for aircraft

TIME LAG

Influence of delay time and dead time on wind shear landings

Predictive guidance for interceptors with time delays

TIME OPTIMAL CONTROL

Cross-country mallplane flight as a dynamic optimization problem

System for stabilizing the vertical overload of an aircraft

Application of singular perturbation techniques /SPT/ and continuation methods for on-line aircraft trajectory optimization

The time budget as a criterion for the workload of air traffic controllers

TIME RESPONSE

Control system time response optimization — A nonlinear programming approach — for aircraft flight

 Radar signal processing development for application of VHSI

TIME SERIES ANALYSIS

Transfer function modeling of air traffic concentration

Worst case time-histories causing largest deviations from a desired flight path: An analytical approach

TIME SHARING

Turbofan design system

TIP DRIVER MOTORS

An in-place recalibration technique to extend the temperature capability of capacitance-sensing, rotor-blade-tip-clearance/VOL-5

Rotor redesign for a highly loaded 1800 ft/sec tip speed fan. 1: Aerodynamic and mechanical design report

TIP SPEED

Full-scale wind tunnel test of a modern helicopter main rotor — Investigation of tip Mach number effects and comparisons of four tip shapes

An investigation of model helicopter rotor blade slap at low tip speeds

The impact of noise regulations on propeller design

Tone noise of three supersonic helical tip speed propellers in a wind tunnel

Turbine design system

Worst case time-histories causing largest

Transfer function modeling of air traffic concentration

Radial signal processing development for application of VHSI
<table>
<thead>
<tr>
<th>SUBJECT INDEX</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRAJECTORIES</td>
</tr>
<tr>
<td>Visual simulation systems --- for vehicle operator training</td>
</tr>
<tr>
<td>Real-time simulation in air traffic control</td>
</tr>
<tr>
<td>Visual simulation devices for flight training simulators --- Russian book</td>
</tr>
<tr>
<td>The EA-6B Weapon System trainer</td>
</tr>
<tr>
<td>New technology S61N simulator</td>
</tr>
<tr>
<td>Contributions of platform motion to simulator training effectiveness. Study 1: Basic contact</td>
</tr>
<tr>
<td>Current deficiences in simulation for training</td>
</tr>
<tr>
<td>The development and evaluation of a g seat for a high performance military aircraft training simulator</td>
</tr>
<tr>
<td>Survey of radar simulation training at ANC field facilities</td>
</tr>
<tr>
<td>Helicopter underwater escape trainer (905)</td>
</tr>
<tr>
<td>Contributions of platform motion to simulator training effectiveness. Study 2: Aerobatics</td>
</tr>
<tr>
<td>Optimal placement of regional flight simulators</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TRANSIENT RESPONSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>The extremal trajectory map - A new representation of combat capability</td>
</tr>
<tr>
<td>Approximate trajectory solutions for fighter aircraft</td>
</tr>
<tr>
<td>Numerical computation of optimal evasion maneuvers for a realistically modeled airplane pursued by a missile with proportional guidance</td>
</tr>
<tr>
<td>Fuel-conservative guidance system for powered-lift aircraft</td>
</tr>
<tr>
<td>Optimal missile guidance for low miss and perpendicular impact</td>
</tr>
<tr>
<td>Application of singular perturbation techniques /SPF/ and continuation methods for on-line aircraft trajectory optimization</td>
</tr>
<tr>
<td>Aircraft takeoff from a ski-jump platform</td>
</tr>
<tr>
<td>The calculation of optimal aircraft trajectories</td>
</tr>
<tr>
<td>The computation of optimal aircraft trajectories</td>
</tr>
<tr>
<td>A study of the application of singular perturbation theory --- development of a real time algoritihms for optimal three dimensional aircraft maneuvers</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TRANSIENT FUNCTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microphones</td>
</tr>
<tr>
<td>Piezoelectric gages</td>
</tr>
<tr>
<td>Laplace transformations</td>
</tr>
<tr>
<td>Coordinate transformations</td>
</tr>
<tr>
<td>Parameter transformations</td>
</tr>
<tr>
<td>Transfer function modeling of air traffic concentration</td>
</tr>
<tr>
<td>Stabilizing electro-optical systems on helicopters</td>
</tr>
<tr>
<td>Contributions of platform motion to simulator training effectiveness. Study 1: Basic contact</td>
</tr>
<tr>
<td>Contributions of platform motion to simulator training effectiveness. Study 2: Aerobatics</td>
</tr>
<tr>
<td>Development of the integrated flight trajectory control concept</td>
</tr>
<tr>
<td>Escape system trajectory sensitivity analysis</td>
</tr>
<tr>
<td>The calculation of optimal aircraft trajectories</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TRANSIENT OSCILLATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>The impact of the total lightning environment on aircraft flight control systems</td>
</tr>
<tr>
<td>The analysis and identification of flux-induced voltage transients on low-loss transmission lines with application to the Lightning-Transient-analysis /LTA/ problem</td>
</tr>
</tbody>
</table>
### TRANSONIC FLOW COST

| p0565 | 79-45273 | Computation of subsonic and transonic flow about lifting rotor blades |
| p0568 | 79-45333 | Transonic flow past a symmetrical airfoil at high angle of attack |
| p0575 | 79-46694 | Recent progress in finite-volume calculations for wing-fuselage combinations --- transonic potential flow |
| p0575 | 79-46702 | Results of an improved version of LTBA2B for computing unsteady loads on airfoils oscillating in transonic flow |
| p0577 | 79-46726 | Fully conservative numerical solutions for unsteady irrotational transonic flow about airfoils |

### SUBJECT INDEX

#### Numerical calculation of transonic flow past a swept wing by a finite volume method |

**[COMP-771204-3]**

p0034 79-10036 Direct numerical solution of the transonic perturbation integral equation for lifting and nonlifting airfoils |

**[NASA-TM-78518]**

p0035 79-10045 Performance of single-stage axial-flow transonic compressor with rotor and stator aspect ratios of 1.19 and 1.26, respectively, and with design pressure ratio of 1.82 |

**[NASA-29-1338]**

p0037 79-10060 Improved sonic-box computer program for calculating transonic aerodynamic loads on oscillating wings with thickness |

**[NASA-CE-158906]**

p0043 79-10998 Sonic-box method employing local Mach number for oscillating wings with thickness |

**[NASA-CE-158907]**

p0043 79-10999 Exhaust plume thermodynamic effects on nonaxisymmetric nozzle afterbody performance in transonic flow |

**[AD-A057363]**

p0046 79-11052 The aeroelastic analysis of a two-dimensional airfoil in transonic flow |

**[AD-A057505]**

p0067 79-12023 An automated procedure for computing the three-dimensional transonic flow over wing-body combinations, including viscous effects. Volume 2: Program user’s manual and code description |

**[AD-A054998]**

p0087 79-12027 Non-linear interaction between mean and unsteady flowfields near Mach 1, |

**[AD-A060789]**

p0170 79-15010 The design of supercritical wings by the use of three-dimensional transonic theory |

**[NASA-TP-1400]**

p0228 79-16804 Mass injection and jet flow simulation effects on transonic afterbody drag |

**[AD-A061378]**

p0241 79-17178 Inverse transonic airfoil design methods including boundary layer and viscous interaction effects |

**[NASA-CE-158136]**

p0266 79-17805 Some recent progress in transonic flow computation --- flow distribution, numerical optimization, and airfoil design |

**[AD-A063083]**

p0301 79-18946 Progress in transonic flow computation analysis and design methods for three-dimensional flows --- supercritical wings and wing-body combinations |

**[AD-A063951]**

p0302 79-18951 Time marching finite area method |

**[AD-A065623]**

p0304 79-18990 Comparison between flows in cascades and rotors in the transonic range. 1: Basic considerations |

**[AD-A067902]**

p0305 79-19000 Comparison between flows in cascades and rotors in the transonic range. 2: Investigation of two transonic compressor cascades and comparison with rotor data |

**[AD-A067903]**

p0305 79-19001 Comparison between flows in cascades and rotors in the transonic range. 3: Comparison of experimental and theoretical results of flow studies on blade-to-blade surfaces in an axial compressor rotor |

**p0305 79-19002**

A procedure for analyzing transonic flow over harmonically oscillating airfoils |

**p0352 79-20003**

A new two-dimensional oscillating wing apparatus for unsteady aerodynamics research |

**p0352 79-20004**

Some calculations of transonic potential flow for the NACA 64A005 airfoil with oscillating flap |

**p0352 79-20005**

Transonic flow over the NACA 64A006 with an oscillating flap—calculations based on the Euler equations |

**p0353 79-20007**

Transonic airfoil codes |

**p0355 79-20038**

Application of direct-inverse techniques to airfoil analysis and design |

**p0355 79-20035**

Numerical solution of the Navier-Stokes equations for arbitrary two-dimensional multi-element airfoils |

**p0356 79-20041**

Recent developments in finite element analysis for transonic airfoils |

**p0357 79-20047**

Numerical design of shockless airfoils |

**p0359 79-20065**

A study of inlet conditions for three-dimensional transonic compressor flows |

**p0361 79-20086**

Viscous-inviscid flow matching: Numerical method and applications to two-dimensional, transonic and supersonic flows |

**p0376 79-20977**

Experimental techniques for transonic testing in shock tubes |

**p0377 79-20998**

The flow through low cambered transonic turbine cascade |

**p0421 79-22089**

Computer program to calculate three-dimensional boundary layer flows over wings with wall mass transfer |

**[NASA-CE-15213]**

p0430 79-2316 User guide for STERNL: A boundary-layer program for contoured wind-tunnel liner design |

**[NASA-CE-159058]**

p0439 79-23114 Improvements on the Cédex/Vernon wind tunnel --- transonic operation |

**[AIAA-PAPER-78-78-13]**

p0441 79-23123 Transonic flows in turbomachinery. Volume 1: Theory, Part 2 |

**[AIAA-PAPER-79-1500]**

p0443 79-23425 The confluence of two supersonic jets at the trailing edge of transonic turbine blades |

**p0443 79-23426**

Numerical calculation of inviscid transonic flow through rotors and fans |

**p0480 79-23906**

A finite element method for the computation of the transonic potential flow past airfoils |

**[IEEE-77-1525]**

p0483 79-23935 Airfoil optimization for transonic flow using the methods of finite elements and characteristics |

**[IEEE-77-1526]**

p0483 79-23937 Theoretical analysis of transonic flow past untaggered oscillating cascades |

**[AD-A063083]**

p0492 79-24963 The computation of transonic flow in wind tunnels at inlets and cascades using the finite element method |

**[IEEE-77-1527]**

p0493 79-24970 An exploratory study of a finite difference method for calculating unsteady transonic potential flow |

**[NASA-TP-80105]**

p0547 79-27096 Numerical evaluation of transonic equivalence rule |

**[NASA-CB-158439]**

p0548 79-27101 Design of shock-free transonic flow in turbomachinery |

**[AD-A067903]**

p0551 79-27144 Application of a finite element method to transonic flow problems using an optimal control approach |

**p0586 79-28477**

An extension to the method of Garabedian and Roses for the calculation of transonic flow past an
aerofoil to include the effects of a boundary
layer and wake
[ARC-R/W-3828] p0560 N79-29154
Flutter analysis of two-dimensional and
two-degree-of-freedom airfoils in
small-disturbance, unsteady transonic flow
[AD-A062823] p0665 N79-31157
Experimental data base for computer program
assessment: Report of the Fluid Dynamics Panel
Working Group 04
[AGARD-AD-128] p0665 N79-31159
Introduction and overview of configurations —
for transonic flows
p0665 N79-31160
Wind tunnels with adapted walls for reducing wall
interference
[NASA-TW-75501] p0673 N79-31230
The oblique wing as a lifting-line problem in
transonic flow
[AD-A070232] p0702 N79-32166
Theoretical studies of three dimensional transonic
flow through a compressor blade row
[AD-A077020] p0702 N79-32172
The oblique oscillating flap
[AD-A070022] p0705 N79-32200
Transonic wing redesign using a generalized
fictitious gas method
[AD-A070013] p0705 N79-32202
TRANSONIC FLUCTUATIONS
Calculation of transonic aileron buzz
[AAIA PAPER 79-0138] p0162 A79-19553
On the stability of the boundary layer on a
transonic swept wing
[AAIA PAPER 79-0269] p0203 A79-23563
Investigation of flexible nozzle wall-flutter
incidents in the NASA-Ames Research Center 11-
foot transonic wind tunnel
[AAIA 79-0797] p0323 A79-29040
Transonic flutter analysis of a rectangular wing
with conventional airfoil sections
[AAIA 79-1632] p0566 A79-85313
Wind tunnel tests of a blade subject to midchord
torsional oscillation at high subsonic stall
flutter conditions
La Recherche Aéronautique. Bi-monthly Bulletin
No. 1978-3
[AAIA 79-0522] p0376 N79-20980
Flutter suppressor for transonic flight
[AAIA 79-0294] p0376 N79-20983
Determination of subcritical frequency and damping
from H-1 flutter test data
AERODYNAMIC TEST FACILITIES
TRANSONIC WIND TUNNELS
Wing/store flow-field measurements at transonic
speeds using a laser velocimeter
[AD-A068328] p0590 N79-29199
Correlation of data related to shock-induced
trailing-edge separation and extrapolation to
flight Reynolds number
Wind tunnel tests on cambered wings of mild gothic
Part 2: Transonic tests
[ARC-R/W-3827] p0703 N79-32179
TRANSONIC TURBINES
U SUPERSONIC TUNNELS
TRANSonic WIND TUNNELS
The proposed cryogenic European Transonic Wind
Tunnel /NTU/
[NASA-TP-17118] p0112 A79-17118
Genesis of the European high-Reynolds-number
transonic wind tunnel project
[ONERA, TP NO. 1978-139] p0117 A79-17769
A transonic wind tunnel interference assessment —
Aeroflot
[AAIA PAPER 79-0203] p0143 A79-19596
Aeronautical test facilities capabilities and use
[NASA CR-3152] p0150 A79-20111
ONERA wind tunnels — Feuga pressurized subsonic
and CERT transonic induction operations
p0369 A79-23192
Computational optimization and wind tunnel test of
transonic wing designs
[p0200 A79-23526
Unsteady pressures on a NACA 64A010 airfoil
Experimental and theoretical results
[AAIA PAPER 79-0009] p0261 A79-26545
IR scanning camera measurements of an exhaust
plume from an axisymmetric nozzle afterbody
model at transonic Mach numbers
[AD-A070022] p0701 A79-28097
An analysis of unsteady transonic flow in wind
tunnels in subsonic frequency range
[AI/A A79-0797] p0320 A79-29018
The European transonic wind-tunnel project
[AI/A A79-31021
Implementation of unsteady oscillatory flows in a
transonic wind tunnel
[AAIA 79-32290
Low-turbulence high-speed wind tunnel for the
determination of cascade shock losses
[AI/A PAPER 79-0129] p0394 A79-32398
Some observatory data on the mechanism of aircraft
wing rock
[AAIA PAPER 79-0330] p0215 A79-23526
Axissymmetric calculations of transonic wind tunnel
interference in slotted test sections
[AAIA PAPER 79-0660] p0573 A79-38135
Evaluation of flow quality in two NASA transonic
wind tunnels
[AAIA PAPER 79-1532] p0576 A79-86714
Cannon-body-tail missile test at angles of attack
to 50 deg in the Ames 11-foot transonic wind
[NASA-TR-78041] p0086 N79-12021
 Calibration of the AEDC-FPT 16-foot transonic
tunnel with the propulsion test section at
various Reynolds numbers
[AD-A057877] p0096 A79-12103
Analysis of a theoretically optimized transonic
airfoil
On the evaluation of wind tunnel interference in
two-dimensional ventilated wind tunnels by
subsonic linear theory
[ARC-R/W-3819] p0217 N79-15922
An experimental investigation into the influence
of acoustic disturbances on the development of a
turbulent boundary layer
[ARC-R/W-3825] p0226 N79-16238
Transonic assessment of two-dimensional wind
tunnel wall interference using measured wall
pressures
[AD-A070013] p0351 N79-19991
Evaluation of interference in the OSU 6 in. by 22
in. transonic airfoil tunnel
[AD-A070013] p0351 N79-19994
Design and calibration of slotted walls for
transonic airfoil wind tunnels
p0358 N79-20058

A-443
Aluminum alloys for advanced structural applications in transport aircraft [AD-A056430] p0036 79-10052


Transport properties

Eddy Viscosity
Electric Resistivity
Superconductivity
Thermal Conductivity
Viscosity
Transportation

Air Transportation
Marine Transportation
Rail Transportation
Urban Transportation

In-plant design and analysis of airport ground transport systems [NASA CR-158913] p0670 79-27113

Hydrogen use as a fuel. Citations from the NTRS data base [NASA CR-158661] p0568 79-29478

Transportation Energy

Fuel of fuel management --- for airlines [AD-A068181] p0420 79-22079

In-flight refueling and the world of the eighties /Second Sir Alan Cobham Memorial Lecture/ p0111 79-17029

Utilization of alternative fuels for transportation; Proceedings of the Symposium, University of Santa Clara, Santa Clara, Calif., June 19-23, 1978 p0235 79-10997

JT90-70/59 improved high pressure turbine active clearance control system --- for specific fuel consumption improvement [NASA CR-158661] p0670 79-31208

Comparison of alternate fuels for aircraft --- liquid hydrogen, liquid methane, and synthetic aviation kerosene [NASA TN-80155] p0711 79-32637

Transverse Oscillation

Response of plate to nonstationary random load [NASA CR-158913] p0670 79-24978

Transverse Vibration

The method of discrete vortices --- for steady flow past finite-span wing p0316 79-28246

Investigation of aerodynamic characteristics of subsonic wings [NASA CR-158661] p0481 79-23921

Trees (Mathematics)

Application of the fault tree in fault testing and design improvement --- of aircraft components p0062 79-16585

Triangular Wings

Delta Wings
Triangle

Design, fabrication, and testing of a brassboard model ASTCRS based surface trilateration data acquisition subsystem [AD-A057933] p0161 79-14065

Triangular Wings

Delta Wings
Triangle

Design, fabrication, and testing of a brassboard model ASTCRS based surface trilateration data acquisition subsystem [AD-A057933] p0161 79-14065

Tuners

High power GMR slide screw tuner for antenna breakdown measurements [AD-A056430] p0036 79-10052

Tungsten

Predicted inlet gas temperatures for tungsten fiber reinforced superalloy turbine blades [AD-A056418] p0036 79-10052


Tungsten Inert Gas Welding

Gas Tungsten Arc Welding

Turbine Blades

Determination of the aerodynamic damping of turbine blade vibrations with allowance for the pitch, exit blade angle, and blade curvature [NASA CR-158913] p0670 79-31208

An axial compressor end-wall boundary layer calculation method [NASA CR-158913] p0076 79-10395

Performance and design of transpiration-cooled turbine blades [NASA CR-158913] p0076 79-10395

Turbine blade tip clearance measurement utilizing borescope photography [NASA CR-158913] p0100 79-10805


Influence of some factors on GTE turbine blade vibrational energy dissipation and [NASA CR-158913] p0100 79-10805

On calculating the temperature state of film-cooled turbine vanes [NASA CR-158913] p0100 79-10805


Influence of the pitch/chord ratio of a subsonic cascade of turbine blades [NASA CR-158913] p0100 79-10805


Application of the method of alternating directions to the numerical analysis of the thermal states of a bladed turbine disk [NASA CR-158913] p0100 79-10805


<table>
<thead>
<tr>
<th>Subject Index</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impact of soft bodies on jet engine fan blades</td>
<td>p0094 N79-12091</td>
</tr>
<tr>
<td>Research on aeroelastic phenomena in thin airfoil cascades</td>
<td>p0158 N79-1029</td>
</tr>
<tr>
<td>Small laminated axial turbine hot-rig test program</td>
<td>p0234 N79-16586</td>
</tr>
<tr>
<td>Turbine blade vibration data acquisition and feasibility testing</td>
<td>p0304 N79-18976</td>
</tr>
<tr>
<td>NT TF-30 ENGINE</td>
<td>p0304 N79-18979</td>
</tr>
<tr>
<td>NT Turbojet engines</td>
<td>p0304 N79-18980</td>
</tr>
<tr>
<td>Alternative turbine cooling technology</td>
<td>p0304 N79-18986</td>
</tr>
<tr>
<td>The aerodynamic penalties associated with turbine blade cooling</td>
<td>p0304 N79-18988</td>
</tr>
<tr>
<td>Nonlinear equations of equilibrium for elastic helicopter or wind turbine blades undergoing moderate deformation</td>
<td>p0309 N79-19418</td>
</tr>
<tr>
<td>An oxide dispersion strengthened alloy for gas turbine blades</td>
<td>p0369 N79-20160</td>
</tr>
<tr>
<td>Turbine blades: Erosion and Corrosion. Citations from the NIST Data Base</td>
<td>p0422 N79-22090</td>
</tr>
<tr>
<td>Design, fabrication, and evaluation of GATIZED (trade name) ceramic-wrought alloy attachment concepts for gas turbine engines</td>
<td>p0422 N79-22091</td>
</tr>
<tr>
<td>Turbine blades: Erosion and Corrosion. Citations from the Engineering Index Data Base</td>
<td>p0422 N79-22090</td>
</tr>
<tr>
<td>Turbine blades: Erosion and Corrosion. Citations from the AFAPL turbine engine heat transfer test facility</td>
<td>p0552 N79-27153</td>
</tr>
<tr>
<td>A contribution on thermal fatigue in cooled turbine blading</td>
<td>p0552 N79-27156</td>
</tr>
<tr>
<td>Three-dimensional finite-element techniques for gas turbine blade life prediction</td>
<td>p0552 N79-27159</td>
</tr>
<tr>
<td>Some theoretical and experimental investigations of stresses and vibrations in a radial flow rotor</td>
<td>p0552 N79-27158</td>
</tr>
<tr>
<td>Determining the dynamic response due to an imbalance at the attachments of a motor on a pod --- caused by rotor blade loss</td>
<td>p0556 N79-27171</td>
</tr>
<tr>
<td>Unstable flow regimes, including rotating stall, surge, distortions, etc.</td>
<td>p0587 N79-28560</td>
</tr>
<tr>
<td>Turbine engines in light aircraft</td>
<td>p0024 N79-12380</td>
</tr>
<tr>
<td>Advanced turbine powerplants for future helicopter systems</td>
<td>p0078 N79-16228</td>
</tr>
<tr>
<td>New technological advances in the development of helicopter turbine powerplants for the 1980's</td>
<td>p0078 N79-16232</td>
</tr>
<tr>
<td>Screening properties of silicon-base ceramics for turbine engine applications</td>
<td>p0150 N79-17999</td>
</tr>
<tr>
<td>Suction fuel supply systems for turbine powered general aviation aircraft</td>
<td>p0214 N79-24304</td>
</tr>
<tr>
<td>Applying design-to-life cycle cost methods during engine advanced development</td>
<td>p0257 N79-25902</td>
</tr>
<tr>
<td>Turbine engine cost reduction using Life Cycle Cost techniques</td>
<td>p0257 N79-25903</td>
</tr>
<tr>
<td>The balance of flexible rotors and their possible use in aero engines</td>
<td>p0328 N79-25389</td>
</tr>
<tr>
<td>High-freezing-point fuels used for aviation turbine engines</td>
<td>p0391 N79-30555</td>
</tr>
<tr>
<td>The GATE studies - Assessing the potential of future small general aviation turbine engines</td>
<td>p0342 N79-30560</td>
</tr>
<tr>
<td>New opportunities for future small civil turbine engines - Overviewing the GATE studies</td>
<td>p0457 N79-36747</td>
</tr>
<tr>
<td>General aviation turbine engine/GATE concepts</td>
<td>p0467 N79-38964</td>
</tr>
<tr>
<td>What small turbine engine does the small helicopter need, or The road to hell is paved with good intentions --- fuel consumption, performance, environmental and engine reliability and acceptability considerations subordinating advanced turbine engine development for small helicopters</td>
<td>p0471 N79-39032</td>
</tr>
<tr>
<td>Further test results with the airjet distortion generator - A new tool for aircraft turbine engine testing</td>
<td>p0510 N79-40752</td>
</tr>
<tr>
<td>Computer aided design of mixed flow turbines for turbocarbons</td>
<td>p0563 N79-44749</td>
</tr>
<tr>
<td>Advanced composites for turbines</td>
<td>p0694 N79-53889</td>
</tr>
<tr>
<td>Computer-aided analysis and design of the shape rolling process for producing turbine engine airfoils</td>
<td>p0904 N79-12087</td>
</tr>
<tr>
<td>Advanced fault detection and isolation methods for aircraft turbine engines</td>
<td>p1014 N79-13053</td>
</tr>
<tr>
<td>A thermal investigation of the AFAPL turbine engine heat transfer test facility</td>
<td>p1017 N79-14117</td>
</tr>
<tr>
<td>The Nasa high pressure facility and turbine test rig</td>
<td>p1017 N79-14150</td>
</tr>
<tr>
<td>High freezing point fuels used for aviation turbine engines</td>
<td>p1018 N79-15199</td>
</tr>
<tr>
<td>The gate studies: Assessing the potential of future small general aviation turbine engines</td>
<td>p1020 N79-15598</td>
</tr>
<tr>
<td>New opportunities for future small civil turbine engines: Overviewing the GATE studies</td>
<td>p1020 N79-15598</td>
</tr>
<tr>
<td>The feasibility of controlling turbine engine test cell particulate emissions with a baghouse</td>
<td>p1023 N79-16184</td>
</tr>
<tr>
<td>Briefs of accidents involving turbine powered aircraft, US general aviation, 1977</td>
<td>p1024 N79-16185</td>
</tr>
<tr>
<td>Cold-air performance of free power turbine designed for 112-kilowatt automotive gas-turbine engine. 2: Effects of variable static-air-reference chord setting angle on turbine performance</td>
<td>p1029 N79-17830</td>
</tr>
<tr>
<td>Composite seal for turbo machinery --- backings for turbine engine shrouds</td>
<td>p1029 N79-17859</td>
</tr>
<tr>
<td>Failure studies of a third stage fan disk from a TF-30 turbine engine</td>
<td>p1029 N79-18318</td>
</tr>
</tbody>
</table>
TURBOCOMPRESSORS CONTD

SUBJECT INDEX

An axial compressor end-wall boundary layer calculation method
[ASME PAPER 78-GT-81] p0007 A79-10767
Representation of compressor characteristics in coordinates convenient for computer calculation of GTE parameters
p0058 A79-14844
Technology evolution in the Allison Model 250 engine
for helicopter propulsion
p0124 A79-19681
Operation of a multistage axial compressor with nonbladed blades from viewpoint of three-dimensional axisymmetric flow theory
p0125 A79-19382
Numerical investigations on the generation and development of rotating stalls
p0149 A79-19793
Periodically unsteady flow in an inlet stage of a multistage, axial-flow turbine engine
p0195 A79-22328
Propagation of inlet flow distortions through an axial compressor stage
p0213 A79-22235
Effect of compressor geometry on the unsteady regimes of a low speed compressor
p0213 A79-24219
A fundamental criterion for the application of rotor casing treatment --- in axial flow compressors
p0213 A79-24220
An experimental study of pulsatung flow in a three stage axial flow compressor
p0213 A79-24221
Turbulence characteristics in the near wake of a compressor rotor blade
[ASIA PAPER 79-0290] p0260 A79-26544
Axial compressor operation with radially nonuniform inflow
p0280 A79-27743
Effect of hub and tip annular flow blockage on the performance of a single-stage axial-flow compressor
[ASIA 79-7001] p0327 A79-29377
Symmetric distortion generation in a variable height annular flow [ASIA 79-7002] p0327 A79-29378
Effects of inlet distortions on a multi-stage compressor
[ASIA 79-7003] p0327 A79-29379
An extension of the classical cascade model to a 3D model for blade-hub and blade-casing interaction - Experiments and calculations
[ASIA 79-7029] p0329 A79-29401
Aerodynamic development and performance of the CTG-6/LE2500 compressor
[ASIA 79-7030] p0329 A79-29402
Study of the flow field behind a transonic axial compressor rotor using laser-anemometry and unsteady pressure measurements
[ASIA 79-7036] p0330 A79-29405
Blade-to-blade pressure, temperature, and velocity profiles downstream of a single rotor row at high subsonic speed
[ASIA 79-7037] p0331 A79-29419
Experimental and analytical investigation of the effects of Reynolds number and blade surface roughness on multistage axial flow compressors
[ASIA PAPER 79-GT-2] p0339 A79-30501
Axial-flow compressor turning angle and loss by inviscid-viscous interaction blade-to-blade computation
[ASIA PAPER 79-GT-2] p0339 A79-30504
Mean velocity and decay characteristics of the guideway and stator blade wake of an axial flow compressor
[ASIA PAPER 79-GT-9] p0339 A79-30507
Computation of supercritical compressor and turbine cascades with a design method for transonic flows
[ASIA PAPER 79-GT-30] p0340 A79-30516
Influence of freely rotating inlet guide vanes on the return flows and stable operating range of an axial flow fan
[ASIA PAPER 79-GT-31] p0340 A79-30517
Experimental investigation of the effect of inlet distortion on compressor blade vibrations
[ASIA PAPER 79-GT-31] p0341 A79-30558
Study of compressor aerodynamic instabilities in a linear cascade wind tunnel

[ASIA PAPER 79-GT-7] p0380 A79-32296
An off-design correlation of part-span losses through transonic axial fan rotors
[ASIA PAPER 79-GT-6] p0390 A79-32297
Design and testing of two supercritical compressor cascades
[ASIA PAPER 79-GT-11] p0390 A79-32330
Unsteady upstream effects in axial-flow supersonic compressor stages
[ASIA PAPER 79-GT-5] p0391 A79-32350
The influence of the blading surface on the aerodynamic and characteristic of an axial compressor
[ASIA PA 79-GT-102] p0392 A79-32378
Forced vibrations of a single stage axial compressor rotor
[ASIA PAPER 79-GT-108] p0392 A79-32383
Optimization for rotor blades of tandem design for axial flow compressors
[ASIA PAPER 79-GT-125] p0393 A79-32394
The prediction of steady, circumferential pressure and temperature distortions in multistage axial flow compressors
[ASIA PAPER 79-GT-97] p0396 A79-32443
Wind tunnel model study of the hot exhaust plume from the compressor research facility at Wright-Patterson Air Force Base, Ohio
[ASIA PAPER 79-GT-185] p0396 A79-32445
Selected problems concerning unstable operation of aircraft turbine engine compressors
p0397 A79-32599
Preliminary studies using photon correlation velocimetry in turbomachinery and combustion systems
p0405 A79-33174
Allowing for the wall boundary layer in an axial compressor stage
p0451 A79-36586
Selection of aircraft turbocharger systems
[SAE PAPER 790608] p0456 A79-36739
Effects of air injection on a turbocharged Teledyne Continental Motors T520-360-C engine
[SAE PAPER 790607] p0459 A79-36760
Combined pressure and temperature distortion effects on internal flow of a turbine engine
[ASIA PAPER 79-1309] p0471 A79-39931
Experimental studies of axial and radial compressors by means of new measurement techniques
p0512 A79-41227
Computer aided design of mixed flow turbines for turbocaptors
[ASIA PAPER 79-GT-191] p0563 A79-44979
Laser velocimeter applied to the study of circular distortion effects in a low speed compressor
Apparatus and method for reducing thermal stress in a turbine rotor
[NASA-CSC-LEW 12232] p0577 A79-10045
Performance of single-stage axial-flow transonic compressor with rotor and stator aspect ratios of 1.19 and 1.26, respectively, and with design pressure ratio of 1.82
[NASA-TP-1338] p0577 A79-10060
Analysis, design, fabrication and testing of the Mini-Brayton rotating unit (MINI-980). Volume T: Figures and drawings
Analysis of supersonic stall bending flutter in axial-flow compressor by actuator-disk theory
[NASA-TP-1345] p0599 A79-13003
A new blade element method for calculating the performance of high and intermediate solidity axial flow fans
Analysis of water ingestion effects in axial flow compressors
[AD-A091025] p0104 A79-13052
Comparison between flows in cascades and rotors in the transonic regime. I: Comparison of experimental and theoretical results of flow studies on blade-to-blade surfaces in an axial compressor rotor
p0305 A79-19902
Aerodynamic and Mechanical factors affecting the surge line and flow distortion influences on axial flow compressors
p0307 A79-19363
Industrial Centrifugal Compressors, Volume 2
[VKI LECTURE SERIES 95 VOL 2] p0309 A79-19369

Design of multistage compressors with consideration of the real behavior of gas and gas mixtures

Development testing of stages for centrifugal process compressors

Turbocharger design and development --- technology assessment and design optimization

A study of inlet conditions for three-dimensional transonic compressor flows

Effects of air injection on a turbocharged Teledyne Continental Motors TSO-360-C engine

Circumferential asymmetry in axial flow compressor

A stall criterion for cascades

Pressure distributions on axial flow compressor blading and comparison with distributions on similar cascade blading

Summary of applied research programs being conducted on miniature turbomachines for producing cryogenic temperatures operating on gas bearings turbo compressors and expanders.

Utilizing helium and nitrogen as working fluids

Two-stage supercharger sets: Efficiency and head contribution under full- and part-load conditions

The influence of compressor inlet guide vane/rotor relative circumferential positioning on blade wake transport and interaction

Unsteady rotor blade loading in an axial compressor with steady-state inlet distortions

Distortions, rotating stall and mechanical solicitations

Review of the NASA S and N panel evaluation program of the NASA-Levin SRP approach to high-temperature LCF life prediction

Axial compressor stall --- effects on aircraft engines

Contribution to the calculation of the dynamic behavior of industrial turbocompressor circuits

Aerodynamic performance of 1.38-pressure-ratio, variable-pitch fan stage

An actuator disk analysis of an isolated rotor with distorted inflow

Handling problems resulting from compressor deterioration --- in single engine jet aircraft

Tunnel 16T performance: Two- and three-stage compressor performance

Compressor research facility aerodynamics analysis

Effects of diffusion factor, aspect ratio and solidity on overall performance of 14 compressor middle stages --- the effects of varying both diffusion through the rotor and compressor blading and blade aspect ratio

TURBOPAR AIRCRAFT

NT TF-91 ENGINE

The CF6-32 as a derivative engine of the CF6-6

The F100-P-402 - New member of the family

A design point correlation for losses due to part-span dampers on transonic rotors

Advanced turbofan engines for low fuel consumption

Seeking turbofan engines more energy efficient

Research of the XA-197 turbofan engine

Design of a multivariable controller for a high-order turbofan engine model by Zakian's method of inequalities

Statistical evaluation of reverse influence on bypass turbojet engine parameters in the forward thrust regime

The effect of intake conditions on supersonic flutter in turbofan engines

The Tri-Pen Y-901 propulsion/control concept

Definition of electronic engine control environment for an advanced aircraft engine

Definition of EMD-1500 jet engine

Definition of EMD-2500 jet engine

Impact behavior of filament-wound graphite/epoxy fan blades --- foreign object damage to turbofan engines

Effect of forward velocity and crosswind on the reverse-thrust performance of a variable-pitch fan engine

A sensitivity analysis for the F100 turbofan engine using the multivariable Nyquist array --- feedback control design

Total pressure recovery of flared fan nozzles used as inlets

Engine technology for production turbofan engines

Measured and predicted noise of the AVCO-Lycoming TF-102 turbofan engine

Full-scale engine tests of bulk absorber acoustic inlet treatment

The application of finite element techniques to transonic rotors

Evaluation of two inflow control devices for flight simulation of fan noise using a JT15D engine

Effects of inflow distortion profiles on fan noise levels generated at the NASA- Ames 40- by 80-foot wind tunnel

Evaluation of two inflow control devices for flight simulation of fan noise using a JT15D engine

Flight effects on noise generated by the JT8D engine with inverted primary/fan flow as measured in the NASA- Ames 40- by 80-foot wind tunnel

Analysis of radiation patterns of interaction tones generated by inlet rods in the JT15D engine

Unsteady stator response to upstream rotor wakes

Influence of bypass ratio change on fan aerodynamic characteristics

Investigation of wing shielding effects on CFM engine noise
Subject Index

afterburner
Gearbox casings of fibre-reinforced plastic for Aero engines p0083 79-16908
Coaxial flow noise - Isothermal flow for turbojet engine exhaust p0111 79-17058
Recent General Electric engine development testing for improved service life [ARPA PAPER 78099050] p0255 79-25876
Life cycle cost in preliminary engine design --- for F-15 [SAF PAPER 781032] p0257 79-25904
Experiments concerning the anomalous behavior of Aero-engine exhaust noise in flight [AIAA PAPER 79-0648] p0271 79-26930
Influence of bypass ratio on jet engine weight p0279 79-27737
Comparison of SUSBS and TJE characteristics in supersonic cruising flight --- Bypass Turbojet Engine p0280 79-27740
Characteristics of aeroelastic instabilities in turbomachinery - NASA full scale engine test results p0328 79-29386
Engine evaluation of a vibration damping treatment for inlet guide vanes [ASME PAPER 79-02-163] p0355 79-32425
The multiple application core engine - Sizing and usage criteria --- high-pressure rotors in jet engines [AIAA PAPER 79-1123] p0466 79-38953
Effect of shocks on film cooling of a full scale turbojet exhaust nozzle having an external expansion surface [AIAA PAPER 79-1170] p0467 79-38969
Evaluation of turbo-propulsion simulators as a testing technique for fighter aircraft [AIAA PAPER 79-1149] p0508 79-40480
Error localization in turbojet engines through determination of the characteristics of structural members --- Gera research project p0515 79-41827
CFMS5 - An act of cooperation, a new class of engine, a path towards the aerodynamics of tomorrow p0516 79-42065
A pneumatic distributor for the control system of a turbojet engine p0527 79-42574
Characteristics of afterburning bypass turbojet engine with oxygen injection into the afterburner chamber p0613 79-48519
An advanced technology engine family for general aviation [AIAA PAPER 79-1161] p0685 79-51705
Icing tests on turbojet and turbofan engines using the NGTE engine test facility p0032 79-10013
An experimental study of a catalytic combustor for an expendable turbojet engine p0045 79-11048
ATC accommodation of fuel conservative turbojet operations [AD-0055052] p0094 79-12089
An experimental investigation of turbojet test cell augmentors [AD-0055903] p0096 79-12101
Experimental evaluation of the effect of inlet distortion on compressor blade vibrations [AIAA PAPER 79-79065] p0226 79-16300
Turbojet blade vibration data acquisition design and feasibility testing [NASA-CS-155055] p0304 79-18976
Low cost expendable engine [AD-0062869] p0366 79-20125
Guide to in-flight thrust measurement of turbojets and fan engines [AGARD-AR-237] p0366 79-20127

Fundamentals of thrust measurement in flight
Experimental investigation of turbojet test cell augmentors [AD-0063172] p0380 79-21080
Effect of shocks on film cooling of a full scale turbojet exhaust nozzle having an external expansion surface [NASA-TM-79117] p0486 79-23966
Alternate subsonic low-cost engine [AD-0067277] p0542 79-26058
Handling problems resulting from compressor deterioration --- in single engine jet aircraft [NLR-MP-78019-0] p0707 79-32214

Turbojet Blades
NT COMPRESSOR BLADES
NT ROTOR BLADES (TURBOMACHINE)
NT STATOR BLADES
NT TURBINE BLADES

A low cost blade design for a Darrieus-type vertical-axis wind turbine p0064 79-14291
Automation of blade design for aircraft turbomachines --- Russian book p0126 79-18290
Design and development of a rotating water table for flow studies in turbomachine stages [ASME PAPER 78-VA/OC-16] p0127 79-17962
Impact behavior of filament-wound graphite/epoxy fan blades --- foreign object damage to turbofan engines p0189 79-20880
Computer programs of flow calculation on relative stream surfaces S1 and S2 employing non-orthogonal curvilinear coordinates and non-orthogonal velocity components and their application to the design of turbomachine blades based on three-dimensional flow [AIAA 79-7035] p0330 79-29460
Small disturbance swirl flow in turbomachinery blading p0334 79-29705
Aerodynamic and aeroelastic characteristics of oscillating loaded cascades at low Mach number. 1. - Pressure distribution, forces, and moments [ASME PAPER 79-GT-111] p0393 79-32386
Problems associated with flows in aerodynamic wakes of blade cascades p0534 79-43607
Aerodynamic excitation forces of blade vibrations in axial turbomachinery as a result of interference from nearby cascades p0616 79-48572
Model tests on cooling of gas turbine blades p0697 79-54237
Is the Weis-Fogh principle exploitable in turbomachinery --- aerodynamic lift generation without vortex shedding p0697 79-54362
Turbine Blade Cooling [Vrije Lector-Scriitis-83] p0304 79-18979
Research on the flutter of axial turbomachinery blading [AD-0063102] p0366 79-20126
High turning blade for axial flow isfan. Introduction and summary of the problems p0383 79-21068

Turbomachine
NT AXIAL FLOW TURBINES
NT CENTRIFUGAL COMPRESSORS
NT CENTRIFUGAL PUMPS
NT GAS TURBINES
NT SHROUDED TURBINES
NT SUPERSONIC TURBINES
NT TURBINE PUMPS

A-056
An experimental study of three-dimensional turbulent boundary layer and turbulence characteristics inside a turbomachinery rotor passage
[ASME PAPER 78-GT-114] p001 A79-1026

High efficiency fluid film thrust bearings for turbomachinery
[ASME PAPER 78-GT-114] p002 A79-1237

The application of foil air bearing turbomachinery in aircraft environmental control systems
[ASME PAPER 78-GT-114] p0027 A79-1256

High speed smoke flow visualization for the determination of cascade shock losses in turbomachinery ducts

Viscous flow analysis in air-blown flow rotors in turbomachinery
[ASME PAPER 78-RA/GT-3] p0149 A79-19792

Aerodynamics of fluid flow engines
[DOLPH PAPER 78-226] p0163 A79-29483

An integrated quasilinear finite element calculation program for turbomachinery flows
[ASME PAPER 78-GT-56] p0196 A79-22336

An alternating direction explicit method for computing three-dimensional viscous flow fields in turbomachines
[SAE PAPER 781001] p0256 A79-25884

The finite element method for turbomachinery analysis --- subsonic compressible flow
[SARE PAPER 78-1004] p0285 A79-29840

Elastomer mounted rotors - An alternative for smoother running turbomachinery
[ASME PAPER 78-GT-149] p0394 A79-32414

Radial equilibrium in axial turbomachines
[ASN PAPER 79-E-56] p0461 A79-37028

The role of three-dimensional flow analysis in the design of turbomachinery
[ASAT PAPER 79-1231] p0470 A79-38995

Experimental analysis methods for unsteady flows in turbomachines
[ONERA, TP NO. 1979-59] p0476 A79-39095

Computer-assisted high-speed balancing of T53 and T55 power turbines
[ASR 79-36] p0631 A79-49088

Use of coatings in turbomachinery gas path seals
[SAE PAPER 79-11058] p0675 A79-21068

Turbomachinery flutter: Introductory concepts
[PSPT PAPER 79-19353] p0307 A79-19353

Identification of various flutter regimes and discussion of dynamic stall
[PIPT PAPER 79-19135] p0307 A79-19354

Proceedings of the Seminar on Advanced Problems in Turbomachinery, part 1
[VI-LECTURE-SERIES-59-1-PT-1] p0382 A79-21013

Restrictive assumption and range of validity of Schlichting's cascade analysis
[PIPT PAPER 79-21058] p0382 A79-21058

High turning blading for axial flow machines
[Introduction and summary of the problems
P0383 A79-21068

Extensions to the tested range of a cascade flow calculation method
[PIPT PAPER 79-21070] p0383 A79-21070

Summary of applied research programs being conducted on microturboimachinery for producing cryogenic temperatures operating on gas bearings and turbines and expanders utilizing helium and nitrogen as working fluids
[PIPT PAPER 79-21024] p0421 A79-22097

The effects of design and operating variables on the response of an axial flow fan to inlet flow distortions
[PIPT PAPER 79-15852] p0421 A79-22087

Design problems in small turbomachinery
[PIPT PAPER 79-21072] p0421 A79-22087

Sample calculation 4: Phi = 9 deg 57'
[PIPT PAPER 79-21072] p0427 A79-22090

The effects of design and operating variables on the response of an axial flow fan to inlet flow distortions
[PIPT PAPER 79-21072] p0437 A79-23094

Transonic flows in turbomachinery. Volume 1: Theory, part 2

Centrifugal-reciprocating compressor
[ASME-CASE-NP-1-1097-1] p0448 A79-23043

Design of shock-free transonic flow in turbomachinery
[ASME-CASE-NP-1-1097-1] p0451 A79-27140

A three dimensional flow computing system applicable to axial and radial turbomachines
[ASME-CASE-NP-1-1097-1] p0587 A79-28558

Unstable flow regimes, including rotating stall, surge, distortions, etc.
[ASME-CASE-NP-1-1097-1] p0587 A79-28560

An experimental study of the response of a turbomachinery to a low frequency inlet distortion
[ASME-CASE-NP-1-1097-1] p0716 A79-33203

TURBOPROP AIRCRAFT

NT C-130 AIRCRAFT
NT T-2 AIRCRAFT
NT F-27 AIRCRAFT
NT N-262 AIRCRAFT
NT T-34C AIRCRAFT
NT T-35 AIRCRAFT

Optimization of jet distribution along the blade for FTOL jet propelled rotor
[ASME-CASE-NP-1-1097-1] p0129 A79-18641

Press-fan propulsion - Its status and potential
[ASME-CASE-NP-1-1097-1] p0271 A79-26933

Noise transmission - Turboprop problem
[ASME-CASE-NP-1-1097-1] p0271 A79-26933

Aerodynamic data development for the turboprop T-94A Operational Flight Trainer
[ASME-CASE-NP-1-1097-1] p0567 A79-45317

The aerodynamics of advanced turbopropellers
[ASME-CASE-NP-1-1097-1] p0643 A79-50236

Wind tunnel performance of four energy efficient turbopropellers designed for Mach 0.8 cruise --- Lewis 826 foot wind tunnel studies for noise reduction in high speed turboprop aircraft
[ASME-CASE-NP-1-1097-1] p0356 A79-20069

Interference effects of aircraft components on the local blade angle of attack of a wing-mounted propeller
[ASME-CASE-NP-1-1097-1] p0498 A79-25021

Driftdown calculations for the YH/227D aircraft
[SAND-78-1807] p0563 A79-30182

TURBOPROP ENGINES

NT T-53 ENGINE

Evolution of the turboprop for high speed air transportation
[ASME PAPER 78-GT-2011] p0012 A79-10821

Certain problems which had to be solved between the prototype stage and mass production stage in the development of an engine --- turboprop engine tests
[ASME-CASE-NP-1-1097-1] p0026 A79-12532

Modern engine development test techniques --- for helicopters
[ASME-CASE-NP-1-1097-1] p0138 A79-16080

Turboprop engine noise studies
[ASME PAPER 79-0647] p0271 A79-26931

Vibration measurements on planetary gears of aircraft turbine engines
[ASME-CASE-NP-1-1097-1] p0328 A79-29387

The growth and evolution of the TPE331
[ASME-CASE-NP-1-1097-1] p0395 A79-32426

Wind tunnel performance of four energy efficient turbopropellers designed for Mach 0.8 cruise
[ASME-CASE-NP-1-1097-1] p0459 A79-36759

Tone noise of three supersonic helical tip speed turbopropellers in a wind tunnel
[ASME-CASE-NP-1-1097-1] p0478 A79-39801

Energy efficient aircraft engines
[ASME-CASE-NP-1-1097-1] p0609 A79-47918

TURBOPUMPS

NT TURBINE PUMPS

TURBONROTORS

NT INTERFERENCE WHEELS

TURBOSHAPS

Maintainability by design --- turboshaf engine management
[ASME-CASE-NP-1-1097-1] p0074 A79-15410

Advanced turbine powerplants for future helicopter systems
[ASME-CASE-NP-1-1097-1] p0078 A79-16228

The Rolls-Royce Gas turboshaf engine for helicopters and its future developments
[ASME-CASE-NP-1-1097-1] p0078 A79-16237

800 shaft horsepower advanced technology demonstrator engine --- turboshaft for military
TURBULENCE NITERS

TURBULENCE SUBJECT INDEX

- NT GUSTS
- NT ATMOSPHERIC TURBULENCE
- NT 109 LEVEL TURBULENCE
- NT CLEAR AIR TURBULENCE
- NT ISOTROPIC TURBULENCE

Laser velocimetry measurements on high temperature round and rectangular twin-jet flows

Experiments clean combustor program: Phase 3: Turbulence measurement addendum

TURBULENT BOUNDARY LAYERS

- NT ADVERSE PRESSURE GRADIENTS EFFECTS ON SUPERSONIC BOUNDARY LAYER TURBULENCE
- NT TURBULENT BOUNDARY LAYER
- NT TURBULENT FLOW

ONPRA, TP NO. 1978-153

TURBULENT DIFFUSION

Turbulence characteristics of compressor discharge flows --- J97D engine tests

Influence of turbulence on drag

Stability of the perturbed longitudinal motion of a lift-controlled aircraft

Effects of the superposed flow below a wing and a superposed free jet (two-dimensional situation)

Turbulence measurement addendum

Propeller unsteady thrust due to operation in turbulent inflows

Weak extinction limits of turbulent flowing mixtures --- flame stabilization

Experimental study of an asymmetric thermal wake

Density changes and turbulence production in the expansion or compression of a turbulent flow at supersonic speed

On the laminar separation, transition, and turbulent reattachment of low Reynolds number flows near the leading edge of airfoils

A-556
Mean velocity and decay characteristics of the guidevane and stator blade wake of an axial flow compressor

[ASME PAPER 79-CT-6]
p0339 A79-30507

Wake turbulence and the jumbo jets — those responsibility, pilot or controller

Preliminary studies using photon correlation velocimetry in turboachinery and combustion systems

Turbulent wake measurements with a laser velocimeter

[ASIA PAPER 79-1087]
p0662 A79-38058

Modeling of turbulent wakes in ideal fluids

Problems associated with flows in aerodynamic wakes of blade cascades

Harmonic oscillations of annular wing in steady ideal fluid flow

Experimental study of the turbulent wake downstream of a fan jet

Measurement of aircraft wakes at 250-meter altitude with a 10.6-micron CW laser Doppler velocimeter

Axial flow in trailing line vortices

[AD-A057075]
p0691 A79-53517

Computation of turbulent near wake for asymmetric airfoils

[NASA-TM-78581]
p0359 A79-20061

TURBULENT FLOW

Folded shear plane control apparatus for aircraft steering and stabilization

[ASIA 79-1682]
p0569 A79-85344

A study of the application of singular perturbation theory — development of a real time algorithm for optimal three dimensional aircraft maneuvers

[NASA-CR-3167]
p0658 A79-30194

TURBULENT AERODYNAMIC

5 CL-61 AIRCRAFT

6 THRUST VECTOR CONTROL

TWISTED WINGS

The aerodynamically controllable rotor concept

[ASIA 79-58-59]
p0125 A79-18180

Wind-tunnel test results of a full-scale multicyclic controllable twist rotor

[ASIA 79-60-60]
p0125 A79-18181

TWISTING

Twisting of the blades of an axial turbine stage during tangential inclination of the nozzle blades

[AD-A057078]
p0277 A79-42569

RAM structural development design methodology — aerodynamic tailoring of the canard and wing box and distributed load tests

[NASA-CR-144886]
p0705 A79-32197

TWO DIMENSIONAL BODIES

An experimental study of the dynamic forces acting on an airfoil

[AD-A056127]
p0085 A79-12000

A new two-dimensional oscillating wing apparatus for unsteady aerodynamic research

[AD-A056127]
p0352 A79-20004

TWO DIMENSIONAL BOUNDARY LAYER

Flow around a circular cylinder near a plane boundary

Interaction of the supersonic flow below a wing and a supersonic free jet (two-dimensional situation)

[VTH-18-268]
p0268 A79-17819

TWO DIMENSIONAL FLOW

Oscillating airfoils, II — Newtonian flow theory and application to power-law bodies in hyperconvex flow

[AD-A056127]
p0059 A79-13976

2D simulation of unsteady phenomena on a rotor — helicopter design

The plane turbulent impinging jet

[AD-A056127]
p0129 A79-18646

The calculation of two-dimensional compressible potential flow in cascades using finite area techniques

[ASIA PAPER 79-0077]
p0140 A79-19522

A similarity rule for compressibility and side-wall-boundary-layer effects in two-dimensional wind tunnels

[AD-A056127]
p0141 A79-19535

A model of transverse fuel injection applied to the computation of supersonic combustor flow

[ASIA PAPER 79-0359]
p0147 A79-19538

Propagation of inlet flow distortions through an axial compressor stage

[AD-A056127]
p0149 A79-19668

Theoretical study of simultaneous two-dimensional high-pressure and one-dimensional low-pressure flows of an ideal gas in ejector nozzles

[NASA-TM-78581]
p0379 A79-22337

Profilng of two-dimensional and three-dimensional nozzles and calculation of their flows

[ASIA PAPER 79-0077]
p0863 A79-38168

Effect of base cavities on the aerodynamic drag of an axisymmetric cylinder

[NASA-CR-3167]
p0535 A79-43711

A fast, conservative algorithms for solving the transonic full-potential equation

[NASA-TM-78581]
p0565 A79-45261

A two-dimensional unsteady Euler-equation solver for flow regions with arbitrary boundaries

[NASA-TM-78581]
p0585 A79-45269

Trailing-edge flows at high Reynolds number

[ASIA PAPER 79-1503]
p0575 A79-46697

Effect of viscosity on wind-tunnel wall interference for airfoils at high lift

[NAS-A PAPER 79-75-134]
p0577 A79-46715

A simple fluid-flow model of ground effect on hovering

[AD-A056127]
p0868 A79-12052

The prediction of two-dimensional airfoil stall progression

[AD-A056127]
p0357 A79-20051

Langley's two-dimensional research facilities: Capabilities and plans

[AD-A056127]
p0358 A79-20055

Viscous-inviscid flow matching: Numerical method and applications to two-dimensional, transonic and supersonic flows

[AD-A056127]
p0376 A79-20977

Two-dimensional compressible potential flow around profiles in cascade

[AD-A056127]
p0383 A79-21059

Two-dimensional aeroelastic probe — two dimensional flow, wind tunnel tests

[AD-A056127]
p0866 A79-23146

A new approach to the solution of large, full matrix equations: A two-dimensional potential flow feasibility study

[NASA-CR-3173]
p0676 A79-31553

TWO DIMENSIONAL JETS

The development and structure of turbulent plane jets

[AD-A056127]
p0137 A79-18837

The amplification factor in the two-dimensional interaction between a transverse sonic jet and a supercritical flow

[AD-A056127]
p0526 A79-42565

TWO PHASE FLOW

Suction fuel supply systems for turbine powered general aviation aircraft

[AD-A056127]
p0214 A79-24304

Convective heat exchange of gas-particle stream in flow passage of throttling device with vane-type turning element

[AD-A056127]
p0260 A79-27742

Experimental investigation of the aerodynamic drag of simple bodies in two-phase flow

[AD-A056127]
p0529 A79-43177

Analysis of water ingestion effects in axial flow compressors

[AD-A056127]
p0103 N79-13052

TWO STAGE TURBINES

An analytical method of evaluating the effect of cooling air on air-cooled turbine performance utilizing the small-deviation method

[AD-A056127]
p0337 A79-30380
Development of turbulence through non-steady boundary layer

Unsteady calculation of vortex sheets emitted by highly inclined lifting surfaces

20 Simulation of unsteady phenomena on a rotor --- helicopter design

Calculation of transonic aileron buzz

Trailing edge conditions for unsteady flows at high reduced frequency --- application of Kutta-Joukowsky condition

Unsteady thin airfoil theory for transonic flows with embedded shocks

Developing turbulence through non-steady aerodynamic characteristics of an unsteady separated flow

Periodically unsteady flow in an imbedded stage of a multistage, axial-flow turbomachine

Experimental investigation of unsteady phenomena in thin plates with high radial diffusers

Some features of the unsteady pressure field in transonic airfoil buffeting

Numerical predictions of the unsteady lift development on airfoils in a viscous fluid

Drag on an oscillating airfoil in a fluctuating free stream --- helicopter rotor blade application

Effect of compressor geometry on the unsteady regimes of a low speed compressor

Numerical study of unsteady flows of viscous incompressible fluids about airfoils by a combined method of order O(ε²) and O(ε²)

Unsteady flow of an incompressible liquid over slender permeable profiles

Instability of fluid flow in centrifugal injectors

An analysis of unsteady transonic flow in wind tunnels in subsonic frequency range

Unsteady airloads in supersonic transcritical flows

Experiments in unsteady transonic flow

A refined prediction method for supersonic unsteady aerodynamics with ATC partition scheme --- Aerodynamic Influence Coefficient

Density distribution in a non-stationary bow wave in a transonic flow

Görtler vortices in the nonlinear region --- unsteadiness development and onset in blowdown wind tunnels

The effect of chordwise flexibility on the lift of a rapidly accelerated airfoil

Facility for studying the action of unsteady supersonic gas streams on the blades of a plane cascade

Unsteady effects on a stalled wing in pulsed flow --- Comparison with back-and-forth oscillating case

Implementation of unsteady oscillatory flows in a transonic wind tunnel

Review of problems of unsteady aerodynamics of helicopters

Experimental studies of unsteady aerodynamics on wind tunnel models of helicopter rotors

Unsteady upstream effects in axial-flow supersonic compressor stages

The analysis of propellers including interaction effects --- for general aviation aircraft

Analysis of an unsteady aerodynamic force on a blade due to ununiform amplitude gust

Experimental analysis methods for unsteady flows in turbomachines

Unsteady hypersonic gas flow past a thin finite-span wing

Nonlinear mathematical simulation of unsteady flow past a helicopter rotor

Experiments on an aerofoil at high angle of incidence in longitudinal oscillations

Unsteady wing boundary layer energization

Fully conservative numerical solutions for unsteady irrotational transonic flow about airfoils

Theoretical flap-lag damping with various dynamic inflow models

Numerical solution of the problem of unsteady transonic flow around the front part of the wing with a detached shock wave

Improved sonic-box computer program for calculating transonic aerodynamic loads on oscillating wings with thickness

Technical evaluation report on the Fluid Dynamics Panel Symposium on Unsteady Aerodynamics

The use of sound absorbing walls to reduce dynamic interference in wind tunnels

Nonlinear interaction between mean and unsteady flowfields near Mach 1

Identification of unsteady effects in lift building

Effect of flow separation vortices on aircraft unsteady aerodynamics

A new two-dimensional oscillating wing apparatus for unsteady aerodynamics research

Unsteady viscous thin airfoil theory

Notes concerning testing time requirements in steady and unsteady measurements

Some remarks on the design of transonic tunnels with low levels of flow unsteadiness

An exploratory study of a finite difference method for calculating unsteady transonic potential flow

Unsteady rotor blade loading in an axial compressor with steady-state inlet distortions

Distortions, rotating stall and mechanical solicitations

Aeromechanics --- unsteady flow, aerelasticity, flutter, and servocontrol

A program to compute three-dimensional subsonic unsteady aerodynamic characteristics using the
SUBJECT INDEX

USA (UNITED STATES)

USER MANUALS (COMPUTER PROGRAMS)

UPWASH

URBAN PLANNING

URBAN RESEARCH

URBAN TRANSPORTATION

USER REQUIREMENTS

UTILITY AIRCRAFT

DOUBLET LATTICE METHOD, L216 (DEERFL), Volume 1: Engineering and usage


UNSWEEP WINGS

[SBM

UNIVERSITY TRANSPORTATION

UNIVERSAL WING WINDS

UPPER SURFACE BLOWN FLAPS

Calculation of the longitudinal aerodynamic characteristics of upper-surface-blown wing-flap configurations

[AIAA PAPER 79-0120] p0142 A79-19545

Pressure and velocity measurements in a three dimensional wall jet --- high lift V/STOL wing-flap

[1 AIAA PAPER 79-0352] p0146 A79-19683

Ground effect on USF configurations --- Upper Surface Blowing

p0191 A79-21525

An experimental study of USF flap noise reduction through mean flow modification --- Upper Surface Blown

[AIAA PAPER 79-0677] p0268 A79-26908

Analysis of some aerodynamic characteristics due to wing-jet interaction


Longitudinal aerodynamic characteristics of a vectored-engine-over-wing configuration at subsonic speeds --- Langley V/STOL tunnel tests

[NASA-TP-1533] p0712 N79-33616

UPWASH

Effect of nozzle spacing on ground interference effects for a two jet V/STOL aircraft

[AIAA PAPER 79-1856] p0635 A79-89339

URBAN PLANNING

Meeting airport ground access demands for the 1980's at Los Angeles International Airport

p0063 A79-14139

URBAN RESEARCH

The total energy cost of freight transport

p0065 A79-14322

Experimental investigation of helicopter flight modes on helicopter-generated noise

p0604 A79-47873

URBAN TRANSPORTATION

Meeting airport ground access demands for the 1980's at Los Angeles International Airport

p0063 A79-14139

Role of helicopters in airport access

p0128 A79-18574

Planning for airport access: An analysis of the San Francisco Bay area


Planning for airport access: An analysis of the San Francisco Bay area. Introduction and conclusions

p0042 N79-10943

Planning for airport access: An analysis of the San Francisco Bay area. The setting

p0042 N79-10944

Components of the airport access system

p0042 N79-10945

Planning for airport access: An analysis of the San Francisco Bay area. Existing studies

p0052 N79-10946

Planning for airport access: An analysis of the San Francisco Bay area. Technological options

p0042 N79-10947

Planning for airport access: An analysis of the San Francisco Bay area. Three subsystem designs

p0063 N79-10948

GBA (UNITED STATES)

USER MANUALS (COMPUTER PROGRAMS)

An automated procedure for computing the three-dimensional transonic flow over wing-body combinations, including viscous effects. Volume 2: Program user's manual and code description

[AD-A054908] p0087 N79-12027

General aviation airplane structural crashworthiness programmers manual

A-661

UTILITY AIRCRAFT

[FAA-RD-78-120] p0229 N79-163141

General purpose computer program for interacting supersonic configurations. User's manual --- determining unsteady aerodynamic forces


Airport vicinity air pollution model. Abbreviated version user's guide

[PAA-BD-78-111] p0298 N79-18475

User's manual for linear Time-Varying Simulation (Program TVRS)

[NASA-CR-159020] p0375 N79-20769

User's guide to data preparation: Photogrammetric navigation analysis program Fotonaut

[AD-A064614] p0419 N79-22070

User's manual for steady state and transient thermal analysis of a shaft-bearing system (SHABETH)

[AD-A064150] p0427 N79-22523

Futural VSTOL requirements --- Long range airspeed

[AIAA PAPER 79-0120] p0142 A79-19545

User's guide: Computer program with interactive graphics for analysis of plane frame structures (CFRAME)

[AD-A067349] p0503 N79-25428

Maintenance improvement. An analysis approach including interferential techniques. Volume 4: Software manual

[AD-A065838] p0580 N79-28131

Digital Avionics Information System (DAIS): Reliability and maintainability model user guide, volume 2 --- life cycle costs

[AD-A068026] p0593 N79-29182

A user's manual for a computer program to generate random spectrum loading sequences

p0668 N79-31198

A program to compute three-dimensional subsonic and supersonic aerodynamic characteristics using the doublet lattice method, L216 (DEERFL), Volume 1: Engineering and usage


Modal interpolation program, L215 (INTEBP). Volume 1: Engineering and usage


Research Aircraft Measurement System (RAMS) graphic system user guide

[FAA-RD-78-26] p0722 N79-33501

USER REQUIREMENTS

Principle of operation of Navstar and system characteristics

p0663 A79-14193

Texas Instruments Phase I GPS user equipment

p0663 A79-14190

Performance enhancements of GPS user equipment

p0663 A79-14191

Test and evaluation procedures for the GPS user equipment

p0663 A79-14192

GPS Phase I user equipment field tests

p0663 A79-14193

An analysis of the new construction regulations for military and civil aircraft construction with respect to the demonstration of serviceability

[DGLR PAPER 78-30] p0629 N79-49080

Future VSTOL requirements for omnidirectional low range airspeed

p0184 N79-20494

Can Europe choose a common fighter 

p0331 N79-29486

User requirements for future combat search and rescue vehicles

p0620 A79-48863

Can avionic testability requirements be enforced

p0629 A79-48887

Advanced Scout Helicopter flying qualities requirements - How realistic are they

[FA-78-26] p0629 A79-49080

UTILITY AIRCRAFT

[FAA-RD-78-120] p0229 N79-163141

General purpose computer program for interacting supersonic configurations. User's manual --- determining unsteady aerodynamic forces


Airport vicinity air pollution model. Abbreviated version user's guide

[PAA-BD-78-111] p0298 N79-18475

User's manual for linear Time-Varying Simulation (Program TVRS)

[NASA-CR-159020] p0375 N79-20769

User's guide to data preparation: Photogrammetric navigation analysis program Fotonaut

[AD-A064614] p0419 N79-22070

User's manual for steady state and transient thermal analysis of a shaft-bearing system (SHABETH)

[AD-A064150] p0427 N79-22523

Futural VSTOL requirements --- Long range airspeed

[AIAA PAPER 79-0120] p0142 A79-19545

User's guide: Computer program with interactive graphics for analysis of plane frame structures (CFRAME)

[AD-A067349] p0503 N79-25428

Maintenance improvement. An analysis approach including interferential techniques. Volume 4: Software manual

[AD-A065838] p0580 N79-28131

Digital Avionics Information System (DAIS): Reliability and maintainability model user guide, volume 2 --- life cycle costs

[AD-A068026] p0593 N79-29182

A user's manual for a computer program to generate random spectrum loading sequences

p0668 N79-31198

A program to compute three-dimensional subsonic and supersonic aerodynamic characteristics using the doublet lattice method, L216 (DEERFL), Volume 1: Engineering and usage


Modal interpolation program, L215 (INTEBP). Volume 1: Engineering and usage


Research Aircraft Measurement System (RAMS) graphic system user guide

[FAA-RD-78-26] p0722 N79-33501
Sikorsky S-76 stresses performance

Environmental factors affecting the installation and operation of gas turbine engines in agricultural aircraft.

[SAE PAPER 781010] p0256 A79-25802

Interactional aerodynamics of the single rotor helicopter configuration. Volume 4D: One-third octave band spectrograms of wake split-film data, fairings and surface devices --- utility aircraft.

[AD-A063000] p0360 N79-20074

Interactional aerodynamics of the single rotor helicopter configuration. Volume 6C: One-third octave band spectrograms of wake single film data, hubcaps and air ejectors --- utility aircraft.

[AD-A062140] p0360 N79-20075

Interactional aerodynamics of the single rotor helicopter configuration. Volume 7A: Frequency analyses of wake split-film data, build up to baseline --- utility aircraft.

[AD-A062639] p0360 N79-20076

Interactional aerodynamics of the single rotor helicopter configuration. Volume 7B: Frequency analyses of wake split-film data, open hubcaps --- utility aircraft.

[AD-A062641] p0360 N79-20078

Interactional aerodynamics of the single rotor helicopter configuration. Volume 7C: Frequency analyses of wake split-film data, solid hubcaps --- utility aircraft.

[AD-A062640] p0360 N79-20077

Interactional aerodynamics of the single rotor helicopter configuration. Volume 7D: Frequency analyses of wake split-film data, open hubcaps --- utility aircraft.

[AD-A062641] p0360 N79-20078

Interactional aerodynamics of the single rotor helicopter configuration. Volume 7F: Frequency analyses of wake split-film data, air ejectors with hubcaps --- utility aircraft.

[AD-A062117] p0361 N79-20080

Interactional aerodynamics of the single rotor helicopter configuration. Volume 7G: Frequency analyses of wake split-film data, fairings and surface devices --- utility aircraft.

[AD-A062642] p0361 N79-20081

Preliminary airworthiness evaluation B0-21 N helicopter --- V/STOL aircraft.

[AD-A066347] p0593 N79-29178

UTILIZATION

VT COAL UTILIZATION

VT LASE APPLICATIONS

VT REJS

VT WATER ENERGY UTILIZATION

An assessment of national risk: General concepts and overall approach --- carbon fiber utilization in commercial aviation.

p0426 N79-22208

V

V BAND

SUBJECT INDEX


Development of an inlet for a tilt nacelle subsonic V/STOL aircraft.

[ASRE PAPER 78-07-121] p0008 A79-10789

Aspects of short takeoff aircraft --- optimization of aircraft, airports and flight regimes.

[ASRE PAPER 79-11484] p0017 A79-11484

The sizing of a V/STOL aircraft for multimission application.

[ASRE 79-094] p0115 A79-16335

An innovative technique for static and dynamic V/STOL testing.

[ASRE 79-052] p0123 A79-1865

Composite wing technology on the AV-8B advanced aircraft.

[ASRE 79-537] p0124 A79-18716

Aerodynamics of wing-alipstream interaction especially for V/STOL configurations.

[ASRE 79-18643] p0129 A79-18643

The value of various technology advances for several V/STOL configurations.

[ASRE 79-18672] p0133 A79-18672


[ASRE 79-18675] p0133 A79-18675

IV-15 tilt rotor research aircraft and preliminary design of a larger aircraft for the U.S. Navy subsonic V/STOL mission.

[ASRE 79-18678] p0133 A79-18678

The Tri-Fan V/STOL propulsion/control concept.

[AIPI PAPER 79-0342] p0142 A79-19546

Critical considerations for wind-tunnel testing V/STOL aircraft models --- for hover/wingborne flight transition.

[AIPI PAPER 79-0332] p0145 A79-19671

Transition aerodynamics for close-coupled wing-canard configuration --- V/STOL operations.

[AIPI PAPER 79-0336] p0145 A79-19673

Pressure and velocity measurements in a three dimensional wall jet --- high lift V/STOL wing-flap interaction.

[AIPI PAPER 79-0352] p0146 A79-19683

Some basic test results of V/STOL jet induced lift effects in hover.

[AIPI PAPER 79-0339] p0202 A79-23553

Jet-induced aerodynamics of V/STOL aircraft over a moving deck.

[AIPI PAPER 79-0337] p0202 A79-23556

Low speed testing techniques for V/STOL aircraft in the Princeton dynamic model tracking.

[AIPI PAPER 79-0334] p0202 A79-23558

V/STOL aircraft engine and mechanical drive component integration.

[SAE PAPER 781039] p0258 A79-25906

Use of radio controlled models in the conceptual development of V/STOL aircraft.

[SAE PAPER 781050] p0258 A79-25915

Avionics systems needed to optimize V/STOL potential.

[SAE PAPER 781054] p0266 A79-26774

Skijump --- a great leap for tactical airpower --- V/STOL jet launching from upward-inclined ramp.

[AIPI 79-0996] p0276 A79-27361

Evaluation of IFP handling qualities of helicopters using the RAE airborne V/STOL simulator.

[AIPI 79-0702] p0276 A79-27365

Ship motion effects on landing impact loads --- V/STOL landing on aircraft carrier.

[AIPI 79-0672] p0320 A79-29014

V/STOL all weather HUD landing simulation /Status report/.

[AIPI 79-0992] p0331 A79-29978

Design benefits from V/STOL control/display simulation program at Lockheed.

[AIPI 79-29979] p0331 A79-29979

Future VSTOL requirements for on directional low range airspeed.

[AIPI 79-29980] p0331 A79-29980

An X-22A flight experiment to investigate control-display requirements for the AV-8B VTO aircraft.

[AIPI 79-29984] p0332 A79-29984

Augmented vectored thrust engines and the problem of avoiding hot gas recirculation.

[ASRE PAPER 79-07-10] p0339 A79-30508

Proper system considerations for the subsonic V/STOL.

[ASRE PAPER 79-07-57] p0398 A79-32934
VECTORS (NATURALITIES)
VECTOR SPACES
VECTOR CONTROL
VELOCITY DISTRIBUTION
VELOCITY
VEHICLE WHEELS
VELOCITY SENSORS
VELOCITY VECTOR
VELOCITY VECTORS
VELOCITY VECTORS (MATHEMATICS)
VELOCITY VECTOR CONTROL
VELOCITY VELOCITY
VELOCITY WAVE VECTOR
VELOCITY VELOCITY REDISTRIBUTION
VELOCITY VELOCITY REDISTRIBUTION
VELOCITY VELOCITY REDISTRIBUTION
VELOCITY VELOCITY REDISTRIBUTION
VELOCITY VELOCITY REDISTRIBUTION
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VELOCITY VELOCITY REDISTRIBUTOR
### VERTICAL FLIGHT

**Analysis of optimal loop and split-S by energy state modeling**

**Evaluation of an FM/CW range measurement system for VTOL landing**

**Flight test of a VTOL digital autoland system along complex trajectories**

**Evaluation of the navigation performance of shipboard-VTOL-landing guidance systems**

**On the limits of steep helicopter approaches**

**The characteristics of the spray generated by the efflux of various aircraft propulsors impinging normally on water**

**An experimental investigation of control-display requirements for a jet-lift VTOL aircraft in the terminal area**

**Description of the VTOL Approach and Landing Technology (VALT) CH-47 research system**

**VTOL controls for shipboard landing**

**Qualification tests for helicopters to be used on board ships**

**Feasibility demonstration of a vertical seeking seat steering system**

**Vertical-seeking autopilot design --- of thrust vector controlled ejection seat**

**Theoretical fundamentals of radio altimeter --- Russian book**

**VTOL STABILIZERS**

**STABILIZERS (FLUID DYNAMICS)**

**VTOL TAILS**

**TAIL ASSEMBLIES**

**VIRTUAL TAKEOFF**

A method for estimating takeoff and landing performance of V/STOL aircraft in shipboard environments

**Lift system induced aerodynamics of VTOL aircraft in a moving deck environment. Volume 1: Technical discussion**

**Environmental requirements for simulated helicopter/VTOL operations from small ships and carriers**

**Description of the VTOL Approach and Landing Technology (VALT) CH-47 research system**

**Qualification tests for helicopters to be used on board ships**

**VIRTUAL TAKEOFF AIRCRAFT**

**VTOL FLIGHT PATHS**

**VTOL X-22A AIRCRAFT**

**Development of a microwave multilateration system for VTOL landing guidance**

**High-performance VTOL for over-the-horizon targeting --- for surface to surface cruise missiles**

**Fly-by-wire for vertical lift**

**Optimization of jet distribution along the blade for VTOL jet propelled rotor**

**Recent progress in rotorcraft and powered-lift research**

**Status report on advanced development program utilizing circulation control rotor technology**

**Stoppable and stowable jet-flap rotor concept**

**Aerodynamic and thermodynamic characteristics of flow fields below VTOL vehicles in ground proximity**

**Effect of lip and centerbody geometry on aerodynamic performance of inlets for tilting-nacelle VTOL aircraft**

**VTOL aircraft optimal state-space tracking control**

**Evaluation of an FM/CW range measurement system for VTOL landing**

**Fundamentals of design. II - VTOL for combat aircraft**

**Parameter and state estimation applicable to aircraft identification problems**

**Effect of reduced visibility on VTOL handling quality and display requirements**

**Theoretical study of VTOL tilt-nacelle axisymmetric inlet geometries**

**Environmental requirements for simulated helicopter/VTOL operations from small ships and carriers**

**The aerodynamic and thermodynamic characteristics of fountains and some far field temperature distributions --- vertical takeoff aircraft ground effect**

**Display/control requirements for automated VTOL aircraft**

**Modern digital flight control system design for VTOL aircraft**

**Low-speed wind-tunnel investigation of a large-scale VTOL lift-fan transport model**

**Evaluation of composite wing for XFY-12A airplane, phase 2**

**Technical evaluation report on the 27th Guidance and Control Panel Symposium on the VTOL aircraft at Night and in Poor Visibility**

**Wind-tunnel investigation of highly maneuverable supersonic V/STOL fighter**

**The characteristics of the spray generated by the efflux of various aircraft propulsors impinging normally on water**

**A comparison of the V/STOL handling qualities of the VAK-191B with the requirements of AGARD report 577 and MIL-P-83300**

**An experimental investigation of control-display requirements for a jet-lift VTOL aircraft in the terminal area**

**Maintenance cost study of rotary wing aircraft, phase 2**

**VTOL controls for shipboard landing**

**Maritime patrol airship concept study**

**Aerodynamic performance of axial-flow fan stage operated at nine inlet guide vane angles --- to be used on vertical lift aircraft**

**Wind-tunnel investigation of a large-scale VTOL aircraft model with wing root and wing thrust control
A-466
Technical evaluation report on the 52nd Symposium of the Propulsion and Thermodynamics of Propulsion, Vibrations, Structural Integration and Engine Integration (Including Aerelasticity and Flutter) [NAS-A-TN-76261]

The promise of multicycle control --- to control fatigue blade loads and rotor vibration [NAS-A-TN-76261]

Radiation pattern sidelobes and null filling produced by aircraft vibration [AD-A070472]

VIBRATION DAMPERS

Determination of the aerodynamic damping of turbine blade vibrations with allowance for the pitch, exit blade angle, and blade curvature

Methods of application of harmonic control and suppression of flutter by blade pitch variation

Analysis of free torsional rotor blade oscillations under special consideration of asymmetrical wash-plate support

Master plan for reduction of vehicle interior noise

Reduction of cabin noise during cruise conditions by stringer and frame damping

Adaptive control of wing store flutter - a feasibility study

Design, development, and testing of an active flutter margin augmentation system for a commercial transport airplane

Decoupler pylon - A simple, effective wing/store flutter suppressor --- in fighter/attack aircraft

Recent progress in active controls applied to flutter suppressors

Friction damping of resonant stresses in gas turbine engine airfoils

Oil squeeze film dampers for reducing vibration of aircraft gas turbine engines

Engine evaluation of a vibration damping treatment for inlet guide vanes

Damping capacity of paired shrouded turbine blades in relation to shroud contact conditions

Evaluation of the aerodynamic damping of the oscillations of turbine blades with a view to pitch, stagger angle, and curvature of blades

Designing with damping materials to reduce noise and structural fatigue --- of aircraft components

The method of reducing aircraft turbine blade vibrations

Demonstration of aircraft wing/store flutter suppression systems

Dynamics requirements for the Advanced Scout Helicopter [ASR/ 79-19]

Evaluation of the practical aspects of vibration reduction using structural optimization techniques [AS 79-21]

Some theoretical and experimental investigations of vibrations and stresses in a radial flow rotor
VIBRATIONAL STRESS
Influence of rotor vane casting on alternating stress level in turbine rotor blades
Friction damping of resonant stresses in gas turbine engine airfoils
[AER PAPER 79-GT-109] p0392 A79-32384

VIBRATORY LOADING
Aerodynamic and aeroelastic characteristics of oscillating loaded cascades at low Mach number
[AER PAPER 79-GT-112] p0393 A79-32330
Model verification of force determination for measuring vibratory loads --- of rotors on helicopters
p0450 A79-36379

VISCOMETERS
Viscosity now

VIDEO COMMUNICATION
Global services systems - Space communication
p0008 A79-34761

VIDEO EQUIPMENT
General principles of automatic video trackers. II - area trackers
p0071 A79-15159
Airborne video recording system
p0114 A79-17608

VISCOELASTIC DAMPING
Rotord blade lag plane frequency optimisation using visco-elastic damping --- for helicopters
p0130 A79-18652
Reduction of cabin noise during cruise conditions by stringer and frame damping
[AIAA PAPER 78-506] p0315 A79-28611

VISCOELASTIC FLOW & VISCOELASTICITY
Research conducted by ONERA on the relationship between the behavior and cumulative damage of materials and structures
[ONERA, TP NO. 1976-2950] p0156 A79-20121

VISIBILITY
NT BODY VISIBILITY
Effect of viscosity on wind-tunnel wall interference for airfoils at high lift
[AIAA PAPER 79-1534] p0577 A79-96715
An artificial viscosity method for the design of supercritical airfoils
[NASA-CR-158840] p0580 A79-28136

VISCOUS AIRCHIPS
Temperature measurements on the Vickers Viscount stabilizer in flight under icing conditions
[FPAP-396] p0233 A79-16845
Ultrasonic inspection of wing spar attachment joints and lugs in viscous aircraft
[REPT-7610.910] p0558 A79-27523

VISCOUS DATING
NT VISCOELASTIC DAMPING
Significance of disk flexing in viscous-damped jet engine dynamics
[AIAA PAPER 78-GT-107] p0001 A79-10263

VISCOUS FLOW
NT BOUNDARY LAYER FLOW
NT BOUNDARY LAYER SEPARATION
NT HEATED FLOW
NT SECONDARY FLOW
NT SEPARATED FLOW
NT STOCH FLOW
Effect of viscosity on nonseparated transonic flow past a profile
p0221 A79-12205
Calculation of effect of viscosity on nonseparated subsonic flow past a wing with flap
p0222 A79-12240
Viscous transonic flows about 3-D wings
p0958 A79-12396
Comparative study of the convergence rates of two numerical techniques
p060 A79-12398
Viscous flow analysis in mixed flow rotors --- in turbomachinery
[AER PAPER 78-WA/GT-2] p0149 A79-19792
Computation of supercritical viscous flows over ogive-cylinders at angle of attack
[AIAA PAPER 77-0131] p0200 A79-23517
Numerical predictions of the unsteady lift development on airfoils in a viscous fluid
p0212 A79-24216
A shock capturing application of the finite element method --- to viscous compressible flow problems
p0247 A79-24771
Numerical study of unsteady flows of viscous incompressible fluids about airfoils by a combined method of order O/h2 and O/h4
p0248 A79-24829
An alternating direction explicit method for computing three-dimensional viscous flow fields in turbomachines
[SAB PAPER 761001] p0256 A79-25884
H-1/ least squares method for the Navier-Stokes equations --- numerical simulation of separated viscous flows around wings and airfoils
p0335 A79-29804
Parabolized Navier-Stokes solutions for hypersonic viscous flows over blunt cones at large angles of attack
p0335 A79-29806
Axial-flow compressor turning angle and loss by inviscid-viscous interaction blade-to-blade computation
[AER PAPER 79-GT-5] p0339 A79-30504
An application of 3-D viscous flow analysis to the design of a low-aspect-ratio turbine
[AER PAPER 79-GT-53] p0391 A79-32348
Hypersonic viscous shock layer on infinite-span arrow wings at angle of attack
p0410 A79-35158
A numerical solution of supersonic and hypersonic viscous flow fields around thin planar delta wings
p0332 A79-10018
Compressible viscous flowfields and a frame forces induced by two-dimensional lift jets in ground effect
[AD-A055923] p0406 A79-12022
An automated procedure for computing the three-dimensional transonic flow over wing-body combinations, including viscous effects.
Volume 2: Program user's manual and code description
[AD-A054998] p0087 A79-12027
Viscous-inviscid interaction analysis of thrust augmenting ejectors
[AD-A059546] p0175 A79-15055
Inverse transonic airfoil design methods including boundary layer and viscous interaction effects
[NASA-EM-158136] p0286 A79-17805
Calculation of supersonic viscous flow over delta wings with sharp subsonic leading edges
p0300 A79-18599
Viscous flows in centrifugal compressors
p0308 A79-19387
Upgraded viscous flow analysis of multi-element airfoils
p0356 A79-20040
Wake curvature and trailing edge interaction effects in viscous flow over airfoils
p0357 A79-20045
Unsteady viscous thin airfoil theory
[ACAR-RR-671] p0361 A79-20067
Viscous-inviscid flow matching: Numerical method and applications to two-dimensional, transonic and supersonic flows
p0376 A79-20977
Semidirect computation of three-dimensional viscous flows over suction holes in laminar flow control surfaces
[NASA-EM-159017] p0378 A79-21005
A viscous/potential flow interaction analysis for circulation-controlled airfoils
[AD-A067913] p0539 A79-26303
Finite element methods for inviscid and viscous flow problems
p0586 A79-28474
Multi-element airfoil viscous-inviscid interactions
A viscous flow analysis for the tip vortex generation process

VISIBILITY
NT LOW VISIBILITY
Automating prevailing visibility --- airport videograph sensor assessments
p0346 A79-31888
Visibility modelling for a landing simulator with special reference to low visibility
p0223 A79-15902
Evaluation of threshold and prethreshold lights for medium intensity approach lighting systems
[FAA-NA-78-44] p0237 A79-16878
VISUAL RADIATION

Visibility in aviation
Summary report of the Visibility Committee
Advanceds in cockpit cockpit technology
Forward scatter meter measurements of silent visual range
A report on atmospheric obstructions to visibility. Volume 1: Results of literature search -- bibliographies

VISIBLE RADIATION
LIGHT (VISIBLE RADIATION)
VISIBLE SPECTRUM

VISUAL AID
COLOR VISION
VISION
STEREOSCOPIC VISION

VISUAL AIDS

VISUAL CONTRAST

VISUAL SPECTRUM

VISIBLE LIGHT (VISIBLE RADIATION)

VISUAL CONTROL

STERNOTOMIC VISION

VISUAL AIDS

VISUAL CRITERIA FOR OUT OF THE COCKPIT VISUAL SCENES
Recent advances in television visual systems
A high resolution visual system for the simulation of in-flight refuelling
Wide angle visual system developments
Differences between simulation and real world at the IABC air to air combat simulator with a wide angle visual system
Approach light aiming criteria
Control and display concepts for combat aircraft -- head-up displays and helmet display sight system

VISUAL DISPLAYS

DISPLAY DEVICES

VISUAL EFFECTS

A program for determining flight simulator field-of-view requirements
P-16 advanced electro-optical pod field-of-view simulation study -- task complexity during laser guided weapons delivery

VISUAL FLIGHT

The effectiveness of pilot warning instruments -- An engineering model based upon flight test data
Aspects of traffic flow control in the approach region
Experience in the analysis of real and simulated collisions and dangerous encounters in German airspace
Effect of reduced visibility on VTOL handling quality and display requirements
Simulating the visual approach and landing
Methods for the validation of simulated images in visual flight simulation -- space perception during landing approach

VISUAL PERCEPTION

SPACE PERCEPTION

VISUALIZATION OF FLOW

FLOW VISUALIZATION

VOICE COMMUNICATION

GROUND-TO-GROUND COMMUNICATIONS
VOICE & DATA LINK

VOLATILIZATION

VAPORIZATION

VOLTAGE

ELECTRIC POTENTIAL

VOLTAGE BREAKDOWN

ELECTRICAL FAULTS

VOLTAGE MEASUREMENT

ELECTRICAL MEASUREMENT

VOLUMETRIC ANALYSIS

Closed power cycles' analysis

VOR KARMA

VOR KARMA EQUATION

Identification of aircraft parameters in turbulence with non-rational spectral density

VOR SYSTEMS

VHF COMMERCE NAVIGATION

VORTEX BREAKDOWN

Flow past a small-aspect-ratio delta wing with vortex filament breakdown
Interference of vortices with shocks in airfoils -- Dissipation of vortices
Flow around small-aspect-ratio delta wing with vortex 'bursting'
Flow-field in a vortex with breakdown above sharp edged delta wings
Investigation of aerodynamic characteristics of supersonic wings
Ground-based measurements of the wake vortex characteristics of a B-747 aircraft in various configurations
The wake Vortex Advisory System -- used for safe
aircraft landing

Benefits of aerodynamic interaction to the three surface configuration

Subsonic and transonic flows on a variable sweep wing

A viscous flow analysis for the tip vortex generation process

VORTEX SHEETS

VORTEX INJECTORS

VORTEX STREETS

VORTEX TUBES

VORTICES

NV KARNAN VORTEX STREET

NT RING TIP VORTICES

Theoretical estimation of nonlinear longitudinal characteristics of wings with small and moderate aspect ratio by the vortex-lattice method in incompressible flow

Synthesis of the thickness effect in the case of flow past a slender delta wing with leading edge vortices

The 'cloud-in-cell' technique applied to the roll unsteady calculation of vortex sheets emitted by highly inclined lifting surfaces

Recent advances in the solution of three-dimensional flow over wings with leading edge vortex separation

The calculation of non-linear aerodynamic characteristics of wings and their wakes in subsonic flow

Application of vortex lattice method for the evaluation of the aerodynamic characteristics of wings with and without strakes

Theoretical estimation of nonlinear longitudinal characteristics of wings with small and moderate aspect ratio by the vortex-lattice method in incompressible flow

NT KARNAN VORTEX STREET

Onset of leading edge separation effects under dynamic conditions and low Mach number

Mechanism of determination of the shedding frequency of vortices behind a cylinder at low Reynolds numbers

Sound absorption caused by vorticity shedding, demonstrated with a jet flow

Modeling of turbulent wakes in ideal fluids

Interference of vortices with shocks in airfoils - Dissipation of vortices

VORTEX TUBES

U VORTICIES

W VORTICES

NT WING TIP VORTICES

Experimental method for investigating preintake vortex circulation in engine air intakes

Recent theoretical developments and experimental studies pertinent to vortex flow aerodynamics - With a view towards design

Approximate calculation of the velocity field and the motion of vortices in the wake of a low-flying biplane

Vortex system at the nose part of a fuselage model at supercritical angles of attack and different Reynolds numbers

Problems in the method of discrete vortices for solving linear wing theory problems

Measurements in three-dimensional turbulent boundary layer on a paved flat plate induced by leading edge vortex

Influence of liquid oscillations in fuel line on bed of pump operating in regimes without reverse flow

Vortex pattern at the upper surface of a swept wing with a high angle of attack

The plane turbulent impinging jet

Experimental results on boundary layers and detached flows

Formation of a trailing vortex

The method of discrete vortices - for steady flow past finite-span wing

Goertler vortices in the nonlinear region - Unsteadiness development and onset in blowdown wind tunnels

Study of some characteristics of helicopter rotor operation on the basis of a numerical experiment

Practical design of minimum induced loss propellers

Vortex-induced oscillations - A selective review

Water tunnel visualization of the vortex flows of the F-15

The inner regions of annular jets

A study of some characteristics of the operation of a lifting propeller by numerical experiment

Is the Weis-Fogh principle exploitable in turbomachinery - aerodynamic lift generation without vortex shedding

Axial flow in trailing line vortices

Experimental investigation of wing tip configurations for alleviation of vortex wakes of aircraft

Analytical studies of separated vortex flow on highly swept wings

Aircraft wake vortex characteristics from data measured at John F. Kennedy International Airport

Presentings of the Aircraft Wake Vortices Conference

Vortex-lift roll-control device

Effect of flow separation vortices on aircraft unsteady aerodynamics

Jet noise radiation from discrete vortices

Vortex models on missile configurations - Computer program for determining aerodynamic coefficients and flow deflection

Vortex pattern development on the upper surface of a swept wing at high angle of attack

Evaluation of a wake vortex upset model based on simultaneous measurements of wake velocities and probe-aircraft accelerations

Secondary-flow-related vortex cavitation

Vortex pattern developing on the upper surface of a swept wing at high angle of attack

Subcritical drag minimization for highly swept wings with leading edge vortices
VULNERABILITY

An experimental investigation of the entrainment of a leading-edge vortex

Low-speed wind-tunnel parametric investigation of flight spoilers as trailing-vorter-alleviation devices on a transport aircraft model

[NASA-TP-1453]

Rotary-wing aerodynamics. Volume 1: Basic theories of rotor aerodynamics with application to helicopters --- momentum, vortexes, and potential theory

[NASA-CR-3097]

Performance of a vortex-controlled diffuser in an annular swirl-can combustor at inlet Mach numbers up to 0.53

[NASA-TP-1452]

Development of a viscous vortex/wing interaction program for thick wings with bounded leading edge

[NASA-65818]

Airframe wake vortices. A bibliography with abstracts

[NASA-CP-79-0166/J3]

Low-speed wind-tunnel investigation of wing fins as trailing-vorter-alleviation devices on a transport airplane model

[NASA-CR-3097]

Ground-based measurements of the wake vortex characteristics of a P-747 aircraft in various configurations

[NASA-TR-80474]

The computation of vortex flows by panel methods

[NASA-65818]

Rotary balance data for a single-engine general aviation design for an angle-of-attack range of 8 deg to 90 deg. 1: High-wing model B

[NASA-CR-3097]

Rotary balance data for a single-engine trainer design for an angle-of-attack range of 8 deg to 90 deg --- conducted in languely spin tunnel

[NASA-CR-3097]

A vortex lattice technique for computing ventilated wind tunnel wall interference

[AD-8070485]

W VERTICITY

Aerodynamic field induced by a jet penetrating a cross flow at subsonic velocities

[NASA-TP-1453]

A new approach for solving the vorticity and continuity equations in turbomachinery ducts

[AIAA PAPER 79-0046]

Near field problems in three-dimensional panel methods --- mathematical modeling of flow characteristics

[AD-8070485]

Prediction and measurement of the aerodynamic forces and pressure distributions of wing-tail configurations at very high angles of attack

[AD-8070205]

VQOTANDARD HELICOPTER

U CH-46 HELICOPTER

STOL

U VERTICAL LANDING

U VERTICAL TAKEOFF

VTOL AIRCRAFT

U VERTICAL TAKEOFF AIRCRAFT

VULNERABILITY

UH NUCLEAR VULNERABILITY

Vulnerability assessment of aircraft systems to indirect lightning effects

[AD-A0618193]

Total environment survivability methodology

[AD-A0618193]

NOVA-2S, a stiffened panel extension of the NOVA-2 computer program

[AD-A066436]

Advanced risk assessment of the effects of graphite fibers on electronic and electric equipment, phase 1 --- simulating vulnerability to airports and communities from fibers released during aircraft fires

[NASA-CP-79-0027]

A simulation model of attack helicopter vulnerability to hostile artillery fire

[AD-1060753]

Experimental methods for aircraft design qualifications in an exploding warhead environment

[AD-1060753]

W WINGS

U VARIABLE SWEEP WINGS

WIND AIRCRAFT WAKES

U HELICOPTER WAKES

U LAMINAR WAKES

U HEAVY WAKES

U PROPPELLER SLIPSTREAMS

U SLIPSTREAMS

U SUPERSONIC WAKES

U TURBULENT WAKES

Investigation of the profile drag and the mean and pulsation velocities in the wake of wings by means of a laser Doppler anemometer

[AD-A0618193]

Features of flow past slotted wings

[AD-A0618193]

Wake induced time-variant aerodynamics including rotor-stator axial spacing effects

[AD-A0618193]

The inner regions of annular jets

[AD-A0618193]

Interactional aerodynamics of the single rotor helicopter configuration. Volume 6-A: One-third octave band spectrograms of wake single file data, build-up to baseline

[AD-1060753]

Interactional aerodynamics of the single rotor helicopter configuration. Volume 6-A: Frequency analyses of wake single file data, hubcaps and air ejectors

[AD-1060753]

Wake curvature and trailing edge interaction effects in viscous flow over airfoils

[AD-1060753]

Interactional aerodynamics of the single rotor helicopter configuration. Volume 6-C: Development of a low-correction wind tunnel wall configuration for testing high lift airfoils

[AD-1060753]

WALL FLOW

A general correction method of the interference in 2-dimensional wind tunnels with ventilated walls

[AD-A0618193]

A similarity rule for compressibility and side-wall-boundary-layer effects in two-dimensional wind tunnels

[AD-A0618193]

A transonic wind tunnel interference assessment --- kinematic flows

[AD-A0618193]

Calculation of separated boundary-layer flows --- applied to stalled diffusers and external wedge flow

[AD-A0618193]

Development of a low-correction wind tunnel wall configuration for testing high lift airfoils

[AD-A0618193]

A fundamental criterion for the application of rotor casing treatment --- in axial flow compressors

[AD-A0618193]

An experimental study of endwall and airfoil surface heat transfer in a large scale turbine blade cascade

[AD-A0618193]

Allowing for the wall boundary layer in an axial compressor stage

[AD-A0618193]

On the evaluation of wall interference in two-dimensional ventilated wind tunnels by subsonic linear theory

[AD-A0618193]

Research on adaptive wall wind tunnels

[AD-A0618193]

WALL JETS

Pressure and velocity measurements in a three-dimensional wall jet --- high lift V/STOL wing-flap

[AD-A0618193]

Calculation of a laminar wall jet in a wake

[AD-A0618193]
Sound absorption through flow separation — A new possibility for acoustic attenuation of engines

**WALL PRESSURE**
- Transonic assessment of two-dimensional wind tunnel wall interference using measured wall pressures
- Estimation of tunnel blockage from wall pressure signatures: A review and data correlation

**WALL TEMPERATURE**
- The stability of the boundary layer on a swept wing with wall cooling

**WALLS**
- NT THIN WALLS
- NT BULKHEADS
- NT WIND TUNNEL WALLS
- Wind tunnels with adapted walls for reducing wall interference

**NATURAL ENGINES**
- A review of Curtiss-Wright rotary engine developments with respect to general aviation potential
- An overview of NASA research on positive displacement type general aviation engines

**WARFARE**
- NT COMBAT
- Performance of current radar systems in an EN environment --- Electronic Warfare
- Tactical performance characterization basic methodology

**WARNING DEVICES**
- U WARNING SYSTEMS
- WARNING SIGNALS
- U WARNING SYSTEMS

**WARNING SYSTEMS**
- NT EARLY WARNING SYSTEMS
- Considerations on the design of warning systems --- for aircraft flight malfunctioning
- Collision avoidance in the integrated system. II - Characteristics
- The wake Vortex Advisory System --- used for safe aircraft landing
- Autoacoustic failure detection systems in commercial aircraft

**WAVE ATTENUATION**
- NT COASTAL WATER
- NT LIQUID COOLING
- NT MOISTURE CONTENT
- NT WAVE OSCILLATORS
- NT SHOCK WAVE PROPAGATION

**WAVE DRAG**
- NT INTERFERENCE DRAG
- Improved wave drag predictions using modified linear theory

**WAVE EQUATIONS**
- Aerodynamic noise theory --- lighthill method, turbulent flow, sound pressure, and wave equations
Low budget simulation in weapon aiming

Manned air combat simulation: A tool for design development and evaluation for modern fighter weapons systems and training of aircrews

The Impact of Integrated Guidance and Control Technology on Weapons Systems Design

Global positioning system tactical missile guidance

F-16 advanced electro-optical pod field-of-view simulation study --- task complexity during laser guided weapons delivery

Adding the challenge of nap-of-the-earth

Flight test results of a virtual image, panchromatic, mounted, control and display station

Preliminary airworthiness evaluation AR-15 helicopter installed with enhanced combat armament system (AR-15/ECA5)

WEAPONS

WEAPONS DELIVERY

Separation testing of large weapons from the E-1 bomber

Evaluation of F-111 weapons bay aero-acoustic and weapon separation improvement techniques

A decision theory model for health monitoring of aeroengines --- metal particles in lubricating oils as wear indicator

Wear of seal materials used in aircraft propulsion systems

Wear of seal materials used in aircraft propulsion systems

Separation and investigation of wear particles from aero-engines

Diagnostics of wear in aeronautical systems

Friction and wear characteristics of wire-brush skids

Wear particle analysis of grease samples

WEAPONS INHIBITORS

Static evaluation of surface coatings for compliant gas bearings in an oxidizing atmosphere to 650 °C

WEAPONS TESTS

Friction and wear of carbon-graphite materials for high-energy brakes

Effects of extended oil changes on aircraft piston engine wear and oil characteristics

Diagnostics of wear in aeronautical systems

Variants associated with rub tolerance of compressor tip seals --- self sustained combustion of titanium

Aircraft engine oil analysis by neutron activation techniques

WEATHER

Briefs of fatal accidents involving weather as a cause/factor, US general aviation, 1977

An advanced guidance and control system for rescue helicopters

WEATHER CHARTS

METEOROLOGICAL CHARTS

WEATHER CONDITIONS

WEATHER CONTROL

WEATHER MODIFICATION

WEATHER DATA RECORDERS

Analysis of air motion measurements from aircraft
WEATHER RAPS
WEATHER MODIFICATION
WEATHER RADAR
WEBS (SUPPORTS)
WRIGHT (MASS)
WEIGHT FACTORS
WEIGHT INDICATORS
WEIGHT REDUCTION
WEIGHT (MASS)
WEIGHT ANALYSIS
WEIGHT CONSTRAINTS
WEIGHT FACTORS
WEIGHT INDICATORS
WEIGHT REDUCTION
WEIGHT (MASS)
WEIGHT CONSTRAINTS
WEIGHT FACTORS
WEIGHT INDICATORS
WEIGHT REDUCTION
High speed smoke flow visualization for the determination of cascade shock losses

Super-critical wing design using numerical optimization and computation with experiment — to improve C-141 cruise performance

U.S. aerospace industry opinion on the effect of computer-aided prediction-design technology on future wind-tunnel test requirements for aircraft development programs

Effect of spanwise blowing on the aerodynamic characteristics of the F-52

Comparison of two flow surveys above stalled wings

Critical considerations for wind-tunnel testing V/STOL aircraft models — for hover/wingborne flight transition

The role of wind tunnels in future aircraft development/Daniel and Florence Guggenheim International Memorial Lecture/

Development of a low-correction wind tunnel wall configuration for testing high lift airfoils

Advances in aerocoustic wind tunnel testing techniques for aircraft noise research

Research and development in the area of fluid mechanics and aerodynamics in the Federal Republic of Germany

The importance of experimenting in aerodynamics and fluid mechanics — on-line wind tunnel-computer integration

Fluid dynamics of diffuser-augmented wind turbines

Operational wind tunnels — Fuzzy pressurized subsonic and CBT transonic induction operations

Aerodynamic of slender bodies at high angles of attack

Aerodynamic performance of scarf inlet

Preliminary flight and wind tunnel comparisons of the inlet/airframe interaction of the T-5 airplane

Computational optimization and wind tunnel test of transonic wing designs

Propulsion interaction of a supersonic cruise strike-fighter

Performance characteristics of nonaxisymmetric nozzles installed on the F-18 aircraft

Some basic test results of V/STOL jet induced lift effects in hover

Powered wind tunnel testing of the AV-8B — A straightforward approach pays off

Propeller algae averse interactions at Mach no.

Flight effects on noise generated by the JT8D engine with inverted primary/fan flight as measured in the NASA-Ames 40' by 80' foot wind tunnel

An investigation of model helicopter rotor blade slap at low tip speeds

Transonic wing design for transport aircraft

Some new approaches for wind-tunnel testing through the use of computers

Influence of bypass ratio change on fan aerodynamic characteristics
Airframe noise component interaction studies
[AIAA PAPER 79-0668]
p0316 A79-28969
Experiments in unsteady transonic flow
[AIAA 79-0769]
p0321 A79-29022
Transonic boundary layer on compressor stator
blades as calculated and measured in a wind tunnel
(ONERA, TP No. 1979-25)
p0329 A79-29397
A wind-tunnel investigation of the effect of
errors in blade setting on the stalling performance of a compressor cascade
[AIAA 79-7031]
p0330 A79-29403
Initial wind tunnel tests at Mach 1.65 of
hydrogen-burning, airframe-integrated scramjet
[AIAA 79-7045]
p0330 A79-29413
Aerodynamic development of the 727-100
[AIAA PAPER 79-0613]
p0333 A79-29598
An experimental study of a jet issuing from a
lifting wing --- vertical-horizontal flight transitions in V/STOL aircraft
Subsonic base pressure fluctuations
p0338 A79-30881
Selecting the geometrical parameters and
location of the nose flap at the wing root profile of a
swept wing on the basis of wind tunnel data. II
p0348 A79-32038
Aircraft response to lateral gusts - Exploratory
study
p0389 A79-32278
Implementation of unsteady oscillatory flows in a
transonic wind tunnel
p0389 A79-32290
Computer-aided design - Aerodynamics
p0399 A79-33456
In-flight captive store loads compared with
wind-tunnel and mathematical simulations
p0407 A79-34595
Full-scale wind-tunnel investigation of an Ayres
SJR-800 Thrush Agricultural Airplane
[SAE PAPER 7906181]
p0457 A79-36746
Wind tunnel performance of four energy efficient
propellers designed for Mach 0.8 cruise
[SAE PAPER 7905572]
p0457 A79-36759
Control considerations for CVV fighters at high
angles of attack
p0461 A79-37295
Experimental data on the dynamic properties of
several propeller vans - turbulence
measurement in wind tunnel
p0466 A79-38993
Evaluation of an ejector-powered engine simulator at
transonic Mach numbers
[AIAA PAPER 79-0769]
p0467 A79-38967
A parametric study of support system interference
effects on nozzle/afterbody throttle dependent
drag in wind tunnel testing
[AIAA PAPER 79-1168]
p0467 A79-38968
V/STOL aircraft configuration effects on exhaust
gas ingestion
[AIAA PAPER 79-1284]
p0471 A79-39019
Tone noise of three supersonic helical tip speed
propellers in a wind tunnel
p0474 A79-39801
Evaluation of a turbo-propulsion simulator as a
testing technique for fighter aircraft
[AIAA PAPER 79-1149]
p0508 A79-40880
Effects of Reynolds number and other parameters on
the throttle-dependent, nozzle/afterbody drag of an
0.11 scale single-engine aircraft model
[AIAA PAPER 79-1167]
p0508 A79-40881
Application of a laminar lighting device to the
smoke visualization of aerodynamic flows in wind
tunnels
[ONERA, TP No. 1979-82]
p0513 A79-41304
Autorotating flat-plate wings - The effect of the
moment of inertia, geometry and Reynolds number
p0513 A79-41418
Measurement of heat transfer rate to turbine
blades and nozzle guide vanes in a transonic
cascade
p0527 A79-42891
Wind tunnel simulation of the firing of missiles
carried under aircraft
[ONERA, TP No. 1979-65]
p0535 A79-43622
Axisymmetric calculations of transonic wind tunnel
interference in slotted test section
p0573 A79-46060
Demonstration of aircraft wing/store flutter
suppression systems
p0574 A79-46238
Wind tunnel tests
[AIAA PAPER 79-1532]
p0576 A79-46718
Selection of geometric parameters and location of
nose flap on swept wing root profile from tunnel
test data. I
p0601 A79-46999
Experimental measurements of shock/boundary-layer
interaction of a supercritical airfoil
[AIAA PAPER 79-1499]
p0603 A79-47345
Full-scale wind tunnel study of nacelle shape on
cooling drag
[AIAA PAPER 79-1820]
p0607 A79-47900
A cheap, effective icing detector for general
aviation aircraft
[AIAA PAPER 79-1823]
p0608 A79-47902
Engine-aircraft afterbody interactions -
Recommended testing techniques based on YP-17
experience
[AIAA PAPER 79-1802]
p0608 A79-47903
Winglet toe out angle optimization for the Gates
 Learjet Longhorn Wing
[AIAA PAPER 79-1831]
p0608 A79-47905
Aerodynamic effects of an attitude control vane on
a tilt-nacelle V/STOL propulsion system
[AIAA PAPER 79-1855]
p0609 A79-47914
Boundary layer control on wings using sound and
leading edge serrations
[AIAA PAPER 79-1075]
p0610 A79-47926
Experimental study of the turbulent wake
downstream of a fan jet
p0613 A79-48507
Subsonic and transonic flows on a variable sweep
wing
[ONERA, TP No. 1979-102]
p0623 A79-48849
LIDV measurements on propellers
p0625 A79-49052
The influence of sweep on the aerodynamic loading
of an oscillating NACA 0012 airfoil
[MS 79-4]
p0626 A79-49057
An integrated analytical and experimental
investigation of helicopter hub drag
[MS 79-5]
p0626 A79-49058
The circulation control rotor flight demonstrator
test program
[MS 79-51]
p0633 A79-49103
Wind tunnel and flight test of the XV-15 Tilt
Rotor Research Aircraft
[MS 79-58]
p0633 A79-49105
XV-15 flight test results compared with design goals
[AIAA PAPER 79-18391]
p0634 A79-49336
Effect of nozzle spacing on ground interference
forces for a two jet V/STOL aircraft
[AIAA PAPER 79-1856]
p0635 A79-49339
Characterization of a swept-duct hydrogen
fuel-injector for scramjet applications
p0635 A79-49345
Aerodynamic interaction on a close-coupled
canard-wing configuration
p0636 A79-49503
An investigation of the rolling stability
derivatives of a T-tail fighter configuration at high
angles-of-attack
p0642 A79-50165
The aeracoustics of advanced turbopropellers
p0643 A79-50236
The evolution of the high-angle-of-attack features of
the F-16 flight control system
p0665 A79-50438
Test technique development in interference free
testing, flow visualization, and remote control
model technology at Langley's Unitary Plan wind
tunnel
p0679 A79-51093
Selecting the geometric parameters and position of
a nose flap on the root profile of a swept wing
using tunnel test data. II
p0695 A79-58042
Wind tunnel tests of the GA(W)-2 airfoil with 20%
ailerons, 25% slotted flap, 30% Fowler flap and 10% slot-lip spoiler
[NASA CR-145139]
p0033 A79-10021
Design and test of an annular sting support concept for aftbody nozzle wind tunnel testing
[AD-4056985]
p0038 A79-10063
The influence of aerodynamic interference on high
angle of attack wind tunnel testing
[AD-4056985]
p0043 A79-11002
Aerodynamic characteristics of a 1/20-scale F-111 aircraft with various external stores at Mach numbers from 0.5 to 1.3

Wind tunnel tests of a blade subjected to midchord torsional oscillation at high subsonic stall flutter conditions

Aerodynamic characteristics of forebody and nose strakes based on V-16 wind tunnel test experience

Investigation of steady and fluctuating pressures associated with the transonic buffetting and wing root of a one-seventh scale model of the F-5A aircraft

Aerodynamic characteristics of a supersonic cruise airplane configuration at Mach numbers of 2.30, 2.56, and 2.90 — Langley Unitary Plan wind tunnel test

Effect of number of probes and their orientation on the aerodynamic phenomena and measured quantities in wind tunnels

New NASA-base wind-tunnel techniques for studying airplane spin and two-dimensional unsteady aerodynamics

Wind tunnel testing of dynamic derivatives in West Germany

Some factors affecting the dynamic stability derivatives of a fighter-type model

Aerodynamic interactions on the fighter CCV test aircraft

Gust-vehicle parameter identification by dynamic simulation in wind-tunnels

A study of canard-wing interference using experimental pressure data at transonic speeds

On the application of certain statistical methods to wind-tunnel testing

Experimental investigation of effects of blade tip geometry on loads and performance for an articulated rotor system

Detection of the transitional layer between laminar and turbulent flow areas on a wing surface --- using an acclerometer to measure noise levels during wind tunnel tests

Study of near- and turbulent-velocity fields in a large-scale turbine-vanes passage

An analytical technique for predicting the characteristics of a flexible wing equipped with an active flutter-suppression system and comparison with wind-tunnel data

Aerodynamic properties of a flat plate with cavity for optical-propagation studies

Summary report of the second wind tunnel test of the Boeing LPC model

Wind tunnel investigation of the thrust augmentor performance of a large-scale swept wing model in the areas 80 by 80 foot wind tunnel

An experimental wind-tunnel investigation of a can-air-spoiler roll-control device on a forward-control missile at supersonic speeds

Space shuttle afterbody aerodynamics/plume simulation data summary

Boundary layer transition measurements on the AEDC 10 deg cone in three RAE wind tunnels and their implications

Analytical design of a contoured wind-tunnel liner for supercritical testing

Advanced Technology Airfoil Research, volume 1, part 1 — conference on development of computational codes and test facilities

Wind tunnel performance of four energy efficient propellers designed for Mach 0.8 cruise --- Lewis 8x6 foot wind tunnel studies for noise reduction in high speed turboprop aircraft wind tunnels

Icing testing in the large Modane wind tunnel on full-scale and reduced scale models

Studies of self-streamlining wind tunnel real and imaginary flows

Effect of vertical tail flexibility on the aerodynamic characteristics of a 0.5-scale NASA Space Shuttle Orbiter at Mach numbers from 0.90 to 1.55

Design guidelines for the application of aerodynamic and noise strakes to a fighter aircraft based on V-16 wind tunnel testing experiment

Wind tunnel test at low speeds of a dorsal air intake on a fighter configuration

A survey of recent high angle of attack wind tunnel testing at Aeritalia

Low-speed wind-tunnel investigation of a large-scale STOL lift-fan transport model

Experimental investigation of three helicopter rotor airfoils designed analytically --- in the Langley 6 by 19 inch and 6 by 28 inch transonic wind tunnels

Experimental investigation of three helicopter rotor airfoils designed analytically --- in the AEDC PVT/4T and VFK/A wind tunnels at Bach number 1.63

Low-speed wind-tunnel parametric investigation of flight spoilers as trailing-vortex-alleviation devices on a transport aircraft model

Surface pressure data for a supersonic-cruise airplane configuration at Mach numbers of 2.30, 2.56, 3.30 ---NASA-CE-158922

Wind tunnel corrections for STOL models

Review of large low-speed wind tunnel requirements for STOL testing

Comparison of store trajectory and aerodynamic loads, and model flow-field characteristics obtained in the AEDC PWT/47 and VKFA wind tunnels at Mach number 1.63

Effect of number of probes and their orientation on the calculation of several compressor face distortion descriptors

Wind-tunnel shock-tube simulation and evaluation of blast effects on an engine inlet

Buffeting measurements in flight and in a wind tunnel --- 7-33 aircraft

Effects of flow turbulence and noise on the aerodynamic phenomena and measured quantities --- wind tunnel tests and boundary layer transition

Experimental studies in a Ludwig tube transonic tunnel

Notes concerning testing time requirements in steady and unsteady measurements
Two dimensional anemometric probe --- two dimensional flow. Wind tunnel tests [AAAP-WT-78-09] p0845 N79-23116
Optical flow measurements: Applications to wind tunnels on motor bench tests [AAAP-WT-78-07] p0845 N79-23117
Effect of the model vertical position in a slotted well wind tunnel [AAAP-WT-78-05] p0845 N79-23119
Similitude, manufacturing, identification, and instrumentation of test models --- aircraft models [AAAP-WT-78-24] p0845 N79-23120
Modernization of the low speed wind tunnel at Breguet de Velizy: Measuring system modernization --- minicomputer T I 980A [AAAP-WT-78-12] p0841 N79-23122
Introduction to the arcopter arc wing and the Bertelssen effect for positive pitch stability and control [AAAP-WT-78-13] p0841 N79-23123
The effect of blockage in shear flow in the wind tunnel [LU-221] p0841 N79-23125
Introduction to the aerocopter arc wing --- wind tunnel test results [AD-0067233] p0840 N79-23895
Low-speed wind-tunnel investigation of wing fins as trailing-vortex-alleviation devices on a transport airplane model [NASA-TP-1435] p0840 N79-24961
The computation of transonic flow in wind tunnels at inlets and cascades using the finite element method [TH-DR-1921-C] p0843 N79-24970
Effects of wind leading-edge deflection on low-speed aerodynamic characteristics of a low-aspect-ratio highly swept arrow-wing configuration --- wind tunnel tests [NASA-TP-1434] p0853 N79-26020
Effect of nose bluntness and afterbody shape on aerodynamic characteristics of a monoplane missile concept with bodies of circular and elliptical cross sections at a Mach number of 2.50 [NASA-TP-80005] p0853 N79-26023
Wind tunnel tests of four flexible wing ultralight gliders [NASA-CR-152267] p0856 N79-27099
An exploratory investigation of the effect of a plastic coating on theprofile drag of a practical metallic-construction sailplane airfoil [NASA-TM-80002] p0857 N79-27098
Wind tunnel measurements of dynamic derivatives in the German Federal Republic [TPD-5-78] p0858 N79-27107
Investigations of interference effects in a wind tunnel caused by a model support strut on a reflection plane mounted half model [FFA-TP-AM-1335:2] p0858 N79-27109
Study in a straight cascade wind tunnel of aeroelastic instabilities in compressors [NASA-TP-80005] p0855 N79-27178
Aeropropulsion systems test facility rake calibration test in tunnel A [AD-0069775] p0856 N79-27189
Scaling effects on shock-induced separation [AD-0069785] p0857 N79-28122

Scaling effects on drag prediction --- wind tunnel tests p0579 N79-28123
A thrust-bypass stability-blade system: Engine relief valves to increase the transient stability of a mixed-compression inlet --- TP-12 aircraft inlet tests in the Lewis 10 by 10 ft supersonic wind tunnel [NASA-TP-1083] p0583 N79-28176
Aerodynamic characteristics of a large-scale semispan model with a swept wing and an augmented jet flap with hyperizing nozzles --- NASA-80-60 Foot Wind Tunnel and Static Test Facility [NASA-TM-73236] p0590 N79-29144
A experimental and theoretical investigation of the effect of nontactic over-the-wing nacelles on wing-body aerodynamics [NASA-TP-75310] p0590 N79-29146
Wind tunnel test of ACES 2 ejection seat with anthropometric dummy in asymmetric configurations [AD-0068614] p0592 N79-29163
The effect of winglets on the KC-135A aircraft --- tests in the Langley 8 ft transonic pressure tunnel [AD-0068324] p0593 N79-29177
Analysis of wind tunnel data pertaining to high angle of attack aerodynamics. Volume 1: Technical discussion and analysis of results [AD-3069666] p0650 N79-30148
Analysis of wind tunnel data pertaining to high angle of attack aerodynamics. Volume 2: Data base [AD-0069647] p0650 N79-30149
Similitude requirements and scaling relationships as applied to model testing [NASA-TP-1435] p0652 N79-30176
Evaluation of pylon focusing for reduced helicopter vibration [AD-0069712] p0655 N79-30196
Wall corrections in transonic wind tunnel: Equivalent porosity [NASA-TP-565] p0661 N79-30247
A comparison of predictions obtained from wind tunnel tests and the results from cruising flight: Airbus and Concorde --- conferences [NASA-TM-75238] p0663 N79-31136
Subsonic wind-tunnel investigation of leading-edge devices on delta wings (data report) --- conducted in Langley 7- by 10-foot subsonic wind tunnel [NASA-CR-159120] p0663 N79-31143
A force and moment test of a 1/24-scale F-111 model at Mach numbers from 0.7 to 1.3 [AD-8070192] p0665 N79-31516
Wind tunnel measurements on the interference between a jet and a wing located outside the jet. Part 1: Text, tables, and figures [NRL-TM-77009-0] p0702 N79-32175
Experimental investigation of the aerodynamic characteristics of a wing in a jet flow --- wind tunnel tests [NRL-TM-77009-02] p0703 N79-32177
The design and aerodynamic characteristics of an 18% thick shock-free airfoil (NLR 7501) [MRB-TM-78016-01] p0732 N79-32180
Flight determined lift and drag characteristics of an F-6 airplane modified with a supercritical wing with comparison to wind-tunnel results [NASA-TM-8-3250] p0712 N79-33159
WIND TUNNEL WALLS

Longitudinal aerodynamic characteristics of a vectored-engine-over-wing configuration at subsonic speeds --- Langley V/STOL tunnel tests [NASA-TP-1533] p0712 NT-79-33164

Wind-tunnel investigation of a large-scale V/STOL aircraft model with wing root and wing thrust augmentors --- Ames 40 by 90 foot wind tunnel [NASA-CH-78589] NT-79-33167

Wind-tunnel investigation of the free-wing/free-ti
tunnel concept [NASA-CH-162351] p0718 NT-79-33216

WIND TUNNEL WALLS

A general correction method of the interference in 2-dimensional wind tunnels with ventilated walls p0912 NT-79-10567

Numerical study of the induction of porous walls of the working section of a low-velocity wind tunnel p0022 NT-79-12228

A similarity rule for compressibility and sidewall-boundary-layer effects in two-dimensional wind tunnels [AIAA PAPER 79-0108] p0141 NT-79-19535

A transonic wind tunnel interference assessment - Asymmetric flows [AIAA PAPER 79-2023] p0143 NT-79-19596

Development of a low-correction wind tunnel wall configuration for testing high lift airfoils p0156 NT-79-20108


Effect of viscosity on wind-tunnel-wall interference for airfoils at high lift [NASA-CH-79-1534] p0577 NT-46715


The use of sound absorbing walls to reduce dynamic interference in wind tunnels [JT11050] p0105 NT-79-13052

Transonic assessment of two-dimensional wind tunnel wall interference using measured wall pressures p0351 NT-79-19991

Design and calibration of slotted walls for transonic airfoil wind tunnels [AD-4062110] p0368 NT-79-20144

Wall interference effects p0839 NT-79-23113


Effect of the model vertical position in a slotted wind tunnel [AIAA-WT-78-05] p0400 NT-79-23119

Improvements on the CA/Vernon wind tunnel --- Transonic operation [AIAA-WT-78-13] p0411 NT-79-23123

A vortex lattice technique for computing ventilated wind tunnel wall interference [AD-A070845] p0707 NT-79-32220

WIND TUNNELS

NT BLOWDOWN WIND TUNNELS
NT CASCADE WIND TUNNELS
NT CYCLORECTIC WIND TUNNELS
NT HYPERSONIC WIND TUNNELS
NT LOW SPEED WIND TUNNELS
NT SHOCK TUNNELS
NT SLOTTED WIND TUNNELS
NT SUBSONIC WIND TUNNELS
NT SUPERSONIC WIND TUNNELS
NT TRANSONIC WIND TUNNELS

Construction of a refrigerated wind tunnel with a supercooled droplet production system for research on icing p0414 NT-79-17595

Experimental investigation of the effect of surface discontinuity on step-forward flow p0273 NT-79-22000

Making fluid flows visible p0449 NT-79-36373

On the test procedures of the derivative balances used in West Germany p0176 NT-79-15067

WIND VELOCITIES

Effects of a military cargo pod and tail fins on the aerodynamic characteristics of a large-body transport model [NASA-TM-80052] p0363 NT-79-20101

Feasibility study of transit photon correlation analyzer for Ames Research Center unitary wind tunnel plan [NASA-CH-152238] p0393 NT-79-20149

Design and characteristics of high Reynolds number test facilities: The Ludwig tube p0377 NT-79-20994

Boundary layer effects on pressure variations in Ludwig tubes p0377 NT-79-20995


The use of sound absorbing walls to reduce dynamic interference for airfoils at high lift [NASA-CH-79-1534] p0577 NT-46715

A similarity rule for compressibility and sidewall-boundary-layer effects in two-dimensional wind tunnels [AIAA PAPER 79-0108] p0141 NT-79-19535

A transonic wind tunnel interference assessment - Asymmetric flows [AIAA PAPER 79-2023] p0143 NT-79-19596

Development of a low-correction wind tunnel wall configuration for testing high lift airfoils p0156 NT-79-20108


Effect of viscosity on wind-tunnel-wall interference for airfoils at high lift [NASA-CH-79-1534] p0577 NT-46715


The use of sound absorbing walls to reduce dynamic interference in wind tunnels [JT11050] p0105 NT-79-13052

Transonic assessment of two-dimensional wind tunnel wall interference using measured wall pressures p0351 NT-79-19991

Design and calibration of slotted walls for transonic airfoil wind tunnels [AD-4062110] p0368 NT-79-20144

Wall interference effects p0839 NT-79-23113


Effect of the model vertical position in a slotted wind tunnel [AIAA-WT-78-05] p0400 NT-79-23119

Improvements on the CA/Vernon wind tunnel --- Transonic operation [AIAA-WT-78-13] p0411 NT-79-23123

A vortex lattice technique for computing ventilated wind tunnel wall interference [AD-A070845] p0707 NT-79-32220

WIND VELOCITY MEASUREMENT

Response and other characteristics of a flat bladed, dual pitch propeller anemometer p0192 NT-79-21914

An omnidirectional, tilt insensitive, wind speed threshold detector p0192 NT-79-21915

Calibration and use of a smallplane variochometer to measure vertical velocity fluctuations p0336 NT-79-30112

Experimental data on the dynamic properties of several propeller vanes --- turbulence measurements in wind tunnel p0374 NT-79-2016

A low-velocity airflow calibration and research facility [NASA-79-32224] p0708 NT-79-32224

WIND NOISE

Experimental data on the dynamic properties of several propeller vanes --- turbulence measurements in wind tunnel p0366 NT-79-39843

WIND VARIATIONS

Wind shear indication systems p0666 NT-79-52349

WIND VELOCITIES

Theoretical study of the effect of wind velocity gradients on longitudinal stability and control in climbing and level flight [NASA-CH-78-1322] p0106 NT-79-14110


A low-velocity airflow calibration and research facility [NASA-79-32224] p0708 NT-79-32224

WIND VELOCITY MEASUREMENT

Response and other characteristics of a flat bladed, dual pitch propeller anemometer p0192 NT-79-21914

An omnidirectional, tilt insensitive, wind speed threshold detector p0192 NT-79-21915

Calibration and use of a smallplane variochometer to measure vertical velocity fluctuations p0336 NT-79-30112

Experimental data on the dynamic properties of several propeller vanes --- turbulence measurements in wind tunnel p0374 NT-79-2016


WINDING

Amphilex WINDING

WINDING

WINDING

WINDING
A-163

SUBJECT INDEX


WINDS (APERTURES)


WINDPOWER!D GENUATION

The Netherlands experimental vertical axis wind turbine [AD-A0166821] p0433 A79-20620

WINDSCREENS

Fluid dynamics of diffuser-augmented wind turbines [AD-A0108016] p0112 A79-17120

WING CANNERS

An inverse problem of vertical-axis wind turbines [AD-A0166821] p0166 A79-20800

WING ALTS

Aeroelastic response and stability of a coupled rotor/support system with application to large horizontal axis with turbines [AD-A0166821] p0226 A79-16346

WINDS ALOFT

Selection of geometric parameters and location of nose flap on swept wing root profile from tunnel test data. I [AIAA 79-0733] p0631 A79-46999

A method of the theory of airfoil profiles with a jet flap [AD-A0166821] p0602 A79-87119

Approximation of the aerodynamic characteristics of a wing with a double-slotted flap [AD-A0166821] p0686 A79-52129

A study of the Sheriff’s wing [AD-215] p0833 A79-23072

Aeroelastic response and stability of a coupled rotor/support system with application to large horizontal axis with turbines [AD-A0166821] p0226 A79-16346

WING FLOW METHOD TESTS

Method of calculating potential flows of an incompressible fluid past a wing with a high-lift device [AD-A068719] p0019 A79-12126

The high-lift characteristics in the case of the V-wing concept [DGLR PAPER 78-111] p0061 A79-10472

Stability of three-dimensional compressible boundary layers over wings with suction [AD-A0166821] p0144 A79-19631

Characteristic aerodynamic coefficients at high Reynolds numbers [AD-A0166821] p0248 A79-25267

Investigation of wing shielding effects on CTOL engine noise [AIAA PAPER 79-0669] p0318 A79-28970

Analog simulation and its defining similarity criteria in the analysis of supersonic flows past wings [AD-A0166821] p0348 A79-32032

Recent progress in active controls applied to flutter suppressors [AD-A0166821] p0369 A79-32277

Unsteady effects on a stalled wing in pulsed flow - Comparison with back-and-forth oscillating case [AD-A0166821] p0389 A79-32288

Unsteady pressure measurements on rotor blade tips with incidence [AD-A0166821] p0406 A79-36534

Analog modeling in studying supersonic flow around a wing and its governing analog-criteria [AD-A0166821] p0635 A79-54036

Motion of rectangular wing between parallel walls [AD-A0166821] p0696 A79-54048

Flow around small-aspect-ratio delta wing with vortex ‘bursting’ [AD-A0166821] p0695 A79-54058

Investigation of wing shielding effects on CTOL engine noise [NASA-79-79070] p0371 A79-20390

WING LOADING


Longitudinal distribution of hydrodynamic load on a gliding flat-bottomed plate with keel [AIAA 79-0733] p0021 A79-12200

Iterative method of aircraft wing strength calculation taking into account the effect of deformations on distribution of aerodynamic forces and moments [AIAA 79-0733] p0022 A79-12240

Processing a random loading process by computer to obtain life information — in-flight critical stress measurements in aircraft wing structures [AIAA 79-0733] p0027 A79-12535


Aeroelasticity of wing-aftstream interaction especially for V/STOL configurations [AIAA 79-0733] p0129 A79-18643

Effect of spanwise blowing on the aerodynamic characteristics of the F-111 [AIAA PAPER 79-0118] p0141 A79-19543

Aerodynamics of wing-aftstream interaction especially for V/STOL configurations [AIAA 79-0733] p0129 A79-18643

Effect of spanwise blowing on the aerodynamic characteristics of the F-111 [AIAA PAPER 79-0118] p0141 A79-19543

Elevated-temperature effects on strain gages on the 75-12k wing
Design maneuver loads for an airplane with an active control system
Lifting surface approach to the estimation of gust response of finite wings
The 'cloud-in-cell' technique applied to the roll up of vortex sheets
Results of an improved version of LTBA#2 for computing unsteady airloads on airfoils oscillating in transonic flow
Wing aerodynamic loading caused by jet-induced lift associated with STOL-OW configuration
An investigation of the rolling stability of a T-tail fighter configuration at high angles-of-attack
Thrust vectoring applied to aircraft having high wing loading
Calculation of the pressure distribution over a slender wing in supersonic flow
Formulas for spanwise distribution of lift on aircraft wings
Feasibility of combining linear theory and impact theory methods for the analysis and design of high speed configurations
Effects of laminar flow control on the performance of a large span-distributed-lift flying-wing cargo airplane concept
Wing aerodynamic loading caused by jet-induced lift associated with STOL-OW configurations
Wing configurations
Blown wings from flow -- short takeoff and landing through wing-over-bleeding
Interference effects of aircraft components on the local blade angle of attack of a wing-mounted propeller
Assessment at full scale of nozzle/wing geometry effects on OTW aero-acoustic characteristics -- short takeoff aircraft noise
Wing aerodynamic loading caused by jet-induced lift associated with STOL-OW configurations
An experimental and theoretical investigation of the effect of nontypical over-the-wing nacelles on wing-body aerodynamics
Longitudinal aerodynamic characteristics of a vectored-engine-over-wing configuration at subsonic speeds --- Langley V/STOL tunnel tests
WING OSCILLATIONS
Numerical-analytical solution of the problem of the constrained torsion of a cantilever wing
Approximate solution of some boundary value problems on aircraft structural integrity
Harmonic vibrations of an annular wing in the steady flow of an ideal fluid
Airplane wing self-oscillatory bending-torsion vibrations
Rotor blade lag plane frequency optimization using visco-elastic damping --- for helicopters
Unsteady thin airfoil theory for transonic flows with embedded shocks
Aerodynamic characteristics of an unsteady separated flow
## SUBJECT INDEX

**WING BOOTS**

- Recent progress in finite-volume calculations for wing-fuselage combinations --- aeronautics
  - Calculation of the planar supercritical flow over a 2D aerofoil.
  - Recent progress in finite-volume calculations for subsonic flow.
- Solution of inverse aerodynamics problems in wind tunnel tests.
- Numerical solution of the problem of unsteady flows around a wing with a detached shock wave.
- Flutter suppressor for a transonic flight.

**WING SLATS**

- Design of the circulation control wing STOL demonstrator aircraft.
- Numerical solution of the problem of unsteady supersonic flow around the front part of a wing with a detached shock wave.
- Selecting the geometric parameters and position of a nose flap at the wing root profile of a swept wing.
- Development of a viscous vortex/wing interaction program for thick wings with bounded leading edge.
- Design maneuver loads for an airplane with an active control system.

**WING SLOTS**

- Features of flow past slotted wings.
- Flight testing the circulation control wing.
- The aerodynamic noise of a slot in an aerofoil.

**WING SLAPS**

- Selecting the geometrical parameters and location of the nose flap.
- Selecting the geometrical parameters and position of a nose flap.

**WING SPANS**

- The method of discrete vortices for steady flow past a finite-span wing.
- Design maneuver loads for an airplane with an active control system.
- Second approximation in theory of a finite-span thin wing in an incompressible flow.
- Formulas for spanwise distribution of lift on aircraft wings.
- Effects of spanwise blowing on the surface pressure distribution and vortex-lift.

**WING TIPS**

- The use of wing tip sails to reduce vortex drag.
- Experimental investigation of the subwing tip and its vortex structure.
- Flight experiments to evaluate the effect of wing-tip sails on fuel consumption and handling characteristics.
- The application of winglets to rotors.

**WING TANKS**

- Flutter suppression for transonic flight.

**WING TIP VORTICIES**

- The effect of winglets on the KC-135A aircraft.
- The Learjet Longhorn series: The first jets with winglets.

**WINGED VEHICLES**

- The Learjet Longhorn series - The first jets with winglets.
- T-tails and top technology.

**WINGlets**

- The application of winglets to rotors.
- Winglets give USAF KC-135 new look in life.
- The Learjet Longhorn series - The first jets with winglets.
- The Learjet 'Longhorn' series - The first jets with winglets.
- Winglets are no drag --- enhancement of aerodynamic efficiency with vertical wingtip extensions.
- Winglet toe out angle optimization for the Gates Learjet Longhorn wing.

**WINGtip TIPS**

- The use of wing tip tips to reduce vortex drag.

**WINGtip TUNNELS**

- Performance evaluation method for dissimilar aircraft designs --- using the square of the wing span for nondimensional comparisons of aerodynamic characteristics.

**WINGtip TUNNELS STORES**

- Adaptive control of wing store flutter - A feasibility study.

**WINGtip VEHICLES**

- Optimization of hypersonic three-dimensional shapes.

**WINGtip STORES**

- Effects of laminar flow control on the performance of a large span-distributed-load flying-wing cargo airplane concept.
- Some steady and oscillating airfoil test results, including the effects of sweep, from the tunnel spanning wing.

**WINGtip TUNNELS**

- Performance evaluation method for dissimilar aircraft designs --- using the square of the wing span for nondimensional comparisons of aerodynamic characteristics.

**WINGtip TUNNELS STORES**

- Effects of laminar flow control on the performance of a large span-distributed-load flying-wing cargo airplane concept.

**WINGS**

- NT ARROW WINGS
- NT BEARINGLESS WINGS
- NT CARRIED WINGS
- NT CAVITATION WINGS
- NT CRUCIFORM WINGS
- NT DELTA WINGS
- NT FIXED WINGS
- NT FLEXIBLE WINGS
- NT INFINITE SPAN WINGS
- NT LIFTING ROTORS
- NT LIFTING ROTORS
- NT MOUNTED WINGS
- NT NONSSTABILIZED NOTONS
- NT SCISSOR WINGS
- NT SPANWISE DISTRIBUTION OF LIFT
- NT TIP WINGS
- NT TUNNELS
- NT VERTICAL TAIL WINGS
- NT WING TIPS
- NT WING TIP VORTICIES
- NT WINGtip TUNNELS

**WINGtip TUNNELS STORES**

- Effects of laminar flow control on the performance of a large span-distributed-load flying-wing cargo airplane concept.

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**WINGtip TUNNELS STORES**

- Effects of laminar flow control on the performance of a large span-distributed-load flying-wing cargo airplane concept.
TC-14 AIRCRAFT
Experimental techniques used to evaluate propulsion system interference effects on the cruise configuration of the Boeing C-14.
[AIAA PAPER 79-0335] p0202 A79-23555

YF-102 AIRCRAFT

YF-12 AIRCRAFT
Elevated-temperature effects on strain gages on the YF-12A wing.
Fabrication research for supersonic cruise aircraft skin structures.
A throat-bypass stability-bleed system using relief valves to increase the transient stability of a mixed-compression inlet.
Aircraft inlet tests in the Lewis 10 by 10 ft supersonic wind tunnel.
Testing and analysis of dual-mode adaptive landing gear, taxi mode test system for YF-12A.

YP-12 AIRCRAFT
Elevated-temperature effects on strain gages on the YP-12A wing.

YF-16 AIRCRAFT
Structural design, tooling and manufacturing of a composite YF-16 forward fuselage.
Investigation of the YF-16 in high angle of attack asymmetric flight.
Aerodynamic interactions on the fighter CCV test aircraft.
Design considerations for implementing integrated mission-tailored flight control modes.
Factors influencing the accuracy of aerodynamic hinge-moment prediction.
Analysis of a lateral pilot-induced oscillation experienced on the first flight of the YF-16 aircraft.

THO-1 HELICOPTER

YIELD STRENGTH
Residual strength of (0, ± or 45) sub s and (± or - 45, 0) sub s carbon/epoxy laminates.
Fatigue loading tests.

YJ-79 ENGINE

YJ-85 ENGINE

YJ-85 ENGINE

YOUNG MODULUS

MODULUS OF ELASTICITY

YT-2 AIRCRAFT

YUH-1 HELICOPTER

YUH-60A HELICOPTER

YUH-61A HELICOPTER

ZERO LIFT

Analysis of the zero-lift wave drag measured on delta wings.
[ARC-E/M-3818] p0216 A79-15921
ABDEL, I. Application of two synthesis methods for active flutter suppression on an aeroelastic wind tunnel model [AIAA-79-1633] p0566 797-95314

ABDEL, J. Application of two synthesis methods for active flutter suppression on an aeroelastic wind tunnel model [AIAA-79-1633] p0556 797-95318

ABDEL, J. N. Experimental investigation of unsteady phenomena [AD-0652887] p0668 797-31197

ABDALLAB, S. A computer-contrpelled avionics-data acquisition system [NASA-TM-790055] p0168 797-19498


ABDALLAB, S. Comparison of electrostatical and cathode-ray-tube display mediums for an instrument approach display [NASA-TM-80069] p0434 797-32300

ABDALLAB, S. Description of the VELC Approach and Landing Technology (VALT) CH-47 research system [NASA-TM-79100] p0555 797-29195

ABDALLAB, S. Design charts and boundaries for identifying departure resistant fighter configurations [AD-059003] p0092 797-12073

ABDALLAB, S. An analytical technique for predicting the characteristics of a flexible wing equipped with an active flutter-suppression system and comparison with wind-tunnel data [NASA-TM-78771] p0045 797-11039

ABDALLAB, S. An analytical technique for predicting the characteristics of a flexible wing equipped with an active flutter-suppression system and comparison with wind-tunnel data [NASA-TM-78771] p0045 797-11039

ABDALLAB, S. An analytical technique for predicting the characteristics of a flexible wing equipped with an active flutter-suppression system and comparison with wind-tunnel data [NASA-TM-78771] p0045 797-11039
ADAMS, N. T.
Digital data acquisition system for use in aircraft engine condition monitoring
[AD-1070944] p0097 A79-18005

ADAMS, R. A.
Implementation and testing of numerical analysis techniques in avionics applications
[AD-1068975] p0036 A79-12433

ADAMS, W. H., JR.
SPRING: A program for determining aircraft equilibrium spin characteristics including stability
[AD-A1069749] p0036 A79-12433

ADAMS, W. K.
Nuclear representation of aircraft geometry
[AD-A1069749] p0036 A79-12433

ADAMS, W. T.
Integrated gas turbine engine-nacelle

ADAMS, W. E.
Prop-fan propulsion - its status and potential
[AD-A1058267] p0036 A79-12433

ADAMS, W. V.
Helicopter icing research
[AD-A1069749] p0036 A79-12433

ADDIS, I.
An analysis of operational procedures and design modifications for bomber/transport aircraft. Volume 1: Executive summary
[AD-A1067164] p0164 A79-18102

AGHIAIR, B. M.
Optimal design of gas-turbine engine thermodynamics on the basis of prototype elements. I
[AD-A1067164] p0164 A79-18102

AGGRAH, T. W.
A basic problem in the analytical design of aircraft gas turbine engines. I
[AD-A1067164] p0164 A79-18102

AGRAV, A. K.
Optimal thermodynamic design of gas turbine engines using element prototypes. I
[AD-A1067164] p0164 A79-18102

AGRAV, A. K.
Basic problem of gas turbine engine analytic design. I
[AD-A1067164] p0164 A79-18102

AGNEW, B. E.
Benefits of aerodynamic interaction to the three air entry holes, 3
[AD-A1058267] p0036 A79-12433

AGNEW, K. N.
Aircraft cable parameter study
[AD-A1058267] p0036 A79-12433

AGNEW, L. R.
Helicopter rotor radius optimization
[AD-A1058267] p0036 A79-12433

AGNEW, L. R.
The annoyance of multiple noisy events
[AD-A1058267] p0036 A79-12433

AGNEW, L. R.
A low cost blade design for a Darrius-type vertical-axis wind turbine
[AD-A1058267] p0036 A79-12433

AGNEW, L. R.
Investigation of air stream from combustor-liner air entry hole, 3

AGNEW, L. R.
Aerodynamic characteristics of a large-scale semispan model with a swept wing and an augmented jet flap with hyperizing nozzles
[AD-A1058267] p0036 A79-12433

AGNEW, L. R.
Wind-tunnel investigation of a large-scale V20 aircraft model with wing root and wing thrust augmentor
[AD-A1058267] p0036 A79-12433

AGNEW, L. R.
Measurements of heat transfer in circular, rectangular and triangular ducts, representing
PERSONAL AUTHOR INDEX

AKAI, J. T.
Aerodynamic and aeroelastic characteristics of oscillating loaded cascades at low Mach number
[ASME PAPER 79-GT-114] p0393 A79-32387

AKAI, T. J.
Aerodynamic force and heat on oscillating airfoils in cascade
[ASME PAPER 78-GT-181] p0011 A79-10812
Aerodynamic and aeroelastic characteristics of oscillating loaded cascades at low Mach number
I - Pressure distribution, forces, and moments
[ASME PAPER 79-GT-111] p0359 A79-32386

AKERS, R. V.
Computerized heat-transfer and stress analysis of wind tunnel metal throat liners
(AD-0062318) p0368 A79-20143

AKEMAN, R.
Computer-aided analysis and design of the shape rolling process for producing turbine engine airfoils

AKHMEDIANOVA, P. A.
An approximate method for calculating a laminar boundary layer in microcavities
p0526 A79-82559

AKHMIDZANOV, A. N.
Parametric method for diagnosing the state of aircraft engines on the basis of limited information
p0362 A79-16781

ALDAE, R.
Low cost inertial aiding for NAVSTAR/GPS receivers in naval ship navigation
p0617 A79-48656

ALEXANDER, A.
Interactive multi-mode blade impact analysis
[ASME CR-159462] p0362 A79-17858

ALEXANDER, B. N.
Definition and analytical evaluation of a power management system for tilt-rotor aircraft
[ASME 79-40] p0187 A79-16171

ALEXANDER, W. Z., JR.
Advanced technology helicopter landing gear
p0348 A79-10519

ALEXANDER, C.
Engineers handbook of flight and radio equipment for advanced tactical aircraft simulation
to 50 deg in the Ames 11-foot transonic wind tunnel
tunnel technology demonstrator programs
Ill., April 17-20, 1978
[SAE PAPER 790576] p0453 A79-36712
[SAE PAPER 790591] p0454 A79-36725

ALEXANDER, L. G.
Test implementation through support software - A FAT translator
p0360 A79-48687

ALEXANDER, F. H.
Topics in fluid film bearing and rotor bearing management system for tilt-rotor aircraft
[SAE PAPER 790591] p0358 A79-11801
[SAE PAPER 790591] p0359 A79-20025

ALFRED, G. J.
In-flight measurement of aerodynamic loads on captive storing, description of the measurement equipment and comparison of results with data from other sources
[MIL-B-77028-0-0] p0229 A79-16812

ALFORD, R. G.
Three-dimensional finite-element techniques for gas turbine blade life prediction
p0552 A79-27156

ALEXANDROV, V. G.
Engineer's handbook of flight and radio equipment of airplanes and helicopters
p0345 A79-31486
Handbook on aircraft materials and the application technology
p0612 A79-48311

ALEXANDER, V. L.
External radio-navigation
p0563 A79-44878

ALLEN, B.
Fretting fatigue, with reference to aircraft structures
[SAE PAPER 790612] p0456 A79-36781

ALLEN, B. D.
The analysis of propellers including interaction effects
[SAE PAPER 790576] p0453 A79-36712

ALLEN, C. Q.
Canard-body-tail missile test at angles of attack to 50 deg in the Ames 11-foot transonic wind tunnel
[NASA TN-79482] p0086 A79-12021

ALLEN, J. D.
Aerospase usage versus commercial utilization of graphite fiber reinforced epoxy composites
p0387 A79-20651

ALLEN, J. G.
Certification of composites in civil aircraft
[ABS 79-43] p0632 A79-09095

ALLEN, W.
Navstar user equipment for civil and military applications
p0368 A79-49587

ALLEN, B.
Reliability based quality /BBOJ technique for evaluating the degradation of reliability during manufacturing
p0205 A79-23631

ALLEN, W.
The influence of the amount of automation in a flight path guidance system on flight path deviation and pilot work load
[AFGL PAPER 79-044] p0520 A79-22370

ALLEN, B. D.
Aerospace usage versus commercial utilization of graphite fiber reinforced epoxy composites
p0387 A79-20651

ALLEN, J. D.
Aerospase usage versus commercial utilization of graphite fiber reinforced epoxy composites
p0387 A79-20651
ALLING, G. C., JR.
requirement and qualification procedures p0034 A79-23078
ALLING, G. C., JR.
Survey of the application of reinforced composites in European helicopters p0014 A79-10517
ALLISON, J. L.
[ARIC fan model test program] [AD-A065058] p0585 A79-28362
ALLSP, W. J.
Proposed advances in simulation of atmospheric phenomena for improved training p0223 A79-15979
ALRSEING, D.
Calculation of the non linear aerodynamic coefficients of wings of various shapes and their wakes, including canard configurations p0154 A79-20106
ALPERIN, N.
End wall and corner flow improvements of the rectangular Alperin jet-diffuser ejector [AD-A076603] p0046 A79-11051
ALPERN, R. L.
Pressure modeling of vertically burning aircraft materials [SC78-ST-9] p0238 A79-16592
ALSCBULEN, K.
The integration of airport planning and environmental assessment - A focus on air quality analysis p0075 A79-16092
ALTAN, T.
ALTHOF, W.
Environmental effects on the elastic-plastic properties of adhesives in bond metal joints [BAE-LIB-TRANS-1999] p0596 A79-29328
THE INFLUENCE OF THE ENVIRONMENT ON THE ELASTOPLASTIC PROPERTIES OF ADHESIVES IN METAL BONDED JOINTS [ES&-TT-521] p0662 A79-30391
ALTAN, S. S.
The thermal oxidation stability of F-3V lubricant p0688 A79-52500
ALTOSE, P. R.
Thermal design of airborne radars - Present and future p0018 A79-11919
ALWANG, W. G.
Applications of electro-optical instrumentation in turbine engine development p0114 A79-17600
ANBAL, O. E.
Aerodynamics and heat transfer of transonic turbine blades at off-design angles of incidence p0214 A79-24295
ANDERSON, B. F.
Lighting conductive characteristics of graphite composite structures p0188 A79-20866
ANDERSON, B. R.
Handling qualities of Arbaiy/Hughes YAH-64 advanced attack helicopter [ANS 78-31] p0122 A79-18157
ANDERSON, B. E.
F-16 flight control system redundancy concepts [AIAA 75-1771] p0572 A79-85400
ANDERSON, A. X.
Research needs in aerospace structural dynamics [AIAA 79-0026] p0123 A79-29042
ANDERSON, A. E.
An experimental study of three-dimensional turbulent boundary layer and turbulence characteristics inside a turbomachinery rotor passage [JOURN PAPERS 78-GT-114] p0001 A79-10266
ARCTIL, A. A.
Improved ballistic damage tolerant design through laminated metal construction p0014 A79-10512
ANDERSON, B.
Study of the integration of active control elements in the high lift system of a transport aircraft into maneuver control, gust-load control, and direct control of lift [DLRL PAPERS 78-111] p0060 A79-14069
ANDERSON, B. B.
Partially variable area turbine nozzle [AIAA PAPERS 79-1227] p0469 A79-38992
ANDERSON, C. A.
F-16 multi-national fighter p0236 A79-16659
ANDERSON, C. F.
Design guidelines for the application of forebody and nose strakes to a fighter aircraft based on F-16 wind tunnel testing experiments p0814 A79-22000
ANDERSON, C. F.
Aerodynamic characteristics of a 1/24-scale Y-111 aircraft with various external stores at Mach numbers from 0.5 to 1.3 [AD-A057409] p0044 A79-11005
ANDERSON, D.
A two-dimensional unsteady Euler-equation solver for flow around arbitrary body boundaries [AIAA 79-1465] p0565 A79-45269
ANDERSON, E. C.
Analysis and design of a contoured wind-tunnel liner for supercritical testing p0399 A79-19993
ANDERSON, E. L.
ANDERSON, E. C.
ANDERSON, G. E.
Characterization of a swept-strut hydrogen fuel-injector for scramjet applications p0635 A79-49345
ANDERSON, J., JR.
A study of the drooped leading edge airfoil [NASA-CR-158171] p0537 A79-26013
ANDERSON, J. C.
A real time video bandwidth reduction system based on a CCD Hadamard transform device p0621 A79-48702
ANDERSON, L. E.
ANDERSON, E.
Reliability based quality /RBB/ technique for evaluating the degradation of reliability during manufacturing p0205 A79-23631
ANDERSON, E. A.
Development of lightweight, fire-retardant, low smoke, high strength, thermally stable aircraft floor paneling p0087 A79-12033
ANDERSON, D. M.
Development of aircraft lavatory compartments with improved fire resistance characteristics p0680 A79-12041
ANDERSON, D. M.
PBDB program p0667 A79-31178
ANDERSON, D.
Development of aircraft lavatory compartments with improved fire resistance characteristics, phase 2: Sandwich panel resin system development [NASA-CR-152120] p0674 A79-31354
ANDERSON, E. L.
A technical update on satellites for aircraft communication and surveillance p0077 A79-16169
ANDERSON, E. L.
A variational theorem for laminated composite plates of nonlinear materials and applications to postbuckling p0894 A79-24977
ANDERSON, E. J.
An operational research investigation of the ice-detection capability and utility of the surface condition analyzer (SCAN) system and its applicability to Navy-wide use [AD-A067174] p0539 A79-26037
ANDERSON, E. R.
Adaptation of a digital airborne radar for use on the microphysics research aircraft
ARONSON, H.

Acousto-optic methods of character generation for aircraft laser displays

p0071 A79-15178

AROWAY, A. V.

The selection of materials technologies for full-scale development

[AIAA PAPER 79-1152]
p0467 A79-38962

ARORA, J. S.

Optimal design of wing structures with substructuring

p0694 A79-53773

Substructuring methods for design sensitivity analysis and structural optimization

[AD-A0659357]
p0848 A79-23949

Fail-safe optimal design of structures with substructuring

[AD-A0659366]
p0849 A79-23950

Dynamic structural analysis with substructures

[AD-A0659377]
p0849 A79-24378

AREHINTZ, D. E.

Transform domain processing for digital communication systems using surface acoustic wave devices

p0675 A79-31462

ARRICH, D., Jr.

Development of an environmental design and test guide for rotary-wing aircraft

p0075 A79-16078

ARYANIAH, S. T.

Rotor blade stability in turbulent flows. I

p0862 A79-38118

Rotor blade stability in turbulent flows. II

p0513 A79-47751

ARIEL, E.

Computation of subsonic and transonic flow about lifting rotor blades

[AIAA 79-1667]
p0568 A79-45333

ARMBUSTER, M.

Dry friction in the aerospace industry

p0876 A79-39783

ARMSTRONG, N.

The Learjet Longhorn series: The first jets with winglets

p0260 A79-26352

The Learjet Longhorn series: The first jets with winglets

p0299 A79-18893

ARMSTRONG, T. J.

Crashworthiness analysis of field investigation of business aircraft accidents

[SAP PAPER 780530]
p0465 A79-36721

Arnold, R. H.

Effect of number of probes and their orientation on the calculation of several compressor face distortion descriptors

[NASA-TP-72659]
p0935 A79-23087

ASHTON, R. N.

Peak Strouhal frequency of subsonic jet noise as a function of Reynolds number

p0806 A79-34537

Asymmetry of a circular jet observed in near and far fields

p0806 A79-34539

Peak Strouhal frequency of subsonic jet noise as a function of Reynolds number

[AIAA PAPER 79-1525]
p0576 A79-46709

ARNOLD, R. H.

Aircraft service experience of bonded assemblies prepared with phosphoric acid anodized prebond surface treatment

p0531 A79-43317

Development of aircraft lavatory compartments with improved fire resistance characteristics, phase 1: Fire containment test of a wide body aircraft lavatory module

[AIAA-CR-1520974]
p0856 A79-12151

Development of aircraft lavatory compartments with improved fire resistance characteristics. Phase 2: Sandwich panel resin system development

[AIAA-CR-152120]
p0674 A79-31354

ARNOLD, J. A.

AH-6 helicopter main rotor flow survey

[AD-A057443]
p092 A79-12078

AARON, E. M.

Automation of blade design for aircraft turbomachines

p0124 A79-16298

AARONSON, H. J.

Acousto-optic methods of character generation for aircraft laser displays

p0071 A79-15178

ARONSTAM!, G. A.

Development of aircraft lavatory compartments with subsequent transition near the leading edge of airfoils

[AIAA PAPER 79-0552]
p0256 A79-25663

Visualization of the separation and subsequent transition near the leading edge of airfoils

p0351 A79-19995

ARNOTTS, P. J.

Effect of CFFP technology on structural design and fatigue behavior of modern fighter aircraft

[OGLER PAPER 78-179]
p0151 A79-20020

ARGUE, C. T.

Airbus development in Micronisia

[SAE PAPER 780530]
p0005 A79-10400

Ashare, R.

Rotor blade stability in turbulent flows. I

p0462 A79-38118

Rotor blade stability in turbulent flows. II

p0513 A79-47751

ARUMULL, J.

Crashworthiness analysis of field investigation of business aircraft accidents

[AIAA PAPER 79-179]
p0065 A79-10400

ASHWORTH, P. P.

Effect of number of probes and their orientation on the calculation of several compressor face distortion descriptors

[NASA-TP-72659]
p0935 A79-23087

ASHLEY, N.

The repair of adhesively bonded aircraft structures using vacuum pressure

p0531 A79-43315

ASIAM, J.

Effect of number of probes and their orientation on the calculation of several compressor face distortion descriptors

[NASA-TP-72659]
p0935 A79-23087

ASLANOV, S. K.

Two-frequency-range theory of unstable turbulent reattachment of low Reynolds number flows near the leading edge of airfoils

[AIAA PAPER 79-1525]
p0576 A79-46709

ASLANOV, S. K.

Effect of number of probes and their orientation on the calculation of several compressor face distortion descriptors

[NASA-TP-72659]
p0935 A79-23087

ASPAWOOD, B. A.

Effect of number of probes and their orientation on the calculation of several compressor face distortion descriptors

[NASA-TP-72659]
p0935 A79-23087

ASSABABONSKI, B.

Study of future world markets for agricultural aircraft

[AIAA-PAPER 79-15937]
p0377 A79-21000

ASSABABONSKI, B.

Application of finite element techniques to aircraft laser displays

[AIAA PAPER 79-1520974]
p0856 A79-12151

ASSABABONSKI, B.

Application of finite element techniques to aircraft laser displays

[AIAA PAPER 79-1520974]
p0856 A79-12151

ASSABABONSKI, B.

Application of finite element techniques to aircraft laser displays

[AIAA PAPER 79-1520974]
p0856 A79-12151

ASSABABONSKI, B.

Application of finite element techniques to aircraft laser displays

[AIAA PAPER 79-1520974]
p0856 A79-12151

ASSABABONSKI, B.

Application of finite element techniques to aircraft laser displays

[AIAA PAPER 79-1520974]
p0856 A79-12151

ASSABABONSKI, B.

Application of finite element techniques to aircraft laser displays

[AIAA PAPER 79-1520974]
p0856 A79-12151

ASBEB, B. B.

Effect of number of probes and their orientation on the calculation of several compressor face distortion descriptors

[NASA-TP-72659]
p0935 A79-23087

ASHWORTH, P. P.

The repair of adhesively bonded aircraft structures using vacuum pressure

p0531 A79-43315

ASIAN, B.

Effect of number of probes and their orientation on the calculation of several compressor face distortion descriptors

[NASA-TP-72659]
p0935 A79-23087

ASSABABONSKI, B.

Study of future world markets for agricultural aircraft

[AIAA-PAPER 79-15937]
p0377 A79-21000

ASSABABONSKI, B.

Application of finite element techniques to aircraft laser displays

[AIAA PAPER 79-1520974]
p0856 A79-12151

ASSABABONSKI, B.

Application of finite element techniques to aircraft laser displays

[AIAA PAPER 79-1520974]
p0856 A79-12151

ASSABABONSKI, B.

Application of finite element techniques to aircraft laser displays

[AIAA PAPER 79-1520974]
p0856 A79-12151

ASSABABONSKI, B.

Application of finite element techniques to aircraft laser displays

[AIAA PAPER 79-1520974]
p0856 A79-12151

ASSABABONSKI, B.

Application of finite element techniques to aircraft laser displays

[AIAA PAPER 79-1520974]
p0856 A79-12151

ASSABABONSKI, B.
for the Swiss Aircraft Works in Enzen, Switzerland
[AIAA PAPER 78-116] p0180 N79-20496
BARAN, F. L.
Hot isostatic pressing structural materials for ramjet applications
p0210 N79-24103
BARAT-ITEBA, M. T.
Azimuth observability enhancement during INS in-flight alignment
[AIAA 79-1706] p0570 N79-85360
BARA, B.
A review of foiling interior materials and test methods development programs
p0667 N79-23117
BARAET, H.
Aerodynamics of airfoils with porous trailing edges
p0535 N79-03710
BARA, Y.
Investigation of the Multiple Method Adaptive Control (MMAC) method for flight control systems
BARAN, H. A.
Digital Avionics Information System (DAIS): Training requirements analysis model (TRAMOD), volume 1
[AD-A056874] p0716 N79-33202
BARAN, N.
Determination of friction losses in a turbine blade boundary layer
p0199 N79-23377
BARANOVSKYI, S. I.
Effect of injection angle on liquid injection in supersonic flow
[AIAA PAPER 79-0383] p0147 N79-19700
BARANOVSKY, S.
Ignition of liquid fuel jets in a supersonic air stream
[AIAA PAPER 79-1238] p0470 N79-38997
BARBER, J. P.
A study of embedded computer system software acquisition management and recommendations to improve development visibility
[AD-A058798] p0455 N79-23681
BARBER, J. F.
Impact of soft bodies on jet engine fan blades
[AD-A058194] p0594 N79-12091
The Charpy impact test as a method for evaluating impact resistance of composite materials
[AD-A057967] p0598 N79-12465
BARBER, G. E.
Ground-based measurements of the wake vortex characteristics of a T-747 aircraft in various configurations
BARBER, T. J.
Three dimensional modelling of cascade flows
[AIAA PAPER 79-0047] p0139 N79-19500
BARCHE, J.
Introduction and overview of configurations
p0665 N79-31160
BARD, W. D.
TF-17/ADEN system study
BARGE, H.
Six degrees of freedom large motion system for flight simulators
p0225 N79-15995
BARGE, R. L.
A theoretical investigation of forebody shapes designed for natural laminar boundary-layer flow
[NASA-TP-1795] p0215 N79-15903
BARG, P.
Radar system design for track-while-scan
p0248 N79-25139
BARG, W. R.
Development of a structural design procedure for rigid airport pavements
[AD-A065584] p0504 N79-28107
BARLOW, J. B.
Application of the equilibrium spin technique to a typical low-wing general aviation design
[AIAA 79-1625] p0566 N79-85307
A study of the drooped leading edge airfoil
BARR, P. S.
Experimental studies on the effects of a sting support on the pressure distribution around a spherical object
BARNES, P. R.
Hot isostatic pressing structural materials for ramjet applications
p0210 N79-24103
BARR, F. L.
Hot isostatic pressing structural materials for ramjet applications
p0210 N79-24103
<table>
<thead>
<tr>
<th>NAME</th>
<th>TITLE</th>
<th>PAPER NUMBER</th>
<th>PAGE NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAVUSO, S. J.</td>
<td>Model verification of force determination for measuring vibratory leads</td>
<td>p0050</td>
<td>A79-36379</td>
</tr>
<tr>
<td>BAYLIS, W.</td>
<td>Pressure and heat-transfer distributions in a simulated wing-elevator cove with variable leakage at a free-stream Mach number of 6.9</td>
<td>p0257</td>
<td>A79-18286</td>
</tr>
<tr>
<td>BAUMGARTNER, B</td>
<td>Characteristics of aerofoil noise on an aircraft fuselage related to interior noise transmission [AIAA PAPER 79-0646]</td>
<td>p0271</td>
<td>A79-26932</td>
</tr>
<tr>
<td>BAUB, B.</td>
<td>Computer analysis of reso-noacouge shell sections</td>
<td>p0609</td>
<td>A79-52718</td>
</tr>
<tr>
<td>BASKOV, A. G.</td>
<td>Flight dynamics /2nd revised and enlarged edition/</td>
<td>p0345</td>
<td>A79-31491</td>
</tr>
<tr>
<td>BEASL, L.</td>
<td>Economics of commercial aviation safety</td>
<td>p0072</td>
<td>A79-15374</td>
</tr>
<tr>
<td>BEAST, R. C.</td>
<td>Approximate analysis of stator wings at low speeds</td>
<td>p0342</td>
<td>A79-30608</td>
</tr>
<tr>
<td>BEATTIE, J.</td>
<td>On the noise emitted by cold subsonic coastal jets</td>
<td>p0117</td>
<td>A79-17767</td>
</tr>
<tr>
<td>BEATON, B. P.</td>
<td>Multifunction keyboard implementation study [AD-A066140]</td>
<td>p0501</td>
<td>A79-25066</td>
</tr>
<tr>
<td>BEAT, B. W.</td>
<td>Simulation of automatic control system failures [AH 79-28-26]</td>
<td>p0122</td>
<td>A79-18154</td>
</tr>
<tr>
<td>BEATT, Y. N.</td>
<td>Advanced crew station concepts, displays, and input/output technology for civil aircraft of the future</td>
<td>p0679</td>
<td>A79-51091</td>
</tr>
<tr>
<td>BEAT, R. J.</td>
<td>DEDO-NC - The new UTC system in the FBO</td>
<td>p0204</td>
<td>A79-23589</td>
</tr>
<tr>
<td>BEAT, D.</td>
<td>Helicopter flight control /HSP/</td>
<td>p0159</td>
<td>A79-19900</td>
</tr>
<tr>
<td>BEAUGER, A. E.</td>
<td>Lateral noise-attenuation results from flyovers of three transport aircraft [AIAA PAPER 79-0651]</td>
<td>p0318</td>
<td>A79-28566</td>
</tr>
<tr>
<td>BEAUGER, R.</td>
<td>A digital communication system as gateway between adjacent computerized air traffic control centres [AIAA PAPER 79-0651]</td>
<td>p0675</td>
<td>A79-31463</td>
</tr>
<tr>
<td>BEAUGER, F. K.</td>
<td>Evaluation of the Ryan Shearoscope as a severe weather avoidance system for aircraft</td>
<td>p0297</td>
<td>A79-18229</td>
</tr>
<tr>
<td>BAUSELEITER, K. J.</td>
<td>Applications of velocity potential function to acoustic duct propagation and radiation from inlets using finite element theory [NASA TM 79071]</td>
<td>p0220</td>
<td>A79-15955</td>
</tr>
<tr>
<td>BAUMGERTER, R.</td>
<td>Cost-effective production of flight vehicle shells by the pressure and flow-pressure processes [DGLE PAPER 79-068]</td>
<td>p0290</td>
<td>A79-32305</td>
</tr>
</tbody>
</table>
BELOV, V. D.

- Design of components of load-bearing structures
  p0020 79-12144

BEYER, B. E.

- Fuel, lubricants and other fluids used in aviation
  p0603 79-04733

BENDIESEN, O.

- 'Rotor Systems Research Aircraft /RSEA/ Emergency Escape System'
  [AIAA 78-12]
  p0120 79-18138

BENNET, L. J.

- Helicopter emergency escape
  p0403 79-33626

BENEDCE, D. F.

- Propeller slipstream wing interactions at Mach no.
  [SAA PAPER 780997]
  p0255 79-25881

BENDER, G. A.

- Tests under snow and icing conditions with the BO 105 engine installation
  p0032 79-10014

BENDER, G. L.

- Preliminary airworthiness evaluation AH-1S helicopter equipped with a Garrett infrared
  radiation suppressor and an AH/ALQ-144 jammer
  (AD-A0677577)
  p0581 79-26047

BENDER, K.

- Better performance for aircraft tracking and holding under gust and shearwind influence by
  use of direct digital control
  [NASA-TN-80105]
  p0587 1179-27096

BENDER, U.

- A spectral analysis of thunderstorm turbulence and jet transport landing performance
  p0278 79-27576

BENSON, G.

- Use of helicopter flight simulation for height-velocity test predictions and flight test
  p0123 79-18164

BENSON, E. M.

- Advanced General Aviation Turbine Engine (GATE) study
  [NASA-CR-159624]
  p0594 79-29189

BENNANI, A.

- An investigation into the noise interference problems at Logan Airport, Boston
  p0710 79-32417

BENNETT, G. V.

- Evaluation of ground-launch firings for the improved 2.75-inch rocket
  [AIAA PAPER 79-1297]
  p0471 79-39027

BENNETT, N. N.

- Transonic compressors for heavy gases. Part 1: Selections of the aerodynamic parameters
  p0307 79-19351

BENNETT, G. V.

- Transonic compressors for heavy gases. Part 2: Aero-mechanical considerations, testing and operation
  p0307 79-19352

BENNETT, G. V.

- Development testing of stages for centrifugal process compressors
  p0309 79-19392

BERG, E.

- Economical processing for the fabrication of CFRP components
  [DGLR PAPER 79-009]
  p0401 79-33600

BERG, E.

- A thermodynamic investigation of the sizer for noise reduction based on the work availability
  [AIAA 79-7017]
  p0328 79-29390

BERG, E.

- State of the art in aircraft loads monitoring
  p0561 79-44453

BERG, E.

- Determination of sample size in flight loads programs
  p0561 79-44454

BERG, E.

- Predicted crack repair costs for aircraft structures
  [AD-A068699]
  p0589 1179-29138

BERGER, H. P.

- Variable geometry torque converter
  [AD-A058603]
  p0103 79-13051

BERGER, H. P.

- Heat treatment of Fe/Ni nickel-base superalloys for turbine disks
  p0442 79-23254

BERGER, H. P.

- Low ES miniature response techniques
  [AD-A062219]
  p0597 79-23937

BERGER, H. P.

- Lowercost structure by substituting AP1410 steel for titanium
  p0208 79-24065

BERGER, H. P.

- Some calculations of transonic potential flow for the NASA 64A006 airfoil with oscillating flap
  p0352 79-20005

BERGER, H. P.

- An exploratory study of a finite difference method for calculating unsteady transonic potential flow
  [NASA-TN-60105]
  p0547 79-27096

BERGER, H. P.

- Wake induced time-variant aerodynamics including rotor-stator axial spacing effects
  p0213 79-29218

BERGER, H. P.

- The time-variant aerodynamic response of a stator row including the effects of airfoil camber
  [SAA PAPER 79-02-110]
  p0392 79-32385

BERGER, H. P.

- Enhanced fighter mission effectiveness by use of integrated flight systems
  p0558 79-30223

BERGER, H. P.

- Use of helicopter flight simulation for height-velocity test predictions and flight test
  p0123 79-18164

BERG, H.

- User's guide to data preparation: Photogrammetric navigation analysis program Votanap
  [AD-A068616]
  p0419 79-22070

BERG, H.

- Kalman filtering and smoothing in Potanap for orbit determination using GPS measurements
  [AD-A068613]
  p0419 79-22071

BERG, H.

- New technologies for general aviation aircraft
  [SAA PAPER 7909613]
  p0456 79-36742

BERG, H.

- Assessment of new technologies for general aviation aircraft
  [GBRC-8]
  p0232 79-16837

BERG, H.

- Technical evaluation report on the Fluid Dynamics Panel Symposium on Unsteady Aerodynamics
  [GARD-AR-128]
  p007 79-12028

BERG, H.

- Estimation of the useful life of the lower chord of the girder of the FC-7 'Turbo-Trainer'
atmosphere to 650 C

FLUIDICS: Feasibility study

[AD-406793] p0352

Applications of DS composites in aircraft gas
turbine systems

[ONERA, TP NO. 1978-73] p0081

Dynamic behavior of aircraft materials

[AD-406592] p0420

Small signal compensation of magnetic fields
resulting from aircraft maneuver

[AD-68-1200] p0638

Engine requirements for the next generation of
fighter aircraft

[ASTL PAPER 78-124] p0661

Evolving methods for reducing avionics data in an
AESP environment

[APL PAPER 79-2100] p0618

Reliability and maintainability growth of a
modern, high performance aircraft, the F-14A

[AD-A0254] p0205

The effect of operations on the ground noise
footprints associated with a large multibladed,
nonnabing helicopter

[BUSEK, T. J.] p0400

Design charts and boundaries for identifying
depture resistant fighter configurations

[AD-405873] p0092

Rotary balance data for a typical single-engine
general aviation design for an angle-of-attack
range of 5 deg to 90 deg. 1: High-wing model B
[NASA-CR-3097] p0649

Rotary balance data for a typical single-engine
general aviation design for an angle-of-attack
range of 5 deg to 90 deg. 2: Low-wing model B
[NASA-CR-3098] p0712

Fracture toughness of multiply layer adhesive
bonded aluminum alloy sheet

[BUSEK, P. A.] p0156

An improved system for use in conducting wake
investigation for a wing in flight


Section drag coefficients from pressure probe
transverse of a wing wake at low speed

[BUSQUICHI, J. M.] p0352

Pulsed laser Doppler measurements of wind shear

[BUSQUICHI, J. M.] p0666

Estimation of reliability from multiple
independent grouped censored samples with
failure times known

[BUSQUICHI, J. M.] p0206

The circulation control rotor flight demonstrator
test program

[ASME 79-51] p0633

Driveshaft alignment indicator

[AD-405319] p0487

Friction and wear of carbon-graphite materials for
high-energy brakes

[BUSQUICHI, J. M.] p0082

Development of sprayed ceramic seal system for
turbine gas path sealing

[ASME PAPER 78-WA/AC-7] p0149

Wear of seal materials used in aircraft propulsion
systems

[NASA-TM-79003] p0057

Development of sprayed ceramic seal systems for
turbine gas path sealing

[NASA-TM-79002] p0227

Composite seal for turbomachinery


Secondary-flow-related vortex cavitation

[BUSQUICHI, J. M.] p0037

The solid state remote power controller - Its
status, use and perspective

[BUSQUICHI, J. M.] p0012

Air traffic control/fall beam collision
avoidance system Chicago simulation

[AD-406592] p0713

Beacon-based collision avoidance system -
Experimental results

[BUSQUICHI, J. M.] p0001

Phosphorylated epoxy adhesives

[BUSQUICHI, J. M.] p0088

Advanced technology applied to the CH-47D drive
system

[SAR PAPER 790104] p0258

Experimental investigation of three helicopter
rotor airfoils designed analytically

[NASA-TM-1396] p0486

Helicopter rotor airfoil

[NASA-CASE-LAR-12396-1] p0492

Alternative hydrocarbon fuels: Combustion and
chemical kinetics; SQUID Workshop, Loyola
College, Columbia, Ed., September 7-9, 1977,
Technical Papers

[p051] A79-12977

Alternative hydrocarbon fuels: Combustion and
chemical kinetics

[AD-4061050] p0299

The prediction of lightning-induced voltages on
metallic and composite aircraft

[BUSQUICHI, J. M.] p0243

Aircraft turbine engine monitoring experience:
Implications for the F100 engine diagnostic
system program

[AD-405622] p0671

Calculation of the three-dimensional flow field in
supersonic inlets at angle of attack using a
bicharacteristic method with discrete shock wave
fitting

[AAIA PAPER 79-0379] p0147

A computer program for the calculation of the flow
field in supersonic mixed-compression inlets at
angle of attack using the three-dimensional
method of characteristics with discrete shock wave
fitting

[NASA-TM-78989] p0033

Artificial icing test photic coatings on 0B-18
helicopter rotor blades

[AD-405875] p0220

Dissipation of the circulation control rotor
blade's aerodynamic characteristics of a 0.03-scale NASA
Space Shuttle Orbiter at Mach numbers from 0.90
to 1.55

[AD-1062977] p0369

Overestimates of entrainment from wetting of
aircraft temperature sensors in cloud

[BUSQUICHI, J. M.] p0249

Investigation of notch base drive techniques

[AD-1023630] p0105

Proceedings of AFFDL Flying Qualities Symposium

[AD-1066953] p0046

Effects of vertical tail flexibility on the
aerodynamic characteristics of a 0.03-scale NASA
Space Shuttle Orbiter at Mach numbers from 0.90
to 1.55

[AD-1062977] p0369
PERSONAL AUTHOR INDEX

BLACK, L. N.
In-house exploratory development program on microstrip antennas
[AD-A058999]
p0107 879-13233

BLACK, R.
Ship motion effects on landing impact loads
[ASNA 79-0742]
p0320 879-29014

BLACKBURN, B.
Preliminary design study of a composite main rotor blade for the T55-GE-16A helicopter. Trade analysis and preliminary design study of composite CM-58 main rotor blade
[AD-A066159]
p0420 79-22900

BLACKBURN, L. S.
Application of advanced technologies to improve C-141 cruise performance
[AIAG PAPER 79-0686]
p0140 879-19515

BLACKMAN, S.
Wind tunnel and flight test of the XV-15 Tilt Rotor Aircraft Research
[AHS 79-54]
p0633 879-69105

BLACKWELL, R. B.
Aeroelastically conformable rotor mission analysis
[NASA-TP-1384]
p0287 879-17810

BLACKWELL, K. I.
Wind tunnel performance of four energy efficient propellers designed for Mach 0.8 cruise
[SARE PAPER 790573]
p0459 879-36759

BLAHA, B.
Tone noise of three supersonic helical tip speed propellers in a wind tunnel
[NASA-TM-75124]
p0355 879-20065

BLAIR, B. P.
Wind tunnel performance of four energy efficient propellers designed for Mach 0.8 cruise
[ASNA-79-1353]
p0251 879-17809

BLAIR, J. D.
An experimental wind-tunnel investigation of a ram-air-spoiler rcll-control device on a forward-control missile at supersonic speeds
[ASNA-79-1701]
p0559 879-65356

BLAIR, A. B., JR.
Dual digital flight control redundancy management system development program
[AIAG 79-1701]
p0569 879-65356

BLAIR, F. E.
An experimental investigation of film cooling on a turbine rotor blade
[ASNE PAPER 79-07-32]
p0230 879-30518

BLAIR, B. B.
An experimental study of endwall and airfoil surface heat transfer in a large scale turbine blade cascade
[ASNE PAPER 79-07-99]
p0392 879-32375

BLAIR, B. H.
Research on centrifugal effects on turbine rotor blade film cooling
[AD-A062020]
p0165 879-14106

BLAIR, P. E.
Navstar user equipment for civil and military applications
p0638 879-69587

BLAKE, L. N.
Improved method of predicting helicopter control response and gust sensitivity
[AHS 79-25]
p0629 879-49077

BLAISE, G.
Naval architectural considerations in the design of a helicopter
[AIAG 79-2013]
p0692 879-53622

BLAKE, D. E.
Jet engine test cells: Emissions and control measures, phase 1
[PR-283470/3]
p0650 879-11580

BLAKELY, R. A.
Report of the FAA task force on aircraft separation assurance. Volume 1: Executive summary
[AD-A067505]
p0840 879-26042

BLAKELY, D. F.
The generation, radiation and prediction of supersonic jet noise. Volume 2, appendix:
Computer program listing
[AD-A066685]
p0428 879-22854

BLANCHARD, D. R.
A shock capturing application of the finite element method
p0247 879-24771

BLANCO, T. A.
Technology trends and maintenance workload requirements for the F-7, F-8, and F-18 aircraft
[AD-A070036]
p0701 879-32153

BLAND, S. B.
Scale calculations of transonic potential flow for the NACA 64A006 airfoil with oscillating flap
p0352 879-22005

BLANKENSHIP, B. L.
An exploratory study of a finite difference method for calculating unsteady transonic potential flow
[NASA-TM-80105]
p0547 879-27096

BLASCHKE, G.
Development of linear and non-linear hub springs for two-bladed rotors
p0344 879-31171

BLASCHKE, J.
The DME-based Azimuth System /DAS/ as a commercial navigation aid
[DCLB PAPER 79-038]
p0519 879-62364

BLASZCZYK, A.
Analysis of longitudinal natural vibrations of deformable aircraft by the finite-element method
p0251 879-25505

BLASZEWSKI, W. S.
Future fuels in gas turbine engines
p0051 879-12979

BLUESTONE, J.
Evaluation of future jet fuel combustion characteristics
[AD-A060218]
p0167 879-14231

BLICK, A. J.
A spectral analysis of thunderstorm turbulence and its influence on civil air transport
[ASNE PAPER 79-07-32]
p0211 879-32002

BLAIR, R. B.
Experimental verification of program MUSH - A mathematical model for general aviation structural crash dynamics
[SARE PAPER 790573]
p0459 879-27096

BLAIR, J. J.
Cost and operational effectiveness of RSH improvements
p0073 879-15403

BLAIR, B. K.
Canopy glint screening investigation
[AD-A066093]
p0711 879-15028

BLAIR, A.
Small hovercraft design - Evolution to simplicity
[AD-A070113]
p0669 879-31202

BLAIRE, S. J.
Small turbine engine integration in aircraft installations
p0278 879-27576

BLOOMER, B. B.
Small submarine engine integration in aircraft installations
p0554 879-27170

BLOCH, A.
A self contained collision avoidance system for helicopters
p0656 879-30206

BLOOMER, B. B.
Experimental verification of program KASH - A mathematical model for general aviation structural crash dynamics
[SARE PAPER 790573]
p0459 879-36723

BLOOMER, B. B.
The use of falcons to disperse nuisance birds at Canadian airports - An update
p0325 879-29359

BLOOMER, B. B.
Investigation of wing shielding effects on CTOL engine noise
BOGOY, A. B.

A numerical solution of supersonic and hypersonic viscous flow fields around thin planar delta wings

[AIAA PAPER 79-0665] p0371 A79-20309

BOGOSLOV, A. I.

Investigation of wing shielding effects on CTOL engine noise

[RASA-TK-79078] p0371 A79-20309

BLUFORD, G. S., JR.

Analysis of short haul air passenger demand, volume 2


BOBBITT, P. J.

Simulation and study of V/STOL landing aids for USN 4-sh-8 aircraft

[AD-A067174] p0055 A79-20032

BOKEMEE, T. P.

Bailout from autorotating helicopters

[AD-A061482] p0239 A79-16989

BODDY, B. Q.

A high resolution visual system for the simulation of in-flight refuelling

[AD-8067590] p0582 A79-28170

BONASSAR, N. J.

Experimental studies of unsteady aerodynamics on wind tunnel models of helicopter rotors

[AD-60644859] p0441 A79-23219

BOHNS, D.

Unsteady upstream effects in axial-flow supersonic compressor stages

[ASME PAPER 79-GT-55] p0391 A79-32350

BOINBUR, V. D.

Determination of the wave drag of an airfoil in a transonic flow by shear interferometry

[AD-6054859] p0411 A79-23219

BOHR, J.

Experimental studies of unsteady aerodynamics on wind tunnel models of helicopter rotors

[AD-605632] p00143 A79-11003

BOHR, J.

The Netherlands experimental vertical axis wind turbine

[AD-A065632] p0431 A79-23028

BOHR, J.

A high resolution visual system for the simulation of in-flight refuelling

[ASME PAPER 79-GT-53] p0391 A79-32348
Lo-frequency augmentor instability investigation computer program user's manual
[AD-A065774A] p0436 N79-23093

BRANT, R.
B-52 aircraft gross weight computational system
[AD-A0697610] p0115 N79-17610

BRASEHANS, R. E.
Investigation of a laser Doppler velocimeter system to measure the field of a large scale V/STOL aircraft in ground effect
[AD-A0650509] p0239 N79-17011

B-52 V/STOL aircraft wake vortex characteristics from data measured at John P. Kennedy International Airport
[AD-A0650509] p0158 N79-14026

Laser Doppler velocimeter measurements of a B-747 wake vortex characteristics
[AD-A0650509] p0159 N79-14034

BRASHEART, R. E.
Combined pressure and temperature distortion
effects on internal flow of a large scale V/STOL aircraft in ground effect
[AD-A0650509] p0158 N79-14026

Ground-based measurements of the wake vortex characteristics of a B-747 aircraft in various configurations
[AD-A0650509] p0159 N79-26016

Investigation of a laser Doppler velocimeter system to measure the flow field around a large scale V/STOL aircraft in ground effect

BRASHEART, R. E.
The contribution of dynamic X-ray to gas turbine air sealed technology
[AD-A0650509] p0159 N79-11065

BRASSEILL, R. E.
VOLAE: A digital computer program for simulating VSTOL aircraft launch and recovery from small ships. Volume 1: Program description
[AD-A0661722] p0485 N79-23954

VOLAE: A digital computer program for simulating VSTOL aircraft launch and recovery from small ships. Volume 2: Appendices
[AD-A0661732] p0485 N79-23955

BRADLEWIN, D. R.
Evaluation of airfield pavement materials based on synthetic polymers
[AD-A0650509] p0635 N79-49388

BRAY, C.
Computer-aided collection of demographic data within day-night level contours: Two test cases
[AD-A0650509] p0308 N79-19010

BRATTON, B.
Soviet swing-wings
[AD-A0650509] p0112 N79-17125

BRAYWELL, J. V.
Real-time gravity filtering from on-board gradiometers
[AD-A0650509] p0609 N79-52556

BRAYSHP, C. A.
[AD-A0650509] p0335 N79-29801

BRASHER, G. G.
A brief review of air flight weapons
[AD-A0650509] p0431 N79-23051

WEAPON/aircraft interactions
[p0556 N79-27205

BREED, B. N.
Case studies on convective storms. Case study 2,
22 June 1976: First echo case
[AD-A0650509] p0722 N79-33758

Case studies on convective storms. Case study 1,
22 June 1976: First echo case
[AD-A0650509] p0722 N79-33759

BREEDLOVE, W. J., Jr.
Comparative study of flare control laws
[AD-A0650509] p0230 N79-16822

BREESEH, J. E.
Evaluation of a method to extract performance data from dynamic maneuvers for a jet transport aircraft
[AD-A0650509] p0155 N79-20118

BREITBACH, R. J.
Treatment of the control mechanisms of light airplanes in the flutter clearance process
[AD-A0650509] p0348 N79-27078

BREHEEY, W. L.
Informativeness and effectiveness of digital command-generating devices
[AD-A0650509] p0451 N79-36588

BREmention, P. R.
Axial compressor operation with radially
BUTLER, R. F.
Wide range operation of advanced low NOx aircraft gas turbine combustors
[ASME PAPER 78-GT-128]

CALLEONI, G. L.

CALLEONI, G. L.

CALLEONI, G. L.

CALLEONI, G. L.

CALLEONI, G. L.

CALLEONI, G. L.

CALLEONI, G. L.

CALLEONI, G. L.

CALLEONI, G. L.

CALLEONI, G. L.

CALLEONI, G. L.

CALLEONI, G. L.

CALLEONI, G. L.

CALLEONI, G. L.

CALLEONI, G. L.

CALLEONI, G. L.

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CALLEONI, G. L.

CALLEONI, G. L.

CALLEONI, G. L.

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CALLEONI, G. L.

CALLEONI, G. L.

CALLEONI, G. L.

CALLEONI, G. L.

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CALLEONI, G. L.
CAMPBELL, P. P.
Feasibility study of GPS-inertial navigation for helicopters and study of advanced GPS signal processing techniques, volume 3 [AD-A053659]
p0690 879-12059

CALISE, A. J.
A nonlinear approach to the design of jet engine control systems
p0070 879-15016

CAMPBELL, E. B.
Optimal flight path control
[3AA 79-1620] p0565 879-45303

CAMPBELL, D. A.
Analysis of operational procedures and design modifications for aircraft fuel conservation
[3AA 79-1656] p0568 879-45328

CALIKS, R. E.
Parachute partial inversions
p0066 879-14428

CALLAS, G. P.
A Demonstration Advanced Avionics System for general aviation
[SAE PAPER 790569] p0452 879-36709

CALLAS, T. E.
Guidance law design for tactical weapons with standoff seekers
[3AA 79-1732] p0571 879-45376

CALLIHAM, R. J.
Periodic strength of a cracked leg
[ARL/STT/CR-442] p0039 879-10445

CALMA, J.
Analysis of plane rise from jet aircraft
p0532 879-43436

Analysis of plane rise from jet aircraft
[CONF-790162-1] p0669 879-31204

CALIPAS, M. J.
Development of a multitubular spar composite main rotor blade
p0015 879-10919

CABAK, W. J.
A new stage stacking technique for axial-flow compressor performance prediction
[ASME PAPER 78-GT-139] p0002 879-10268

CABASSE, B.
Generation of body-fitted coordinates for turbine cascades using multigrid
[3AA 79-7049] p0331 879-29417

CABRELLE, M.
Technological evolution of inertial navigation for aircraft
p0334 879-29760

CABRELLE, H.
The effect of surface imperfections on the aerodynamic performance of an airfoil at moderate Reynolds numbers [TM-217]
p0631 879-23048

CABRETON, A.
Head-up Display and Weapon Aiming Computer [HUD/WAC] system for the Sea Barrier
p0532 879-29482

CABRETON, D. W.
Stable boundary layer wind shear model for aircraft flight hazard definition
p0278 879-27575

CABRETON, B. T., JH.
The effective acoustic environment of helicopter crewmen
p0040 879-10850

CABRETON, D. A.
Gas turbine disc sealing system design
p0048 879-11072

CABRETON, D. B.
Configuration development of the X-24C hypersonic research airplane [NASA-CH-145274]
p0210 879-15940

CABRETON, J. F.
Effects of spanwise blowing on the surface pressure distributions and vortex-lift characteristics of a trapezoidal wing-strake configuration [NASA-TD-1290]
p0220 879-16603

CABRETON, J. P.
Development of V/STOL aircraft - 1950 to 1970
p0604 879-47606

CABRETON, P. P.
Turbine engine particulate emission characterization
[AD-A073798] p0717 879-33208

CAMPBELL, P. B.
Planning and control of bird hazard reduction at airports in the Transport Canada system
p0325 879-29356

CAMPBELL, B. B.
New technology in commercial aircraft design for minimum operating cost
[3AA 79-0660] p0275 879-27356

CAMPBELL, T. B.
Turbine design system
[3AA-8066092] p0487 879-23978

CAMPBELL, D. G.
Development of a control wheel steering mode and suitable displays that reduce pilot workload and improve efficiency and safety of operation in the terminal area and in windshear
[3AA 79-1867] p0573 879-45944

CAMPBELL, R. B., JR.
Minimun expected cost control of linear systems with uncertain parameters - Application to remotely piloted vehicle flight control systems
[3AA 79-1745] p0571 879-45387

CAMPBELL, R.
Ignition of Liquid fuel jets in a supersonic air stream
[3AA PAPER 79-1238] p0670 879-38997

CAMPBELL, R.
Impedance measurements on a spinning model helicopter rotor
[ARC-CF-1399] p0220 879-15955

CARL, B. J.
Rolls-Royce RB-401-07 turbofan engine for business aircraft in the 1980's
[S ANE PAPER 790620] p0557 879-36748

CAMPBELL, B.
The flying hot wire and related instrumentation
[NASA-CH-3066] p0699 879-11352

CAMPBELL, J.
Some factors affecting the dynamic stability derivatives of a fighter-type model
p0176 879-15071

CAPPELLUPO, J. P.
The YF-18 challenge - Readiness and low total cost
p0073 879-15402

CAPONE, F. J.
Performance characteristics of nonaxisymmetric nozzles installed on the F-18 aircraft
[3AA PAPER 79-0101] p0201 879-23532

Performance characteristics of a wedge nozzle installed on an F-18 propulsion wind tunnel model
[NASA PAPER 79-1164] p0511 879-41774

The nonaxisymmetric nozzle - It is for real
[3AA PAPER 79-1810] p0607 879-47893

CAPPRELLI, R.
A critical-review of performance monitoring systems on the basis of the experience obtained from routine applications
[3AA 79-7006] p0327 879-29381

Transient temperature distribution in cooled turbine blades
[3AA 79-7046] p0330 879-29418

CAPPRELLI, R.
Characteristics of an Air Cushion Landing System incorporating an inelastic trunk
p0680 879-49909

CAPPRELLI, R.
Heave-pitch-roll analysis and testing of air cushion landing systems
[NASA-CH-2917] p0651 879-30175

CAPPRELLI, R.
Gust alleviator feasibility study for SST
p0659 879-30230

CAPPRELLI, R.
The influence of the transonic flow field on high-speed helicopter impulsive noise
p1355 879-18690

CAPPRELLI, R.
Wind tunnel corrections for STOL models
p0429 879-22998

CAPPRELLI, R.
Investigation of the feasibility of using the discrete address beacon system data link for non-ATC communications
[AD-A058453] p1000 879-13023

CAPPRELLI, R.
NASA/FAA general aviation crash dynamics program - An update
p0689 879-52694

Improvements to the FAYOLA computer program including nosewheel steering: Supplemental
CARRIER, P.

CARRITO, J. A., & B.

CARE, K.

CALICO, J. G.

CARRILLO, J. G.

CARRIGAN, J. B.

CARRIER, L.

CAPRI, H.

CARE, H.

CARRELL, B. L.

CARBON, N.

CARLSOW, W. A.

CARLSON, L. A.

CARLSON, D. B.

CARLOCK, O.

Formulas for takeoff performance P3-A, P and C

Transonic/supersonic lateral aerodynamic derivatives

Airworthiness and certification aspects of civil airplanes

The injector driven tunnel

The effects of lightning and nuclear electromagnetic pulse on the composite aircraft

The combustion of a range of distillate fuels in small gas turbine engines

The evaluation of two-dimensional compressible flow past an oscillating cascade with finite seam flow deflection

The perils and pitfalls of low-cost vibration obscuration and E.H.C. effects

The calculation of two-dimensional compressible flow past an oscillating cascade with finite seam flow deflection

The influence of sweep on the aerodynamic loading of an oscillating NACA 0012 airfoil

The influence of sweep on the aerodynamic loading of an oscillating NACA0012 airfoil. Volume 2: Data report

Turbochinery flutter: Introductory concepts

Evaluation of an FM/CW range measurement system

Computer analysis of aeroelasticity in aerofoil analysis and design

Evaluation of an FM/CW range measurement system for VTOL landing

Summary of past experience in natural laminar flow and experimental programs for resilient leading edge

Influence of geometric variables on stress intensity factors for crack gages

Crash survivability of the UH-60A helicopter

The combustion of a range of distillate fuels in small gas turbine engines

Computer analysis of aeroelasticity in aerofoil analysis and design

Stress intensity factors, for collinear cracks in a stiffened sheet

The perils and pitfalls of low-cost vibration obscuration and E.H.C. effects

Some steady and oscillating airfoil test results, including the effects of sweep, from the tunnel spanning wing


Omega and VLF aircraft installations

New materials for future commercial aircraft

Stress intensity factors, for collinear cracks in a stiffened sheet

The perils and pitfalls of low-cost vibration obscuration and E.H.C. effects

Some novel techniques for avoiding antenna obscuration and E.H.C. effects

Testing of the TOW missile-configured AH-17 helicopter

The calculation of two-dimensional compressible potential flow in cascades using finite area techniques

Particle trajectories in turbine cascades

Subsonic flow past an oscillating cascade with finite mean flow deflection

Proceedings of the Seminar on Advanced Problems in Turbochinery, part 1

Aerodynamically controllable rotor mission analysis

aircraft for STOL
Impact of noise generated by supersonic transports on the environment

Selecting the geometric parameters and position of a nose flap on the root profile of a swept wing using tunnel test data. II

Flow around small-aspect-ratio delta wing with vortex 'bursting'

Investigation of the aerodynamic and acoustic performance of a low-pressure ratio tandem-blade compressor

The problem of engine snap-through on the engine stand

On the design of thin subsonic airfoils

Theory and experiments on precision L-band DEE

Numerical computation of aeroelastically corrected transonic loads

The transonic oscillating flap

Nonlinear interaction between mean and unsteady motion of a constant chord wing section

Architecture of an intelligent cockpit monitoring system - A focus on air quality analysis

The integration of airport planning and environmental assessment

Jet engine test cells: Emissions and control

Special Ground testing facilities and testing techniques for STOL aircraft

Display monitoring problems

Catalytic combustion for gas turbine applications

Full scale testing of ultra high pressure ratios in a large scale combustor

Impact of noise generated by supersonic transports on the environment

Fully conservative numerical solutions for unsteady irrotational transonic flow about airfoils

Fracture mechanics for structural adhesive bonds, part 2, phase 2

Theoretical fundamentals of radio altimetry

The integration of airport planning and environmental assessment - A focus on air quality analysis

Light propeller aircraft noise

The pricing of a wind tunnel with a hydraulic compressor

Large plastic deformation analysis of impulsively loaded curved frames

Display monitoring problems

Geometric scaling and performance of dump combustors with vortex amplification and swirl generation by gas jets

An experimental study of sound radiation from a life rotor

Theoretical fundamentals of radio altimetry

Operational or tactical effects of noise generated by supersonic transports on the environment

Impact of noise generated by supersonic transports on the environment
CLEVERSON, B. E.

Volume 2: Supplemental system design information [NASA-79-2856-2].

CLEVERSON, S. A.

Development of noise and vibration ride comfort criteria [NASA-79-21058].

CLEWELL, R. J., III

Drop formation, evaporation modelling and environmental assessment of JP-4 fuel jettisoned from aircraft [IAIA PAPERS 79-0186].

CLIFF, B. N.

A computer program for aircraft identification and derivative extraction [NASA-79-50306].

CLIFF, P. D.

Restrictive assumptions and range of validity of Schlichting's cascade analysis [NASA-79-21058].

CLIFFORD, D. W.

The impact of the total lightning environment on aircraft flight control systems [NASA-79-25319].

CLINE, J.

An RF compatible lightning diverter strip [NASA-79-18237].

CLINE, V. A.

Wing/store flow-field measurements at transonic speeds using a laser velocimeter [NASA-79-29149].

CLOUD, B.

Digital target extraction at civil air traffic control radars installations in the Federal Republic of Germany and possibilities for its further development from the point of view of the Federal Institute of ATC [NASA-79-26753].

CLOUD, G.

Residual surface strain distributions near holes which are coldworked to various degrees [NASA-79-29550].

CLYNE, R. W.


COCOBAU, J. A.

Quiet propulsive lift for commuter airlines [NASA-79-78596].

COCKRELL, D. A.

A single physical model of a descending parachute [ASTIA 79-10448].

COHAN, T. J.

Theoretical and experimental investigation of ground-induced effects for a low-aspect-ratio highly swept arrow-wing configuration [NASA-79-27095].

COHEN, B. B.

Effect of outboard vertical-fin position and orientation on the low-speed aerodynamic performance of highly swept wings [NASA-79-28142].

COHEN, G. L.

Reducing surface strain distributions near holes in which are coldworked to various degrees [NASA-79-29550].

COHEN, N.

New air service and deregulation - A study in transition [NASA-79-35032].

COHEN, S. A.

Naval air traffic control systems requirements via collision risk model [NASA-79-33624].

COLOGOSCA, L.

Naval systems requirements via collision risk model [NASA-79-33624].

COMMEND, G.

Naval air traffic control systems requirements via collision risk model [NASA-79-33624].

COMMER, B.

A slender delta wing oscillating in surface waves [NASA-79-27095].

COOGERS, H. M.

The airport capacity increasing potential of angled runway exit designs [AFIP PAPERS 7800567].

COHEN, W. E.

What small turbine engine does the small helicopter need, or The road to hell is paved with good intentions [ASTIA PAPERS 79-13174].

COLCERELL, D. J.

A simple physical model of a descending parachute canopied [NASA-79-26662].

COLLINS, P. L.

A computer program for aircraft identification and maintenance document [NASA-79-26662].

COLLINS, J. A.

A throat-bypass stability-bleed system using relief valves to increase the transient stability of a mixed-compression inlet [NASA-79-10837].

COLLINS, N. J.

A slender delta wing oscillating in surface waves [NASA-79-27095].
<table>
<thead>
<tr>
<th>Colless, P.</th>
<th>Wind tunnel real-time data acquisition system</th>
<th>p0202 A79-23552</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colledge, J. M.</td>
<td>Management of test program development for S-3A</td>
<td>p0365 A79-21097</td>
</tr>
<tr>
<td>Coleman, J. J.</td>
<td>Development of a systematic technique for analyzing the effectiveness of aircraft class 4 modifications</td>
<td>p0172 A79-15033</td>
</tr>
<tr>
<td>Collins, B. B.</td>
<td>The flying hot wire and related instrumentation</td>
<td>p049 N79-11352</td>
</tr>
<tr>
<td>Collins, D.</td>
<td>Review of low speed wind tunnel requirements for STOL testing</td>
<td>p0429 N79-22999</td>
</tr>
<tr>
<td>Coller, N. A.</td>
<td>Hazard criticality analysis</td>
<td>p007 A79-10621</td>
</tr>
<tr>
<td>Collett, D.</td>
<td>Behavior of a transport aircraft with a high aspect ratio wing at a high angle of incidence</td>
<td>p0174 A79-22005</td>
</tr>
<tr>
<td>Coller, B. B.</td>
<td>Design benefits from V/STOL control/display simulations program at Lockheed</td>
<td>p0331 A79-29479</td>
</tr>
<tr>
<td>Collot, V. C.</td>
<td>Analytical derivatives</td>
<td>p0436 A79-23090</td>
</tr>
<tr>
<td>Collins, R. W.</td>
<td>The Digibus multiplex at the heart of avionics</td>
<td>p0459 A79-36975</td>
</tr>
<tr>
<td>Collings, K. S.</td>
<td>Structural analysis of a gas turbine impeller using finite-element and holographic techniques</td>
<td>p0272 A79-27199</td>
</tr>
<tr>
<td>Collins, Y. G.</td>
<td>Boundary layer control on wings using sound and leading edge serrations</td>
<td>p0160 A79-79926</td>
</tr>
<tr>
<td>Collins, J. K.</td>
<td>Surface pressure data for a supersonic-cruise airplane configuration at Mach numbers of 2.30, 2.96, 3.30</td>
<td>p0417 A79-22051</td>
</tr>
<tr>
<td>Collines, N. G.</td>
<td>Operational evaluation of an Air Traffic Control Radar Beacon System open array antenna</td>
<td>p0274 A79-27139</td>
</tr>
<tr>
<td>Colling, R. B.</td>
<td>An extension to the method of Carabedian and Korsa for the calculation of transonic flow past an aerofoil to include the effects of a boundary layer and wake</td>
<td>p0590 A79-29154</td>
</tr>
<tr>
<td>Collings, J.</td>
<td>Propagation of inlet flow distortions through an axial compressor stage</td>
<td>p0186 A79-22335</td>
</tr>
<tr>
<td>Collins, D. B.</td>
<td>Aerodynamic and mechanical factors affecting the surge line: Inlet flow distortion influences on axial flow compressors</td>
<td>p0307 A79-19363</td>
</tr>
<tr>
<td>Collins, R. W.</td>
<td>Distortions, rotating stall and mechanical solicitations</td>
<td>p0555 A79-27177</td>
</tr>
<tr>
<td>Collar, H. J.</td>
<td>Application of modal algorithmic control to a lightly damped single input single output system</td>
<td>p022 A79-22115</td>
</tr>
<tr>
<td>Coller, B. H.</td>
<td>Infrared resolution target system</td>
<td>p0081 A79-16550</td>
</tr>
<tr>
<td>Collin, D. E.</td>
<td>Evaluation of an FM/CW range measurement system for VTOL landing</td>
<td>p0488 A79-36086</td>
</tr>
<tr>
<td>Collin, J. B.</td>
<td>Aviation safety - Facts and fiction</td>
<td>p0399 A79-32230</td>
</tr>
<tr>
<td>Collin, M. B.</td>
<td>Experimental investigation of unsteady phenomena in vaneless radial diffusers</td>
<td>p0195 A79-22329</td>
</tr>
</tbody>
</table>
CONRAD, B.

COOK, A. F.

COOK, D. F.

COONS, F. G.

Cook, R. B.

COOK, F. V.

COPELAND, D.

Correlation of data related to shock-induced trailering-edge separation and extrapolation to flight Reynolds number

Cooper, D. F.

COPPOLA, A.

Conners, C. B.

Conners, F. B.

Conners, J. C., Jr.

Conners, N. B.

CONX-852-N20-14361-1

COHOL, F. P.

COOK, G.

COOPER, D. F.

CORNEL, J. R.

CORNELL, J. R.

CORNELL, R. N.

CORNER!, G.

CORPORATE, R. N.

CORPORATE, S. B.

CORPORATE, N. B.

Cross-section of aircraft electronic systems against the indirect effects of lightning

Cork, F. B.

Cork, F. B.

CORK, F. B.

CORK, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

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Cork, F. B.

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Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

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Cork, F. B.

Cork, F. B.

Cork, F. B.

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Cork, F. B.

Cork, F. B.

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Cork, F. B.

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Cork, F. B.

Cork, F. B.

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Cork, F. B.

Cork, F. B.

Cork, F. B.

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Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.

Cork, F. B.
COSTES, J.-J.
The application of the lifting line concept to helicopter computation
[ONERA, TP No. 1578-92] p0018 79-11571

COTTA, B.
Fly-by-light
p0533 79-43458

COTTINGTON, B. V.
Dynamic response testing of gas turbines
[ASME PAPER 79-GT-31] p0196 79-22332

COTTOLINO, I. V.
Natural icing flight tests and additional simulated icing tests of a UH-1H helicopter incorporating an electrothermal ice protection system
[AD-A0507902] p0162 79-14984

COTTON, B. A.
Icing tests of a UH-1H helicopter with an electrothermal ice protection system under simulated and natural icing conditions
[AD-A0677371] p0141 79-26040

COTT, P. J.
A design review of ceramic components for turbine engines
[ASME PAPER 79-GT-183] p0356 79-32442

COB, D. B., JR.
Improvement of the aerodynamic circuit in the Breguet-Vertol low speed wind tunnel
[AAP-MT-76-11] p0041 79-23121

COB, C. B.
Enclosure fire modeling
p0088 79-12046

COB, J.
2D simulation of unsteady phenomena on a rotor
p0129 79-18646

COB, H. W.
Calculation of transonic flows around wings
[ONERA, TP No. 1976-125] p0015 79-11132

COB, G.
Identification of unsteady effects in lift buildup
p0178 79-15083

COB, R. L.
Soda and aircraft measurements of turbulence parameters within cooling tower plumes
p0193 79-21967

Simultaneous measurements of turbulence in the lower atmosphere using soda and aircraft
p0193 79-21968

COB, G. J.
Policy impacts of ATC automation: Human factors considerations
[AD-A051064] p0160 79-14060

Atlanta center upgraded third generation enroute ATC system operations: A case study
[AD-A056180] p0161 79-14071

COB, H. V.
Development of a research plan for the improvement of aerodynamic models for analysis of ballistic range data
[AD-A067950] p0539 79-26028

COB, R. B.
Standard avionic module study
[AD-A061240] p0233 79-16846

COB, M. K.
New airborne display concepts
p0279 79-27672

COB, R.
Time marching finite area method
p0304 79-18990

COB, R. G.
The 214 fiberglass blade - Design for inspecatability
[AMS 78-37] p0123 79-18163

COB, W. D.
Progress on the ENSIP approach to improved structural integrity in gas turbine engines - An overview

COB, E. A.
Evaluation of the cyclic behavior of aircraft turbine disk alloys
[NASA CR-159409] p0037 79-10058

COB, R. E.
Investigation of the use of ceramic material in aircraft engine bearings
[AD-A070621] p0176 79-33214

COB, L. E.
Potential uses of rapidly solidified alloys in gas turbine engines
p0275 79-27313

The application of rapid solidification rate superalloys to radial wafer turbine blades
[AFRA PAPER 79-1226] p0469 79-38991

COB, C. B.
Helicopter noise standards - Another point of view: A national approach to rotocraft noise regulation
p0135 79-18687

Helicopter noise rules - Are they appropriate and reasonable
p036 79-49478

Helicopter internal noise control: Three case histories
p0041 79-10858

COB, P. D.
Integration of GPS with inertial navigation systems
p0064 79-14194

Functional requirements of the interface between the NAVSTAR GPS receiver model X and the advanced inertial reference sphere, volume 2
[AD-A057656] p0090 79-12058

Feasibility study of GPS-inertial navigation for helicopters and study of advanced GPS signal processing techniques, volume 3
[AD-A057659] p0090 79-12059

COB, L.
Reliability improvement warranty terms and conditions for the Integrated Avionics Control Systems (IACS)
[AD-A066954] p0670 79-31205

COB, E. M.
The HLS approach and landing system
p0151 79-20050

Siting criteria for MLS stations. II
p0261 79-20184

COB, J. J.
NASA gear research and its probable effect on rotocraft transmission design
[PB-294841/2] p0662 79-30490

CRAB, D.
The influence of geometric asymmetry on the flow downstream of a row of jets discharging normally into a free stream
p0248 79-25065

CRAB, B.
Chemical analysis of structural adhesives and resins for composites
p0696 79-54323

CRAPPA, V. J., JR.
Study of aerodynamic technology for VSTOL fighter aircraft
[AMS-CA-152129] p0034 79-10027

CRABB, E. J.
Failure modes and redundancy analysis for the Multifunction Inertial Reference Assembly (MIRA)
[AD-A061449] p0232 79-16834

CRABB, R. M.
The effect of swirl on a ramjet dump combustor
[AIAA 79-7042] p0330 79-29411

CRAB, C. G.
The FAA remote terminal system frequency assignment model
p0250 79-25323

CRABBE, R. L.
A versatile approach to cockpit management
[AMS 78-17] p0120 79-18143

CRABBE, C. W.
Electrical insulation fire characteristics. Volume 2: Toxicity
[PB-294841/2] p0662 79-30490

CRABBE, R. M., III
New technological advances in the development of helicopter turbine powerplants for the 1980's
p0078 79-16322

Modern engine development test techniques
p0134 79-18680

CRABBE, W. J.
A functional evaluation of a thrust carrying cylindrical roller bearing design
[ASME PAPER 78-LUB-28] p0199 79-23241

User's manual for steady state and transient thermal analysis of a shaft-bearing system
[SHARDBURG] [AD-A064150] p0427 79-22523

CRABBE, W. L.
Design and development tests of a four-bladed light helicopter rotor system

B-33
DEPORTERES, D.
Stabilizing electro-optical systems on helicopters
p0562 A79-44460

DEPREIST, C. D.
Global positioning system tactical missile guidance
p0657 A79-30216

DERTSHIRE, E.
CITS - Tomorrow's test system today
p0679 A79-16431

DERIEZ, F.
A second series of exploratory acoustic fatigue
tests using a shaker
[NLR-TR-78002-0] p0242 A79-17270

DERRACKEN, A.
Model study of aircraft disk brakes
p0665 A79-38816

DEROSSE, G.
Air Force Space Laser Communications
p0213 A79-24236

DEROCHIE, C.
Design and operation of sperviel reconnaissance RPV
p0219 A79-15952

DESILVERO, R. B.
Vortex effects for canard-wing configurations at high angles of attack in subsonic flow

DESIVESTRO, B.
A survey of recent high angle of attack; wind
tunnel testing at Bellasat
p0416 A79-22034

DESJARDINS, R. A.
Antiresonant rotor isolation for vibration reduction
[AHS 78-24] p0121 A79-18150

DESJARDINS, R. F.
Crankworthy armored creweat for the UH-60A Black
Hawk
[AHS 79-10] p0627 A79-09062
Crankworthy helicopter seats and occupant
restraint systems
p0312 A79-19658

DEXEY, W. J.
A summary of NASA/Air Force Full Scale Engine
Research programs using the F100 engine
[ANL PAPERS 79-1308] p0509 A79-60488
A summary of NASA/Air Force full scale engine
research programs using the F100 engine
[NASA-TE-79167] p0653 A79-30198

DESENE, D.
Three years use of Mercury - Technical balance sheet
p0116 A79-17771

DESTUYNDER, E.
Recent progress in active controls applied to
flutter suppressors
p0369 A79-32277
Flutter suppressor for transonic flight
p0376 A79-20983
Structural aspects of active controls
p0658 A79-30221

DETERMANN, D.
Determination of the dynamic derivatives of
lengthwise and side movement with the mobile
oscillating derivative balance and systematic
studies of the influence of several parameters
on the results
[DGKA PAPERS 78-115] p0661 A79-19073
Wind tunnel measurements of dynamic derivatives in
the German Federal Republic
[IFP-5-78] p0548 A79-27107

DETSCH, R. H.
Recent advances in fire resistant materials in
aircraft construction
p0530 A79-43269

DDEVREIX, W. D.
Pressure and heat-transfer distributions in a
simulated wing-eleven-cove with variable leakage
at a free-stream Mach number of 6.9
[NASA-TR-79095] p0257 A79-18284

DEVILLE, H., JR.
Propulsion system considerations for the subsonic
V/STOL
[ANL PAPERS 78-GT-57] p0358 A79-32934

DEVINE, J.
Ultrasonic welding /solid state bonding/ of
aircraft structure - Fact or fancy
p0015 A79-10921
Ultrasonic bonding arrives - 75% cost savings seen
p0040 A79-33286

DDEVINE, P. J.
ATA/FAST simulation tests with site-adaptation
logic
[FAA-RA-78-62] p0237 A79-16679

DEVER, R.
Systems integration analysis for future tower cab
configurations/systems
[AD-809006] p0161 A79-14066

DEVERG, J.
Minimalization of induced drag subject to
constraint conditions
[NASA-CE-3150] p0482 A79-23923

DEVORADA, E. R.
Subsonic wind-tunnel investigation of leading-edge
devices on delta wings (data report)
[NASA-CE-159120] p0663 A79-31143

DIAMOND, F. L.
New devices for digital communications in avionics
p0675 A79-31481

DIATLOW, E. R.
Study of the nonuniformity of the temperature
field of a homogeneous combustion chamber as the
parameters of the primary zone vary
p0525 A79-42549

DEYLIN, J. A.
Energy conservation in general aviation and
operation and maintenance of Avco Lycoming
general aviation airplane
p0024 A79-12381

DICABLO, D. J.
Spin flight research summary
[SAE PAPERS 790575] p0652 A79-36706
Exploratory study of the influence of wing
leading-edge modifications on the spin
characteristics of a low-wing single-engine
general aviation airplane
[ATAA PAPERS 79-1837] p0608 A79-47506

DECKER, W.
Rotary balance data for a single-engine trainer
design for an angle-of-attack range of 8 deg to
90 deg
[NASA-CE-3099] p0665 A79-31152

DICKERSON, J. W.
Testing of avionics display systems
p0023 A79-12309

DICKSON, R. E.
Feasibility study of mini-RPV for attack
p0219 A79-15953
Radar track data correlation or reachable sets
revisited: The reachable state
[AD-4065045] p0483 A79-23318

DIEDRICH, J. H.
A approach to optimum subsonic inlet design
[AGSE PAPERS 79-GT-51] p0381 A79-30527
An approach to optimum subsonic inlet design

DIERHANN, W. L.
Engine design test 1, Hughes YH-64, advanced
attack helicopter
[AD-4063559] p0820 A79-22077

DIEGEL, G.
A European view on gas turbine engine monitoring
of present and future civil aircraft
[ATAA PAPERS 79-1200] p0469 A79-38982

DIEGEBERGH, R.
Front formation on an airfoil: A mathematical
model 1

DIEHLFELT, D. L.
Digital Avionics Information System (DAIS):
Training requirements analysis model (TRAMOD),
volume 3
[AD-406874] p0716 A79-33202

DIMITRICH, D. A.
Total pressure recovery of flared fan nozzles used
as inlets
p0211 A79-24178

DINZ, W. E., JR.
A vortex lattice technique for computing
ventilated wind tunnel wall interference
[AD-4070445] p0707 A79-32220

DIEFBOURNE, J. R.
Comments on a proposed standard wind hazard
environment and its use in real-time aircraft
simulations
[ATAA PAPERS 79-0324] p0023 A79-10921
Verification and validation of the NASA Terminal
Configured Vehicle's /TCV/ Wind Analysis program
using real-time digital simulation
p0040 A79-33286

D-39
<table>
<thead>
<tr>
<th>Personal Author Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dill, R. D.</td>
</tr>
<tr>
<td>Dill, R. D.</td>
</tr>
<tr>
<td>Dinardo, B. J.</td>
</tr>
<tr>
<td>A study of the effects of aircraft dynamic characteristics on structural loads criteria</td>
</tr>
<tr>
<td>Dinardo, C.</td>
</tr>
<tr>
<td>Ding, G. K.</td>
</tr>
<tr>
<td>Dine, D.</td>
</tr>
<tr>
<td>Prediction of aeroelastic instabilities in rotorcraft</td>
</tr>
<tr>
<td>Dinkeloo, C. J.</td>
</tr>
<tr>
<td>[AD-4059689]</td>
</tr>
<tr>
<td>Dinkovszky, U. P.</td>
</tr>
<tr>
<td>Disney, T. E.</td>
</tr>
<tr>
<td>Dittmar, P.</td>
</tr>
<tr>
<td>[NASA-CR-158965]</td>
</tr>
<tr>
<td>Dittmar, J. E.</td>
</tr>
<tr>
<td>Tone noise of three supersonic helical tip speed propellers in a wind tunnel</td>
</tr>
<tr>
<td>Dittmar, K. P.</td>
</tr>
<tr>
<td>Dix, R. E.</td>
</tr>
<tr>
<td>In-flight measurements of captive loads on a store as compared with wind tunnel and mathematical simulations</td>
</tr>
<tr>
<td>Dixon, C. J.</td>
</tr>
<tr>
<td>Development of a viscous vortex/wing interaction program for thick wings with bounded leading edge</td>
</tr>
<tr>
<td>Dixon, P. G. C.</td>
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<td>Dixon, S. L.</td>
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<tr>
<td>Diteeva, V. E.</td>
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<tr>
<td>Dolek, P. E.</td>
</tr>
<tr>
<td>Noise and vibration problems: Outline notes</td>
</tr>
<tr>
<td>Dobbs, S. K.</td>
</tr>
<tr>
<td>Dobbs, P. L.</td>
</tr>
<tr>
<td>Dobos-Bebo, S.</td>
</tr>
<tr>
<td>Validation of MIL-F-9490D: General specification for flight control systems for piloted military aircraft. Volume 2: TP-17 lightweight fighter validation</td>
</tr>
<tr>
<td>Dobosik, W.</td>
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<td>Dobosik, W. M.</td>
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<td>Dobbie, S.</td>
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<td>Doss, W. J.</td>
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<td>Donders, P. O.</td>
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<td>Dough, F. E.</td>
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<td>Dossom, B. N.</td>
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<td>Doreffel, G.</td>
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<td>Doleman, R. T.</td>
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<td>Dolellis, G. W.</td>
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<td>Dollyoh, J. B.</td>
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<tr>
<td>Experimental aerodynamic characteristics at Mach numbers from 0.60 to 2.70 of two supersonic cruise fighter configurations</td>
</tr>
<tr>
<td>Dobsiews, R. E.</td>
</tr>
<tr>
<td>Dovbic, R. J.</td>
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<tr>
<td>Doughn, B. J.</td>
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<tr>
<td>Dobsalke, L. P.</td>
</tr>
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<td>Doss, T. C.</td>
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<td>Dostia, P.</td>
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<td>Dossi, G.</td>
</tr>
<tr>
<td>Dorn, R. L.</td>
</tr>
</tbody>
</table>
EBERLE, B. E.

Aircraft wake vortex characteristics from data measured at John F. Kennedy International Airport

[AD-A055059]
p0158 N79-14026

EBERLE, G. C.

Escape system trajectory sensitivity analysis

[AD-A062429]
p0362 N79-20092

EBERS, R. S.

Ship motion effects on landing impact loads

[AIAA 79-0742]
p0220 A79-295014

EBERT, V.

Inertial measuring unit for strapdown application

[p0688 A79-14663

EBERS, R. E.

Design and testing of a redundant skewed inertial sensor complex for integrated navigation and flight control

[p0655 N79-32020

ECKARD, G. J.

Airplane responsive engine selection (ARES). Volume 1: ARES user guide

[AD-A057912]
p0694 N79-12090

ECKELS, R. E.

High energy NDE fuels development progress

[AD-A060156]
p0368 N79-14239

ECKELST, B. N.

A study of the Sheriff's wing

[10-215]
p0833 N79-23072

ECKER, R. E.

Heat transfer problems in advanced gas turbines for naval applications

[AD-A062866]
p0365 N79-20121

ECKERT, K. D.

DAS for TMA navigation

[DGLR PAPER 78-137]
p0662 A79-14087

The economic superiority of integrated navigation systems, represented for MILES

[p1116 N79-17687

ECKLUND, R.

Application oriented simulation as a tool for the planning of radio beacon systems

[DGLR PAPER 79-042]
p0519 A79-42368

Eddle, B.

Development of an aircraft composite propeller

[SAP PAPER 790579]
p0453 A79-36714

Eddo, B.

An electric control for an electrohydraulic active control aircraft landing gear

[AD-A063237]
p0664 A79-23948

EDWARDS, A. C.

Damage tolerant design of the YAR-64 drive system

[AERONAUTICS PAPER 78-06]
p0223 A79-14169

EDWARDS, B. D.

Helicopter internal noise control: Three case histories

[p0601 A79-10588

Engine/airframe/drive train dynamic interface documentation

[p0382 A79-21047

EDWARDS, B.

Flight deck alarm systems

[p0252 A79-25541

EDWARDS, G.

Mathematical models of aircraft dynamics for extreme flight conditions (theory and experiment

[p0179 N79-15087

EDWARDS, J. W.

Applications of Laplace transform methods to airfoil motion and stability calculations

[AD-A065118]
p0324 A79-29050

EDWARDS, J. R., Jr.

Analysis of visual detection performance: Fall 1978 experiment

[AD-A065118]
p0932 A79-23061

EDWARDS, O. R.

Northrop T-79 shark nose development

[NASA CR-150036]
p0035 A79-10047

EDWARDS, T. E.

Some results from the use of a control augmentation system to study the developed spin of a light plane

[AIAA PAPER 79-1790]
p0665 A79-47879

EDWARDS, W. L.

Crash-resistant fuel systems for general aviation aircraft

[SAP PAPER 790592]
p0455 A79-36726

EFRAI, I.

An off design shock capturing finite difference approach for caret wavecider configurations

[AD-A068819]
p0581 N79-28156

EFRON, I. L.

Nonsteady flow of an incompressible liquid over slender permeable profiles

[p273 A79-27062

EGGLESTON, B.

Development of modern airfoil sections for high subsonic cruise speeds

[AIAA 79-5667]
p275 A79-27353

EGGROV, R. R.

Choice of a fuselage for a passenger aircraft

[p0228 A79-12968

Selecting the passenger airplane fuselage

[p0601 A79-47014

ELBERS, F. R.

A procedure for analyzing transonic flow over harmonically oscillating airfoils

[p0352 N79-20003

ELDER, D. C.

Internal mixer investigation for JT8D engine jet noise reduction. Volume 1: Results

[AD-A057309]
p0377 N79-10059

Internal mixer investigation for JT8D engine jet noise reduction. Volume 2: Appendices B, C, and D

[AD-A057310/5]
p0308 N79-10065

ELIS, J. E.

General aviation IFB operational problems

[p0849 A79-22068

ELKABAN, P. B., JR.

Three-dimensional coordinates about wings

[AIAA 79-1461]
p0565 A79-45265

ELKABAN, R., JR.

A hybrid technique for combining the moment method treatment of wire antennas with the GTD for curved surfaces

[p1018 A79-13241

ELKIND, T. I.

Pool fire radiation through a door in a simulated aircraft fuselage

[AIAA-RA-78-38]
p0295 A79-17966

ELSTED, R. E.

LB, pressurized, vaporized combustor conceptual design study

[p0497 A79-25014

EL-ATTAR, R. A.

Asymmetric distortion generation in a variable height annulus

[AIAA 79-7002]
p0327 A79-29376

A general solution for distorted flows in cascades of aerofolins

[ASEE PAPER 79-01-65]
p0391 A79-32353

EL-PARR, R. N.

Experimental investigation of the effect of surface discontinuity on step-backward flow

[p0273 A79-27000

A wind-tunnel investigation into the effect of errors in blade setting on the starting performance of a compressor cascade

[AIAA 79-7031]
p0330 A79-29803

ELDER, J. L.

The application of system dynamics to a managerial model of aeronautical systems division

[p0169 N79-14919

ELDER, R. E.

Preliminary studies using photon correlation velocimetry in turbomachinery and combustion systems

[p0405 A79-34314

ELDISH, C. E.

Summary report of the Turbulence Committee

[p0243 A79-17624

ELDRIDGE, D.

Cockpit displays for advanced navigation - Circa 2000

[p0277 A79-16774

An evaluation of turn anticipation techniques and offset flying procedures using a single-waypoint RMR system

[AD-A066555]
p0493 A79-24974

Simulation study of the operational characteristics of a two/three-dimensional multiwaypoint area navigation (MWAN) system

[AD-A073204]
p0714 A79-33183

ELDRIDGE, D. S.

A system which uses a laser beam to control the regime of vibration tests with turbine and compressor blades

[p0316 A79-28638

PERSONAL AUTHOR INDEX

[AIAA 79-0742]

Design and testing of a redundant skewed inertial measuring unit for strapdown application

[p0220 A79-295014

Escape system trajectory sensitivity analysis

[p0362 N79-20092

Ship motion effects on landing impact loads

[AIAA 79-0742]

Inertial measuring unit for strapdown application

[p0688 A79-14663

Design and testing of a redundant skewed inertial sensor complex for integrated navigation and flight control

[p0655 N79-32020

Airplane responsive engine selection (ARES). Volume 1: ARES user guide

[AD-A057912]

High energy NDE fuels development progress

[AD-A060156]

A study of the Sheriff's wing

[10-215]

Heat transfer problems in advanced gas turbines for naval applications

[AD-A062866]

The economic superiority of integrated navigation systems, represented for MILES

[p1116 N79-17687

Application oriented simulation as a tool for the planning of radio beacon systems

[DGLR PAPER 79-042]

Development of an aircraft composite propeller

[SAP PAPER 790579]

An electric control for an electrohydraulic active control aircraft landing gear

[AD-A063237]

Damage tolerant design of the YAR-64 drive system

[AERONAUTICS PAPER 78-06]

Helicopter internal noise control: Three case histories

[p0601 A79-10588

Engine/airframe/drive train dynamic interface documentation

[p0382 A79-21047

Flight deck alarm systems

[p0252 A79-25541

Mathematical models of aircraft dynamics for extreme flight conditions (theory and experiment

[p0179 N79-15087

Applications of Laplace transform methods to airfoil motion and stability calculations

[AD-A065118]

Analysis of visual detection performance: Fall 1978 experiment

[AD-A065118]

Northrop T-79 shark nose development

[NASA CR-150036]

Some results from the use of a control augmentation system to study the developed spin of a light plane

[AIAA PAPER 79-1790]

Crash-resistant fuel systems for general aviation aircraft

[SAP PAPER 790592]

An off design shock capturing finite difference approach for caret wavecider configurations

[AD-A068819]
<table>
<thead>
<tr>
<th>Personal Author Index</th>
<th>ERICKSON, G. E.</th>
<th>ERICKSON, G. E.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXPERIMENTAL INVESTIGATION OF THE ENDURANCE OF AIRPLANE FIN SECTIONS IN ACoustIC LOADING</td>
<td>p0016 A79-11481</td>
<td>EXPERIMENTAL STUDY OF THE GASDYNAMIC CHARACTERISTICS OF A NOZZLE GUIDE VANE ROW WITH AIR EJECTION ONTO THE VANE SURFACE</td>
</tr>
<tr>
<td>DEVELOPMENT OF MODERN AIRFOIL SECTIONS FOR HIGH SUBSONIC CRUISE SPEEDS</td>
<td>p0082 A79-16787</td>
<td>EXPERIMENTAL STUDY OF THE GASDYNAMIC CHARACTERISTICS OF A STATOR CASCADE WITH COOLING AIR DISCHARGE THROUGH THE VANE SURFACE</td>
</tr>
<tr>
<td>Indirect Measurement of Turbulent Skin Friction</td>
<td>p0016 A79-48098</td>
<td>AERIAL REFUELING VISUAL SIMULATION-ENGINEERING</td>
</tr>
</tbody>
</table>
**Personal Author Index**

Influence of bypass ratio change on fan aerodynamic characteristics p0280 A79-27748

ERWOLL, K., S.  
Future tactical fighter requirements - A propulsion technology update  
[AIAA PAPER 79-CT-06] p0340 A79-30523

ERWIN, R. L., JR.  
'Strategic' time-based ATC p0026 A79-12473

ERYHBERG, H.  
Fuel-conservative guidance system for powered lift aircraft  
[AIAA 79-1709] p0570 A79-45363

ESKER, D. N.  
Fuel-conservative guidance system for powered lift aircraft  

ESLER, D.  
Aircraft and avionic related research required to develop an effective high-speed runway exit system  
[NASA-CH-159075] p0556 A79-27185

ESLER, J. D.  
Research on self-correcting wind tunnels p0351 A79-19992

ESLER, J. D.  
Three basics of design for civil certification p0662 A79-53629

ESLER, J. D.  
Performance of graphite epoxy as an antenna ground plane  
[AD-A058346] p0108 A79-13247

ESLER, L. L.  
Investigation of flexible nozzle wall-flutter incidents in the NASA Ames Research Center eleven-by eleven foot transonic wind tunnel  
[AIAA 79-0797] p0323 A79-29040

ETTINGER, B. C.  
Flap system control for modified rudder  
[FL-0254] p0564 A79-45067

ETTINGER, B. C.  
Experimental methods for aircraft design qualifications in an exploratory warhead environment  
[AD-A705761] p0706 A79-32203

ETTINGER, B. C.  
Multiplex system for the Hughes advanced attack helicopter - TAB-64  
[ANS 78-14] p0120 A79-18140

ESSLER, J. A.  
Quasi-natural numerical methods for the computation of inviscid potential or rotational transonic flows p0259 A79-26487

ESSLINGER, P.  
Materials problems in gas turbine engine technology, Colloquium, Munich, West Germany, October 27, 28, 1977, Report p0509 A79-40676

ETTINGER, B. C.  
Development of materials and processes for engine components - Current and future points of interest p0509 A79-40680

ETTINGER, B. C.  
Design-to-cost and Aerospacel's Aircraft Division  
[NASA CR-125156] p0418 A79-22062

ETTINGER, B. C.  
Testing the feasibility of Differential Omega as airborne use  
[AD-A05329] p0160 A79-14059

ETTINGER, K. J.  
The use of panel methods with a view to problems in aircraft dynamics  
[NELRP-77009-0] p0216 A79-15088

ETTINGER, K. J.  
Highly survivable truss type tail booms  
[AD-A056380] p0036 A79-10052

ETTINGER, K. J.  
Highly survivable truss type tail booms  
[AD-A064181] p0420 A79-22079

ETTINGER, K. J.  
Engineering studies of aircraft hydraulic drives p0185 A79-20671

ETTINGER, K. J.  
Direction finders in the service of safety for air and sea traffic p0117 A79-17692

ETTINGER, K. J.  
Navstar/GPS /Global Positioning System/ and electronic counter measures p0251 A79-25492

ETTINGER, K. J.  
Low-frequency augmentor instability investigation computer program user's manual  
[AD-A065774] p0436 A79-23093

ETTINGER, K. J.  
Measuring the moment imparted by a liquid pump in startup regime p0525 A79-42550

ETTINGER, Y. I.  
Preparation of double-curvature planking by rolling p0686 A79-52130

ETTINGER, Y. I.  
Axial compressor operation with radially nonuniform inflow p0280 A79-27743
FLARES, E. L.
High strength stitching for aircraft personnel restraint systems

FASHELLA, E. L.
NASA general aviation crashworthiness seat development

FASCECHI, W. A.
C76 jet engine performance improvement program. Task 1: Feasibility analysis

FASING, W. A.
C76 jet engine performance improvement program. Short core exhaust nozzle performance improvement concept

FASSBENDER, E.
Nondestructive testing of adhesive bonded structures

FASSO, G.
Icing testing in the large Nodane wind tunnel on a smooth approximation method and its application to the mathematical description of the aerodynamic characteristics of a wing

FAVEZ, H.
Density changes and turbulence production in the expansion or compression of a turbulent flow at supersonic speed

FAY, N.
Flight dynamics problems with STOL operation

FEAGIN, B. C.
Analysis of the emissions from storage tanks

FEASO, G.
Computer graphics create the new wave of design

FEASO, A.
Computer graphics create the new wave of design

FEASO, A.
Computer graphics create the new wave of design

FEASO, B.
Computer graphics create the new wave of design

FEASO, B.
Computer graphics create the new wave of design

FEASO, B.
Computer graphics create the new wave of design

FEASO, B.
Computer graphics create the new wave of design

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Computer graphics create the new wave of design

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Computer graphics create the new wave of design

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Computer graphics create the new wave of design

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Computer graphics create the new wave of design

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Computer graphics create the new wave of design

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Computer graphics create the new wave of design

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Computer graphics create the new wave of design

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Computer graphics create the new wave of design

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Computer graphics create the new wave of design

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Computer graphics create the new wave of design

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Computer graphics create the new wave of design

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Computer graphics create the new wave of design

FEASO, B.
Computer graphics create the new wave of design

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Computer graphics create the new wave of design

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Computer graphics create the new wave of design

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Computer graphics create the new wave of design

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Computer graphics create the new wave of design

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Computer graphics create the new wave of design

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Computer graphics create the new wave of design

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Computer graphics create the new wave of design

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Computer graphics create the new wave of design

FEASO, B.
Computer graphics create the new wave of design

FEASO, B.
Computer graphics create the new wave of design

FEASO, B.
Computer graphics create the new wave of design

FEASO, B.
Computer graphics create the new wave of design

FEASO, B.
Computer graphics create the new wave of design

FEASO, B.
Considerations regarding velocity distribution and measurements in an axisymmetric turbulent boundary layer with weak and strong three-dimensional disturbances

Evaluation of the pulsed acoustic Doppler with comparisons of turbine engine combustor exhaust optical in situ versus probe measurements of advanced flight control actuation system

Release-rate calorimetry of multilayered materials for aircraft seats

Experimental investigation of the buckling characteristics of a beaded skin panel for a hypersonic aircraft - Including comparisons with finite element and classical analyses

Reliability growth planning to achieve BIW/GMTBF requirements for an airborne radar

Convective heat exchange of gas-particle stream in flow passage of throttling device with vane-type turning element

Fire resistant aircraft seat program

Flash-fire propensity and heat-release rate studies of improved fire resistant materials

Elaboration of friction induced thermal cracks in landing gear components

Strike-induced separation from the leading edges of wings of moderate sweep

Elevated-temperature effects on strain gages on the 17-128 wing

Experiential investigation of the buckling characteristics of a beaded skin panel for a hypersonic aircraft - Including comparisons with finite element and classical analyses

Reliability growth planning to achieve RIM/GMTBF requirements for an airborne radar

Omege navigation system


Flight control safety - a total systems approach

Convective heat exchange of gas-particle stream in flow passage of throttling device with vane-type turning element

Distribution of the intermittency factor along the transition region between laminar and turbulent boundary layers

Noise from struts and splitters in turbofan exit ducts

Fire resistant aircraft seat program

Lean, precompressed, pre-vaporized fuel combustor conceptual design study

Optimization of jet distribution along the blade for VTOL jet propelled rotor

Wide range operation of advanced low NOx aircraft gas turbine combustors

Test and evaluation of modified high performance jet aircrew life preserver

Aeronautical information data subsystems /AIDS/

Electric charging of helicopters

Initial flight test of a Loran-C receiver/data collection system

Loran-C time difference calculations

Preliminary study of optimum ductburning turbofan engine cycle design parameters for supersonic cruising

Computerized systems analysis and optimization of aircraft engine performance, weight, and life cycle costs
FLINT, B. B.
FLEMING, P. J.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
FLORIO, G.
FLORA, J. H.
FLYCHNEB, B.
FLANEELLY, N. C.
Frost, R. A.
Stable boundary layer wing shear model for aircraft flight hazard definition
[AD-A0684874] p0276 A79-27575

Furue, J. T.
Digital avionics Information System (DAIS): Requirements analysis model (TRAMOD), volume 1
[AD-A0668494] p0716 A79-33202

Fry, L. A.
Fiberglass flight controls
[AD-A0695589] p0695 A79-53892

Fry, P. F.
Impact of soft bodies on jet engine fan blades
[AD-A0581949] p0695 A79-12091

Fuchs, W. C.
NTCA standards - Improved specs. and regulations
[AD-A069712] p0665 A79-30196

Fuchs, T. D.
Texas Instruments Phase I GPS user equipment
[AD-A0684874] p0276 A79-27575

Fucini, C. A.
The utilization of data relating to fin geometry and manufacturing processes of ceramic matrix systems to the design of ceramic heat exchangers
[AD-A0668494] p0716 A79-12024

Fudge, K. A.
Flight control safety - A total systems approach
[AD-A071537] p0672 A79-15371

Fukunishi, L.
The airport performance model. Volume 1: Extensions, validations, and applications
[AD-A0668263] p0500 A79-25040

Fukuzawa, E.
Noise generation by jet-engine exhaust deflection
[ASME PAPER 79-07-21] p0854 A79-30192

Fujii, S.
Acoustics and performance of high-speed, unequally spaced fan rotors

Fujikawa, M.
Rotor blade stability in turbulent flows. I
[AD-A0678118] p0462 A79-38118

Fujikawa, K.
Rotor blade stability in turbulent flows. II
[AD-A0678118] p0513 A79-41751

Effect of atmospheric turbulence on the stability of a lifting rotor blade
[AD-A0678118] p0584 A79-28183

Fujita, K.
Tokyo's new Narita airport - An illusion
[AD-A071537] p0342 A79-30392

Fujita, T. T.
An odd-directional, tilt insensitive, wind speed threshold detector
[AD-A0678118] p0462 A79-27195

Fujishima, O.
Inside noise of C-1 cargo aircraft and the noise reduction performance by interior materials
[AD-A0678118] p0274 A79-27121

Furuhata, M. T.
Bolted field repair of composite structures
[AD-A0678118] p0855 A79-28238

Fulkerson, J. L.
Aerodynamic data for three supercritical airfoils: RAE(NFL) 9515 and 9530, and RAE 9550. Parts 1 and 2
[ARC-R/M-3820] p0703 A79-32170

Furuta, L. C.
Influence of jet fuel on performance and flammability characteristics of graphite epoxy composites
[AD-A0658566] p0585 A79-28245

Furuta, L. P.
Federal Energy Data System (FEDS) technical documentation
[AD-A0695589] p0050 A79-11542

Furusho, O.
Observation of atmospheric interactions at aeroplane altitude
[AD-A0695589] p0616 A79-37573

Fukunaga, R.
An analysis of an unsteady aerodynamic force on a blade due to ununiform amplitude gusts
[AD-A0695589] p0695 A79-39059

Fung, K. Y.
A new method for designing shock-free transonic configurations
[AD-A0695589] p0665 A79-14997

Fuscher, T. D.
Digital Avionics Information System (DAIS): Requirements analysis model (TRAMOD), volume 1
[AD-A0668494] p0716 A79-33202

Future, J. T.
Fiberglass flight controls
[AD-A0695589] p0695 A79-53892
GALLOWAY, R. T.

- Flight testing and simulant flight fidelity

- Effect of variances and manufacturing tolerances
  on transonic airfoil codes [NASA-CR-158439]

- Onboard upstream effects in axial-flow supersonic
  compressor stages [ASME PAPER 79-GT-55]

- Combined-excitation ac generators for aviation
  [NASA-CR-158439]

- Energy efficient engine flight propulsion system
  preliminary analysis and design report [NASA-CH-159087]

GARABEDIAN, P. B.

- Summary report of the Visibility Committee
  [SAE PAPER 790598]

- The Lockheed C-5: Case study in aircraft design
  [NASA-CH-159087]

- Evaluation of new bonding systems for depot-level
  maintenance of aircraft honeycomb panels
  [NASA-CH-159087]

- Temperature and humidity conditions in the
  helicopter compartment [NASA-CH-159087]

- Airplane dynamic wheel loads during ground
  maneuvering [NASA-TM-75501]

- Combined-excitation ac generators for aviation
  [NASA-CR-158439]

- Energy efficient engine flight propulsion system
  preliminary analysis and design report

GARBELETS, N. E.

- Evaluation of new bonding systems for depot-level
  maintenance of aircraft honeycomb panels
  [NASA-CH-159087]

- Effects of extended outboard nacelles on the
  aerodynamics of supersonic civil transports
  [NASA-CH-159087]

GARDNER, B. E.

- Energy efficient engine flight propulsion system
  preliminary analysis and design report [NASA-CH-159087]

- Energy efficient engine flight propulsion system
  preliminary analysis and design report

GARNER, J.

- The aerodynamic and thermodynamic characteristics
  of small scale and small scale fan engines
  [NASA-CH-159087]

- The Lockheed C-5: Case study in aircraft design
  [NASA-CH-159087]

- Evaluation of new bonding systems for depot-level
  maintenance of aircraft honeycomb panels
  [NASA-CH-159087]

- Energy efficient engine flight propulsion system
  preliminary analysis and design report [NASA-CH-159087]
PERSONAL AUTHOR INDEX

GOPLAKRISHNAN, S., Sample calculation 4: $\phi = 9\, \text{deg}\, 57$ p0427 W79-22490

GOPLAKRISHNAN, S., Error analysis of a satellite interferometer navigation system p0410 A79-3597

GOPLAKRISHNAN, S., Satellite interferometer as an advanced navigation/communication system p0074 A79-39602

GORDEY, R., Design of advanced titanium structures [AIAA PAPER 79-1805] p0606 A79-47900

GORDEY, R., Rescue helicopters in primary and secondary missions p0310 W79-19606

GOLIN, G. I., Composites tooling speeds fabrication - energy, labor cost cut sharply p0400 A79-33597

GOLIN, G. I., Erosion resistant clad rotor blades - beside coatings do the job p0400 A79-33590

GOHDETSKII, S. S., Designing the capacity of paired sprayed turbine blades in relation to shock contact conditions p0398 A79-32827

GOHDETSKII, V. G., The tendency of jet fuels to form deposits on a heated surface p0623 A79-48856

GORDON, B. R., Calculation of wings of variable sweep p0398 A79-32047

GORDON, B. R., Structural analysis of variable-sweep wings p0466 A79-56051


GORELL, W. T., Performance of two-stage fan with a first-stage rotor redesigned to account for the presence of a part-span damper [NASA-TP-1843] p0654 A79-30191

GOTT, B., Graphical NC systems as a basis for progress towards the integration of design, planning and machining p0374 W79-20761

GOISSER, R. M., JR., Advanced weapon carriage concepts through integrated design [AIAA PAPER 79-0092] p0201 A79-23534

GOLEB, B. R., Electromagnetic compatibility (EMC) investigation on CH147 Chinook helicopter [REP-5.130-4479-02] p0582 W79-28169

GOVIL, A. K., Optimal design of wing structures with substructuring p0654 A79-53773

GOVIL, A. K., Substructuring methods for design sensitivity analysis and structural optimization [AD-A065935] p0464 A79-23949

GOVIL, A. K., Fail-safe optimal design of structures with substructuring [AD-A065936] p0464 A79-23950

GOVIND, P. K., Microprocessor control of aircraft systems p0193 A79-21965

GOVINDHAN, K. S., Design criteria for optimal flight control systems [AIAA PAPER 79-1782] p0572 A79-85409

GOVINDHAN, K. S., The enhancement of aircraft parameter identification using linear transformations p0611 A79-49761


GOVINDHAN, K. S., TP-17/ADEN system study [NASA-TP-1483] p0549 W79-27126

GOVINDHAN, K. S., Measurements in three-dimensional turbulent boundary layer on a yawed flat plate induced by leading edge vortex p0052 A79-13150

GRAY, W., Icing tests of a small gas turbine with inertial separation anti-icing system p0032 W79-10015

GRAY, W., Rotor prediction with different downwash models p0129 A79-16642

GRAY, W., Control considerations for CCF fighters at high angles of attack p0461 A79-37295

GRAHAM, A. D., Reliability analysis for optimum design p0691 A79-35707

GRAHAM, C. G., Shock boundary layer interaction on high turning transonic turbine cascades [ASME PAPER 79-GT-37] p0390 A79-32242

GRABER, D. A., Naval architectural considerations in the design of a helicopter [AIAA 79-2013] p0692 A79-53622

GRABB, J. M., JR., Aircraft and avionics related research required to develop an effective high-speed runway exit system [NASS-CH-150075] p0556 W79-27185

GRABERT, D. B., Performance of graphite epoxy as an antenna ground plane [AD-1058346] p0108 W79-13247

GRADSHAR, R. W., Composite materials study [AD-1050898] p0106 W79-13083

GRAY, D. P., Turbulence characteristics of compressor discharge flows p0496 W79-24995

GRAY, D. P., The prediction of supercritical pressure distributions on blade tips of arbitrary shape over a range of advancing blade azimuth angles p0128 A79-18639

GRAY, D. P., An investigation of the influence of fuselage flow field on rotor loads, and the effects of vehicle configuration p0129 A79-18644

GRAY, R. L., Ultrasonic method of gun gas detection p0642 A79-50166

GRASSE, C. L., JTIDS modular design to use SAW devices p0064 A79-14287

GRASSO, A., Some theoretical and experimental investigations of stresses and vibrations in a radial flow rotor p0553 W79-27158

GRAUL, A., Holographic lens for pilot's head up display, phase 4 [AD-1058660] p0102 W79-13043


GRAY, D. R., Effect of nose bluntness and afterbody shape on aerodynamic characteristics of a monoplane simile concept with bodies of circular and elliptical cross sections at a Mach number of 2.50 [NASA-TP-80055] p0538 W79-26203

GRAY, H. A., JR., Comparative study of the conversion rates of two numerical techniques p0060 A79-13989


### PERSONAL AUTHOR INDEX

**GRAY, R. B.**
- An iterative lifting surface method for thick bladed hovering helicopter rotors  
  [AIAA PAPER 79-1517]  
  p0576 A79-46705

**GRAY, E.**
- Static evaluation of surface coatings for compliant gas bearings in an oxidizing atmosphere to 650 °C  
  p0347 A79-31957

**GRAYSON, R. A.**
- Research on visual display integration for advanced fighter aircraft  
  [AD-A066905]  
  p0653 A79-30184

**GRAZIANI, D.**
- Nondestructive inspection of aircraft structures and materials via acoustic emission  
  p0015 A79-10991

**GRAZIANI, B. A.**
- The application of composites to secondary structures  
  [AHS 78-55]  
  p0125 A79-18177

**GREEK, D. C.**
- Nondestructive evaluation of aircraft structures  
  p0668 A79-31-1193

**GREEN, D. L.**
- The application of composites to secondary structures  
  p0056 A79-12100

**GREEN, C. S.**
- Literature review: elastic constants for airport pavement materials  
  [AD-A067195]  
  p0577 A79-15178

**GREEN, J. L.**
- Material properties for aircraft installations  
  p0556 A79-12100

**GREENE, B. A.**
- Non-destructive evaluation of aircraft structures  
  p0502 A79-25417

**GREENBERG, M. S.**
- The effects of low-level wind shear on the approach and go-around performance of a landing gear aircraft  
  [AIAA PAPER 79-01628]  
  p0644 A79-30471

**GREEN, W.**
- Manufacturing technology for fiber optic bundles  
  p0513 A79-38476

**GREENWOOD, F.**
- Aircraft installation processes  
  p0096 A79-12100

**GREENWOOD, A. A.**
- Aircraft installation processes  
  p0464 A79-30471

**GREGOIRE, J. B.**
- Nondestructive evaluation of aircraft structures  
  p0015 A79-10991

**GREGOR, C. R.**
- The effects of low-level wind shear on the approach and go-around performance of a landing gear aircraft  
  [AIAA PAPER 79-01628]  
  p0644 A79-30471

**GREGORY, F.**
- The effects of low-level wind shear on the approach and go-around performance of a landing gear aircraft  
  [AIAA PAPER 79-01628]  
  p0644 A79-30471

**GREGORY, O.**
- Aircraft installation processes  
  p04149 A79-36090

**GRENITZER, P. S.**
- Aircraft installation processes  
  p0649 A79-38476

**GRIFFER, P. G.**
- A-7 helical approach of a transport aircraft in an accident environment  
  [AIAA 79-1776]  
  p0572 A79-45404

**GRIFFIT, J.**
  p0635 A79-49376

**GRIFFIN, A. A.**
- Second approximation in theory of a finite-span thin wing in a hypersonic gas flow  
  p0447 A79-35927

**GRIFFITH, D. J.**
- Unsteady hypersonic gas flow past a thin finite-span wing  
  p0513 A79-41567
PERSONAL AUTHOR INDEX

GUERBER, B. P.
On the question of selecting the characteristic quantity governing fuel self-ignition in a stream p0613 A79-48497

GUERTNER, R.
Flight test control by means of a microprocessor. I p0214 A79-24309

GUERRA, R. R.
Definition, description, and interfaces of the FAA's developmental programs. Volume 2: TTC and facilities and interfaces [AD-A066451] p0569 N79-27118

GUSS, H. K.

GUEST, C. J.
Leading-edge slot optimization for maximum airfoil lift [NASA-TP-78566] p0547 N79-27100

GUITH, J. L.
Problems involved in starting and shutdown of gas turbines: Thermodynamic and mechanical aspects p0567 N79-28565

GUILLAUME, E.
Responsibilities of French air traffic control p0343 A79-30933

GUILLIN, G.
Light propeller aircraft noise [ONERA, TP No. 1979-56] p0409 A79-34580

GUT, J. M.
Preliminary airworthiness evaluation EH-18 helicopter quick fix, phase 1A p0100 N79-13027

GUTER, V. A.
TS-2A air tanker evaluation, phase 2 [AD-A069094] p0172 N79-15034

Airworthiness and flight characteristics test, OV-1C takeoff performance [AD-A084827] p0652 N79-30178

Limited airworthiness and flight characteristics evaluation model 2148 helicopter with fiberglass main rotor blades [AD-107172] p0716 N79-33197

GUTK, K. F.
STAR flight control system p0633 A79-53634

GUST, L. B.

GUSKY, V. T.
Behavior of elastic systems in separated flow p0252 A79-25618

GUS, D. K.
Motion and force cueing requirements and techniques for advanced tactical aircraft simulation p0224 N79-15991

GUS, D. K.
Motion and force cueing requirements and techniques for advanced tactical aircraft simulation [AD-A064681] p0438 N79-23102

GUSKOV, M. S.
Parametric method for diagnosing the state of aircraft systems on the basis of limited information p0082 A79-16781

GUSHERKO, B. I.
On calculating the temperature state of film-cooled turbine vanes p0069 A79-14869

Heat transfer over the initial section of turbine blade cooling channels under conditions of rotation p0069 A79-52608

GUNDELING, R. B.
Canopy glint screening investigation [AD-A066093] p0171 N79-15028

GUNNEL, B. C.
Development of a structural design procedure for rigid airport pavements [AD-A069548] p0564 N79-28187

GUNO, T. B.
Overall aerodynamic characteristics of conical and delta wings at supersonic speeds [AD-A066548] p0028 A79-12966

Investigation of the regimes of flow past the upper surfaces of delta wings with shock waves p0610 A79-35110

Overall aerodynamic characteristics of caret and delta wings at supersonic speeds p0601 A79-07012

GUPT, R. K.
Fatigue acceleration in box beams under mechanical and thermal stress (second series) [ARC-J/R-3817] p0226 N79-16311

GUPTA, R. P.
The influence of tilting pad bearing characteristics on the stability of high speed rotor-bearing systems p0075 A79-16012

GUPTA, R. P.
Helicopter obstacle strike tolerance [AHS 79-7] p0626 A79-49059

Helicopter obstacle strike tolerance concepts analysis [AD-A069877] p0652 N79-30179

GUPTA, R. C.
Factors controlling stability of swirling flames at diffusers in gas turbines p0643 A79-50209

GUPTA, R. N.
Parameter and state estimation applicable to aircraft identification problem p0561 A79-43546

GUPTA, R. S.
Aircraft aerodynamic coefficient estimation p0704 A79-14574

Rotocraft system identification techniques for handling qualities and stability and control evaluation [AHS 79-10] p0122 A79-18156

Recent results in parameter identification for high angle-of-attack stall regimes [AIAA Paper 79-1640] p0688 A79-52548

GUPTA, S. K.
Test and evaluation procedures for the GPS user equipment p0063 A79-18192

GUBBAN, A. A.
The determination of parameters of a chemically active magnetogasdynamic medium in the proximity of a wave. II p0316 A79-28721

GUBANOV, A. A.
Comparative study of the aerodynamic characteristics of an air-cushion vehicle using the oncoming flow to generate lift p0028 A79-12945

Surface-effect components of aerodynamic characteristics of air-cushion vehicle with rea pressurization p0601 A79-46995

GURAR, R. S.
The impact of a multi-function programmable control display unit in affecting a reduction of pilot workload p0665 N79-30210

GUHREMBROOK, P.
Flutter analysis of two-dimensional and two-degree-of-freedom airfoils in small-disturbance, unsteady transonic flow [AD-A069223] p0665 N79-3157

GUBBEN, V. G.
Effect of cooling of the central body on startup, separation of the flow at the intake and the throttling characteristics of air scoops at supersonic and hypersonic velocities p0688 A79-52638

GUSBANOV, A. A.
Theoretical and experimental investigation of the aerodynamic characteristics of three-dimensional bodies p0528 A79-43166

GUTMAN, R. N.
Residual-stress formation during the thermal hardening of components in gas-turbine engines p0266 A79-26828

GUTBARK, E.
The plane turbulent impinging jet p0137 A79-16641

GUT, C. E.
VTOL aircraft optimal state-space tracking control p0346 A79-31173

GUT, R. W.
Initial wind tunnel tests at Mach 4 and 7 of a hydrogen-burning, airframe-integrated scramjet [AIAA 79-7005] p0330 A79-29413
GWAHABA, J. J.
The incidence of bird strikes by aeroplanes at Entebbe Airport

GTYEIL, V.
Recent results in navigation systems utilizing signal aiding from Navstar satellites

GWAHABA, J. J.
Forecast of future aviation fuels. Part 1: Scenarios

GTYEIL, V.
Sea behaviour prediction of helicopters through free model tests

HAAS, J. E.
Effect of rotor tip clearance and configuration on overall performance of a 12.77-centimeter tip diameter axial-flow turbine

HAAS, T. J.
Investigation of the crash impact characteristics of composite airframe structures

HABERCON, C. B., JR.
Application of Laser Doppler Anemometry to aeroacoustic research

HABERD, D.
Nondestructive testing of adhesive bonded structures

HABERD, J. F.
Flight evaluation of the 73 integrated controller installed in an OH-58A helicopter

HABERG, C. R.
A bibliography with abstracts on N-encounter

HABERG, S. P.
Excitation and analysis technique for flutter tests

HABERS, A. B.
Computer-aided design aerodynamics

HABERL, W.
First flight imminent for new technology wing

HACKERT, J. M.
Estimation of tunnel blockage from wall pressure signatures: A review and data correlation

HACKERT, M. D.
Multivariable control altitude demonstration on the F100 turbofan engine

HADDOX, R.
SDM lecture - Introduction of new SDM technology into production systems

HADDAD, D. L.
A fundamental criterion for the application of rotor casing treatment

HABBE, J.
Application of Laser Doppler Anemometry to aeroacoustic research

HABERS, R.
Vector processor algorithms for transonic flow calculations

HAFER, T. M.
Recruit developments in finite element analysis for transonic airfoils

HADCOCK, R.
Numerical evaluation of transonic equivalence rule

HAGAN, G. H.
Map-of-the-earth communication program for US Army helicopters

HAGGARTY, J. J.
nultivariable control altitude demonstration on the P100 turbofan engine

HAGGERTY, J. J.
Estimation of tunnel blockage from wall pressure signatures: A review and data correlation

HAGGERTY, J. J.
Multivariable control altitude demonstration on the F100 turbofan engine

HAGGERTY, J. J.
Estimated of tunnel blockage from wall pressure signatures: A review and data correlation

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

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Multivariable control altitude demonstration on the P100 turbofan engine

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Multivariable control altitude demonstration on the P100 turbofan engine

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Multivariable control altitude demonstration on the P100 turbofan engine

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Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine

HAGGARTY, J. J.
Multivariable control altitude demonstration on the P100 turbofan engine
HAIRLINE, R. C.
The evolving air transport avionics
[AI/AA PAPER 79-1084]

HAIR, L. H.
Space shuttle afterbody aerodynamics/plume
simulation data summary
[NASA-TP-1384]
[AD-805510]

HAISIL, D. E.
Internationalization of CRECA
[AD-805891]

HAJN, J. T.
A new approach to rotor blade stall analysis
[AI/AA PAPER 79-19647]

HAFEI, P.
Accuracy of an approximate static structural
analysis technique based on stiffness matrix
eigenvalues
[AI/AA 79-0748]

HAJAR, Y. G.
Aerodynamics and heat transfer of transonic
jet turbine blades at off-design angles of incidence
[AI/AA 79-28263]

HALARANDAEH, A.
Microcomputer applications in strapdown heading
and attitude reference system
[AI/AA 79-48606]

HALO, M. G.
Model diffuser investigation for propulsive wind
tunnel 167
[AD-8050922]

HALFORD, G. B.
The strainrange partitioning behavior of an
advanced gas turbine disk alloy, AP2-1DA
[AI/AA PAPER 79-1192]

HALF, A. B.
Helicopter fatigue evaluation. The UK approach
[AI/AA 79-23076]

HAL, C. L.
Jet-induced aerodynamics of V/STOL aircraft over a
moving deck
[AI/AA PAPER 79-0337]

HAL, G. W.
A piloted simulator investigation of helicopter
precision deaccelerating approaches to hover to
determine single-pilot IFP/STIFP/ requirements
[AI/AA 79-1886]

HALD, J. B.
Rotates versus visual cues in piloted flight
simulation
[AI/AA 79-15990]

HALL, J. W., JR.
Nondestructive evaluation procedure for military
airfields
[AI/AA 79-13067]

HALL, R.
Full-scale aircraft simulation with cryogenic
tunnels and status of the National Transonic
Facility
[AI/AA 79-26064]

HALL, M. W.
Aircraft aerodynamic coefficient estimation
[AI/AA PAPER 79-82-2002]

HALL, M. W., JR.
Rotors system identification techniques for
handling qualities and stability and control
evaluation
[AI/AA PAPER 79-18156]

HALF, P. C.
Optimal control of turbine engines
[AI/AA PAPER 79-19772]

HALWES, A. C.
Advanced gas turbine disk alloy, A2-1DA
[AI/AA 79-14031]

HALPIN, H. H., JR.
Development of a digital guidance and control law
for steep approach automatic landings using
modern control techniques
[AI/AA-CR-374]

HALSTON, R.
Review of engine/airframe/drive train dynamic
interface development problems
[AD-8057932]

HAN, D. R.
Cable response and its alleviation for a hingeless
helicopter rotor in cruising flight
[AI/AA 79-18662]

HAN, J.
Green's function method for the computational
aerodynamic analysis of complex helicopter
configurations
[AI/AA PAPER 79-0347]

HAN, T. J.
A wind-tunnel investigation of tilt-rotor gust
alliation systems
[AI/AA-CR-15226]

HANSE, G. W.
Ceramic mainshaft roller bearing performance in a
gas turbine engine
[AD-8067904]

HANA, R.
A new approach for solving the vorticity and
continuity equations in turbomachinery ducts
[AI/AA PAPER 79-0046]

HANCO, R.
Viscous flow analysis in mixed flow rotors
[AI/AA PAPER 78-86-07-2-3]

HARMON, P.
Military-technology-related flight testing in the
framework of OPFIR/BME cooperation - Status and
perspectives
[AI/AA PAPER 79-01233]

HARNS, P. G.
Dynamic windtunnel simulation of active control
systems
[AI/AA 79-30233]
PERSONAL AUTHOR INDEX

HABER, H. J.

HABER, H. J.
A simplified gross thrust computing technique for an afterburning turbofan engine p0646 A79-50440

HABIL, T.
F-18 Hornet p0115 A79-17650

HABIL, W. T.
Projected aircraft systems development [AIAA PAPER 78-194] p0169 A79-21278

HALBI, D. J.
The impact of low cost micro-processors on airborne navigation systems p0679 A79-51048

HARE, J. D.
Surface current injection techniques - A theoretical investigation p0336 A79-30155

HARE, P.
A model for calculating the radiation field of microstrip antennas p0215 A79-28422

HARBOUR, C. E.
On methods for application of harmonic control p0131 A79-18657

HARPIN, B. J.
Fly-by-wire tail rotor controls p0653 A79-53635

HARRICK, T.
Pre-design of the second generation comprehensive helicopter analysis system [AD-A064269] p0421 A77-22084

HARCOCOK, V. N.
An innovative technique for static and dynamic V/STOL testing [AHS 78-42] p0123 A79-18165

HARDECH, M.
Inertial technology and reliability p0082 A79-16583

HARDE, B. P.
Computational optimization and wind tunnel test of transonic wing designs [AIAA PAPER 79-0080] p0200 A79-23526

HARP, R. S.
A dynamic calibrating apparatus for cross derivative experiments p0074 A79-15665

Experiments on cross-coupling and translational acceleration derivatives p0176 A79-15068

HARRING, R. K.
Flight verification of the advanced flight control actuation system (APCAS) in the T-2C aircraft [AD-A060326] p0175 A79-15059

Lightweight hydraulic system extended endurance test [AD-A062749] p0371 A79-20358

HARRIS, D.
In-flight handling qualities investigation of various longitudinal short term dynamics and direct lift control combinations for flight path tracking using DFWL 1P3 320 variable stability aircraft p0660 A79-39237

HARLOVER, K. J.
Test verification of a turbofan partial swirl afterburner [AIAA PAPER 79-1199] p0469 A79-38981

HARLOW, S.
Advanced Simulator for Pilot Training (ASPT): Aerial refueling visual simulation-engineering [AD-A063283] p0266 A79-22118

HARSH, D. C.

HARSH, E. L.
Possibilities and limits of the application of estimation methods for development costs and equipment unit prices of flight systems in preliminary design, planning, and evaluation tasks [DGRL PAPER 79-052] p0317 A79-42368

HARSH, J. S.
Crashworthiness tests on model aircraft fuselage structures [AIAA 79-0668] p0275 A79-27354

HARSH, E. C.
The role of flight dynamic modeling in helicopter certification p0275 A79-27354
approaches in a powered-lift STOL aircraft (NASA-TM-78527)
Flight experience with advanced controls and displays during piloted curved decelerating approaches in a powered-lift STOL aircraft p0660 N79-30243

HADEN, J. E.
Afterbody tests in the Modane hot gas bench
[AIAA-PAPR 78-10] p0437 N79-23095

HARGRAVE, P. J.
Navstar user equipment for civil and military applications p0638 A79-89587

HARGREAVES, C.
Numerical computation of optimal evasive maneuvers for a realistically modeled airplane pursued by a missile with proportional guidance [AIAA PAPER 79-1268] p0566 N79-85306

HARKER, D. L.
Design and performance of the propulsion system for the quiet short-haul research aircraft Q2RA/
[AIAA PAPER 79-1313] p0510 A79-40760

HARRABIN, W. P.
Development of an aircraft composite propeller [SAE PAPER 790579] p0453 A79-36114

HARRAN, W. H.
Airborne measurements of ATC/ADS equipment [ATC-84] p0230 N79-16283


HARRIS, E. S.

HARP, J. D., J. E.
An alternating direction explicit method for computing three-dimensional viscous flow fields in turbomachinery [SAE PAPER 781001] p0256 A79-25884

HARBIDGE, E. P.
Advances in helicopter cockpit technology p0310 N79-19625

HARBOUR, E. N.
Evaluation of turbo-propulsion simulators as a testng technique for fighter aircraft [AIAA PAPER 79-1149] p0508 A79-40480

HARRIBAN, K. N.
A cyclic load test for environmental durability evaluation of bonded honeycomb structure p0209 N79-11293

HARRINGTON, J. H.
Giant image 2 reliability and maintainability B-520 [AD-A057938] p0461 B79-63201

HARRINGTON, J. T.
Helicopter bearing failure detection utilizing shock pulse techniques [AD-A057308] p0469 N79-11410

HARRINGTON, E. L.
GPS Phase I user equipement field tests p0203 A79-14193

HARRINGTON, W. W.
The optical control frequency response problem in manual control p0204 N79-17497

HARRIS, C.
Pulsed laser Doppler measurements of wind shear p0666 A79-52046

HARRIS, E. D.
Helicopter performance methodology at Bell Helicopter Textron [AIAA 79-78] p0626 A79-95055

HARRIS, E. L.
Unmanned mini-blimp system [AIAA 79-1610] p0524 A79-92401

HARRIS, E. R.
Active-control design criteria [PAPER-6663] p0433 N79-23065

HARRIS, L. L.
Avionics computer software operation and support cost estimation p0616 A79-89620

HARRIS, L. S., S.
An evaluation of some display parameters for an advanced landing display p0679 A79-51092
HEACOCK, P. E.
Advanced Scout Helicopter flying qualities requirements - How realistic are they
[AHS 79-28] p0429 A79-40080

HEAD, J. M.
Development of a multitubular spar composite main rotor blade
p0015 A79-10919

HADDAWR, J. W.
Analysis of wind tunnel data pertaining to high angle of attack aerodynamics. Volume 1: Technical discussion and analysis of results
[AD-1069646] p0650 A79-30149
Analysis of wind tunnel data pertaining to high angle of attack aerodynamics. Volume 2: Data base
[AD-1069647] p0650 A79-30149

HEAL, H.
V/STOL performance comparisons with variable pitch and variable inlet guide vane fans - A report on experimental data
[AI1A PAPER 79-1286] p0509 A79-40087

HEAL, J. V.
An inverse problem of vertical-axis wind turbines
p0166 A79-20800

HEALY, N.
Airplane responsive engine selection (ABES) - Volume 1: ABES user guide
[AD-A0575392] p0694 A79-12090

HEBRAND, P. A.
The impact of low cont nicco-processors on airborne navigation systems
p0679 A79-51048

HEASLIP, T. W.
Failure analysis of aerospace components
p0213 A79-24235

HECHT, C.
Predictive guidance for interceptors with time delays
p0611 A79-47939

HECTOR, R.
A computer program for aircraft identification and derivative extraction
p0644 A79-50306

HEESEN, J. C.
Investigation of a low-cost servoaeventor for RIAS
[AD-1059180] p0104 A79-13059

HEIDELBERG, B. L.
Evaluation and analysis of computational and experimental data for transonic wing-body configurations
p0154 A79-20105
Calculation of pressure distribution for a wing-body combination at subsonic Mach numbers
[IFP-TR-I3-1091] p0588 A79-27110

HEEFNER, D.
The integrity of aircraft jet engines under the impact of foreign bodies
p0554 A79-27174

HEFFNER, J. T.
Surface finishing

HEFLY, R. E.
A compilation and analysis of helicopter handling qualities data. Volume 2: Data analysis
[NASA-CS-3145] p0672 A79-31222

HEFFNER, J. W.
Application of stability theory to laminar flow control
[AI1A PAPER 79-19493] p0574 A79-46691

HIEBERG, D. E.
Flight investigation of helicopter IFR approaches to oil rigs using airborne weather and mapping radar
[AHS 79-52] p0633 A79-49104

HIEBERG, L. J.
Full-scale engine tests of bulk absorber acoustic inlet treatment
[AI1A PAPER 79-0600] p0267 A79-26881
Full-scale engine tests of bulk absorber acoustic inlet treatment

HIEBNER, N. F.
A stress and strain analysis of industrial radial compressor impellers using the framework method
p0309 A79-19391

HIEBNER, R. F.
Analysis of radiation patterns of interaction tones generated by inlet rods in the JT15D engine
[AI1A PAPER 79-0581] p0272 A79-26944
Analysis of radiation patterns of interaction tones generated by inlet rods in the JT15D engine

HILLMAN, H.
The NASA-Langley 7-inch transonic cascade wind tunnel at the Deutsche Versuchsanstalt fuer Luft- und Raumfahrt and first test results
p0383 A79-21067

HINCOX, R. L.
Flight and propulsion control integration for selected in-flight thrust vectoring modes
[ASPE PAPER 78-07-79] p0008 A79-10768

HINKEDE, H.
Determination of the flaw size in turbine rotors by ultrasonics - A necessary requirement for fracture-mechanics test evaluation
p0337 A79-30281

HINKE, R. O.
Aerodynamics and performance of a gliding parachute with landing brakes
p0066 A79-14423
On the status of experimental stress analysis of parachute canopies
p0404 A79-33466

HINDE, J.
The AMOSAT Program 1975-78
[AI1A 79-1608] p0524 A79-42399

HINTON, B. A.
Physical and chemical properties of JP-4 fuel for 1978
[AD-A070525] p0719 A79-33337

HITZI, H. E.
High-performance reinforced plastic structures for civil aviation
p0602 A79-47302

HOLD, Y.
Application of a north seeking heading and altitude reference for the autonomous navigation of helicopters
p0066 A79-14668

HOLLIS, R. H.
A comprehensive review of airframe noise research
p0152 A79-20080

HOLLIS, L. R.
Apparatus and method for reducing thermal stress in a turbine rotor

HOLLAM, A. S.
A systemized approach to helicopter safety
p0066 A79-14418

HOLST, C. W., JR.
Power by wire for aircraft - The all-electric air vehicle
p0692 A79-53631

HOLSTEY, F. L.
 Wing/store flow-field measurements at transonic speeds using a laser velocimeter
[AD-A068328] p0590 A79-29199
A vortex lattice technique for computing ventilated wind tunnel wall interference
[AD-A070445] p0707 A79-32220

HOZOG, G.
Wing shape optimization for maximum cross-country speed, with mathematical programming
p0480 A79-23899

HONISACK, R. E.
Performance enhancements of GSP user equipment
p0063 A79-14191

HONISACK, R. L.
Design of the circulation control wing STOL demonstrator aircraft
[AI1A PAPER 79-1642] p0609 A79-47099
An investigation of the performance of a J52-P-8A engine operating under the influence of high bleed flow extraction rates
[AD-A057325] p0086 A79-11054

HOSS, F. G.
Cluster speed degradation of damaged, optimized flight vehicles
p0323 A79-29038

HORROH, H. C.
Making turbofan engines more energy efficient
[ASPE PAPER 78-02-190] p0011 A79-10818

HORRISON, L. E.
The effect of operations on the ground noise footprints associated with a large multitudes, nonmagnetizing helicopter
p0040 A79-10851
HENDERSON, J. P.

Engine evaluation of a vibration damping treatment for inlet guide vanes
[AIAA PAPER 79-07-163] p0295 N79-32425

HENDERSON, R. L.

Inverse boundary-layer technique for airfoil design
p0358 N79-20058

Low-speed single-element airfoil synthesis
p0876 N79-23890

HENDERSON, R. D.

Cargo/Logistics Airlift System Study (CLASS), volume 1
[NASA-CE-158915] p0288 N79-20875

Cargo/Logistics Airlift System Study (CLASS), volume 2
[NASA-CE-158916] p0289 N79-17822

Cargo/Logistics Airlift System Study (CLASS), executive summary
[NASA-CE-158959] p0289 N79-17824

HENDERSON, R. E.

Unsteady rotor response to upstream rotor wakes
p0272 N79-26945

Effects of wing leading-edge flap deflections on subsonic longitudinal aerodynamic characteristics of a wing-fuselage configuration with a 45 deg swept wing

HENDRICKS, C. L.

Lightning protection techniques for graphite/epoxy aircraft structures
p0188 N79-20875

HERB-CHENG, L.

Optimix frequencies for aircraft classification
[AD-A065467] p0490 N79-24220

HERING, K. L.

Software requirements for the A-7E aircraft
[AD-A06775] p0304 N79-18974

HERM, P. F.

A computer model for determining weapon release parameters for a helicopter in non-accelerated flight
[AD-A062155] p0364 N79-20106

HERBY, R. M.

Evaluation of an advanced directionally solidified gamma/gama'-alpha eutectic alloy
[NASA-CE-159416] p0265 N79-20222

HERRY, N.

The analysis of engine vibrations
p0512 N79-27150

HENSLEY, T.

FAA route terminal system frequency assignment model
p0250 N79-25323

HENSLEY, T. C.

Automated VHF Frequency Assignment System (FAS) for FAA air traffic control communications
[AD-A061336] p0225 N79-16172

HERRING, R. S.

High efficiency fluid film thrust bearings for turbochargers
p0024 N79-12371

HERING, W. S.

Forward scatter meter measurements of slant visual range
[AD-A064429] p0432 N79-23062

HERRICK, J. W.

Multidimensional advanced composites for improved impact resistance
p0208 N79-24080

HERRING, R. M.

Improved prediction of laminar leading edge separation
p0357 N79-20050

HERROD, R. L.

Multifunction keyboard implementation study
[AD-A066100] p0501 N79-25046

HERTREX, B.

The role of fluid mechanics in aviation technology
[DGIM PAPERS 78-218] p0163 N79-24877

HERZ, J.

Ultra-high-nomulus graphite-epoxy conical shell development, supplement
[AD-A066790] p0662 N79-30335

HERZBERGER, A.

Laser aircraft propulsion
p0822 N79-16618

Laser aircraft
p0261 N79-26597

INDEX

HESS, D. A.

Turbojet blade vibration data acquisition design and feasibility testing

HESS, J. L.

An efficient user-oriented method for calculating compressible flow about three-dimensional inlets
[AIAA PAPER 79-0081] p0747 N79-19524

Hess, D. B., JR.

Benefits of aerodynamic interaction to the three surface configuration
[AIAA PAPER 79-1830] p0608 N79-40780

HESSE, H. A.

A piloted simulator investigation of helicopter precision decelerating approaches to hover to determine single-pilot IFR/SPIM requirements
[AIAA 79-1886] p0573 N79-45813

HESSE, H. F.

Properties of induced transients associated with ER fields produced by lightning or other relatively slow rise-time EMP
p0249 N79-25322

HESSE, R. K.

Development of the Navy E-Dot Autopilot Landing System designed to give improved approach control in air turbulence
[AIAA 79-1772] p0572 N79-45401

HESSE, R. G.

Laminated turbine vane design and fabrication
p0716 N79-33204

HESSELBERGER, J. E.

A computer-aided design method for axial flow pumps and fans
p0588 N79-28568

HESTER, D. D.

Cooperator simulation of an aircraft engine fuel injection system

HESTER, E. L.

Handling qualities aspects of the Bell Model 222 design and development program
[AB 78-26] p0122 N79-18152

HESS, J. W.

Aerospace usage versus commercial utilization of graphite fiber reinforced epoxy composites
p0487 N79-20861

HIBBYT, C. N.

Radar system design for track-while-scan
p0248 N79-25139

HIBBETT, H.

Application of light extinction measurements to the study of combustion in solid fuel rockets
[AD-A059579] p0167 N79-14230

HIBBETTSON, V. S.

European scientific notes, volume 32, number 5
[AD-A065400] p0485 N79-23885

HIBBYT, R. L.

A comparison of panel methods for subsonic flow computation
[AGARD-AG-201] p0362 N79-20086

HILFIANDF, B.

An experimental passive microwave attitude measurement system for escape system steering
p0403 N79-33637

HIBBYTFIELD, A. J.

Overestimates of entrainment from wetting of aircraft temperature sensors in cloud
p0249 N79-25296

HIBTON, R. N.

Initial feasibility study of a microwave-powered sailplane as a high-altitude observation platform

HICKS, C. F., JR.

Improved ballistic damage tolerant design through laminated metal construction
p0014 N79-10912

HICKS, J. R.

Analysis of the economic benefits of utility helicopter safety design features
p0772 N79-15373

Engineering analysis of crash injury in army aircraft
p0312 N79-19565

HICKS, J. W.

Flight test technology development - A preview of DynoTech
p0645 N79-50435

HICKS, R. R.

Supercritical wing design using numerical
program of the NASA-Levis SSH approach to high-temperature LCP life prediction...p0555 N79-27179

Hodges, H. J. Simulators cutting the fuel bill...p0340 N79-31157

Simulating 757/767 - on-the-spot report...p0350 N79-36734

Hodges, H. A. Advanced braking controls for business aircraft...p0455 N79-36731

Hodges, H. Active controls for civil transports...p0236 N79-16873

Digital Avionics Information System /DAIS/ and Enhanced Integrated Display System /EIDS/...p0332 N79-29845

Hodges, H. F. Assessment of software development and maintenance costs due to retrofit of embedded avionics computer...p0667 N79-58383

Hogg, R. Y. Combustion noise prediction update...p0272 N79-26942

Comparison of two flow surveys above stalled wings...p0173 N79-19564

Critical considerations for wind-tunnel testing V/STOL aircraft models...p0145 N79-19671

Turbulent wake measurements with a laser velocimeter...p0462 N79-38058

Velocity measurement about a NACA 0012 airfoil with a laser velocimeter...p0136 N79-10029

A laser velocimeter flow survey above a stalled wing...p0157 N79-19419

Application of the laser velocimeter to airfoil research...p0351 N79-19997

An experimental investigation of the effect of rotor tip shape on helicopter blade-slap noise...p0058 N79-25844

Boadley, A. W. Conversion of wing surface pressures into normalized lift coefficient...p0569 N79-25844

Hobbs, D. B. The calculation of two-dimensional compressible potential flow in cascades using finite area techniques...p0140 N79-19522

Hobbs, R. Tower airport statistics handbook, calendar year 1977...p0180 N79-15099

Hobbs, V. J. Systems integration analysis for future tower cab configuration/systems...p0161 N79-19566

Bock, N. J. Aerodynamic effects simulator...p0402 N79-33617

Hobson, G. Infrared landing system for a mini/ VTOL aircraft...p0239 N79-29062

Qualification tests for helicopters to be used on board ships...p0706 N79-32204

Boettcher, K. E. V. Fatigue properties of adhesive-bonded laminated sheet material of aluminum alloys...p0590 N79-29543

Bopp, A. C. Application of digital controls on the quiet clean short haul experimental engines...p0469 N79-38984

Boag, D. J. Environmental exposure effects on composite materials for commercial aircraft...p0585 N79-28232

Bopp, R. L. Fabrication research for supersonic cruise aircraft...p0529 N79-43243

Bopp, J. R. Windshield technology demonstrator program - canopy detail design options study...p0669 N79-31201

Bopp, J. D. Calculation of the three-dimensional flow field in supersonic inlets at angle of attack using a bicharacteristic method with discrete shock wave fitting...p0147 N79-19698

A computer program for the calculation of the flow field in supersonic mixed-compression inlets at angle of attack using the three-dimensional method of characteristics with discrete shock wave fitting...p0333 N79-10023

Bopp, W. C. Display/control requirements for automated VTOL aircraft...p0364 N79-20112

Bopp, H. J. Experience with an airborne digital computer system for general aviation flight testing...p0684 N79-51200

Flight test techniques for high speed airfoil evaluation...p0352 N79-20001

Bopp, R. Implementation of flight control in an integrated...
guidance and control system

Hoffman, V.
Sources and magnitude of radio compass instrumental errors

Hoffrichter, J. S.
Damage-tolerant design of the YUB-61A main rotor system

OH 58 composite main rotor blades preliminary design investigation [AD-A0655010]

Hoffman, L. G.
Analysis of digital flight control systems with flying qualities applications. Volume 2: Technical report

Hogan, D.
Direct drive control valve for fly-by-wire flight control surfaces actuators [AD-A0620106]

Hogsett, J. T.
Development and demonstration of manufacturing processes for fabricating graphite/EP-15 polyimide structural elements

Hogsett, R. A.
An airborne reference noise source for studying airplane flyover noise propagation and measurement [AIAA PAPER 79-0650]

Hoff, B. N.
effect of reduced visibility on VTOL handling quality and display requirements [AIAA 79-1680]

Holding, J. E.
Handing quality and display requirements for low speed and hover in reduced flight visibility [NASA-TN-78-295]

Hoke, E. J.
Structures and TPS for the HREP/HYID

Hogg, G. M.
Environmental factors affecting the installation and operation of gas turbine engines in agricultural aircraft [SAP PAPER 781010]

Hoggyott, J. T.
Development and demonstration of manufacturing processes for fabricating graphite/EP-15 polyimide structural elements

Hogsett, R. A.
An airborne reference noise source for studying airplane flyover noise propagation and measurement [AIAA PAPER 79-0650]

Holmes, B. E.
The role of rotor impedance in the vibration analysis of rotorcraft

Holmes, H.
The role of rotor impedance in the vibration analysis of rotorcraft, part 4 [NASA CR-752261]

Holmes, N.
The identification of parameter nonlinearities in analytic hingeless rotor modeling

Holmes, N.
The role of rotor impedance in the vibration analysis of rotorcraft

Holmes, N.
The role of rotor impedance in the vibration analysis of rotorcraft

Holmes, N.
The implementation and application of a sensor interfacing unit for strapdown inertial systems [NAL-TR-532]

Holmes, G. F.
Periodically unsteady flow in an imbedded stage of a multistage, axial-flow turbine [AIAA PAPER 79-0641]

Holcomb, R. L.
The influence of compressor inlet guide vane/rotor relative circumferential positioning on blade wake transport and interaction [NASA-AFS-74069]

Holcomb, R. L.
Low-speed wind-tunnel investigation of wing fins as trailing-vorter-alleviation devices on a transport airplane model [NASA TP-1453]

Holcomb, R. L.
Development of the Beechcraft Model 72 [SAP PAPER 790617]
The Beech Model 77 'Skipper' spin program [AIAA PAPER 78-1813]

Holcomb, R. L.
Aircraft cabin ozone measurements on B747-100 and B747-SF aircraft: Correlations with atmospheric ozone and ozone encounter statistics [NASA-TH-79060]

Holcomb, R. L.
Feasibility study of mini-BFY for attack

B. F. Boyd, R. F.
Unconstrained supersonic cruise and maneuvering
configuration concepts
[AIAA PAPER 79-0220]
operaions

HODD, J. C.
A review of the I11 data base for fault-tolerant system incentives
[AD-A066197]
operaions

HODD, A. E.
Validation of scramjet exhaust simulation technique at Mach 6
[NASA-CR-3003]
operaions

HODD, R. N.
Development of an integral fuel injection concept for staged combustors
[AIAA PAPERS 79-0384]
operaions

HODDING, R.
Crimp morphologies on aluminum prepared for adhesive bonded aircraft structures
p0210 A79-24106

HODD, R. E.
An elementary explanation of the flutter mechanism with active feedback controls
p0336 A79-30480

HODDLOCK, J. H.
Circumferential asymmetry in axial flow compressors
p0362 A79-21056

HODD, M. C.
High strength fibers for lighter-than-air craft
[AIAA 79-1601]
operaions

HODD, R. P.
Structural area inspection frequency evaluation (SAIFE). Volume 2: Description of simulation logic
[AD-A055689]
operaions

HODDING, B. S.
Advanced en route air traffic control automation
p0274 A79-27129

HODD, B. L.
Aircraft accommodation of fuel conservative turbojet operations
[AD-A055050]
operaions

HODD, C. C.
Computation of three-dimensional turbulent separated flows at supersonic speeds
[AIAA PAPER 79-0002]
operaions

HODD, N. C.
Demonstration of an improved method for repair of bonded aircraft structure
[AD-A055945]
operaions

HODD, B. L.
Model tests on cooling of gas turbine blades
p0697 A79-54273

HODD, J. P.
Aircraft and avionic related research required to develop an effective high-speed runway exit system
[NASA-CR-159075]
operaions

HODD, G. S.
Oil squeeze film dampers for reducing vibration of aircraft gas turbine engines
[ASME PAPER 79-02-123]
operaions

HODD, J. E.
A new U.G./T-test station interface
p0625 A79-48896

HODD, L. D.
Expanding the region of convergence for STAN through improved modelling of terrain nonlinearities
p0619 A79-48874

HODD, N. J.
Problems of onboard determination of wind relationships with optimal filters
[DGLE PAPER 79-048]
operaions

HODD, J. A.
Operation and evaluation of the terminal configured vehicle mission simulator in an automated terminal area metering and spacing ATC environment
p0335 A79-29899

HODD, C. B.
A study of the blown flap/jet flap analog
[AIAA PAPER 79-0119]
operaions

HODDINGTON, D. E. A.
Mission simulation as an aid to display assessment
p0135 A79-20028

HODD, J. L.
An airborne microcomputer for radio navigation
p0195 A79-23250

HODD, E. B., II
Investigation of the YF-16 in high angle of attack asymmetric flight
[AD-A05511]
operaions

HODD, E. E.
YC-14 thermoplastic/graphite elevator
p0529 A79-43241

HODD, T. A.
Airborne Early Warning Warning /Chadwick Memorial Lecture/

HODD, T. L.
Impact of operational issues on design of advanced composite structures for Army helicopters
p0173 A79-10907

HODD, G.
Results of an improved version of LTBN2 for computing unsteady airloads on airfoils oscillating in transonic flow
[AIAA PAPER 79-1533]
operaions

HODD, J. R.
Reliability growth planning to achieve R/W/GMTBF requirements for an airborne radar
p0240 A79-24965

HODD, G. J.
The Tri-Fan V/STOL propulsion/control concept
[AIAA PAPER 79-0121]
operaions

HODD, J. L.
Computer formulations of aircraft models for simulation studies
[NASA-TP-1470]
operaions

HODD, J. L.
Geometric data transfer
[AILA PAPER 79-1948]
operaions

HODD, D.
The application of computer aided techniques to project design
p0261 A79-26592

HODD, R. S.
The aerodynamic noise of a slot in an aerofflter
[ARC-R-3-3830]
operaions

HODD, J. R.
A new stage stacking technique for axial-flow compressor performance prediction
[ASME PAPER 78-07-133]
operaions

HODD, G. L.
Technical evaluation report on the 77th Guidance and Control Panel Symposium on the V/STOL Aircraft at Night and in Poor Visibility
[AGARD-AP-162]
operaions

HODD, G. P.
The sound power spectrum of shock-free jets
[AIAA PAPER 79-0595]
operaions

HODD, R. W.
Reproducibility of structural strength and stiffness for graphite-epoxy aircraft spoilers
p0269 A79-26518

B-72
HUFFMAN, D. G.  
Compressor research facility aerodynamics analysis  
([AD-1070623])  
p0715 179-33193

HUFFMAN, J. K.  
Influence of optimized leading-edge deflection and geometric anhedral on the low-speed aerodynamic characteristics of a low-aspect-ratio highly swept arrow-wing configuration  
([NASA-TN-R80063])  
p0547 179-27095

The effect of camber relative size and vertical location on the subsonic longitudinal and lateral-directional static aerodynamic characteristics for a model with a swept forward wing  
([NASA-TN-78739])  
p0580 179-28138

HUGHES, D. P.  
Rotorcraft for transport use - European requirements  
([SAE PAPER 780335])  
p0005 179-10404

HUGHES, C. W.  
Design, analysis, and testing of a new generation tail rotor  
([ARS 79-57])  
p0633 179-49107

HUGHES, R. L.  
Dynamic test techniques - Concepts and practices  
([AIAA PAPER 79-1776])  
p0642 179-50164

HUGHES, T. F.  
Aeroelastic, static structural test program  
([AD-1071782])  
p0715 179-33192

HUGO, F.  
Air France's Paris-Tokyo transpolar flight in 1978  
([AIAA 79-7034])  
p0330 179-29405

HUGUENIN, F. B.  
4-D helical approach of a transport aircraft in an AIC environment  
([AIAA 79-1776])  
p0572 179-45040

HUL, W. H.  
An analytic theory of supersonic/hypersonic stability at high angles of attack  
([NASA-CR-159556])  
p0712 179-33163

HURLBUT, W. G.  
Parametric studies of model helicopter blade slap and rotational noise  
([AD-306818])  
p0600 179-29962

HURON, P. J.  
Aircraft obstruction of microwave links  
([AR-292372/00])  
p0544 179-26208

HURREN, B. W.  
Low cost expendable engine  
([AD-1062846])  
p0366 179-20125

HURREN, H.  
Helicopter aerodynamics  
([NASA PAPER 78-225])  
p0183 179-20482

HURREN, P. W.  
Airframe-integrated propulsion system for hypersonic cruise vehicles  
([AD-1068181])  
p0365 179-21424

HURREN, R.  
Design and development of a motion compensator for the SRR main rotor control  
([NASA PAPER 79-0049])  
p0427 179-22561

HURREN, R. P.  
Compensating linkage for main rotor control  
([NASA-CAT-LAB-11797-1])  
p0175 179-15057

HURREN, R. W.  
An improved lateral stability augmentation system for air-to-air tracking  
([NASA PAPER 79-3058])  
p0572 179-45042

HUCK, K. L.  
Lean combustion limits of a confined premixed-prevaporized propane jet  
([NASA PAPER 79-0538])  
p0223 179-25856

HUGGINS, W. A.  
Low-oil-lubrication operation of helicopter transmissions  
([ARS 78-49])  
p0124 179-18172

HUGGINS, S. W.  
Planning the development and qualification process for the next generation of high technology aircraft engines  
([SAE PAPER 780992])  
p0255 179-25078

V/STOL aircraft engine and mechanical drive component integration  
([SAE PAPER 781038])  
p0258 179-25066

HUFF, R. V.  
Development of the Navy 404-95 Automatic Carrier Landing System designed to give improved approach control in air turbulence  
([NASA 79-1772])  
p0572 179-45401

HUEBNER, R. G.  
Study of the flow field behind a transonic axial compressor rotor using laser-anemometry and steady-state pressure measurements  
([AIAA 79-7034])  
p0330 179-29405

Comparison between flows in cascades and rotors in the transonic range. 3. Compa
experimential and theoretical results of flow studies on blade-to-blade surfaces in an axial compressor rotor

The trajectories of spherical particles in flow through cascaded turning vanes

Experimental techniques used to evaluate propulsion system interference effects on the configuration of the Boeing C-19

Radar and bird-aircraft collisions

The evolution of fly-by-wire control techniques in the UK

Hypersonic structures: An aerodynamicist's perspective, or one man's dream is another man's nightmare

Flight investigation of helicopter IFP approaches to oil rigs using airborne weather and mapping radar

Augmented vectored thrust engines and the problem of avoiding hot gas recirculation

Integration of an airframe with a turbofan and prototype flight testing

Realization of a helicopter-oriented real-time data system for research, experimental, and prototype flight testing

The Omega navigation system - An overview

Fibre composite reinforcement of cracked aircraft structures

An analysis of the new construction regulations for military and civil aircraft construction with respect to the demonstration of serviceability

Economical processing for the fabrication of CFEP components

Manufacture of ring rolled components for gas turbine engines

Aircraft wake flow effect and horizontal tail buffet suppression systems

Some observations on the mechanism of aircraft wing rock

Demonstration of aircraft wing/store flutter suppression systems

Investigation of steady and fluctuating pressures associated with the transonic buffetting and wing rock of a one-seventh scale model of the F-5A aircraft

An analysis of the low cycle fatigue behavior of the superalloy Rene 95 by strainrange partitioning
AKUSEV, V. S.
Representation of compressor characteristics in coordinates convenient for computer calculation of GT2 parameters
p0068 A79-146844

Analysis of the relationship between the performance of the compressor and other parameters
p0083 A79-16802

FLOKIN, L. D.
Fidelity of empirical formulas for calculating the hydraulic resistance of networks
p0451 A79-36593

TANNBERG, K. E.
On some methods for the numerical simulation of flows with complex structure
p0408 A79-39691

The wing section theory of Kutta and Zhukovski
p0334 A79-29701

TANKVIC, H. I.
The Yak-18T aircraft: construction and operation
p0126 A79-18297

TANOVSKII, V. M.
Study of the nonuniformity of the temperature field of a homogeneous combustion chamber as the parameters of the primary zone vary
p0525 A79-42549

Study of the nonuniformity of the temperature field in gas turbine engine combustion chambers
p0526 A79-42558

TABIY, L. F.
Aerodynamics of flake jets
p0259 A79-26355

ICEBICHT, P. J., Jr.
How to add satellite navigational accuracy and stability to existing offshore NAV Systems
p0277 A79-27388

ICHITAMA, A.
Effect of forced acceleration on aerodynamic characteristics of wings
p0462 A79-38124

IDATULLIN, M. S.
Convective heat exchange of gas-particle stream in flow passage of throttling device with valve-type turning element
p0280 A79-27742

IGNATOV, S. G.
Numerical solution of a linear integral equation of the first kind in the inverse problem of symmetric flow past a wing
p0019 A79-12138

IGORO, H. B.
Full-scale aircraft simulation with cryogenic tunnels and status of the National Transonic Facility
p0543 A79-26064

IHARA, R.
Observation of atmospheric interactions at aeroplane altitude
p0461 A79-37573

IIMURA, R.
Japanese lighter-than-air mission studies
p0522 A79-42387

IKI, T.
Past-acting valves for use in shock tubes. II - Formation of shock waves
p0528 A79-43153

ILCHEV, V. D.
Time-frequency method of solving large problems in the dynamics of elastic structures with local nonlinearities
p0020 A79-12155

ILFIV, K. V.
Considerations in the analysis of flight test maneuvers
p0045 A79-50433

Effect of sampling rate and record length on the determination of stability and control derivatives
p0095 A79-12956

Important factors in the maximum likelihood analysis of flight test maneuvers
p0425 A79-22113

ILINSEEV, V. I.
Handbook of flight communication and radio equipment
p0564 A79-54894

ILIUSKI, V. V.
Optimal selection of the geometrical characteristics of the reversing channel of a small-scale turbine with readmission of the gas
p0450 A79-36583

Effectiveness of readmission of the gas in high-pressure-ratio small-scale turbines
p0450 A79-36584

ILLO, M.
Fatigue and fracture
p0661 A79-30315

INBER, F. H.
Integration of nondestructive testing methods into design for structural integrity assurance
p0136 A79-18658

INGLE, C. F.
Self-contained grease lubrication systems for aircraft applications
p0631 A79-49091

INGLE, R. E.
Simulation of helicopter powerplant performance
p0008 A79-10774

INGRA, S.
Small perturbation analysis of nonuniform rotating disturbances in a vaneless diffuser
p0002 A79-10270

INGRA, S.
The effect of slot configuration and arrangement on the characteristics of jet flow
p0337 A79-30377

INOUE, T.
On the balancing convergence of flexible rotors, with special reference to asymmetric rotors
p0395 A79-31390

IOHNO, H.
Crashworthiness tests on model aircraft fuselage structures
p0275 A79-27354

ISHIO, J.
Problems raised by the application of the natural stability reduction concept to transport aircraft
p0155 A79-20117

Results related to simulated and in-flight experimentation with an electric flight control system that can be generalized
p0658 A79-30224

ISHIO, K. S.
Self-contained grease lubrication systems for aircraft applications
p0631 A79-49091

ISAYE, V. V.
Determination of the geometrical parameters and position of the nose flap at the root section of a swept wing on the basis of wind tunnel data
p0028 A79-12953

Selecting the geometrical parameters and location of the nose flap at the root section of a swept wing on the basis of wind tunnel data
p0348 A79-32038

Simulation of helicopter powerplant performance
p0450 A79-36584

ISEKI, L. J.
R-16 Avionics Intermediate Shop self-test
p0223 A79-12302

ISHIGAKI, T.
Research of the XF3-1 turbofan engine
p0011 A79-10191

ISHIHARA, K.
Analysis of an unsteady aerodynamic force on a blade due to ununiform amplitude gusts
p0473 A79-39059

ISHIKAWA, L. J.
Analysis of an unsteady aerodynamic force on a blade due to ununiform amplitude gusts
p0473 A79-39059

ISOBORO, T.
On mechanics of gyroscopes in gimbal suspension
p0064 A79-14209

ISORO, T.
Structural analysis of hollow blades: Torsional stress analysis of hollow fan blades for aircraft jet engines
p0281 A79-17261

ISOHAI, K.
On the transonic-dip mechanism of flutter of a sweptback wing
p0516 A79-87163
JAEGER, C.
Implementation of the Omega system for air navigation

JAEGER, D.
Lightning protection for aircraft

JAMES, S.

JAI, A. B.

JAMES, B. N.

JAISEAL, N. K.

JAMISON, A.

JAMES, B. P.

JANNETTA, T.

JANETZKB, D. C.

JANCOVICB, S. G.

JANISON, B. G.

JANTZEN, N.

JABBSEN, N. A. H.

JANSSEN, B. I.

JANONSKA G.

JARVINEN, N. A.

JAPIKSE, D.

Lightning protection from aircraft
Implementation of the Omega system for air
Systems development of a stall/spin research
Configuration development study of the X-24C
A system for providing an integrated display of
Behaviour of a two-dissimilar unit imperfect
Recent progress in finite-volume calculations for
A new approach to the solution of large, full
matrix equations: A two-dimensional potential
flow feasibility study
Numerical calculation of transonic flow past a swept wing by a finite volume method
Numerical calculation of transonic flow past a swept wing by a finite volume method
Numerical calculation of transonic flow past an airfoil

JAMES, R.
A system for providing an integrated display of instantaneous information relative to aircraft attitude, heading, altitude, and horizontal situation

JAMES, R. P.
A new approach to the solution of large, full matrix equations: A two-dimensional potential

JAMESON, A.
Configuration development study of the Y-24C hypersonic research airplane

JANSCH, A.
Recent progress in finite-volume calculations for wing-fuselage combinations

JANSCH, R. G.
Water absorption of fluids/oils

JANCICQV, S. G.
The electro-impulse de-icing method

JANETZKE, D. C.
Evaluation of NASA computer code for predicting dynamic loads in two-bladed wind turbines

JANEKO, A.
Precorrection in centrifugal pumps: Design criteria

JANETTA, T.
Evaluation of turbo-propulsion simulators as a testing technique for fighter aircraft

JÄRNSÅS, E. M.
Model study of transient processes in a hydraulic power amplifier

JANSEN, B. L.
Preliminary flight and wind tunnel comparisons of the inlet/airframe interaction of the Y-15 airplane

JANSEN, R. L.
Preliminary flight and wind tunnel comparisons of the inlet/airframe interaction of the Y-15 airplane

JANSEN, W. M.
Conflict warning for the radar controller in air traffic control

JANTZEN, N.
Separation and investigation of wear particles from aero-engines

JAPIESE, D.
Alternative turbine cooling technology

JAROBISK, W.
Aircraft electric power networks - Structures. I

JAVIN, W. A.
Complex quaternion notation in coordinate transformations
JOHNS, A. I.  -  JOHN, L. K.

JOHNSON, E. L.

JOBAGEN, U.

JOBS, J.

JOHNE, C. E.

JIHSA, V.

JETHON, O.

JEWELL, N.

JESSE, H. B.

JERNELL, L. S.

JIRACKI, P.

JERABEK, J. H.

PERSONAL AUTHOR INDEX

Performance of a V/STOL tilt nacelle inlet with blowing boundary layer control  [AIAA PAPER 79-1163]

JOHNSON, H. L.

Conditioning and geometry effects on low-frequency afterburner combustion instability in a turbine at altitude [NASA-TN-1475]

JOHNSON, L. V.

Particle trajectories near an airfoil with a film-cooled leading edge  [NASA-TM-80085]

JOHNSON, C. R.

Texas Instruments Phase I GPS user equipment  [A79-24190]

JOHNSON, D.

Visibility modeling for a landing simulator with special reference to low visibility  [NASA-PAP-79-0333]

JOHNSON, D. L.

Ground winds for Kennedy Space Center, Florida, 1979 revision  [NASA-TP-79-3229]

JOHNSON, R. Z.

20 hp mini-BFP demonstrator engine programs  [AFPR PAPER 79-02-200]

JOHNSON, P.

Numerical computation of optimal evasive maneuvers for a realistically modeled airplane pursued by a missile with proportional guidance [AIAA PAPER 79-1624]

JOHNSON, T. T.

Recent advances in the solution of three-dimensional flow over wings with leading edge vortex separation [AIAA PAPER 79-0282]

JOHNSON, G. A.

Development of aircraft lavatory compartments with improved fire resistance characteristics  [NASA-CR-152074]

Development of aircraft lavatory compartments with improved fire resistance characteristics, phase 1: Fire containment test of a wide body aircraft lavatory module  [NASA-CR-152078]

Conference on Fire Resistant Materials: A compilation of presentations and papers  [NASA-CR-2094]

FIREMIX program  [NASA-CR-2094]

Development of aircraft lavatory compartments with improved fire resistance characteristics, phase 2: Sandwich panel resin system development [NASA-CR-152120]

JOHNSON, G. W.

Cloud physics observations inside hailstorms with an armored aircraft data system  [NASA-CR-152120]

JOHNSON, J.

The survivability of helicopters to rotor blade ballistic damage  [A79-24190]

JOHNSON, J. E.

Application of advanced technologies to improve C-141 cruise performance [NASA-PAP-79-03066]

JIRET, E.

Results of power systems study advanced fighter/attack and V/STOL aircraft  [A79-24190]

JEWELL, R. S.

Effects of laminar flow control on the performance of a large span-distributed-load flying-wing cargo airplane concept  [NASA-TM-79875]

Effects of a military cargo pod and tail fins on the aerodynamic characteristics of a large wide-body transport aircraft [NASA-TM-80052]

JESSE, R. E.

Ice accretion and its effects on aerodynamics of unprotected aircraft components  [NASA-TM-79167]

JETSON, O.

Results of power systems study advanced fighter/attack and V/STOL aircraft  [A79-24190]

JISCHEK, H. C.

Supersonic flow past conical bodies with nearly circular cross sections  [AD-A0680004]

JOBE, C. R.

Large-vehicle concepts  [AD-A072118]

JOBST, J. J.

User's guide: Computer program with interactive graphics for analysis of plane truss structures [CEPREM]

JOBBOUR, D.

The low-density channel of the Aerodynamic Institute  [NASA-TM-79105]

JOGLEKAR, A. M.

Evaluation of GPS performance for low-cost general aviation  [NASA-PAP-79-1065]

JOGGET, J. C.

New-generation Taca-equipment  [NASA-CP-3092]

JORGENSEN, E.

A method for evaluating KC-135 avionics configurations  [NASA-CP-3092]

JOHNSON, R. P.

High angle of attack characteristics of different fighter configurations  [NASA-PAP-79-0282]

JOHNSON, L. X.

The design and fabrication of the de Havilland EBC-7 nose avionics compartment using aramid composites  [NASA-CR-152078]

JOHNSON, A. L.

Performance of a V/STOL tilt nacelle inlet with blowing boundary layer control [NASA-PAP-79-1163]

JOHNSON, J. P.


JOHNSON, J. W.

Wind tunnel performance of four energy efficient propellers designed for Mach 0.8 cruise  [NASA-TM-79124]

Wind tunnel performance of four energy efficient propellers designed for Mach 0.8 cruise  [NASA-TM-79167]

JOHNSON, J. K.

Some steady and oscillating airfoil test results, including the effects of sweep, from the tunnel spanning wing  [NASA-PAP-79-0066]

Performance of a V/STOL tilt nacelle inlet with blowing boundary layer control  [NASA-PAP-79-1163]

JEWELL, L. S.

Wind tunnel performance of four energy efficient propellers designed for Mach 0.8 cruise  [NASA-TM-79124]

Wind tunnel performance of four energy efficient propellers designed for Mach 0.8 cruise  [NASA-TM-79167]

JOHNSON, G. H.

Effects of laminar flow control on the performance of a large span-distributed-load flying-wing cargo airplane concept  [NASA-TM-79875]

Effects of a military cargo pod and tail fins on the aerodynamic characteristics of a large wide-body transport aircraft [NASA-TM-80052]

JOHNSON, C. B.
JONES, V. S.

Evaluation of two inflow control devices for flight simulation of fan noise using a JT15D engine
[NASA-TM-79072] p0221 N79-15969

JONES, W. S.
Laser-powered aircraft and rocket systems with laser energy relay units
[NASA-LR-266] p0062 A79-16619

Laser aircraft
[NASA-TP-15221] p0261 A79-26597

JONES, Y. P.
US Army aviation fatigue-related accidents, 1971 - 1977
[ASAE PAPER 79-0670] p0310 N79-19621

JOOS, D. K.
Comparisons of typical gyro-errors for strapdown applications
[SAE PAPER 79-0670] p0067 A79-14662

JOOS, C. J. J.
Experimental investigation of the aerodynamic characteristics of a wing in a jet flow
[AFOSR-TR-78-017] p0703 N79-32177

JOORD, A. J.
Investigation of a laser Doppler velocimeter system to measure the flow field of a large scale V/STOL aircraft in ground effect
[AFOSR PAPER 79-1188] p0468 A79-38974

Investigation of a laser Doppler velocimeter system to measure the flow field around a large scale V/STOL aircraft in ground effect
[AFOSR-CP-15221] p0544 A79-26374

JORDAN, R. C.
Emissions of oxides of nitrogen from aircraft
[AFOSR-TR-78-017] p0206 A79-23743

JORDAN, D.
Development of gas turbine performance seeking logic
[AFOSR PAPER 78-017] p0001 A79-10257

JORDAN, R. L., Jr.
Full-scale wind-tunnel investigation of an Ayres 500-800 Thrush agricultural airplane
[AFOSR PAPER 790618] p0457 A79-36746

JORDAN, R. C.
Assessment of suggested electronic fuel controls for modular engine diagnostics and condition monitoring
[AD-A065128] p0436 A79-23091

JORDAN, R. A.
Development and evaluation of a helicopter-borne water-quality monitoring system
[AFOSR-TR-78-017] p0071 A79-15085

JORDAN, V.
Environmental models for moisture absorption by aircraft composites
[AFOSR-TR-78-017] p0278 A79-27572

JORGENSEN, L. E.
Prediction of aerodynamic characteristics for slender bodies alee and with lifting surfaces to high angles of attack
[AFOSR PAPER 79-0670] p0418 A79-22023

JORGENSEN, P. A.
Modern systems for air traffic control
[AFOSR-TR-78-017] p0647 A79-50921

JOSEPH, G.
A five channel MSS for aircraft platforms
[AFOSR-TR-78-017] p0117 A79-22578

JOSEPH, N. C.
On sound radiation from the trailing edge of an isolated airfoil in a uniform flow
[AFOSR-PAPER 79-0670] p0268 A79-26907

An experimental study of U.S. flag noise radiation through open small window modifications
[AFOSR-PAPER 79-0670] p0268 A79-26908

JOSEPH, R. N.
Design specifications for the caged balloons with special reference to their survival in the equatorial troposphere
[AFOSR-TR-78-017] p0262 A79-26635

JOSTL, R. D.
An experimental investigation of film cooling on a turbine rotor blade

Research on centrifugal effects on turbine rotor blade film cooling
[AD-A062002] p0165 A79-14106

JOSTL, J. D.
A fundamental criterion for the application of rotor casing treatment
[AFOSR-TR-78-017] p0213 A79-24220

PERSONAL AUTHOR INDEX

JOG, R. H.
Procedure for noise prediction and optimization of advanced technology propellers
[AFOSR-TR-78-017] p0223 A79-22100

JOG, V. H.
Supersonic propeller noise in a uniform flow
[AFOSR-PAPER 79-0348] p0146 A79-15661

JOT, V.
Regression simulation of turbine engine performance/aircraft regression model
[AD-A063975] p0242 A79-22106

JUCKES, J. V.
Planning for airport access: An analysis of the San Francisco Bay area
[AFOSR-TR-78-017] p0042 A79-10942

JUENGER, R. A.
F/A-18 Hornet display system
[AFOSR-TR-78-017] p0616 A79-48630

JUSTEL, P.
Application of advanced data reduction methods to gas turbine dynamic analysis
[AFOSR-TR-78-017] p0047 A79-36024

JUPPER, R. J.
Air Force Academy aeronautics digest, fall 1978
[AFOSR-TR-78-017] p0600 A79-30134

JUPPER, J. J.
The analysis of propellers including interaction effects
[SAP PAPER 79057] p0453 A79-36712

JUNGCLAUS, G.
Air breathing engines - aerodynamic aspects
[AFOSR-TR-78-017] p0301 A79-16925

JENKINS, R. A.
Integrally cast turbine rotor for high volume production
[SAP PAPER 7901000] p0255 A79-25883

JUHASZ, J.
On the noise emitted by cold subsonic coaxial jets
[AFOSR-TR-78-017] p0117 A79-17767

KACHARIS, R. O.
Synthesis and analysis of systems for active control and suppression of flutter of flying craft
[AFOSR-TR-78-017] p0027 A79-12755

KACHARIS, B. J.
Configuration development study of the J-24C hypersonic research airplane
[AFOSR-TR-78-017] p0218 A79-15940

KARDAN, K. S.
Jet discharge coefficient through openings for parallel flow
[AFOSR-TR-78-017] p0331 A79-29418

KAHL, R. W.
Damage-tolerant fan blade design
[AFOSR PAPER 79-1179] p0466 A79-38951

KAFFER, P. G.
Effect of flight loads on turboshaft engine performance deterioration
[AFOSR-TR-78-017] p0361 A79-30559

Effect of flight loads on turboshaft engine performance deterioration
[AFOSR-TR-78-017] p0044 A79-12085

KARRLUND, W. R., Jr.
Effect of image tilt of a virtual image display on simulated transport touchdown performance
[AFOSR-TR-78-017] p0715 A79-33189

KELLY, R. L.
[AFOSR-TR-78-017] p0295 A79-16074

KELLY, S. L.
An assessment of national risk: General concepts and overall approach
[AFOSR-TR-78-017] p0426 A79-22208

KELFAT, S. B.
Compatibility of elastomers in alternate jet fuels
[AFOSR-TR-78-017] p0557 A79-27321

KELPER, L. L.
Accuracy of determination of aromatic hydrocarbon content in jet fuels by the sulfuric acid method
[AFOSR-TR-78-017] p0324 A79-29120
Changes in the quality of T-6 fuel upon prolonged storage

Software requirements for the A-7E aircraft

Application of an interactive graphics system for the design and optimization of aircraft lifting surfaces

An analysis of air intakes in the boundary layer

Aircraft stability characteristics at high angles of attack

Diffusers for supersonic intakes - The dependence of conical diffuser performance on inlet flow conditions

Nonlinear structural crash dynamics analyses

Preliminary test facilities technical capabilities and international use

Aeromechanical test facilities capabilities and use

Propulsion system considerations for the subsonic V/STOL

Jet-induced aerodynamics of V/STOL aircraft over a moving deck

V/STOL aircraft configuration effects on exhaust gas ingestion

Lift system induced aerodynamics of V/STOL aircraft in a moving deck environment. Volume 1: Technical discussion

Lift system induced aerodynamics of V/STOL aircraft in a moving deck environment. Volume 2: Static and dynamic jet-induced force and moment data

Parameter and state estimation applicable to aircraft identification problem

Acoustic driving of rotor

Simulation and study of V/STOL landing aids for OSMC AV-8 aircraft

Statistical review of counting accelerometer data for Navy and Marine fleet aircraft

Preparing for the TF-90

Pretting fatigue, with reference to aircraft structures

Reduction of rotor-turbulence interaction noise in static fan noise testing

Noise characteristics of heated high velocity rectangular jets

Advanced risk assessment of the effects of graphite fibers on electronic and electric equipment, phase 1

Derivation of flight-by-flight spectra for fighter aircraft

Multinode radar processor

Validation of aircraft noise prediction program

Application of the local momentus theory to the aerodynamic characteristics of tandem rotor in yawed flight

Development of lightweight, fire-retardant, low smoke, high strength, thermally stable aircraft floor paneling

Wind tunnel simulation of wind-structure interactions

Aerodynamic and thermodynamic characteristics of flow fields below V/STOL vehicles in ground proximity

The aerodynamic and thermodynamic characteristics of fountains and some far field temperature distributions

Rescue helicopters in primary and secondary missions

Axisymmetric calculations of transonic wind tunnel interference in slotted test sections

Path controllers: Unification of concepts and comparison of design methods

Helicopter crashworthy fuel systems and their effectiveness in preventing thermal injury

Survey of radar simulation training at ATC field facilities

Experimental investigation of the endurance of airplane fin sections in acoustic loading

Experimental investigation of the endurance of airplane fin sections in acoustic loading

Creep calculation for thin-walled structures operating under unsteady heating and loading conditions

Aviation wide angle visual system /AVAVS/ - Visual system performance

The Omega navigation system - An overview

Omega - Global navigating by VLF fix

Investigation of flexible nozzle wall-flutter incidents in the NASA-Ames Research Center 11-foot transonic wind tunnel

Hybrid packaging of integrated circuits for engine controls
KATZ, I.

Hydrodynamic propulsion by large amplitude oscillation of an airfoil with chordwise flexibility

KATSOKI, B.

Full-scale wind tunnel study of nacelle shape on cooling drag

KATINSKY, E. A.

Optimizing linear flight vehicle stabilization systems with orthogonal filters

KAWACHI, K.

Application of the local momentum theory to the aerodynamic characteristics of tandem-rotor in yawed flight

KAWAMURA, R.

Laminar boundary layer with foreign gas injection on a conical body

KAWANA, H. Y.

Side qualities criteria validation/pilot performance study: Flight test results

KAVAMURA, R.

Calculation of rotor impedance for articulated-rotor helicopters in forward flight

KAY, B.

The role of the backside parameter in height control

KAY, B. A.

A numerical prediction of typical articulated rotor impedance

KAY, B. S.

High speed interference heating loads and pressure distributions resulting from elevon deflections (AIAA 79-0145)

KAY, B. E.

Optimizing linear flight vehicle stabilization systems with orthogonal filters

KAY, B. E.

Aerodynamic response for the airfoil experiencing sudden change in angle of attack

KAY, B. E.

Helicopter transparent enclosures. Volume 2: A general specification

KAY, B. E.

Calculation of rotor impedance for hovering articulated-rotor helicopters

KAY, B. E.

Aerodynamic characteristset of rotor in Helicopter transparent enclosures. Volume 2: A Ride qualities criteria validation/pilot

KAY, B. E.

Aerodynamic response for the airfoil experiencing Laminar boundary layer with foreign gas injection

KAY, B. E.

Application of the local momentum theory to the aerodynamic characteristics of tandem-rotor in yawed flight

KAY, B. E.

Calculation of rotor impedance for articulated-rotor helicopters in forward flight

KAY, B. E.

A numerical prediction of typical articulated rotor impedance

KATSOKI, B.

Full-scale wind tunnel study of nacelle shape on cooling drag

KATINSKY, E. A.

Optimizing linear flight vehicle stabilization systems with orthogonal filters

KATINSKY, E. A.

Aerodynamic response for the airfoil experiencing sudden change in angle of attack

KATINSKY, E. A.

Aerodynamic response for the airfoil experiencing sudden change in angle of attack

KATINSKY, E. A.

Optimizing linear flight vehicle stabilization systems with orthogonal filters

KATINSKY, E. A.

Application of the local momentum theory to the aerodynamic characteristics of tandem-rotor in yawed flight

KATINSKY, E. A.

Aerodynamic response for the airfoil experiencing sudden change in angle of attack

KATINSKY, E. A.

Aerodynamic response for the airfoil experiencing sudden change in angle of attack

KATINSKY, E. A.

Optimizing linear flight vehicle stabilization systems with orthogonal filters

KATINSKY, E. A.

Application of the local momentum theory to the aerodynamic characteristics of tandem-rotor in yawed flight

KATINSKY, E. A.

Aerodynamic response for the airfoil experiencing sudden change in angle of attack

KATINSKY, E. A.

Aerodynamic response for the airfoil experiencing sudden change in angle of attack

KATINSKY, E. A.

Optimizing linear flight vehicle stabilization systems with orthogonal filters

KATINSKY, E. A.

Application of the local momentum theory to the aerodynamic characteristics of tandem-rotor in yawed flight

KATINSKY, E. A.

Aerodynamic response for the airfoil experiencing sudden change in angle of attack

KATINSKY, E. A.

Aerodynamic response for the airfoil experiencing sudden change in angle of attack

KATINSKY, E. A.

Optimizing linear flight vehicle stabilization systems with orthogonal filters

KATINSKY, E. A.

Application of the local momentum theory to the aerodynamic characteristics of tandem-rotor in yawed flight

KATINSKY, E. A.

Aerodynamic response for the airfoil experiencing sudden change in angle of attack

KATINSKY, E. A.

Optimizing linear flight vehicle stabilization systems with orthogonal filters

KATINSKY, E. A.

Application of the local momentum theory to the aerodynamic characteristics of tandem-rotor in yawed flight

KATINSKY, E. A.

Aerodynamic response for the airfoil experiencing sudden change in angle of attack

KATINSKY, E. A.

Application of the local momentum theory to the aerodynamic characteristics of tandem-rotor in yawed flight

KATINSKY, E. A.

Aerodynamic response for the airfoil experiencing sudden change in angle of attack

KATINSKY, E. A.

Optimizing linear flight vehicle stabilization systems with orthogonal filters

KATINSKY, E. A.

Application of the local momentum theory to the aerodynamic characteristics of tandem-rotor in yawed flight

KATINSKY, E. A.

Aerodynamic response for the airfoil experiencing sudden change in angle of attack

KATINSKY, E. A.

Optimizing linear flight vehicle stabilization systems with orthogonal filters

KATINSKY, E. A.

Application of the local momentum theory to the aerodynamic characteristics of tandem-rotor in yawed flight

KATINSKY, E. A.

Aerodynamic response for the airfoil experiencing sudden change in angle of attack

KATINSKY, E. A.

Optimizing linear flight vehicle stabilization systems with orthogonal filters

KATINSKY, E. A.

Application of the local momentum theory to the aerodynamic characteristics of tandem-rotor in yawed flight

KATINSKY, E. A.

Aerodynamic response for the airfoil experiencing sudden change in angle of attack

KATINSKY, E. A.

Optimizing linear flight vehicle stabilization systems with orthogonal filters

KATINSKY, E. A.

Application of the local momentum theory to the aerodynamic characteristics of tandem-rotor in yawed flight

KATINSKY, E. A.

Aerodynamic response for the airfoil experiencing sudden change in angle of attack

KATINSKY, E. A.

Optimizing linear flight vehicle stabilization systems with orthogonal filters

KATINSKY, E. A.

Application of the local momentum theory to the aerodynamic characteristics of tandem-rotor in yawed flight

KATINSKY, E. A.

Aerodynamic response for the airfoil experiencing sudden change in angle of attack

KATINSKY, E. A.

Optimizing linear flight vehicle stabilization systems with orthogonal filters

KATINSKY, E. A.

Application of the local momentum theory to the aerodynamic characteristics of tandem-rotor in yawed flight

KATINSKY, E. A.

Aerodynamic response for the airfoil experiencing sudden change in angle of attack

KATINSKY, E. A.

Optimizing linear flight vehicle stabilization systems with orthogonal filters

KATINSKY, E. A.

Application of the local momentum theory to the aerodynamic characteristics of tandem-rotor in yawed flight

KATINSKY, E. A.

Aerodynamic response for the airfoil experiencing sudden change in angle of attack

KATINSKY, E. A.

Optimizing linear flight vehicle stabilization systems with orthogonal filters

KATINSKY, E. A.

Application of the local momentum theory to the aerodynamic characteristics of tandem-rotor in yawed flight

KATINSKY, E. A.

Aerodynamic response for the airfoil experiencing sudden change in angle of attack

KATINSKY, E. A.

Optimizing linear flight vehicle stabilization systems with orthogonal filters

KATINSKY, E. A.

Application of the local momentum theory to the aerodynamic characteristics of tandem-rotor in yawed flight

KATINSKY, E. A.

Aerodynamic response for the airfoil experiencing sudden change in angle of attack

KATINSKY, E. A.

Optimizing linear flight vehicle stabilization systems with orthogonal filters

KATINSKY, E. A.

Application of the local momentum theory to the aerodynamic characteristics of tandem-rotor in yawed flight

KATINSKY, E. A.

Aerodynamic response for the airfoil experiencing sudden change in angle of attack

KATINSKY, E. A.

Optimizing linear flight vehicle stabilization systems with orthogonal filters

KATINSKY, E. A.

Application of the local momentum theory to the aerodynamic characteristics of tandem-rotor in yawed flight

KATINSKY, E. A.

Aerodynamic response for the airfoil experiencing sudden change in angle of attack

KATINSKY, E. A.

Optimizing linear flight vehicle stabilization systems with orthogonal filters

KATINSKY, E. A.

Application of the local momentum theory to the aerodynamic characteristics of tandem-rotor in yawed flight

KATINSKY, E. A.

Aerodynamic response for the airfoil experiencing sudden change in angle of attack

KATINSKY, E. A.

Optimizing linear flight vehicle stabilization systems with orthogonal filters

KATINSKY, E. A.

Application of the local momentum theory to the aerodynamic characteristics of tandem-rotor in yawed flight

KATINSKY, E. A.

Aerodynamic response for the airfoil experiencing sudden change in angle of attack

KATINSKY, E. A.

Optimizing linear flight vehicle stabilization systems with orthogonal filters

KATINSKY, E. A.

Application of the local momentum theory to the aerodynamic characteristics of tandem-rotor in yawed flight

KATINSKY, E. A.

Aerodynamic response for the airfoil experiencing sudden change in angle of attack

KATINSKY, E. A.
PERSONAL AUTHOR INDEX

KELLY, K.
KELLY, N. S.
KELSEY, J. B.
KEMP, N. B., JR.
KENP, B. H.
KENNERLIN, P. T., JR.
KENNEDY, A. P.
KENISON, B. C.
KENDRICK, B. A.
KENDRICK, J. D.
KENDALL, B. T.
KENKPE,
KENNEDY, D. A.

Ignition of fuel sprays by hot surfaces and stabilization of aircraft fires [AD-065153]
[AD-069192]
Guidance accuracy considerations for the microwave landing system L-band precision DME [NASA-TM-80104]
Roadrunner: A novel radar guidance concept [NASA-TP-1436]
Real-time estimation of aerodynamic coefficients by means of an extended Kalman filter
[AD-065153]
Transonic assessment of two-dimensional wind tunnel wall interference using measured wall pressures
[SA14D-78-2032]
V/STOL all weather HUD simulation/Status report/
[AIAA 79-1319]
Kessler, L.

Preliminary evaluation of several nondestructive-evaluation techniques for silicon nitride gas-turbine rotors

[ABP-77-89]

Kettler, J. M.
The air combat maneuvering range (ACMR), a new approach to aircr ew training

p0053 A79-13220

Kettler, D. L.
Simulation requirements for rotorcraft

p0132 A79-19666

Mission environment simulation for Army rotorcraft development: Requirements and capabilities

p0222 A79-15977

Kettler, C. M.
Rotary-wing aerodynamics. Volume 2: Performance prediction of helicopters

[ASA-CR-3083]

Khartoum, M. G.
A pneumatic distributor for the control system of a turbojet engine

p0527 A79-42574

Kharbatia, G. A.
Experimental study of the turbulent wake downstream of a fan jet

p0613 A79-48507

Khalil, R. H.
Calculation of separated boundary-layer flows

[AA-PAPER 79-0194]

Khalil, I.
Viscous flow analysis in mixed flow rotors

[ASME PAPER 78-WA/GT-3]

Khalil, R. A.
GPS multipath error model

p0777 A79-16167

Khan, T.
Applications of DS composites in aircraft gas turbines

[ONERA, TP NO. 1978-73]

Kharitonov, A. M.
Method for studying experimentally the aerodynamic interference of small secondary structures with a lifting surface

p0324 A79-29096

Khabibullin, N. G.
Transonic/supersonic longitudinal aerodynamic derivatives

p0215 A79-15911

Kho, Y. G.
Wind tunnel measurements on the interference between a jet and a wing located outside the jet. Part 1: Test setup, test setup, and data

[ML-TB-77009-00]

Kho, H. B.
Estimation of target elevation angle from 2-D radars

p0274 A79-27145

Kho, G.
The Sunship

p0195 A79-22324

Khosravani, Z. R.
Deformation of a shell under the influence of a supercritical gas flow

p0529 A79-83/374

Khosrov, M. I.
Nozzles for vectored thrust jet engines

p0603 A79-47428

Kibens, V.
Discrete noise spectrum generated by an acoustically excited jet

[AA-PAPER 78-0092]

Kida, T.
An alternative approach to the high aspect ratio wing with jet flap by matched asymptotic expansions

p0194 A79-21997

Kiddle, F. R.
Fatigue acceleration in box beams under mechanical and thermal stress (second series)

[ABC-RM-3817]

Kiddell, J. B.
Report on Modular Avionic Packaging (MAP) Industry briefing and response

[AD-A059193]

Kiemcppel, K.
Unsteady aerodynamic pressure measurements on rotating lifting systems

p0513 A79-41494

PERSONAL AUTHOR INDEX

Kienholz, T. L.
Design benefits from V/STOL control/display, simulation program at Lockheed

p0331 A79-29479

Kiehau, T. S.
High speed radar processing using CHS/SOS technology

[AA-A 79-1901]

Kilgore, B. M.
Full-scale aircraft simulation with cryogenic tunnels and status of the National Transonic Facility

[ASA-TR-800085]

Killeney, J. M.
Thermal-structural design study of an airframe-integrated scramjet

[NASA-CR-145368]

Killinger, M. H.
Scan converter and raster display controller for night vision display systems

p0655 A79-30203

Killinger, J. M.
Cloud physics observations inside hailstorms with an armed aircraft data system

p0192 A79-21560

Kilington, J.
Omeg and VLF aircraft installations

[BAE-TR-ER-BV-66]

Kim, J.
Lean, premixed, prevaporixed fuel combustor conceptual design study

[ASA-CR-159674]

Kimbry, W. B.
Overview of the C-5A Service Loads Recording Program

p0562 A79-44456

Kim, B.
Emergency position-indicating radio-beacon systems using 606 kHz band mobile-satellite service

p0112 A79-17905

Kim, B.
Emergency position-indicating radio-beacon systems using 606 kHz band mobile-satellite service

p0112 A79-17905

Kim, T.
Optimum operating techniques of two-state hypersonic gun tunnel

p0600 A79-13982

Kimmel, W. G.
Airborne video recording system

p0140 A79-17608

Kimbly, J. H.
The operational impact of Navy's first TAAP program

p0076 A79-39890

Kimbry, W. G.
Influence of liquid oscillations in fuel line on head of pump operating in regimes without reverse flow

p0068 A79-14838

Kim, C.
Analysis of the zero-lift wave drag measured on delta wings

[ABC-RM-3981]

Kim, C.
Access, fares, frequency - Effects on airport traffic

p0336 A79-29935

Kim, R. W.
Turbulence simulation mechanization for Space Shuttle Orbiter dynamics and control studies

[NASA-CR-161194]

Kim, J. Y.
The application of reinforced plastics to the airframe-integrated Scramjet

[NASA-CR-159674]

Kim, J. Y.
An armored aircraft data system

[NASA-CR-145368]

Kilgore, N. A.
Surface finishing

[NASA-CASE-BSC-12631-3]

Kielbasa, D.
Modern rigid airships as sea control escort platforms

[AA-A 79-1575]

Kilgore, J. B.
The application of reinforced plastics to the emergency repair of aircraft

p0118 A79-17965

Kilgore, D. G.
Modern rigid airships as sea control escort platforms

[AA-A 79-1575]

Kilgore, B. W.
Numerical predictions of the unsteady lift development on airfoils in a viscous fluid

p0212 A79-24216

Kilgore, J. L.
Experimental study on flow in a supersonic centrifugal impeller

[ASME PAPER 77-062]

Kilgore, J. L.
Surface finishing

[NASA-CASE-BSC-12631-3]
application of LCC models

KLOCHEVA, V. G.

KLOCHEVA, V. G.

Effects of inflow distortion profiles on fan tone

Effect of inflow distortion profiles on fan tone

Development of turbulence through non-steady
time scales

The inner regions of annular jets

Capturing and tracking performance of the
transition of the boundary-layer

Algorithms and logic for incorporating HIS tack

A new approach to helicopter rotor blade research

KNOX, J. T.

KNEAPEY, J. T.

A economic model of the manufacturers' aircraft
production and airline earnings potential,
volume 3

KNEAPSEY, J. T.

KNECEY, R. C.

Helicopter crashworthy fuel systems and their
effectiveness in preventing thermal injury

KRAUS, A.

Polar lift and drag determination during flight
tests

KRAUS, A.

KRAUS, A.

Polar lift and drag determination during flight
tests

KNIGHT, W. H., JR.

KNE Apparatus and Logic for Incorporating MLS Back
Survival Information into the NASA TCV F-737
Airplane Area Navigation System

KO, E. W.

The inner regions of annular jets

KO, E. W.

KO, E. W.

Modeling the X-Band radar augmentation system of a
high altitude supersonic target

KOBSCH, Y.

Development of turbulence through non-steady
boundary-layer

KOBYTAKA, B.

Lifting surface approach to the estimation of gust
response of finite wings

KOBYTAKA, B.

KOBYTAKA, B.

KOCH, P.

KOCHEVA, V. G.

KOCHEVA, V. G.

KOCHEVA, V. G.

KOCHEVA, V. G.

KOCHEVA, V. G.

KOCHEVA, V. G.

KOCHEVA, V. G.

KOCHEVA, V. G.

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KOCHEVA, V. G.

KOCHEVA, V. G.

KOCHEVA, V. G.

KOCHEVA, V. G.

KOCHEVA, V. G.

KOCHEVA, V. G.
Air traffic control by distributed management in a MLS environment

Design outline for a new multian MFC simulation facility at NASA Ames Research Center

An in-flight controller insensitive to parameters variation

Evaluation of an FR/CR range measurement system for VTOL landing

Transonic wing design for transport aircraft

Study of aerodynamic technology for VTOL fighter attack aircraft

Use of radio controlled models in the conceptual development of V/STOL aircraft

Stoppage and stowable jet-flap rotor concept

Dynamic behaviour and control of single-shaft closed-cycle gas turbines

Application of the method of alternating directions to the numerical analysis of the thermal states of a bladed turbine disk

Auxiliary gas turbine engines for aircraft

Nonstationarity of heat transfer in the blade cascade of an axial-flow turbine during engine start-up

Use of the method of variable directions for numerical study of the temperature states of a turbine disk with blades

Unconstrained supersonic cruise and maneuvering configuration concepts

A navigation filter for an integrated GPS/UTIDS/INS system for a tactical aircraft

Functional requirements of the interface between the NAVSTAR GPS receiver model I and the advanced inertial reference sphere, volume 2

Feasibility study of GPS-inertial navigation for helicopters and study of advanced GPS signal processing techniques, volume 3

Digital fly-by-wire flight control validation experience

Load spectrum measuring equipment. Part 1: Details of R/1 system presently used to acquire data in Wessex R/38 helicopters

Load spectrum measuring equipment. Part 2: Details of R/2 system used to acquire torque load data in Sea King helicopters

Naval validation calibration with a computer controlled avionics data acquisition system

Catalytic combustion for gas turbine applications

PERSONAL AUTHOR INDEX

KHALIL, R.

Advanced flight control actuation system (AFCAS-Z/F): Feasibility investigation of an electro/pneumatic dual power driven concept

[AD-A063992] p0025 N79-22114

KELLEY, J. G.

Air traffic control by distributed management in a MLS environment

Design outline for a new multia simulation facility at NASA Ames Research Center

KHELLEGHEIER, G.

An in-flight controller insensitive to parameters variation

[KHEL-FE-78-07] p0655 N79-30197

KRENS, D. G.

Evaluation of an FR/CR range measurement system for VTOL landing

KRENS, G.

Transonic wing design for transport aircraft

KREKSKI, B. E.

Study of aerodynamic technology for VTOL fighter attack aircraft

[KREK-CR-152129] p0034 N79-10027

KREK, R. W.

Use of radio controlled models in the conceptual development of V/STOL aircraft

[KAB PAPER 781050] p0258 N79-25915

KRETS, H.

Stoppage and stowable jet-flap rotor concept

KREY, E.

Dynamic behaviour and control of single-shaft closed-cycle gas turbines

KREICHAR, W. I.

Application of the method of alternating directions to the numerical analysis of the thermal states of a bladed turbine disk

[KREI-93-790] p0063 N79-16807

Auxiliary gas turbine engines for aircraft

[KREI-NPS-1607] p0185 N79-20672

Nonstationarity of heat transfer in the blade cascade of an axial-flow turbine during engine start-up

[KREI-93-790] p0527 N79-42572

Use of the method of variable directions for numerical study of the temperature states of a turbine disk with blades

[KREI-93-790] p0613 N79-48518

KRIEGER, R. J.

Unconstrained supersonic cruise and maneuvering configuration concepts

[KRIE PAPER 79-0220] p0314 N79-19606

KRIEGSMANN, A.

A navigation filter for an integrated GPS/UTIDS/INS system for a tactical aircraft

[KRIE-93-790] p0448 N79-36087

Functional requirements of the interface between the NAVSTAR GPS receiver model I and the advanced inertial reference sphere, volume 2

[AD-A057656] p0090 N79-12058

Feasibility study of GPS-inertial navigation for helicopters and study of advanced GPS signal processing techniques, volume 3

[AD-A057659] p0090 N79-12059

KRIEB, G. E.

Digital fly-by-wire flight control validation experience

[KRIE-93-790] p0166 N79-14109

KRIELEN, G. E.

Load spectrum measuring equipment. Part 1: Details of R/1 system presently used to acquire data in Wessex R/38 helicopters

[ABE-93-790] p0668 N79-31194

Load spectrum measuring equipment. Part 2: Details of R/2 system used to acquire torque load data in Sea King helicopters

[ABE-93-790] p0715 N79-33190

KRIELE, H.

Naval validation calibration with a computer controlled avionics data acquisition system

[KRIE-93-790] p0704 N79-32193

KRIELE, K. V.

Catalytic combustion for gas turbine applications

[ASME PAPER 79-GT-106] p0396 N79-32447

KRIEGER, J. E.

F-18 status report

P-18 status report

KRIEGER, B. C.

The Charpy impact test as a method for evaluating impact resistance of composite materials

[AD-A057967] p0098 N79-12465

KRIEGER, H. A.

Radiating laminar boundary layer flow over a flat plate at a large free-stream Mach number

[AD-A057968] p0526 N79-42989

KRIEGER, V. I.

The amplification factor in the two-dimensional interaction between a transverse sonic jet and a supersonic flow

[KRIG-93-790] p0526 N79-42565

KRIEGHEIB, B. A.

Unlocking the drive of gas distributor valves operating at high pressures

[KRIG-93-790] p0526 N79-42564

KROGER, N. A.

Full-scale wind tunnel study of nacelle shape on cooling drag

[KAI A PAPER 79-1820] p0607 N79-47900

KRULL, E. L.

Capabilities and applications of a computer program system for dynamic loads analyses of flexible airplanes with active controls /DOLYFLY/:

[AD-A057969] p0320 N79-27368

Dynamic loads analysis system (DOLYFLY) summary, Volume 1: Engineering formulation

[AD-A057970-1] p0664 N79-31144

Dynamic loads analysis system (DOLYFLY) summary, Volume 2: Supplemental system design information

[AD-A057970-1] p0665 N79-31145

Modal interpolation program, L215 (INTERP). Volume 2: Supplemental system design and maintenance document

[AD-A057970-1] p0702 N79-32164

KRON, G. J.

Notion and force cueing requirements and techniques for advanced tactical aircraft simulation

Notion and force cueing requirements and techniques for advanced tactical aircraft simulation

AD-A056691] p038 N79-23102

KROK, I.

Analytical and scale model research aimed at improving hangglider design

[AD-A057967] p0546 N79-27081

KROPPAC, G.

Processing a random loading process by computer to obtain life information

KROSCSHEY, J. J.

Polish radar developments

KROGER, G. E.

US Army aviation fatigue-related accidents, 1971 - 1977

KRISBET, A. A.

Optimum frequencies for aircraft classification

[AD-A065697] p0400 N79-24220

KRISBERG, N.

Improvement in target detection and identification

[AD-A060890] p0586 N79-28393

KRISBERG, R. J.

Recent developments in active control technology

[AD-A065697] p0567 N79-27368

KRISBERG, R. J.

Redundant strapdown navigation, guidance, and control of a control configured vehicle

[AD-A065697] p0353 N79-20016

KUBULUS, D. E.

Evaluation of a digital helicopter control system

KUBULUS, D. E.

CEBT technology applied to an airborne radar

KUBULUS, D. E.
Kublin, R. P.

Thermal characteristics of 3501-6/AS and 5208/1300 graphite epoxy composites

Kochergin, A. K.

Detached flow about an opening canopy

Kucharski, W. A.

The NASA Active Isolation/Rotor Balance System

Kudela, J.

Aerodynamic improvement of the inlet pipe of a gas turbine

Kugler, G.

The aerodynamic design of aircraft

Kuhlman, J.

Rescue helicopters in primary and secondary missions

Kuhlman, J. M.

Design, fabrication, and testing of brassboard model ATRross-based surface trilateration data acquisition subsystems (AD-A057048)

Kuhlman, J. M.

Design, fabrication, and testing of a brassboard model ATRROSS-based surface trilateration data acquisition subsystem (AD-A057043)
Influence of stator vane canting on alternating
Systems implications of active controls
Optimum operating techniques of two-state
Experimental study of the gasdynamic
Accuracy of determination of aromatic hydrocarbon
Coaxial flow noise - Isothermal flow
The thermal oxidation stability of B-3v lubricant
Dynamic stability of a flight vehicle laying out
Experimental study of the gasdynamic
A two-dimensional unsteady ruler-equation solver
Active controls in aircraft design - Executive
The feasibility of modern dirigibles
The aerial relay system - In energy-efficient
The thermal cycling endurance problems in gas-turbine
Profile of a nozzle shaping the free-molecule flow
Investigation of the profile drag and the mean and
pulsation velocities in the wake of wings by
an uncoiling line
Thermal cycling endurance problems in gas-turbine parts
The thermal oxidation stability of F-39 lubricant
Operational reliability of climate and pressure
Coaxial flow noise - Isothermal flow
Accuracy of determination of aromatic hydrocarbon content in jet fuels by the sulfuric acid method
The aerial relay system - An energy-efficient
solution to the airport congestion problem
L
La Buret, C.
The feasibility of modern dirigibles
LAROUN, D. E.
Seat/occupant crash dynamic analysis verification
p0636 179-46590
LAFARGE, W. L.
General aviation airplane structural
crashworthiness programmers manual
[FAA-AD-78-120] p0229 179-16814
LABRE, J. L.
Laser velocimeter applied to the study of circular
distortion effects in a low speed compressor
LABRUNE, E. F. C.
Guidance accuracy considerations for the microwave
landing system L-band precision one
p0621 179-48692
LAEBOUDE, E.
Research conducted by ONERA on the relationship
between the behavior and cumulative damage of
materials and structures
p0156 179-20121
LABROUZ, T. E.
The use of panel methods with a view to problems
in aircraft dynamics
[MLB-HF-77009-0] p0216 179-15516
Multi-element airfoil design by optimization
[MLB-TR-78135-0] p0703 179-32181
LABR, T.
The powered glider, S2D-45A Ogar
p0397 179-32584
LABROTHE, C.
Experimental study of the flight envelope and
research of safety requirements for hang-gliders
p0546 179-27083
LACET, D. W.
Aerodynamic characteristics of the close-coupled
canard as applied to low-to-moderate swept
wings. Volume 1: General trends
[AD-A663619] p0817 179-22057
Aerodynamic characteristics of the close-coupled
canard as applied to low-to-moderate swept
wings. Volume 2: Subsonic speed regime
[AD-A067122] p0538 179-26025
LACET, T. E.
Powered wind tunnel testing of the AF-88 - A
straightforward approach pays off
[ATAA PAPER 79-0333] p0202 179-23557
Flight demonstration of the AV-8B V/STOL concept
p0694 179-51249
LADERN, A. J.
Adverse pressure gradients effects on supersonic
boundary layer turbulence
[ATAA PAPER 79-1563] p0577 179-46730
LADSON, C. L.
A new airfoil research capability
p0359 179-20057
Review of design and operational characteristics of
the 0.3-meter transonic cryogenic tunnel
[NASA-PS-80123] p0701 179-32159
LAESSIG, R. E.
Effects of diffusion factor, aspect ratio and
solidity on overall performance of 14 compressor
middle stages
[NASA-TP-1523] p0717 179-33210
LAFOW, P.
Experimental studies of unsteady aerodynamics on
wind tunnel models of helicopter rotors
p0389 179-32295
LAFRANCE, P.
Performance of a TAP-2 hydrofoil
[AD-A065100] p0403 179-23261
LAFNER, D. L.
AC aircraft electrical systems with rare earth
permanent magnet machines
The 150 KVA samarium cobalt USCP starter generator
electrical system
[AD-A070708] p0710 179-32868
LAFAROGE, J. B.
Terrain-following radar - Key to low-altitude flight
p0620 179-48666
LAGANGE, R. L.
CN-147 ENC evaluation of selected subsystems, EMC
test report
[AETB 77-16-4] p0592 179-29170
LABOITI, G. D.
Computer-aided analysis and design of the shape
rolling process for producing turbine engine
LANE, B. E.

Aircraft [NASA-CP-159455] p0094 A79-12087

LANE, B. A.

Pilot's view of the evolving air transport p0052 A79-13085

LATONI, E. Y.

Positive tail loads for minimum induced drag of subsonic aircraft p0080 A79-16494

LAUBBENABABA, S.

An experimental study of three-dimensional turbulent boundary layer and turbulence characteristics inside a turbomachinery rotor passage [AIAA PAPER 78-GT-114] p0001 A79-10266

Turbulence characteristics in the near wake of a compressor rotor blade [AIAA PAPER 79-0260] p0260 A79-26594

Mean velocity and decay characteristics of the guidevane and stator blade wake of an axial flow compressor [AIAA PAPER 79-GT-9] p0339 A79-30507

LAMB, J. B.

Measurements in three-dimensional turbulent boundary layer on a yawed flat plate induced by leading edge vortices p0052 A79-13150

LAMB, J. E.

The analysis of engine vibrations p0552 A79-27150

LAMB, P. J.

Description and preliminary studies of a computer drawn instrument landing approach display [NASA-TN-7771] p0045 A79-11039

LANE, J. A.

Are today's specifications appropriate for tomorrow's airplanes? p0660 A79-30239

LANA, J. E.

Recent theoretical developments and experimental studies pertinent to vortex flow aerodynamics - With a view towards design p0017 A79-11549


LANE, K.

Aerodynamic characteristics at Mach numbers of 1.5, 1,8, and 2.0 of a blended wing-body configuration with and without integral canards [NASA-TN-41277] p0400 A79-29303

Pressure distributions on three different cruciform aft-tail control surfaces of a wingless missile at Mach 1.60, 2.36, and 3.70 p0547 A79-27099

LANDE, G. E.

The influence of fleet variability on crack growth tracking procedures for transport/ bomber aircraft [AD-1064569] p0563 A79-25433

LANDE, J.

Direct experimental verification of the theoretical model predicting rotor noise generation [AIAA PAPER 79-0658] p0268 A79-26894

LANEGRAF, R. K.

Development of a control wheel steering nacelle and suitable displays that reduce pilot workload and improve efficiency and safety of operation in the terminal area and in windshear [NASA 75-1867] p0573 A79-85414

LANHART, S. L.

Influence of bypass ratio on jet engine weight p0279 A79-27737

LANE, J.

The effect of oblique angle of sound incidence, realistic edge conditions, curvature and in-plane panel stresses on the noise reduction characteristics of general aviation type panels [NASA-CP-225401] p0599 A79-29558

LANE, G. L.

Operational aspects of remote sensing from aircraft [JLR-EM-77036-0] p0242 A79-17304

LANE, G. E.

Microprocessor-based digital autopilot development for the XB-70 Mini-BV p0014 A79-48608

LAPPORT, L.

STFT - Design and analysis of a fault-tolerant computer for aircraft control p0252 A79-25718

LAHU, C. E.

Ground effects on USB configurations p0091 A79-21525

Analysis of some aerodynamic characteristics due to wing-jet interaction [NASA-CP-118849] p0301 A79-18917

LANCASTER, J. W.

Feasibility design study for scale model of ZPG-X aircraft [AD-A056826] p0100 A79-13015

LANDER, G. E.

Shake oil - The answer to the jet fuel availability question [SAE PAPER 781027] p0257 A79-27590

LANDIS, R. D.

The supersonic triplet - A new aerodynamic panel singularity with directional properties [AIAA PAPER 79-0273] p0744 A79-19636

LANDY, G. A.

Derivation of flight-by-flight spectra for fighter aircraft p0563 A79-44462

LANE, A. D.

A design review of ceramic components for turbine engines [NASA PAPER 79-GT-183] p0396 A79-32442

LANE, B. G.

A unique facility for V/STOL aircraft hover testing [NASA-TP-1473] p0595 A79-25199

LANE, D. J.

Design procedure for aircrew station labeling selection and abbreviation p0656 A79-30208

LANE, N. R.

California airport monitor noise data p0774 A79-15559

LANE, J. E.

An evaluation of the bird/aircraft strike hazard at Dover Air Force Base, Delaware [AD-106797] p0230 A79-16819

LANG-NICHOLFF, G.

Designing, calculating, and manufacturing by means of data processing p0398 A79-32751

LANG, A.

Precision DME at L-band using phase-coded transmission p0555 A79-13265

LANG, J. D.

Aerodynamic characteristics of an unsteady separated flow / AIAA PAPER 79-0283] p0100 A79-19643

LANG, E.

An approach for estimating vibration characteristics of nonuniform rotor blades p0639 A79-49718

LANE, D. E.

Flying angle of attack p0025 A79-12384

LANE, B. E.

In-flight handling qualities investigation of various longitudinal short term dynamics and direct lift control combinations for flight path tracking using DFVLR FIPE 320 variable stability aircraft p0660 A79-30237

LANE, B. E.

Large wing-in-ground effect transport aircraft [NASA 79-096] p0304 A79-33830


LANGFORD, D.

Development of an airborne military system (NCA system) [GRE-TP-122-0] p0480 A79-23904

LANGBACH, X. Y.

Aircraft motion sensitivity to dynamic stability derivatives [AIAA PAPER 79-1621] p0688 A79-52546

Correlation of experimental and theoretical steady-state spinning motion for a current fighter airplane using rotation-balance aerodynamic data [AD-A350492] p0091 A79-12069

Sensitivity of aircraft spinning motion to dynamic cross-coupling and acceleration derivatives p0252 A79-25718
Aircraft motion sensitivity to variations in dynamic stability parameters

Aerodynamic characteristics of a fighter-type configuration during and beyond stall

Aircraft fire protection and rescue procedures

Aerodynamic and acoustic investigation of inverted velocity profile coaxial nozzles

Aircraft engine nozzle

Aircraft engine nozzle

Aircraft engine nozzle

Aircraft engine nozzle

Aircraft engine nozzle

Aircraft engine nozzle

Aircraft engine nozzle

Aircraft engine nozzle

Aircraft motion sensitivity to variations in dynamic stability parameters

Aerodynamic characteristics of a fighter-type configuration during and beyond stall

Aircraft fire protection and rescue procedures

Aerodynamic and acoustic investigation of inverted velocity profile coaxial nozzles
PERSONAL AUTHOR INDEX

LEAVITT, J. C.
A viscous-inviscid flow matching: Numerical method and applications to two-dimensional, transonic and supersonic flows
p0376 N79-20977

LEBOWITZ, H. A.
ARIA takeoff performance flight test program
p0846 A79-50837

LECK, E.
Gyrosopic aerodynamics: A different perspective: Description - Applications
[AIAA 79-1650] p0567 A79-45326

LECHNER, W.
Problems of onboard determination of wind relationships with optical filters
[DGMR PAPER 79-048] p0520 A79-42374

LECHT, H.
Unsteady rotor blade loading in an axial compressor with steady-state inlet distortions
p0555 N79-27176

LECKMAN, P. B.
A general aviation flight test application of the on-board computer
[SAE PAPER 790581] p0453 A79-36718

LECOURET, P.
Adaptation for the economy or adaptation for energy conservation
[AAP-WT-77-23] p0844 N79-23537

LECROY, J. C.
Ice protection systems of the Puma
p0134 A79-18684

LEDIG, A. J.
Composite forward fuselage systems integration
Volume 2 [AD-806566] p0494 N79-29368

LEDY, L. D.
Effect of spanwise blowing in the angle-of-attack regime alpha equals 0 plus 90 deg
p0512 A79-20083

LECROY, J. C.
Aerodynamic characteristics of a fighter-type transonic airfoil tunnel
p0349 A79-31491

LEE, J. D.
Analysis of plume rise from jet aircraft
[AIAA 78-0681] p0327 A79-29381

LEE, J.
Study of blade aspect ratio on a compressor front stage aerodynamic and mechanical design report
[AIAA PAPER 79-07036] p0701 N79-32153

LEE, J. C.
Ice protection systems for the 1-7, P-4, and P-14 aircraft
[AD-8070036] p0701 N79-32153

LEE, J. C.
Ice protection systems for the 1-7, P-4, and P-14 aircraft
[AD-8070036] p0701 N79-32153

LEE, J. C.
A general aviation flight test application of the on-board computer
[SAE PAPER 790581] p0453 A79-36718

LEE, J. C.
A general aviation flight test application of the on-board computer
[SAE PAPER 790581] p0453 A79-36718

LEE, J. D.
Effect of spanwise blowing in the angle-of-attack regime alpha equals 0 plus 90 deg
p0512 A79-20083

LEE, J. C.
Aerodynamic characteristics of a fighter-type transonic airfoil tunnel
p0349 A79-31491

LEE, J. D.
Analysis of plume rise from jet aircraft
[AIAA 78-0681] p0327 A79-29381

LEE, J.
Study of blade aspect ratio on a compressor front stage aerodynamic and mechanical design report
[AIAA PAPER 79-07036] p0701 N79-32153

LEE, J. C.
Ice protection systems for the 1-7, P-4, and P-14 aircraft
[AD-8070036] p0701 N79-32153

LEE, J. C.
Aerodynamic characteristics of a fighter-type transonic airfoil tunnel
p0349 A79-31491
PERSONAL AUTHOR INDEX

LEE, J. H.
Prediction of the angular response power spectral density of aircraft structures [AD-A066141] p0485 79-23956

LEE, J. W.
Repair of directionally solidified airfoil components p0211 79-24134

LEE, K.
Induced effects of lightning on an all composite aircraft p0257 79-18262

LEE, K. R.
ESP coupling to a composite aircraft p0249 79-25321

Lee, K. R.
Aircraft cable parameter study [AD-A058267] p0092 79-12077

Famil integral fuel tank sealants, part 1 [AD-A067889] p0085 79-26829

LEE, L.

LEE, P. H.
A user's manual for a computer program to generate fatigue spectrum loading sequences [AD-A065288] p0668 79-31198

LEE, P. S.
Information distribution in distributed microprocessor based flight control systems p0570 79-14978

Simulation of distributed microprocessor-based flight control systems p0509 79-40664

LEE, R. A.
Community noise exposure resulting from aircraft operations. Volume 6: Acoustic data on Navy aircraft [AD-A056217] p0050 79-11566

LEE, R. S.
Optimum tail fairings for bodies of revolution [AD-A067927] p0539 79-26031

LEE, W. E.

NOVA-25, a stiffened panel extension of the NOVA-2 computer program [AD-A066038] p0484 79-23951

LEE, W. S.
Surface finishing [NASA-CST-52C-12631-3] p0385 79-21183

LEE, Y. C.
Design of a multi-microprocessor system for real-time aircraft simulation p0599 79-29800

LEFHYRE, A. H.
Weak extinction limits of turbulent flowing mixtures [ASEE PAPER 78-GT-144] p0010 79-10798

Ignition/stabilization/atomization - Alternative fuels in gas turbine combustors p0051 79-12982

Combustion in the gas turbine, parts 1, 2, 3 p0307 79-19366

Fuel injection p0308 79-19368

Diffusers for gas turbine combustion systems p0208 79-19369

Ignition in the gas turbine p0308 79-19372

Control of air pollution from aircraft and aircraft engines p0308 79-19376

Ignition of fuel sprays by hot surfaces and stabilization of aircraft fires [AD-A065153] p0451 79-23811

LEFFERT, G.
The future of surveillance systems in civil aviation p0247 79-29800

LEFFERTS, R. E.
An evaluation of certain selected modifications to the national airspace system binodal tracking algorithm [AD-A072084] p0720 79-33376

LEFQUIST, N.
AT-AWOS and AUTOB - An update

LEHRSKI, J. W., JR.
Automating prevailing visibility p0192 79-21920

LEGHAD, A.
The European helicopter industry and cooperation p0346 79-31888

LEGHARD, N.
Man-machine interface p0055 79-13250

LEGHED, J. I.
Reliability growth on B-52 FLIR system p0248 79-24958

LEHANN, B.
The multiple application core engine - Sizing and usage criteria [AIAA PAPER 79-1123] p0466 79-38953

LEHANN, R. E.
Analysis of the impact of the use of broad specification fuels on combustors for commercial aircraft gas turbine engines [AIAA PAPER 79-1195] p0468 79-38980

LEITZER, R.
Multivariable control altitude demonstration on the Y700 turbofan engine p0475 79-39814

Multivariable control altitude demonstration on the Y700 turbofan engine [NASA-TM-79183] p0497 79-25015

LEJNSKI, R.
The M-15-aircraft (samolot M-15) p0090 79-12063

LEJNSKI, R.
Qualification tests for helicopters to be used on board ships [MIL-R-78032-0] p0706 79-32204

LEJNDSB, G.
Identification and dual adaptive control of a turbojet engine p0462 79-23257

LEJNDSB, G. G.
A sensitivity analysis for the F100 turbomfan engine using the multivariable Nyquist array p0207 79-23797

LEKODIS, S. G.
Stability of three-dimensional compressible boundary layers over wings with suction [AIAA PAPER 79-0265] p0104 79-19631

The stability of the boundary layer on a swept wing with wall cooling [AIAA PAPER 79-1495] p0574 79-66692

LELANGE, A.
Aeroacoustic characterization of free jets [CEPRA, TP NO. 1978-147] p0127 79-18534

LEHNE, L.
Effect of CFRR technology on structural design and fatigue behavior of modern fighter aircraft [DUKL PAPER 78-179] p0151 79-20020

LEMORE, B. E.
Agricultural helicopters [ARS 79-60] p0638 79-19064

Vibratory ice protection for helicopter rotor blades [AD-057529] p0045 79-11038

System design requirements for advanced rotary-wing agricultural aircraft [NASA-CR-156930] p0541 79-26046

LEPBAM, D. T.
Turbine design system [AD-066092] p0487 79-23974

LEING, J.
Validation of scramjet exhaust simulation technique at Mach 6 [NASA-CR-3003] p0363 79-21040

LEINS, H.

LENSCHOW, D. H.
The status of air motion measurements on NCAI aircraft p0193 79-21973

LENSKI, J. W., JR.
Structural stiffening of transmission housings with metal matrix materials [AIAA 79-0086] p0283 79-20287

Self-contained grease lubrication systems for aircraft applications [ARS 79-39] p0631 79-49091

Composites for noise reduction p0695 79-53891
LEONG, P. J.

LEONG, P. J.
Digital simulation of a three-phase generator p0616 A79-48618

LEPOULTRE, M.
The two dimensional anemometric probe [AAAP-W7-09-09] p0400 A79-23116

LESCIENK, L. B.
Aviation centrifugal pump equipment /2nd revised and enlarged edition/ p0346 A79-31902

LESCIENK, B.
Evaluation of a Low Fidelity Simulator (LFS) for instrument training [AD-A058129] p0096 A79-12102

LEUTHEUSER, D. B.
Development of smart target for simulation of one-on-one air-to-air combat [AD-A056739] p0295 A79-17879

LEVEE, R. J.
Aircraft hydraulic systems dynamic analysis [AD-A067595] p0559 A79-27319

LEWIS, J. W.
Design implications of recent gearbox noise and vibration studies Rating helicopter noise p0135 A79-18688
The influence of the noise environment on crew communications p0041 A79-10860

LEVIT, V. A.
Theoretical and experimental investigation of the aerodynamic characteristics of three-dimensional bodies p0528 A79-83166

LEVIT, A. B.
Development of a 'no adjustment' turboshaft engine control system [AHS 78-42] p0632 A79-89994

LEVIT, L. S.
A practical approach to helicopter internal noise prediction p0041 A79-10857

LEVITZ, P. B.
Automated OMEGA/VLF monitoring and forecasting for air traffic safety enhancement - A progress report p0077 A79-16646

LEVINSKY, R. S.
Supercritical tests of a self-optimizing, variable-Camber wind tunnel model p0357 A79-20048

LEVITT, E. B.
Integrated Thermal Avionics Design (ITAD) [AD-A061227] p0252 A79-17855

LEVITT, K. N.
SIFT - Design and analysis of a fault-tolerant integrated Thermal Avionics Design (ITAE) p0332 A79-17855

LEVINE, P. H.
A refined prediction method for supersonic unsteady aerodynamics with AIC partition scheme [AIAA 79-0770] p0321 A79-29023

LEVINE, A. B.
Theoretical and experimental investigation of self-optimizing, variable-Camber wind tunnel model p0357 A79-20048

LEVITE, E. B.
Integrated Thermal Avionics Design (ITAD) [AD-A061227] p0252 A79-17855

LEVITT, E. B.
SIFT - Design and analysis of a fault-tolerant computer for aircraft control p0252 A79-25718

LEVY, L. L.
On turbulence modeling for unsteady transonic flows [AIAA PAPER 79-0071] p0201 A79-23542

LEWENDOHR, J. M.
Flight test techniques for a transonic aircraft p0377 A79-20597

LEWIS, A.
Future aviation fuels fuel suppliers views p0106 A79-13194

LEWIS, C. H.
Parabolized Navier-Stokes solutions for hypersonic viscous flows over blunt cones at large angles of attack p0335 A79-29906

LEWIS, C. J. G.
Helmet mounted display and sight development [AHS 79-17] p0628 A79-49070

LEWIS, D. R.
Changing criteria in military aircraft design /The 67th Wilbur and Orville Wright Memorial Lecture/ p0335 A79-28432

LEWIS, E. L.
An innovative technique for static and dynamic Y/TOL testing [AIAA PAPER 79-0067] p0140 A79-19516

LEWIS, R. A.
Aerospace structural dynamics analysis [AD-A057787] p0049 A79-18165

LEWIS, G. N.
Turbo-fan design for general aviation - The evolution of the RB-401 [AIAA PAPER 79-1160] p0047 A79-38966

LEWIS, R. A.
Electromechanical actuation development [AD-A065734] p0438 A79-23101

LEWIS, R. S.
U. S. Army helicopter technology initiatives p0133 A79-18671

LEWIS, R. S.
A feasibility study for development of structural aluminum alloys from rapidly solidified powders for aerospace structural applications [AIAA-PAPER-79-028] p0238 A79-16958

LEWIS, N. J.
Restrictive assumptions and range of validity of Schlichting's cascade analysis p0382 A79-21058

LEWIS, W.

LEWIS, W. J.
Aerodynamic modeling of supersonic unsteady aerodynamics with AIC partition scheme [AIAA 79-0770] p0321 A79-29023

LEWIS, J. G.
Design maneuver loads for an airplane with an active control system p0323 A79-29049

LEWIS, B.
Fuel conservative subsonic transport [AIAA PAPER 79-0057] p0041 A79-10857

LEWIS, B.
Enhanced computer for aircraft control p0252 A79-25718

LEWIS, B.
On turbulence modeling for unsteady transonic flows [AIAA PAPER 79-0071] p0201 A79-23542

LEWIS, B.
Method to predict rotor noise generation [AIAA PAPER 79-0658] p0268 A79-26984

LEWIS, B.
Fatigue of helicopters: Service life evaluation method p0434 A79-23079

LEWIS, B.
Generation and breakdown of aerodynamic lift: Physical mechanisms p0479 A79-23894

LEWIS, G. A.
Concept of modular software for the stepwise construction of radar data processing systems with minicomputers, taking into account as example the Airtrack System p0265 A79-26759

LEWIS, L. S.
Transonic 3-D flow analysis of compressor cascade with splitter vanes [AD-A057504] p0044 A79-11004

LEWIS, C. B.

LEWIS, C. B.
Low-cycle fatigue of thermal-barrier coatings at 982 deg C [NASA-TP-1322] p0102 A79-13046

LEWIS, C. B.

LEWIS, C. B.
Industry tests of NASA ceramic thermal barrier coating [NASA-TP-1425] p0048 A79-25023

LEWIS, F. M.
A report on the Sperry Dome Radar p0637 A79-69567
A method for the calculation of 3D boundary layers on practical wing configurations

An alternating direction explicit method for computing three-dimensional viscous flow fields in turbomachines

A simple fluid-flow model of ground effect on hovering

A complex fluid-flow model of ground effect on hovering

Future tactical fighter requirements - A propulsion technology update

On global optimal sailplane flight strategy

Aeromechanics

An investigation into the noise interference problems at Logan Airport, Boston

Advanced computer technology in aerodynamics.

Laboratory simulation of swept lightning strokes

An investigation into the noise interference problems at Logan Airport, Boston

A Navy plan for the development of a practical -

An investigation into the noise interference problems at Logan Airport, Boston

Scenarios

Aerodynamic excitation forces of blade vibrations in axial turbomachinery as a result of interference from nearby cascades

A method for the calculation of 3D boundary layers on practical wing configurations

Factors influencing the accuracy of aerodynamic hinge-moment prediction

A simple fluid-flow model of ground effect on hovering

On global optimal sailplane flight strategy

An investigation into the noise interference problems at Logan Airport, Boston

A new aircraft technology and its impact on the airport - An airline viewpoint

A method for the calculation of 3D boundary layers on practical wing configurations

Factors influencing the accuracy of aerodynamic hinge-moment prediction

An investigation into the noise interference problems at Logan Airport, Boston

A new aircraft technology and its impact on the airport - An airline viewpoint

A method for the calculation of 3D boundary layers on practical wing configurations
Inertial navigation - a historical account with a description of a modern system

Lloyd, A. J. P.
(Lloyd, A. J. P.)

Integration of air cushion landing system technology into the JIMIVIVK remotely piloted vehicle

[AD-4058004]
p0092 597-12075

Lhenick, R.
(Proc. of American Society for Testing and Materials)

New paths for the development of aircraft equipment opened up by the use of modern computer technology

p0533 597-93501

Lobanovskii, I. O.
(NASA-TR-158851)

Choice of optimal parameters for a heat exchanger with heat pipes for a gas turbine engine

p0526 597-42552

Lokay, V. L.
(Proceedings of the Institute of Navigation)

On calculating the temperature state of filo-cylindrical tunnels

p0068 597-14849

Method for digital computer calculation of unsteady temperature fields in turbine blades

p0280 597-27746

Computer calculation of steady-state temperature fields in air-cooled turbine blade designs

p0526 597-42551

Computer calculation of steady-state temperature fields in cooled turbine disks

p0524 597-42553

Gas turbines for flight vehicle engines: Theory, design, and calculation (Third revision and enlarged edition)

p0644 597-50421

Heat transfer over the initial section of turbine blade cooling channels under conditions of rotation

p0689 597-52608

Loker, A.
(NASA-CR-158851)

Aircraft engine driven accessory shaft coupling improvements using high-strength nonmetallic adapter/bushings

p0485 597-23952

Loktev, B. B.
(AIAA PAPER 78-236)

Study of some characteristics of aircraft rotor operation on the basis of a numerical experiment

p0342 597-30690

Nonlinear mathematical simulation of unsteady flow past a helicopter rotor

p0513 597-41573

A study of some characteristics of the operation of a lifting propeller by numerical experiment

p0649 597-53728

Lombard, C. A.
(USDRO PAPER 72-101)

Directionally solidified blades - Greater strength

p0449 597-36248

Long, J. A.
(Proceedings of the Institute of Navigation)

The production and function of airframe cost estimation

p0485 597-23952

Long, W. S.
(NASA-CP-158851)

Study of some characteristics of the operation of a lifting propeller by numerical experiment

p0342 597-30690

Loomis, T. V.
(Reprinted from the Journal of the Franklin Institute)

An analysis of radio navigation sensor accuracy associated with area navigation (RNAV)

[AD-4058584]
p0008 597-12055

Loomis, P. J.
(Proceedings of the Institute of Navigation)

N Inertial reference systems for USAF aircraft through the year 2000

p0076 597-16159

Lorand, R.
(Proceedings of the Institute of Navigation)

Progress on Variable Cycle Engines

[AD-4065298]
p0433 597-23069

Lorand, B. S.
(Proceedings of the Institute of Navigation)

Three-dimensional lifting-surface theory for an annular blade row
A study of inlet conditions for three-dimensional transonic compressor flows
([ASME PAPER 79-GT-182])

Supercritical wing design using numerical optimization and comparisons with experiment
([AIAA PAPER 79-0065])

Analysis of a theoretically optimized transonic airfoil
([NASA-CR-3065])

Water tunnel visualization of the vortex flows of the P-15
([AIAA 79-1669])

A rotor flow visualization study of the P-15
([NASA-CR-144878])

Active external store flutter suppression in the YP-17 flutter model
On single-degree-of-freedom flutter induced by activated controls

Intake design and intake/airframe integration for a post-stall fighter aircraft concept
[AIAA PAPER 79-0223]

Hybrid packaging of integrated circuits for engine control
[AD-A062125]

Aerodynamics and heat transfer of transonic Wulff blades at off-design angles of incidence

The effect of different can designs on Mark 7 Mod 1 arresting gear performance
([AD-A051486])

Propulsion cycle and configuration commonality considerations for subsonic V/STOL design
([ASME PAPER 78-GT-88])

Aircraft wake vortex characteristics from data measured at John F. Kennedy International Airport
([AD-A055059])

Configuration development study of the X-24C hypersonic research airplane
[NASA-CP-145278]

New materials for future commercial aircraft
([AIAA PAPER 79-1804])

Evaluation of a long-endurance-surveillance remotely-piloted vehicle with and without laminar flow control
([NASA-CR-159006])

Design and development of the Agusta A 109 helicopter

Some aspects of helicopter communications
([AIAA 79-19647])

An alternative to pseudo-tone microphones for airframe flyover noise testing
An airborne reference noise source for studying airframe flyover noise propagation and measurement
([AIAA PAPER 79-0650])

Effect of a chromium-containing fuel additive on hot corrosion

A study of structural concepts for low radar cross section /LRCS/ fuselage configurations

Optical in situ versus probe measurements of nitric oxide concentration as a function of axial position in a combustor exhaust

Future advanced technology rotorcraft

Research on visual display integration for advanced fighter aircraft
([AD-6069605])

Recent advances in the solution of three-dimensional flow over wings with leading edge vortex separation

Simplified calculation method for subsonic airloads on wing-body combinations

Characteristics of aeroelastic instabilities in turbochassisy - NASA full scale engine test results
([AIAA 79-7011])

Experimental evaluation of the effect of inlet distortion on compressor blade vibrations
Characteristics of aeroelastic instabilities in turbochassisy - NASA full scale engine test results

Engine-aircraft afterbody interactions - Recommended testing techniques based on YP-17 experience

The ILS glidepath - New designs for severe sites

Fewer controls, easier inspection - Diffusion bonding shows cost advantages

Establishment of manufacturing method and technology for the fabrication of helicopter main rotor blade spars by continuous seam diffusion bonding titanium sheet material
[AD-A067329]

Investigation of the use of ceramic material in aircraft engine bearings
([AD-A070631])

Investigation of the use of ceramic material in aircraft engine bearings

Longitudinal dynamic stability of a hovering helicopter with a sling load

Recent theoretical developments and experimental studies pertinent to vortex flow aerodynamics - With a view towards design

Subsonic longitudinal and lateral aerodynamic characteristics for a systematics series of strake-wing configurations
([NASA-TM-16642])

Flow visualization studies of a general research fighter model employing a strake-wing concept at subsonic speeds
([NASA-TM-80057])

Real time compression of video signals
LUDWIG, C. B.


LUDWIG, C. B.

LUDWIG, G. B.

LUDWIG, I. P.

LDEBS,'A. B.

LUEBICK!, B. H.

LUIDEIS, R. 1.

LUBTJBBING, G.

LUEBS, J.

LDEUR, L. H.

LUKASHEVICH, A. B.

LUJBTIC, V. J.

LUWDUBEN, D. A.

LUND, J. N.

LUNCHIE, G. C.

LUFF, S.


LDEBS,'A. B.

LUEBICK!, B. H.

LUIDEIS, R. 1.

LUBTJBBING, G.

LUEBS, J.

LDEUR, L. H.

LUKASHEVICH, A. B.

LUJBTIC, V. J.

LUWDUBEN, D. A.

LUND, J. N.

LUNCHIE, G. C.

LUFF, S.


LDEBS,'A. B.

LUEBICK!, B. H.

LUIDEIS, R. 1.

LUBTJBBING, G.

LUEBS, J.

LDEUR, L. H.

LUKASHEVICH, A. B.

LUJBTIC, V. J.

LUWDUBEN, D. A.

LUND, J. N.

LUNCHIE, G. C.

LUFF, S.


LDEBS,'A. B.

LUEBICK!, B. H.

LUIDEIS, R. 1.

LUBTJBBING, G.

LUEBS, J.

LDEUR, L. H.

LUKASHEVICH, A. B.

LUJBTIC, V. J.

LUWDUBEN, D. A.

LUND, J. N.

LUNCHIE, G. C.

LUFF, S.


LDEBS,'A. B.

LUEBICK!, B. H.

LUIDEIS, R. 1.

LUBTJBBING, G.

LUEBS, J.

LDEUR, L. H.

LUKASHEVICH, A. B.

LUJBTIC, V. J.

LUWDUBEN, D. A.

LUND, J. N.

LUNCHIE, G. C.

LUFF, S.


LDEBS,'A. B.

LUEBICK!, B. H.

LUIDEIS, R. 1.

LUBTJBBING, G.

LUEBS, J.

LDEUR, L. H.

LUKASHEVICH, A. B.

LUJBTIC, V. J.

LUWDUBEN, D. A.

LUND, J. N.

LUNCHIE, G. C.

LUFF, S.


LDEBS,'A. B.

LUEBICK!, B. H.

LUIDEIS, R. 1.

LUBTJBBING, G.

LUEBS, J.

LDEUR, L. H.

LUKASHEVICH, A. B.

LUJBTIC, V. J.

LUWDUBEN, D. A.

LUND, J. N.

LUNCHIE, G. C.

LUFF, S.


LDEBS,'A. B.

LUEBICK!, B. H.

LUIDEIS, R. 1.

LUBTJBBING, G.

LUEBS, J.

LDEUR, L. H.

LUKASHEVICH, A. B.

LUJBTIC, V. J.

LUWDUBEN, D. A.

LUND, J. N.

LUNCHIE, G. C.

LUFF, S.


LDEBS,'A. B.
PERSONAL AUTHOR INDEX

HAABE, R. A.
Experimental investigation of the aerodynamic characteristics of a wing in a jet flow [NLR-TR-77081-0] p0703 N79-32177

HABER, J. P.
The use of sound absorbing walls to reduce dynamic interference in wind tunnels [J11050] p0105 N79-13662
Some remarks on the design of transonic tunnels with low levels of flow unsteadiness [NASA-TR-2722] p0500 N79-25039

HABEY, J. B.
Fuel tank survivability for hydrodynamic ram induced by high velocity fragments. Part 2: Numerical analyses p0669 N79-31200

HABROUX, C. D.
Dayton aircraft cabin fire model validation, phase 1 [AD-055857] p0089 N79-12550

HACKL, E. L.
Thermal influences in gas turbine transients - Effects of changes in compressor characteristics [IAE PW 79-CT-143] p0394 A79-32409

HACCHAD, P.
A case study in design - The Gossamer Condor p0460 A79-37050

HACDONALD, B. I.
Full scale ground and air resonance testing of the Army-Boeing Vertol Bearingless Main Rotor [AVS-79-23] p0629 A79-49075

HACHT, F. C.
Cargo/Logistics Aircraft System Study (CIAASS), volume 1 [NASA-TR-158915] p0289 N79-17822
Cargo/Logistics Aircraft System Study (CIAASS), volume 2 [NASA-TR-158916] p0289 N79-17823
Cargo/Logistics Aircraft System Study (CIAASS), executive summary [NASA-TR-158905] p0289 N79-17824

HACFARLAND, J. J.
Future fuels for aviation p0106 N79-13193
The role of fundamental combustion in the future aviation fuels program p0107 N79-13195

HAGEE, I. N.
Improving turbine efficiency [IAE PW 78-CT-176] p0395 A79-32436
The role of three-dimensional flow analysis in the design of turbomachinery [IAE PW 79-CT-1231] p0470 A79-38995

HAGEN, J. P.
An operational research investigation of the ice-detection capability and utility of the surface condition analyzer (SCAN) system and its applicability to Mary-wide use [AD-067714] p0539 N79-26037

HAGEN, J. C.
Advances in design and testing of helicopter drive systems [IAE PW 78-1040] p0258 A79-25998

HAGEN, B. A.
On the stability of the boundary layer on a transonic swept wing [IAE PW 79-0261] p0203 A79-23563

HAGEN, R. B.
Aerodynamics of spoiler control devices [IAE PW 79-1873] p0610 A79-47925

HAGEN, R. J.
Some effects of applying sonic boom minimization to supersonic cruise aircraft design [IAE PW 79-0652] p0270 A79-26527

HACK, L. L.
Fatigue crack propagation rate at low delta-K of two aluminum sheet alloys, 2024-T3 and 7075-T6 p0316 A79-28885

HACKER, D.
An automated procedure for computing the three-dimensional transonic flow over wing-body combinations, including viscous effects. Volume 2: Program user's manual and code description [AD-0408998] p0087 N79-12027

HACKER, C. M.
Test evaluation of phase III Bendix basic narrow and small community time reference scanning beam microwave landing system [FAA-TO-78-127] p0231 N79-16829

HACKER, H. J.
Factors influencing nacelle design on the 747 [IAE PW 79-1236] p0470 A79-38996

HACKER, B. G.
A new technique to compute installed jet engine thrust - Applications to trimming for economic and operational benefits [NASA-TR-79-1010] p0328 A79-29385

HACKEL, T. L.

HACKRODT, P.-A.

HACKELLAR, W. L.
J85-CAR-15 compressor stall and flameout investigation p0464 A79-50441

HACKENBERGER, R. G.
Oxidation of hydrazine in aqueous solutions [AD-058239] p0097 N79-12242

HADAY, C. J.
Topics in fluid film bearing and rotor bearing system design and optimization; Proceedings of the Design Engineering Conference, Chicago, Ill., April 17-20, 1978 p0075 A79-16010

HADDON, D. W.
Potential applications of advanced aircraft in developing countries [NASA-TR-80133] p0581 N79-28158

HADLOW, D. J.
The RSPA Active Isolation/Rotor Balance System p0130 A79-18654

HADDOL, A. E.
In-flight captive store loads compared with wind-tunnel and mathematical simulations p0407 A79-39595
In-flight measurements of captive loads on a store as compared with wind tunnel and mathematical simulations [AD-106096J] p0228 A79-16806

HADE, H.
Lifting surface approach to the estimation of gust response of finite wings p0407 A79-39596

HADEJA, P. J.
The SX 1105, an integrated Transit/Omega navigator p0448 A79-36072

HADEK, E.
Initial results of a porous plug nozzle for supersonic jet noise suppression [NASA-TR-78062] p0108 N79-13820

HADEG, V. A.
Aerodynamic improvement of the inlet pipe of a gas turbine p0526 A79-02560

HAGEDORN, J. F.
IV-15 flight test results compared with design goals [IAE PW 79-1839] p0634 A79-49336

B-101
PERSONAL AUTHOR INDEX

BAGGITY, L.
Future fuels in gas turbine engines
p0051 A79-12979

BAGLIERI, D. J.
The effect of operations on the ground noise footprints associated with a large multibladed, nonhanging helicopter
p0002 W79-10851

MAGLIERI, D. J.
Trends in Langley helicopter noise research
p0002 W79-10863

MAGLIERI, D. J.
Preliminary noise tradeoff study of a Mach 2.7 cruise aircraft

MAGLIERI, D. J.
Noise and performance calibration study of a Mach 2.2 supersonic cruise aircraft

MAGLIERI, D. J.
Status of knowledge of sonic booms
p0651 W79-24955

MAGLIERI, D. J.
Jet noise and performance comparison study of a Mach 2.5 supersonic cruise aircraft
[NASA-TM-80094] p0589 W79-28902

MAGUS, R.
Calculation of the planar supercritical flow over a NASA supercritical profile
[NASA-CS-111888] p0215 W79-15904

MAGUS, R. J.
Transonic flow over the NASA 64A006 with an oscillating flap-calculations based on the Euler equations
p0353 W79-20007

MAGUSUSOR, R. E.
High speed bird impact testing of aircraft transparencies
[AD-A078014] p0713 W79-33173

MABBE, S. L.
A multi microprocessor flight control system design principles
[AIAA 79-1700] p0569 A79-05355

MABBE, S. L.
A multi microprocessor flight control system - Architectural concepts
[AIAA 79-1925] p0698 A79-54392

MABEY, G.
Interior results of DASS/ATCBS electromagnetic compatibility testing
[AD-A072067] p0710 W79-32418

MAY, R.
A low-frequency aeroelastic element method and its application to the harmonic gust response analysis of a flexible airplane
p0190 A79-21475

MAIKANE, G.
Geometry and coordinate conversion for position determination of aircraft
p0357 A79-32581

MAKIKOE, R. J.
Grating lobe control in limited scan arrays
p0137 A79-18714

MAINE, R. E.
Considerations in the analysis of flight test maneuvers
p0685 A79-50433

MAINE, R. E.
Important factors in the maximum likelihood analysis of flight test maneuvers
p0425 W79-22113

MAKOSOV, A. V.
Engineer's handbook of flight and radio equipment of airplanes and helicopters
p0345 A79-31886

MAJCH, E.
Wave propagation in ducts using the finite element method
[AIAA PAPER 79-0659] p0267 A79-26879

MAJCH, E.
Applications of velocity potential function to acoustic duct propagation and radiation from inlets using finite element theory

MAJCH, E.
Application of finite element techniques in predicting the acoustic properties of turbofan inlets
p0375 W79-20831

MAKINBRO, J. G.
Optimal excitation of amplitude-directivity-finder antennas operating on the basis of the comparison method
p0411 A79-35502

MANKINOV, A. I.
Method for studying experimentally the aerodynamic interference of small secondary structures with a lifting surface
p0411 A79-35502

B-102
PERSONAL AUTHOR INDEX

MAZZAVT, N. S.

NCARDLB, J. G.

MCADANS, P. U.

MANOR, J. N.

MAZOUN, F. J.

MAYO, V. T..., JR.

MCALLISTER, J. D.

MAZUN, N. J.

MAZHUI, I. I.

NAYS, J. C.

HAYFIELD, J.

MATENJAK, N. J.

MATER, I. C.

MAYBE, N. J.

MAYAN, N. N.

MAYLAND, A.

McFARLAND, H. J.

FAYLB, J. N.

KRAUS, J. W.

KRAUS, J. W.

KRAUS, J. W.

KRAUS, J. W.

KRAUS, J. W.

KRAUS, J. W.

KRAUS, J. W.

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KRAUS, J. W.

KRAUS, J. W.
<table>
<thead>
<tr>
<th>Author</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>McCORMICK, J. E.</td>
<td>Flight refuelling and the world of the eighties</td>
</tr>
<tr>
<td>MCCORMICK, R. A.</td>
<td>The analysis and identification of flux-induced voltage transients on aircraft</td>
</tr>
<tr>
<td>MCEWAN, O.</td>
<td>The estimation of induced-voltage peak magnitude and energy level under LTA/EMP excitation of low-loss aircraft cable</td>
</tr>
<tr>
<td>MCCRETTE, G. A.</td>
<td>Design and development of a hybrid composite rotor blade for the circulation control rotor system</td>
</tr>
<tr>
<td>MCCREMLIN, D. P.</td>
<td>Damage-tolerant design of the TUN-61A main rotor system</td>
</tr>
<tr>
<td>MCCRENN, J.</td>
<td>Impact of advanced technologies on aircraft design</td>
</tr>
<tr>
<td>McCROY, R. B.</td>
<td>Early identification of high-maintenance helicopters</td>
</tr>
<tr>
<td>MCCULLOUGH, D.</td>
<td>A new light twin using bonded metal construction</td>
</tr>
<tr>
<td>MCCURDY, O. A.</td>
<td>The future - ARTS III</td>
</tr>
<tr>
<td>McCLELLAND, R. L.</td>
<td>Bonding and durability</td>
</tr>
<tr>
<td>MCCLENDY, N. A.</td>
<td>An advanced guidance and control system for rescue helicopters</td>
</tr>
<tr>
<td>MCCLEN'TY, J. P.</td>
<td>Escape system trajectory sensitivity analysis</td>
</tr>
<tr>
<td>MCCLENDON, D. P.</td>
<td>Build 1 of an accelerated mission test of a TP41 with block 76 hardware</td>
</tr>
<tr>
<td>MCCHEW, C.</td>
<td>A computer-aided design method for axial flow pumps and fans</td>
</tr>
<tr>
<td>MCFADDEN, G. B.</td>
<td>An artificial viscosity method for the design of supercritical airfoils</td>
</tr>
<tr>
<td>MCGATIN, N. B.</td>
<td>A small aircraft gust-probe system for studies of boundary layer convectics and transport</td>
</tr>
<tr>
<td>MCGEE, L. A.</td>
<td>Evaluation of the navigation performance of shipboard-VTOL-landing guidance systems</td>
</tr>
<tr>
<td>MCGEE, R. L.</td>
<td>The F/A-18 challenge - Readiness and low total cost</td>
</tr>
<tr>
<td>MCGEE, N. J.</td>
<td>Improvements to the FATAL computer program</td>
</tr>
<tr>
<td>MCGOBBAN, P. N.</td>
<td>Leading-edge slat optimization for maximum airfoil lift</td>
</tr>
<tr>
<td>MCGUGAN, J. E.</td>
<td>Applicability of fiber optics to aircraft fire detection systems</td>
</tr>
<tr>
<td>MCGUIR, E. D.</td>
<td>F-15 flight simulator: Development and analysis of computer scoring algorithm</td>
</tr>
<tr>
<td>MCGUIN, A. C.</td>
<td>The application of a design verification system</td>
</tr>
<tr>
<td>MCGUIN, H. V.</td>
<td>The approach to crew protection in the crash environment</td>
</tr>
<tr>
<td>MCGIBSON, B. D.</td>
<td>Advanced Simulor for Pilot Training (ASPT): Aerial refueling visual simulation-engineering</td>
</tr>
<tr>
<td>MCGIBN, J.</td>
<td>Further test results with the airjet distortion generator</td>
</tr>
<tr>
<td>MCGIBN, J. R.</td>
<td>Planning the development and qualification process for the next generation of high technology</td>
</tr>
<tr>
<td>MCGIBN, J. C.</td>
<td>The 1+1 system of jack movements for the flexible liners of supersonic wind tunnels</td>
</tr>
<tr>
<td>MCGIBN, J. C.</td>
<td>A comparison of temperatures and winds reported by the Concord SST with data obtained from</td>
</tr>
<tr>
<td>MCGIBN, L. B.</td>
<td>Data collection and reporting method</td>
</tr>
<tr>
<td>MCGIBN, L. E.</td>
<td>Environmental synergism and simulation in resin matrix composites</td>
</tr>
<tr>
<td>MCGIBN, R. G.</td>
<td>Smoke hazards from aircraft materials</td>
</tr>
<tr>
<td>MCGIBN, R. H.</td>
<td>Characterizing expansive soils for airport</td>
</tr>
</tbody>
</table>
ECHELLIP, S. W.

The use of 3-D finite element analysis in the design of helicopter mechanical components [AD-A0527765].

ECHELLIP, S. W.

The use of 3-D finite element analysis in the design of helicopter mechanical components [AD-A0527765].

ECHEVERRI, L. D.

Time-phased development methodology - The key for reliable engines in future military aircraft weapon systems [AD-A0527765].

ECHELIA, J. E.

On the application of certain statistical methods to wind-tunnel testing [AR-Ch-1390].

ECHERLA, R. R.

Concise in service.

ECHELLE, G. A.

Economy in flight operations.

ECHERLE, D.

Development of a compact gas turbine combustor to give extended life and acceptable exhaust emissions [AD-A0527765].

ECLALE, K. L.

Cold-air performance of free power turbine designed for 112-kilowatt automotive gas-turbine engine 3: Effect of static vanes on performance [NASA-CP-78-10956].

ECLALIE, K. L.

Cold-air performance of free power turbine designed for 112-kilowatt automotive gas-turbine engine 3: Effect of static vanes on performance [NASA-CP-78-10956].

ECLEAF, T. T.

Program to calculate three-dimensional structural design flight maneuver loads using FDD-10 flight dynamics model [NASA-CP-78-10956].

ECLEFF, A.

Finite element dynamic analysis of production aircraft.

ECLEL, A. F.

Brittle materials design, high temperature gas turbine: Ceramic turbine rotor technology [NASA-CP-78-10956].

ECLEL, J. C., Jr.

Safety hazard of aircraft icing.

ECLEL, J. D.

Fuel-conservative guidance system for powered-lift aircraft [NASA-CP-78-10956].

Computer program to calculate three-dimensional boundary layer flow over wings with wall mass transfer [NASA-CP-78-10956].

Fuel-conservative guidance system for powered-lift aircraft [NASA-CP-78-10956].

Fuel-conservative guidance system for powered-lift aircraft [NASA-CP-78-10956].

Fuel-conservative guidance system for powered-lift aircraft [NASA-CP-78-10956].

The effect of hydrogen addition on ignition delays and flame propagation in spark ignition engines.

ECLEHORN, H. C.

Full-scale wind-tunnel investigation of an Ayres 528-600 Thrush agricultural airplane [NASA-CP-78-10956].

ECLEOD, S. A.

Design, fabrication, and evaluation of GONIZED (trade name) ceramic-wrought alloy attachment concepts [AD-A0527765].

ECLEOHLIN, W. C. R.

An evaluation of coatings for steel and titanium alloy fasteners for aircraft applications [AD-A0527765].

ECLEBO, H. E.

An experimental study of a jet issuing from a lifting wing [NASA-CP-78-10956].
Beadz, C.

Medvedev, N. N.

Bakken, N. F.

A combined air-cushion and endless belt transportation system

Bellum, K. F.

Sharjah - An airport out of Arabian Nights

Belyaeva, K. I.

Changes in the quality of 7-6 fuel upon prolonged storage

Beli, P. F.

Analytical modeling of ramjet combustor heat transfer analyses

Bell, C. M.

Damage tolerant design - An approach to reducing the life cycle cost of gas turbine engine disks

Bence, C., Jr.

Development of a solid state vertical instrument display system

Nebbia, B. A.

Method of determining the stability and controllability characteristics of an aircraft from the transient processes

Nedan, N. T.

The influence of longitudinal pressure gradient and turbulence of the flow upon heat transfer in turbine blades

Beedle, E. A.

Computer-aided design study of hypersonic nozzles

Mellor, L. A.

Digital fly-by-wire flight control validation experience

Meck, C. E.

Time-phased development methodology - The key for reliable engines in future military aircraft weapons systems

Nellis, R., Jr.

Multifrequency eddy current inspection for cracks under fasteners, phase 2

Shiroller, D.

The CF6-32 as a derivative engine of the CF6-6

Neves, T. B., Jr.

A combined air-cushion and endless belt transportation system

Bellocq, C.

Aircraft engine oil analysis by neutron activation techniques

Becker, L. A.

Aircraft gas turbine engines. I

Nedkov, C. P.

Correlation technique for ambient effects on aircraft performance

Melton, C. B.

Hydraulic compressor for a wind tunnel

Henderson, L.

The CF6-32 as a derivative engine of the CF6-6

Nelson, B.

Optimal designing of gas-turbine engine elements. I

Bell, J. C.

Optimal design of gas-turbine engine elements. I'

Nelson, B.

Complex flow analysis of a high speed gas turbine. I

Bell, J. C.

Optimal design of gas-turbine engine elements. II

Nelson, B.

Optimal thermodynamic design of gas turbine engines, using element prototypes. I

Bell, J. C.

Optimal thermodynamic design of gas turbine engines, using element prototypes. II

Nelson, B.

Optimal thermodynamic design of gas turbine engines, using element prototypes. III

Nelson, B.

Optimal design of gas-turbine engine elements, using element prototypes. IV

Nelson, B.

Optimal design of gas-turbine engine elements, using element prototypes. V
PERSONAL AUTHOR INDEX

Messina, A. P.
Mere, A. B.
Meserbs, V.
Mertzirich, V.
Hers, K. A.
Mutes
Merritt, B. J.
Merrill, B.
Meredith, B. D.
Merkby, D. J.
Merhay, S.
Mute.
Bus,
Meng, S. Y.
Mebdoza, J. P.
Mendehall, B. B.
Mendenhall, B. B.

Design and fabrication of advanced titanium
characteristics of upper-surface-blow wing-flap
configurations [AIAA PAPER 75-0120]
Prediction of lateral aerodynamic loads on
aircraft at high angles of attack [AD-062864]

Mengo, S. Y.
Lifting-line theory of oblique wings in transonic
flows [AD-070232]
The oblique wing as a lifting-line problem in
transonic flow [NASA-TP-76587]

Henniger, R.
Introduction of Category IIIA at Deutsche
Lufthansa AG [DULR PAPER 79-031]

News, J.
Helicopter behaviour in crash conditions

Hershey, R. L.
Most rational linearization of nonlinear unsteady
heat conduction problems

Heffy, L. J.
NOVA-2S, a stiffened panel extension of the NOVA-2
computer program [AD-A066538]

Hehr, P.
Identification of unsteady effects in lift buildup

Herdt, B. D.
LED instrument approach instruction display
[NASA-TP-78323]

Herbs, S.
Low-cost inertial navigation for moderate-g missions
[NASA-TP-78611]

Herbst, K.
Autonomous navigation system

Hersch, K.
Recent progress in aircraft sink rate measurement
[AIAA PAPER 79-1798]

Hers, B.
7-16 Avionics Intermediate Shop self-test

Hess, R. W.
Evaluation of the navigation performance of
shipboard-VTG-Landing guidance systems
[AIAA 79-1768]

Hess, H. A.
Subsonic base pressure fluctuations

Herz, W.
Making fluid flows visible

Hessens, W.
Casualty evacuation by helicopter

Heuss, W. P.
Design, development, and testing of an active
flap margin augmentation system for a
commercial transport airplane [AIAA 79-0709]

Kessner, R. W.
Design and fabrication of advanced titanium
structures [AIAA 79-0757]

Ketchens, A. G.
Application of the isothermal square bend process

to F14 wing beams

Hettery, T. J.
A study of smoke movement in an aircraft fuselage

Hetsher, B. L.
Low cost expendable engine

Hetdesouf, W.
Implementation of flight control in an integrated
guidance and control system

Hete, W.
Synthetic image generation for visual simulation
in training simulators using the Tornado visual
simulator as an example

Hetschel, D. L.
Jet cooling at the rim of a rotating disk

Hettesch, V. E.
Aerocoaxial design of the Prop Pan

Huhrman, A. E.
Heat treatment studies of aluminum alloy forgings
of the 2024-T6 type. Fatigue crack propagation
performance under maneuver spectrum loading
[MR-TP-76074-0-9]

Hedigec, J. L.
Dynamic identification of light aircraft
structures and flutter certification

Henderson, L. L.
Euroumile - An example of cooperation with
respect to missiles

Hetzer, L. J.
A design review of ceramic components for turbine
engines

Heter, T. G.
A cumulative fatigue damage model for gas turbine
engine disks subjected to complex-mission loading

Heter, H. J.
Determination of the flax size in turbine rotors
by ultrasonics - A necessary requirement for
fracture-mechanics test evaluation

Heter, J. P.
Concepts for reducing exhaust emissions and fuel
consumption of the aircraft piston engine

Heter, J. E.
Concepts for reducing exhaust emissions and fuel
consumption of the aircraft piston engine

Heter, J. F.
Turbulent wake measurements with a laser velocimeter
[AIAA PAPER 75-1007]
Velocity measurement about a NASA 0012 airfoil
with a laser velocimeter [AD-062864]

Heter, L.
A laser velocimeter flow survey above a stalled wing
[NASA-TP-1222]

Hetteschel, D. L.
Numerical study of the induction of porous walls of
the working section of a low-velocity wind
tunnel

Hettlerman, L. L.
Flight dynamics /2nd revised and enlarged edition/

Heckter, G. T.
Naval developments in crashworthy seating

Michael, G. J.
Development of gas turbine performance seeking logic

American Institute of Aeronautics and Astronautics
PERSONAL AUTHOR INDEX

NIEHEU, B. E.
Female surface pressure measurements of a
carrier wind tunnel model with a 3.15-meter
diameter single rotor
[AIAA PAPER 79-201]
p0537 799-26015

NIEKOVICH, B. M.
Optimal excitation of amplitude-direction-finder
antennas operating on the basis of the
comparison method
p0411 799-25502

NIRANDO, L. E.
Laminar flow stabilization by surface cooling on
hydrogen fueled aircraft
[AIAA PAPER 79-1063]
p0610 799-87920

NIRANDO, J.
Vortex pattern at the upper surface of a swept
wing with a high angle of attack
[ONERA, TF NO. 1978-124]
p0128 799-18554

Vortex pattern development on the upper surface of
a swept wing at high angle of attack
[NASA-TN-75377]
p0300 799-18914

Vortex pattern developing on the upper surface of
a swept wing at high angle of attack
p0140 799-22007

NIRNOY, J. A.
Optimization of body shape at small Reynolds numbers
p0059 799-13944

NIRSEY, W.
Critical assessment of emissions from aircraft
piston engines
[AD-AD117002]
p0654 799-30190

NIRSTEY, V. P.
Introduction to the computer-aided design of
flight vehicles
p0279 799-27648

NIRSTY, R. P.
Optimal control of helicopter longitudinal motion
on the basis of an operational algorithm
p0069 799-14873

NIRTEC, A. R.
Direct force mode flight control for a vectored
lift: fighter
[AIAA 79-1744]
p0571 799-45369

NIRTEC, C. N.
The F/A-18 challenge - Readiness and low total cost
p0073 799-15402

NIRTEC, J. G.
A new facility for structural engine testing
p0556 799-27173

NITCHEL, R.
CFD vehicle design and performance objectives
p0001 799-33612

NITCHEL, W. S.
Application of nonsacari airfoil design technology
to highly loaded turbine exit guide vanes
[ASME PAPER 78-CT-108]
p0008 799-10787

Turbine exit guide vane program
[AD-AD03682]
p0164 799-14101

NITUSHEK, J. I.
Twisting of the blades of an axial turbine stage
during tangential inclination of the nozzle blades
p0527 799-82655

NITISON, V. G.
The electro-impulse de-icing method
[AD-82-227]
p0433 799-23073

NITUSHEK, T.
Cold weather environmental ground starting test
using JPT-8 in eglin climatic chamber
[AD-8063377]
p0385 799-21222

NITZEL, E.
Modeling the X-band radar augmentation system of a
high altitude supersonic target
p0247 799-24715

NITZEL, J. S.
Characteristics of propeller noise on an aircraft
fuselage related to interior noise transmission
[AIAA PAPER 79-0646]
p0271 799-26352

A theoretical investigation of noise reduction
through the cylindrical fuselage of a
 twin-engine, propeller-driven aircraft
[NASA-TP-1325]
p0106 799-13621

NITZEL, T.
Oil squeeze film dampers for reducing vibration of
aircraft gas turbine engines
[AIAA PAPER 79-02-133]
p0394 799-32402

NITZEL, Y.
An alternative approach to the high aspect ratio
wing with jet flap by matched asymptotic
expansions
p0411 799-25502

NIRSEY, W.
Critical assessment of emissions from aircraft
piston engines
[AD-AD117002]
p0654 799-30190

NIRSTEY, V. P.
Introduction to the computer-aided design of
flight vehicles
p0279 799-27648

NIRSTY, R. P.
Optimal control of helicopter longitudinal motion
on the basis of an operational algorithm
p0069 799-14873

NITCHEL, R.
CFD vehicle design and performance objectives
p0001 799-33612

NITCHEL, W. S.
Application of nonsacari airfoil design technology
to highly loaded turbine exit guide vanes
[ASME PAPER 78-CT-108]
p0008 799-10787

Turbine exit guide vane program
[AD-AD03682]
p0164 799-14101

NITUSHEK, J. I.
Twisting of the blades of an axial turbine stage
during tangential inclination of the nozzle blades
p0527 799-82655

NITISON, V. G.
The electro-impulse de-icing method
[AD-82-227]
p0433 799-23073

NITUSHEK, T.
Cold weather environmental ground starting test
using JPT-8 in eglin climatic chamber
[AD-8063377]
p0385 799-21222

NITZEL, E.
Modeling the X-band radar augmentation system of a
high altitude supersonic target
p0247 799-24715

NITZEL, J. S.
Characteristics of propeller noise on an aircraft
fuselage related to interior noise transmission
[AIAA PAPER 79-0646]
p0271 799-26352

A theoretical investigation of noise reduction
through the cylindrical fuselage of a
twin-engine, propeller-driven aircraft
[NASA-TP-1325]
p0106 799-13621

NITZEL, T.
Oil squeeze film dampers for reducing vibration of
aircraft gas turbine engines
[AIAA PAPER 79-02-133]
p0394 799-32402

NITZEL, Y.
An alternative approach to the high aspect ratio
wing with jet flap by matched asymptotic
expansions
p0411 799-25502

Dynamic loads analysis system (DYTOPLEX) summary.
Volume 1: Engineering formulation
[NASA-CR-2849-1]
p0664 799-31140

Dynamic loads analysis system (DYTOPLEX) summary.
Volume 2: Supplemental system design information
[NASA-CR-2849-2]
p0664 799-31145

Equation modifying program, 1219 (EQNLD). Volume
2: Supplemental system design and maintenance
document
[NASA-CR-2856]
p0665 799-31153

FLIGHT and propulsion control integration for
selected air flight thrust vectoring nozzle
[ASME PAPER 78-CT-79]
p0058 799-10768

Definition of requirements for a performance
measurement system for C-5 aircraft
p0426 799-22119

The E221-535 - New member of the family
[RAE PAPER 780512]
p0008 799-10392

Ionic mechanisms of carbon formation in flames
[AD-AD068072]
p0596 799-29270

Principle of operation of Navstar and system
characteristics
p0063 799-10183

Demonstration of aircraft wing/store flatter
suppression systems
p0574 799-46238

Research on visual display integration for
advanced fighter aircraft
[AD-AD06905]
p0653 799-30184

Stochastic Response Secondary Surveillance Radar
[S.B.S.U.R.]
p0003 799-10341

Ground-air and air-ground communications links -
Voice and data link in different systems
p0056 799-13234

Collision avoidance in an integrated system. I -
Advantages of the capability
p0056 799-13258

Collision avoidance in the integrated system. II -
Characteristics
p0056 799-13259

Integrated navigation, traffic control, collision
avoidance and communication system - SNAVAC-C2
p0054 799-12267

Spread spectrum modulation. I - Benefit resulting
from application to an integrated system
p0058 799-13274

Transform domain processing for digital
communication systems using surface acoustic
wave devices
p0675 799-31482

Coast guard missions for lighter-than-air vehicles
[AIAA 79-1570]
p0524 799-42403

The effect of slot configuration and arrangement
on the characteristics of jet flow
[AIAA PAPER-195]
p0337 799-30377

Regions of supercritical flow past thin wings
p0027 799-12188

Calculation of supercric flow past wings with
consideration of tangential discontinuities shed
from the edges within the scope of a model using
a system of Euler equations
p0079 799-16372

Influence of the transverse curvature of the lower
surface on the conical supercritical flow field on
a delta vehicle
p0191 799-21635

Estimation of fatigue life of Al-alloy used for
compressor disc of jet engine
p0527 799-42624
MOORE, M. D.

The need of stick force stability for attitude-stabilized aircraft. [AIAA 79-1712] p0572 A79-45401

MOORE, D. A.


MOORE, A. H.

Estimation of reliability from multiple independent grouped censored samples with failure times known. [NASA-TP-1338] p0037 579-10022

MOORE, C. J.


MOORE, G. D.


MOORE, J. W.

Large wing-in-ground effect transport aircraft. [NASA-TP-1502] p0671 A79-31213

MOORE, J. R., JN.

A computational scheme for structural influence coefficients of certain planar wings. [NASA-TP-1501] p0671 A79-31213

MOORE, R. L.


MOORE, W. A.


MOORE, W. H.

Design of the circulatory control wing STCL demonstrator aircraft. [AIAA PAPER 79-1842] p0699 A79-22070

MOOREHOUSE, E. J.

Proceedings of APFDL Flying Qualities Symposium (AD-1064614) p0513 A79-42062

MORAN, B. S.

Structural area inspection frequency Evaluation (SKIRE). Volume 2: Description of simulation logic. (AD-1064614) p0171 A79-15026

MORANSJ, J.


MORDEN, R. S.

Highlights of the C-141 service life monitoring program. [NASA-CR-132558] p0717 579-33207

MORDEN, R. E.


MORDUCE, G. E.


MORUH, K.


MORGAN, E.


MORGAN, R.


MORGAN, T.

Experimental investigation into the feasibility of an extruded wing. [NASA-CR-132558] p0717 579-33207

MORGAN, T. B.

The sound power spectrum of shock-free jets. [AIAA PAPER 79-0595] p0269 A79-26591

MORGAN, T. C.

A simulator investigation of handling quality escape from helicopters underwater. [NASA-TP-1502] p0671 579-31213

MORGAN, T. D.


MORGAN, T. M.

Experimental investigation into the feasibility of an asymmetric thermal wake. [NASA-CR-132558] p0717 579-33207

MORGAN, T. R.


MORGAN, T. S.


MORGAN, T. W.


MORGAN, V. A.


MORGAN, V. A.


MORGAN, V. A.

Green’s function method for the computational aerodynamic analysis of complex helicopter configurations. [NASA-CR-132558] p0717 579-33207

MORISSE, J. E.

Analysis of the functional requirements for an intelligent airborne computer system. [NASA-CR-132558] p0717 579-33207

MORRISON, J.


MOYSE, R. E.

Axisymmetric cooling system. [NASA-CR-132558] p0717 579-33207

MOSKOV, R. Y.

Effects of periodic changes in free stream velocity on flows over airfoils near static stall. [NASA-CR-132558] p0717 579-33207

MOSKOV, R. Y.

PRINCIPAL AUTHOR INDEX

HORIEVICHKOVA, E. I.
Parametric method for diagnosing the state of aircraft engines on the basis of limited information
p0082 A79-16781

HORLAND, R. V.
System description: Aviation Wide-Angle Visual System (AWAVS) Computer Image Generator (CIG) visual system
[AD-1065060] p0445 A79-23683

HORROOWELL, W. T.
Fundamentals of the electrical equipment of flight vehicles. Parts 1 & 2
p0059 A79-13975

HORRELL, P. S.
Airline productivity redefined - An analysis of U.S. and European carriers
p0410 A79-35100

HORRIS, A. W. B.
A high temperature turbine research module
[ASM PAPER 78-05-73] p0008 A79-10769

HORRIS, C. E., Jr.
Rotor-airfoil flight investigation - Preliminary results
[AHS 78-05] p0119 A79-18132

HORRIS, J. W.
A comparison of linear acoustic theory with experimental noise data for a small-scale hovering rotor
[AIAP PAPFF 79-0608] p0267 A79-26876

HORRIS, P. R.
An evaluation of aeroacoustic techniques for a hovering helicopter

HORRIS, P. N.
A flight investigation of static performance characteristics of a tetering-rotor attack helicopter

HORRIS, P. J.
Evaluation of an F4/CW range measurement system for TGL landing
p0448 A79-36086

HORRIS, J. J.
Definition and evaluation of a power management system for tilt-rotor aircraft
[AHS 78-48] p0124 A79-18171

HORRIS, J. W.
Design considerations for reliable FWH flight control
p0459 A79-30231

HORRIS, P. J.
The generation, radiation and prediction of supersonic jet noise. Volume 2, appendix: Computer program listing
[AD-1064685] p0428 A79-22854

HORRIS, R. N.
Study of the application of hydrogen fuel to long-range subsonic transport aircraft. Volume 1: Summary

HORRIS, S. J, Jr.
Performance examination for a highly loaded eight-blade propeller combined with an advanced technology turboshaft engine

HORRIS, P. N.
A functional evaluation of a thrust carrying cylindrical roller bearing design
[ASME PAPER 79-LMT-20] p0199 A79-32341

HORRIS, J. A.
Principles of jet engine operation
[AD-1056158] p0046 A79-11050

HORRIS, R. D.
Operational requirements for flight control and navigation systems for short haul transport aircraft

HORRIS, W. D.
Delaunay method for empirical drag buildup technique

HORRE, R. L.
Aerodynamic research: An Aray perspective
p0042 A79-10864

HORRIGER, L. P.
Aircraft engine emissions are under continuing surveillance
p0342 A79-30581

HORRIS, J. B.
Pressure and velocity measurements in a three dimensional wall jet
[AIAP PAPER 79-0352] p0146 A79-19683

HORRIS, J. W.
Aircraft exterior flow with an isoparametric B-spline cubic element
p0697 A79-58290

HORRIS, V. G.
Fault-tolerant, high reliability electronic engine control system
[AIAP PAPER 79-1202] p0469 A79-38983

HORRIS, C. A.
Effecs of fuel properties on soot formation in turbine combustion
[SAE PAPER 781026] p0257 A79-25899

HORRIS, E.
Fuel property effects on combustor performance
[AIAP PAPER 79-07-176] p0395 A79-32438

HORRIS, M.
An acoustical study of the XV-15 Tilt Rotor Research Aircraft
[AIAP PAPER 79-0612] p0272 A79-26939

HORRIS, T. I.
Choice of optimal parameters for a heat exchanger with heat pipes for a gas turbine engine
p0526 A79-42552

HORRIS, H. R.
Plan for the reliability and maintainability evaluation of the Discrete Address Beacon System (DABS) engineering laboratory models
[FAA-VA-78-31] p0241 A79-17253

HORRIS, G. F.
Some UK research studies of the use of wing-body strakes on combat aircraft configurations at high angles of attack
p0413 A79-21999

HORRIS, S.
Fracture mechanics for structural adhesive bonds, part 2, phase 2
[AD-1061805] p0310 A79-19418

HUTTARD, G.
Operational and regulatory questions related to inertial systems
p0334 A79-29759

HUTT, P. L.
A deterministic investigation of strapped down navigation system accuracy
p0621 A79-48695

HUTT, R.
Multifunction Inertial Reference Assembly Technology (MIBAT) simulation development, configuration evaluation, and test plan development
[AD-1057324] p0090 A79-12057

HUTT, J.
Flow patterns and aerodynamic characteristics of wing with strake
[AIAP PAPER 79-1877] p0610 A79-47928

HUTT, R. M.
The influence of aerodynamic interference on high angles of attack wind tunnel testing
[AD-1056045] p0093 A79-11002

HUTT, E.
Ten years of Aerospatiale experience with the fenestron and conventional tail rotor
[AHS 79-58] p0633 A79-49108

HUTT, R.
Preliminary study of pilot lateral control of two light airplanes near the stall
[AIAP 79-1775] p0572 A79-45403

HUTT, A. M.
Satellite interferometer as an advanced navigation/communication system
p0479 A79-39602

HUTT, R. F.
Fatigue acceleration in box beams under mechanical and thermal stresses (second series)
[ARC-K/W-3817] p0226 A79-16311

HUTT, R.
The Sunshin
p0195 A79-22324

HUTT, R. W.
Filtration effects on ball bearing life and condition in a contaminated lubricant
[ASM PAPER 78-0UB-34] p0199 A79-23246

HUTT, R. G.
The computation of optimal aircraft trajectories
[BR-577] p0550 A79-27128

HUTT, R. T.
The effective acoustic environment of helicopter crewmen
p0400 A79-10850

HOTEL, A. S.
Investigation of the profile drag and the mean and
<table>
<thead>
<tr>
<th>Author</th>
<th>Title</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>MORGUE, C. E.</td>
<td>Pulslation velocities in the wake of wings by means of a laser Doppler anemometer</td>
<td>p0020 A79-12151</td>
</tr>
<tr>
<td>HULLER, C. B.</td>
<td>Automated tracking for aircraft surveillance radar systems</td>
<td>p0438 A79-89604</td>
</tr>
<tr>
<td>HULLER, A. W.</td>
<td>Nuclear innovations and applications [AIAA paper 79-0866]</td>
<td>p0545 A79-41913</td>
</tr>
<tr>
<td>HULLER, E.</td>
<td>Electric charging of helicopters [NATO-PWT-J7-7]</td>
<td>p0267 N79-18274</td>
</tr>
<tr>
<td>HULLER, R. C.</td>
<td>Statistical comparisons of aircraft flyover noise adjustment procedures for different weather conditions [NASA TP-1430]</td>
<td>p0491 N79-24773</td>
</tr>
<tr>
<td>HULLER, T. J.</td>
<td>Considerations on optimal self-alignment of gyrostatized platforms</td>
<td>p0068 A79-14671</td>
</tr>
<tr>
<td>HULLER, D. S.</td>
<td>On the laminar separation, transition, and turbulent reattachment of low Reynolds number flows near the leading edge of airfoils [AIAA paper 79-0004]</td>
<td>p0048 A79-19472</td>
</tr>
<tr>
<td>HULLER, D. J.</td>
<td>Determination of heat transfer coefficients around a blade surface from temperature measurements [ASME paper 79-07-20]</td>
<td>p0240 A79-30515</td>
</tr>
<tr>
<td>HULLER, A. A.</td>
<td>Operation of long-service-life gas-turbine engine as a function of the technical state</td>
<td>p0083 A79-16806</td>
</tr>
<tr>
<td>HULLER, C. P.</td>
<td>Operational experience with linked-blade high-output gas-turbine</td>
<td>p0266 A79-26800</td>
</tr>
<tr>
<td>HULLER, E.</td>
<td>Lift, moment and pressure distribution on cambered airfoil in generalised laminar flow perturbations</td>
<td>p0138 A79-19313</td>
</tr>
<tr>
<td>HULLER, J.</td>
<td>Lean, premixed, prevaporized combustion for aircraft gas turbine engines [AIAA paper 79-1318]</td>
<td>p0472 A79-39034</td>
</tr>
<tr>
<td>HULLER, G.</td>
<td>The role of flight dynamic modeling in helicopter certification [ASME paper 785550]</td>
<td>p0005 A79-10409</td>
</tr>
<tr>
<td>HULLERLAND, R. G.</td>
<td>Numerical studies of conversion and transformation in a surveillance system employing a multitude of radars, part 2 [AD A07206]</td>
<td>p0705 N79-32415</td>
</tr>
<tr>
<td>HULLER, G. S.</td>
<td>Factor of safety - USAF design practice [AD A070237]</td>
<td>p0703 N79-32188</td>
</tr>
<tr>
<td>HULLER, J. N.</td>
<td>Aerodynamic design of fixed and variable geometry nozzleless turbine engines [ASME paper 79-07-07]</td>
<td>p0391 N79-32264</td>
</tr>
</tbody>
</table>

**PERSONAL AUTHOR INDEX**

<table>
<thead>
<tr>
<th>Author</th>
<th>Title</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>NORDGAARD, P.</td>
<td>Combined strength and aeroelastic wing synthesis</td>
<td>p0058 A79-27933</td>
</tr>
<tr>
<td>NORDGAARD, C. B.</td>
<td>Aerodynamic design of fixed and variable geometry nozzleless turbine engines</td>
<td>p0391 N79-32264</td>
</tr>
<tr>
<td>NORDGAARD, D. C.</td>
<td>Statistical comparisons of aircraft flyover noise adjustment procedures for different weather conditions [NASA TP-1430]</td>
<td>p0491 N79-24773</td>
</tr>
<tr>
<td>NORDGAARD, T. C.</td>
<td>Considerations on optimal self-alignment of gyrostatized platforms</td>
<td>p0068 A79-14671</td>
</tr>
<tr>
<td>NORDGAARD, T. J.</td>
<td>On the laminar separation, transition, and turbulent reattachment of low Reynolds number flows near the leading edge of airfoils [AIAA paper 79-0004]</td>
<td>p0048 A79-19472</td>
</tr>
<tr>
<td>NORDGAARD, D. J.</td>
<td>Determination of heat transfer coefficients around a blade surface from temperature measurements [ASME paper 79-07-20]</td>
<td>p0240 A79-30515</td>
</tr>
<tr>
<td>NORDGAARD, A. A.</td>
<td>Operation of long-service-life gas-turbine engine as a function of the technical state</td>
<td>p0083 A79-16806</td>
</tr>
<tr>
<td>NORDGAARD, C. P.</td>
<td>Operational experience with linked-blade high-output gas-turbine</td>
<td>p0266 A79-26800</td>
</tr>
<tr>
<td>NORDGAARD, E.</td>
<td>Lift, moment and pressure distribution on cambered airfoil in generalised laminar flow perturbations</td>
<td>p0138 A79-19313</td>
</tr>
<tr>
<td>NORDGAARD, J.</td>
<td>Lean, premixed, prevaporized combustion for aircraft gas turbine engines [AIAA paper 79-1318]</td>
<td>p0472 A79-39034</td>
</tr>
<tr>
<td>HUBBARD, W.</td>
<td>The role of flight dynamic modeling in helicopter certification [ASME paper 785550]</td>
<td>p0005 A79-10409</td>
</tr>
<tr>
<td>HUBBARD, R. G.</td>
<td>Numerical studies of conversion and transformation in a surveillance system employing a multitude of radars, part 2 [AD A07206]</td>
<td>p0705 N79-32415</td>
</tr>
<tr>
<td>HUBBARD, G. S.</td>
<td>Factor of safety - USAF design practice [AD A070237]</td>
<td>p0703 N79-32188</td>
</tr>
<tr>
<td>HUBBARD, J. N.</td>
<td>Aerodynamic design of fixed and variable geometry nozzleless turbine engines [ASME paper 79-07-07]</td>
<td>p0391 N79-32264</td>
</tr>
</tbody>
</table>
The thermal oxidation stability of E-3V lubricant

The strain range partitioning behavior of an advanced gas turbine disk alloy, P9X-10A

Low-cycle fatigue of thermal-barrier coatings at 902 deg C

Optimum operating techniques of two-state hypersonic gas tunnel

The control of tolerances in an array antenna

Comparative study of flare control laws

Low-cycle fatigue of thermal-barrier coatings at 902 deg C

Flow-field in a vortex with breakdown above sharp edge delta wings

Convective heat exchange of gas-particle stream in flow passage of throttling device with vane-type turning element

The shock and Vibration Digest, volume 10, no. 9

Numerical analysis of flow through turbine cascades by the Modified FLIC Method

Facility for studying the action of unsteady supersonic gas streams on the blades of a plane cascade

The role of the backside parameter in height control

Estimation of fatigue life of Al-alloy used for compressor disc of jet engine

Investigation of air stream from combustor-liner air entry holes, 3

Adhesive bonded structure of new pressurized piston twin aircraft

Redundant strapdown navigation, guidance, and control of a control configured vehicle

The development of a cure cycle for C-b aircraft engine modifications to reduce pollution

Implementation of the Omega system for air navigation

Ride qualities criteria validation/pilot performance study: Flight test results

The shock and Vibration Digest, volume 10, no. 9

The application of structured design and distributed techniques to avionics information processing architectures

Influence of corrosion damage on fatigue crack initiation

Modern concepts for design of delta wings for supersonic aircraft of second generation

Investigation of a preliminary GPS receiver design for general aviation

The Shock and Vibration Digest, volume 10, no. 9
The first line of the document reads, "The design and testing of a vertical-axis wind turbine system program." This suggests that the document is discussing the development and testing of a vertical-axis wind turbine system. The next few lines mention various topics such as "Helicopter transport efficiency payoffs from advanced technology," indicating a focus on engineering and technology. The document appears to be a collection of papers or reports on a variety of topics in engineering and technology. The personal author index at the end lists various authors and their contributions, which are not included in the provided text. The document seems to be a comprehensive overview of recent research and developments in the field.
Critical assessment of emissions from aircraft piston engines
[AD-A071002]
p0654 A79-30190

EICHEL, J. D.
Initial flight test of a Loran-C receiver/data collection system
[NASA-CR-151620]
p0100 A79-13018

NICOLAS, L. M.
Changing requirements in aircraft design
[879-37044]
p0660 A79-37044

NICOLAS, J.-J.
Internal aerodynamics and heat transfer problems associated with film cooling of gas turbines
[AAS E PAPER 79-CT-57]
p0341 A79-30528

NIEBRECK, C.
Steady 5-76 analysis, design, and development for successful dynamic characteristics
[AHS 76-23]
p0121 A79-18149

NIXON, C. F.
Experimental effects of tip shape on rotor control loads
[60-78-61]
p0125 A79-18182

NIXON, N. A.
Model analysis of gas turbine buckets using a digital test system
[AAS E PAPER 79-CT-124]
p0393 A79-33239

NITZER, J. R.
British civil airworthiness requirements for airships
[AIAA 79-1600]
p0523 A79-42394

NITZER, R. A.
On the loudness of sonic booms and other impulsive sounds
[STIXASP-236]
p0245 A79-17658

NIVELL, J. P.
An evaluation of asphalt-rubber mixtures for use in pavement systems
[AD-A069468]
p0661 A79-30246

NIVELL, J. P.
Characterizing expensive soils for airport pavement design
[AD-A059765]
p0168 A79-14247

NIVRANZI, J. B.
Preliminary airworthiness evaluation BU-21 B guardrail V aircraft
[AD-A068347]
p0592 A79-29178

NIVRANZI, J. B.
Airworthiness and flight characteristics test, OV-1C takeoff performance
[AD-A068927]
p0652 A79-30178

NIVRANZI, J. B.
Preliminary airworthiness evaluation CR-47C with fiberglass rotor blades with T55-L-712 engines
[AD-A056951]
p0705 A79-32199

NIVRANZI, W. H.
An evaluation of the bird/aircraft strike hazard (BASH) at area C-62, Eglin AFB, FL
[AD-A066371]
p0230 A79-16620

NIVRANZI, W. H.
An evaluation of the bird/aircraft strike hazard at Hill AFB, Utah (KFLC)
[AD-A070589]
p0667 A79-31184

NIVRANZI, W. H.
Filtering technique based on high-frequency plant modeling for high-gain control
[NASA-CASE-LAR-12215-1]
p0637 A79-23097

NIVRANZI, W. H.
Description of the VETL Approach and Landing Technology (VALT) CR-47 research system
[NASA-TP-14146]
p0595 A79-29195

NIVRSACK, H. J.
A versatile approach to cockpit management
[MS 78-17]
p0320 A79-18143

NIVRSACK, P. N.
Parameter and state estimation applicable to aircraft identification problem
[AD-A066347]
p0561 A79-45346

NIVRSACK, J. P.
Construction of electronic models of microwave landing systems
[p0684 A79-51266

NIVRANZI, J. P.
A fundamental criterion for the application of rotor casing treatment
[p0213 A79-24177

NIVRANZI, J. C.
The influence of tilting pad bearing characteristics on the stability of high speed rotor-bearing systems
[AD-A057967]
p0075 A79-16012

NIVRANZI, J. C.
The influence of tilting pad bearing characteristics on the stability of high speed rotor-bearing systems
[p0679 A79-39037

NIVRANZI, J. C.
The influence of tilting pad bearing characteristics on the stability of high speed rotor-bearing systems
[AD-A057967]
p0058 A79-12465

NIVRANZI, J. C.
The influence of tilting pad bearing characteristics on the stability of high speed rotor-bearing systems
[AD-A057967]
p0072 A79-39037

NIVRANZI, J. C.
The influence of tilting pad bearing characteristics on the stability of high speed rotor-bearing systems
[AD-A057967]
p0075 A79-16012

NIVRANZI, J. C.
The influence of tilting pad bearing characteristics on the stability of high speed rotor-bearing systems
[AD-A057967]
p0058 A79-12465

NIVRANZI, J. C.
The influence of tilting pad bearing characteristics on the stability of high speed rotor-bearing systems
[AD-A057967]
p0072 A79-39037
Normal force and pitching moment of wing-body combinations in the nonlinear angle-of-attack range at subsonic speeds

Nilson, E. N.

Engineering and manufacturing communication via the computer data base
[NASA PAPER 79-1645]

Elsasser, W. - A.

Elliptic modelling of aircraft targets for evaluation of electronic fuses

Nishimura, R.

The effect of slot configuration and arrangement on the characteristics of jet flow

[NAL-TH-155]

Wissmuth, C.

Aircraft noise identification system by correlation technique

p0138 A79-19362

Wissinom, N.

Mechanism of determination of the shedding frequency of vortices behind a cylinder at low Reynolds numbers

p0137 A79-18845

Wissel, R.

Modelling of turbulent wakes in ideal fluids

p0257 A79-42806

Wissel, G.

The Swedish approach to escape system testing

p0644 A79-50427

Wixten, R.

Comparative study between two different active flutter suppression systems

p0081 A79-16495

Flutter suppression and gust alleviation using active controls - Review of developments and applications based on the aerodynamic energy concept

p0156 A79-20128

Active external store flutter suppression in the TF-17 flutter model

p0639 A79-45866

On single-degree-of-freedom flutter induced by activated controls

p0640 A79-49967

Witsche, V.

Aerodynamical research into vertical problems in V/STOL aircraft approach landing

[IPD-4-78]

Knight, T. A.

Design of transonic airfoil sections using a similarity theory

[NASA PAPER 79-0076]

The transonic integral equation method with curved shock waves

p0513 A79-41407

Direct numerical solution of the transonic perturbation integral equation for lifting and nonlifting airfoils

[AISA-TH-78518]

p0035 A79-10045

Knight, B. R.

The application of system dynamics to a managerial model of aeronautical systems division

[AD-8059312]

p0169 A79-14919

Knight, T. A.

An operational research investigation of the ice-detection capability and utility of the surface condition analyzer (SCAN) system and its applicability to Navy-wide use

[AD-8061774]

p0539 A79-26037

Norbeck, B.

Nokia bathroom toilet cozy with augmented backside connections

[AHM PAPER 70-07-33]

p0106 A79-22339

Nogge, L. W.

The potential of liquid hydrogen as a military aircraft fuel

Large-vehicle concepts

p0186 A79-20773

p0338 A79-30485

Noll, B. R.

Green's function method for the computational aerodynamic analysis of complex helicopter configurations

[AD-196807]

p0146 A79-19680

Noll, T. N.

Demonstration of aircraft wing/store flutter suppression systems

p0574 A79-46238

Nolt, W. E.

LOAAS: a computer program for determining the shear, bending moment and axial loads for fuselage type structures

[NASA-CR-151905]

p0242 A79-17262

Noone, W. W.

Low-speed aerodynamic characteristics of a 16-percent-thick variable-geometry airfoil designed for general aviation applications

[NASA-TF-13234]

p0157 A79-14018

Experimental investigation of three helicopter rotor airfoils designed analytically

[NASA-TF-13966]

p0416 A79-22037

Noord, D. L.

Fuel conservative aircraft engine technology

p0152 A79-20078

Noorder, J. B.

Cargolotistics airlift system study (CLASS), volume 1

[NASA-CR-158915]

p0289 A79-17822

Cargolotistics airlift system study (CLASS), volume 2

[NASA-CR-158916]

p0289 A79-17823

Cargolotistics airlift system study (CLASS), executive summary

[NASA-CR-158959]

p0289 A79-17824

Nord, W. M.

The application of structured design and distributed techniques to avionics information processing architectures

p0505 A79-25591

Noote, R. W.

Time degradation factors for the turbine engine exhaust emissions. Volume 1: Program description and results

[WG-1236-6-VOL-1]

p0293 A79-17660

Noord, E. E.

A new high product rate 10 nanosecond, 256 point correlator

p0405 A79-34305

North, D. E.

Industry seeks lighter aircraft weight

p0449 A79-36100

North, R. J.

The European transonic wind-tunnel project

p0143 A79-31021

Northan, G. B.

Characterization of a swept-strut hydrogen fuel-injector for scramjet applications

p0635 A79-49345

Norton, J. N.

Energy maneuverability display validation

[AF{Q1L-T8-78-35-VOL-1]

p0056 A79-23947

Norton, J. N.

Rotor redesign for a highly loaded 1800 ft/sec tip speed fan. 1: Aerodynamic and mechanical design report

[NASA-CR-159596]

p0542 A79-26055

Norton, W. A.

Preliminary airworthiness evaluation R-21 H guardrail V aircraft

[AD-8068067]

p0593 A79-29178

Norton, T. B.

Experiments of shock associated noise of supersonic jets

[IASA PAPER 79-1526]

p0602 A79-47341

Measurements of acoustic sources in motion

[NASA-CR-8019]

p0227 A79-16689

Applications of diffraction theory to Aeroacoustics

[NASA-TH-00353]

p0229 A79-18868

Novaluce, E. E.

Operating and performance characteristics of a duct burning turbofan engine with variable area turbines

[AD-8061026]

p0234 A79-16857

Noxon, D. L.

Rocket cost estimating handbook

[AD-8059911]

p0594 A79-29186

Ouse, H.

A two-dimensional cascade test of an air-cooled turbine nozzle

p0337 A79-30379

Novaluce, E. E.

Millimeter airborne radar target detection and selection techniques
NOVICK, A. S.
Modeling parameter influences in gas turbine combustor design
[IAIA PAPER 79-0350]
p0456 A79-299616
Development of a gas turbine combustor dilution zone design analysis
[IAIA PAPER 79-1594]
p0456 A79-38979

NOVITSKII, V. V.
Synthesis and analysis of systems for active control and suppression of flutter of flying craft
p0257 A79-12755

NOVOSTROV, T. V.
Method of determining precipitates formed during use and storage of synthetic oils
p0326 A79-29124

NOVOSYLOF, F. N.
Solution of the inverse problem of aerodynamics by a random search technique
p0028 A79-12956
Solution of the inverse aerodynamics problem by the random search method
p0601 A79-47002

NOYAK, R. J.
Recent advances in convectively cooled engine and airframe structures for hypersonic flight
p0153 A79-20087
Recent advances in convectively cooled engine and airframe structures for hypersonic flight
p0386 W79-21425

NOY, I.
Preliminary investigation of the seated height limit for safe through-the-canopy ejection from the CT-114 aircraft
[AD-A062403]
p0362 W79-20993

OCCI, G. 
A family of air traffic control radars
p0665 W79-38532

OEGERT, J.
Reynolds number, scale and frequency content effects on V-15 inlet instantaneous distortion
[IAIA PAPER 78-0104]
p0141 W79-19533

OEBER, B. C.
Helicopter high gain control
[NASA-CR-159052]
p0672 W79-31221

OEBER, B.
Multifunction Inertial Reference Assembly Technology (MIRAT) simulation development, configuration evaluation, and test plan development
[AD-A0575324]
p0690 W79-12057

OEBER, B. J.
A new baseline for the inertial navigation strapdown simulator program. Volume 1: Introduction and summary
[AD-A062807]
p0381 W79-21037
A new baseline for the inertial navigation strapdown simulator program. Volume 2: Analytical development
[AD-A062808]
p0381 W79-21038
A new baseline for the inertial navigation strapdown simulator program. Volume 3: Program and description and users guide
[AD-A062809]
p0381 W79-21039
A new baseline for the inertial navigation strapdown simulator program. Volume 4: Program listings
[AD-A062810]
p0381 W79-21040

OESSBACH, L.
Radar projections for aircraft rotor blades
[AD-A068822]
p0550 W79-27130

OTTOBERGER, B.
Investigation of the transonic drag characteristics for non-slender wing-body combinations and their equivalent axisymmetric bodies at zero lift
p0153 W79-20702

O'TE, J. L.
An advanced technology engine family for general aviation
[IAIA PAPER 79-1161]
p0685 W79-51705

OTSTROM, F. A.
A comparison of linear acoustic theory with experimental noise data for a small-scale hovering rotor
[IAIA PAPER 79-0608]
p0267 A79-26876
An evaluation of linear acoustic theory for a hovering rotor
[NASA-TP-00925]
p0548 W79-26881

OBS, S. C.
Measurements and predictions of flyover and static noise of a TF30 afterburning turbofan engine
[NASA-TP-1372]
p1002 W79-13045

OATES, G. C.
The aerothermodynamics of aircraft gas turbine engines
[AD-A059784]
p0165 W79-14103

OBEI, K. E.
Prediction of the angular response power spectral density of aircraft structures
[AD-A066181]
p0485 W79-23956

OBERBARD, J.
Realization of a helicopter-oriented real-time data acquisition, experimental, and prototype flight testing
[ABS 79-50]
p0632 A79-49102

OBERG, T. E.
Total pressure recovery of flared fan nozzles used as inlet
p0211 W79-24178

OBERGHEIER, J. D.
Potential applications of a high altitude powered platform in the ocean/coastal zone community
[IAIA 79-1602]
p0523 W79-42396

OBERLY, C. E.
System considerations for airborne, high power superconducting generators
p0184 W79-20548

OBERLY, R. C.
Formulas for spanwise distribution of lift on aircraft wings
p0694 A79-53871

OBOESEN, E. B.
The effect of swirl on a ramjet dump combustor
[IAIA 79-7042]
p0330 A79-29411

OBER, R.
Development of spiral-groove self-acting seals for helicopter engines
[NASA-CR-159622]
p0711 W79-32551

OBER, P. J.
Simulation study of the effect of fuel-conservative approaches on ATC procedures and terminal area capacity
[SAR PAPER 780523]
p0004 A79-10398
Dynamic simulation studies of fuel conservation procedures used in terminal areas
p0204 A79-23581
Simulation study of the operational effects of fuel-conservative approaches
p0527 A79-42800

OBER, W. F., JR.
Effect of hub and tip annular flow blockage on the performance of a single-stage axial-flow compressor
[IAIA 79-7001]
p0327 A79-29377

OBERL, T. C.
Some results from the use of a control augmentation system to study the developed spin of a light plane
[IAIA PAPER 79-1700]
p0605 A79-47879

OBEIR, R.
Nozzle design and integration in an advanced superconducting turbine
[IAIA PAPER 79-1813]
p0685 W79-51707

OBEIRO, N.
Electromagnetic coupling analysis of a learjet aircraft
[AD-A062090]
p0370 W79-20311

OCE, F.
Fatigue life estimation methods for helicopter structural parts
p0136 A79-18697
Analytical life estimation for helicopter components
[SIGEL PAPER 78-105]
p108 A79-20495
Fatigue life estimation methods for helicopter structural parts
p0438 W79-23077
GELOB, R. J.
Study of an advanced General Aviation Turbine Engine (GATE) [NASA-CR-159558]

OLLE-BORCHERD, N. J.
Techniques for dynamic stability testing in wind tunnels

Experiments on cross-coupling and translational acceleration derivatives

Sensitivity of aircraft motion to aerodynamic cross-coupling at high angles of attack

Effect of high angles of attack on dynamic stability parameters

GEOFF, K. L.
Effect of tip shape on blade loading characteristics for a two-bladed rotor in hover [AMS 79-1]

GOLOV, V. V.
Through-heating of chambers with regenerative cooling

GONAN, C. A.
A comparison of costs associated with local actions to reduce aircraft noise impacts

GORMAN, J. C.
Wind tunnel tests of four flexible wing ultralight gliders

OHTOS, P. S.
Tapered roller bearing development for aircraft turbine engines [AD-A069440]

OSBOIN, A. G.
Thermodynamics of organic compounds [AD-A065664]

OSBOIN, G.
Hybrid heater/paste and heater/flexible coating schemes for de-icing helicopter rotor blades

OSBOIN, J. D.
Aircraft antenna pattern measurements using near field techniques

OSBOIN, W. B.
Aerodynamic performance of a 1.35-pressure-ratio axial-flow fan stage [NASA-TP-1297]

OVSIT, I. G.
Aerodynamic performance of 1.38-pressure-ratio, variable-pitch fan stage [NASA-TP-1502]

OSBOIN, G.
Effects of diffusion factor, aspect ratio and solidity on overall performance of 1/4 compressor middle stages [NASA-TP-1523]

OSBOIN, G.
The DC-9-80 digital flight guidance system's monitoring techniques [NASA 79-1704]

OZJ, N.
Wind tunnel measurements of dynamic derivatives in the German Federal Republic [IDP-5-78]

OSBOIN, E. J.
Introduction to the computer-aided design of flight vehicles

OSKIN, S. B.
Analysis of visual detection performance: Fall 1978 experiment [AD-A065118]

OSCOM, V. D.
The smooth approximation method and its application to the mathematical description of the aerodynamic characteristics of a wing

Rheumatism of the smooth approximation method and its application to mathematical description of wing aerodynamic characteristics

OSTERBACEK, P. G.
Introducing cost effectiveness into the tactical airplane design cycle in a cost effective manner [AIAA PAPER 79-0235]

OSBOE, S. J.
Technical evaluation report on the 25th Guidance and Control Panel Symposium on guidance and control design considerations for low altitude and terminal area flight [AEARD-AB-1297]

OSTROFF, A. J.
Flight test of a VTOC digital autoland system along complex trajectories [AIAA 79-1702]

A real-time simulation facility for advanced digital guidance and control system research

OSMANN, E.
Wave propagation associated with wings

OSTRECK, U. G.
Allowing for the wall boundary layer in an axial compressor stage

OSTROFF, D. A.
Ion chromatographic determination of sulfur in fuels [NASA-CR-158990]

OUSTENKO, V. A.
The smooth approximation method and its application to the mathematical description of the aerodynamic characteristics of a wing

On a smooth approximation method and its application to mathematical description of wing aerodynamic characteristics

OSBOH, A.
Approximation of the aerodynamic characteristics of a wing with a double-slotted flap

OVERBURY, F. G.
Precision DME at L-band using phase-coded transmission

OVEREND, W. J.
Design criteria for airline operation [AIAA PAPER 79-1049]

OWEN, F. K.
Transonic flow past a symmetrical airfoil at high angle of attack [AIAA PAPER 79-1500]

Evaluation of flow quality in two NASA transonic wind tunnels [AIAA PAPER 79-1532]

OWEN, S.
Demonstration of potential acoustic gains from conventional cable soundproofing treatments

OWEN, B. E.
The challenge of new technology for avionics testing

OWENS, B. E.
Energy efficient engine: Propulsion system-aircraft integration evaluation [NASA-CR-159408]

PACALL, T.
Exploratory development of an overhaul coating process for gas turbine propellers [AD-A061270]

PACANOWSKY, E. J.
Some recent developments in solid propellant gas generator technology [AIAA PAPER 79-1327]

PAGE, B.
Critical assessment of emissions from aircraft piston engines [AD-A071002]

PADE, C. H.
Marine survey - S11A propulsion module [AGS PAPER 78-CT-58]

PACKER, A. B.
Internal mixer investigation for J78D engine jet noise reduction. Volume 1: Results [AD-A057309]

Internal mixer investigation for J78D engine jet noise reduction. Volume 2: Appendices A, B, C,
PADFIELD, G. D.
Nonlinear oscillations at high incidence
[AD-A057310/5] p0038 N97-10065

PAJET, C.
Bolted field repair of composite structures
[AD-A067923] p0565 N97-28238

PANOVKO, IA. G.
Design and fabrication of advanced titanium structures
[AAIA 79-0757] p0283 A97-28272

PAEZ, C. A.
Present and future developments in aerospace materials and structures
p0268 N97-24981

PAEZ, C. D.
Radome design/fabrication criteria for supersonic aircraft
p0209 N97-24981

PANNO, S. P.
Design of advanced titanium structures
[AAIA PAPER 79-1805] p0666 N97-47900

PAGE, K. G.
Marine swept - S11A propulsion module
[ASME PAPER 78-GT-58] p0196 A97-22337

PAGE, J. L.
High heat flux actively cooled honeycomb sandwich structural panel for a hypersonic aircraft
[NASA CR-2595] p0372 N97-20397
A cooling system for an aircraft having a cruise range from Mach 2 to Mach 3
[NASA-CASE-1AR-12406-1] p0949 N97-24980

PALETTRICE, A. S.
Wide-aperture digital VOR
p0156 A97-20230

PALEO, D. L.
Supercritical tests of a self-optimizing, variable-camber wind tunnel model
p0357 N97-20048

PARKER, J. A.
Simulation study of the effect of fuel-conservative approaches on ATC procedures and terminal area capacity
[SAE PAPER 780252] p0004 N97-10398
Dynamic simulation studies of fuel conservation procedures used in terminal areas
p0204 N97-23581

PARKER, J. M.
Simulation study of the operational effects of fuel conservation approaches
p0527 N97-42800

PARKER, J. M.
A feasibility study for development of structural aluminum alloys from rapidly solidified powders for aerospace structural applications
[AD-A069120] p0230 N97-16598

PARKER, J. M.
An exploratory investigation of quasi-free flying models in a supersonic short-duration wind tunnel
p0412 N97-35925

PARKER, J. D.
Forecast of future aviation fuels. Part 1: Scenario
[AAIA CR-158871] p0597 N97-29354

PANDOLFI, N.
Numerical investigations on the generation and development of rotating stall
[ASME PAPER 78-WA/GT-5] p0149 N97-19773

PANFILOVICH, V. B.
Calculation of the working process in a piston-type 'slow' compression wind tunnel
p0525 N97-42546

PARKER, C.
The investigation of aircraft interference problems
p0690 N97-52888

PAPADOPOULOS, N. G.
Effect of inertia of blower on stability of air-cushion vehicle
p0561 N97-44083

PANTASON, P.
Rotary balance data for a single-engine trainer design for an angle-of-attack range of 8 deg to 90 deg
[NASA CR-3099] p0665 N97-31152

PAO, S. P.
A correlation of mixing noise from coaxial jets with inverted flow profiles
[NASA TP-1301] p0420 N97-22849

PAPADAKIS, B. S.
The characteristics of the spray generated by the efflux of various aircraft propulsors impinging
normally on water
p0541 N97-26049

PAPADOPOULOS, N.
Aerodynamic problems in cooled turbine blading design for small gas turbine
p0322 N97-22091

PAPADOPOULOS, N.
Viscous flows in centrifugal compressors
p0329 N97-19387

PAPAIA, J. M.
Development of calorimetric fatigue gauge
[AD-A070844] p0720 N97-33453

PAPAIA, J. M.
Jet curtain airflow for aircraft afterburners
[ASME PAPER 78-GT-95] p0007 N97-10761

PAPAGIATROU, S.
Track-while-scan algorithm in a clutter environment
p0017 N97-11492

PAPADAKIS, B. S.
Multidisc tracking system using radial velocity measurements
p0638 N97-49608

PAPADOPOULOS, N.
Design and analysis of an active jet control system for helicopter slinger loads
[NASA CR-1397] p0221 N97-15970

PAPAIA, J. M.
Antennas for the Black Hawk helicopter
[AH 95-15] p0627 N97-49068

PAPADOPOULOS, N.
Engine evaluation of a vibration damping treatment for inlet guide vanes
[ASME PAPER 79-GT-163] p0395 N97-32425

PAPAIA, J. M.
Probability that the propagation of an undetected fatigue crack will not cause a structural failure
[AD-A057335] p0049 N97-11439

PAPAIA, J. M.
Numerical computation of optimal evasion maneuvers for a realistically modeled airplane pursued by a missile with proportional guidance
[AAIA 79-1624] p0566 N97-45368

PAPAIA, J. M.
High resolution radiography in the aerodynamics industry
p0502 N97-25411

PAPAIA, J. M.
An evaluation technique for determining the cost effectiveness of condition monitoring systems
[ASME PAPER 78-GT-166] p0010 N97-10806

PAPAIA, J. M.
System development of a stall/spin research facility using remotely controlled/augmented aircraft models, Volume 1: Systems overview
[NASA CR-145351] p0180 N97-15101

PAPAIA, J. M.
Aerodynamic development and performance of the CF6-6/LM2500 compressor
[AAIA 79-7030] p0029 N97-29402
Design study and performance analysis of a high-speed multistage variable-geometry fan for a variable cycle engine
[NASA CR-159545] p0498 N97-25202

PAPAIA, J. M.
Development of a structural design procedure for rigid airport pavements
[AD-A065948] p0584 N97-21817

PAPAIA, J. M.
Why doesn't aircraft accident investigation prevent accidents
p0275 N97-27319

PAPAIA, J. M.
Thermochemical characterization of some thermally stable thermoplastic and thermoset polymers
p0169 N97-22774

PAPAIA, J. M.
Thermal response of composite panels
p0250 N97-25350

PAPAIA, J. M.
Release-rate calorimetry of multilayered materials for aircraft seats
[NASA TMI-78594] p0708 N97-32265

PAPAIA, J. M.
Influence and availability of maritime satellite communications and navigation
p0111 N97-17090

PAPAIA, J. M.
ACMR/1 system

PERSONAL AUTHOR INDEX
### Personal Author Index

<table>
<thead>
<tr>
<th>Author</th>
<th>Entry</th>
<th>Page</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAKHOMOVSKII, A. A.</td>
<td>Numerical-analytical solution of the problem of the constrained torsion of a cantilever wing</td>
<td>0064</td>
<td>a79-14233</td>
</tr>
<tr>
<td>PAKHOMOVSKII, A. A.</td>
<td>Approximate solutions of some boundary value problems on aircraft structural integrity</td>
<td>0022</td>
<td>a79-12234</td>
</tr>
<tr>
<td>PARKIN, L.</td>
<td>Air traffic control by distributed management in a MLS environment</td>
<td>0240</td>
<td>a79-17499</td>
</tr>
<tr>
<td>PARKINSON, B. W.</td>
<td>The global positioning system /NAVSTAR/</td>
<td>0574</td>
<td>a79-46466</td>
</tr>
<tr>
<td>PARKINSON, G. V.</td>
<td>Development of a low-correction wind tunnel wall configuration for testing high lift airfoils</td>
<td>0154</td>
<td>a79-20108</td>
</tr>
<tr>
<td>PARTHASARATHI, S. P.</td>
<td>Oscillatory aerodynamics and stability derivatives for airfoil motion storms</td>
<td>0178</td>
<td>a79-15085</td>
</tr>
<tr>
<td>PARRIS, B. L.</td>
<td>The dynamic stability is flight of spinning blunt body projectiles</td>
<td>0179</td>
<td>a79-15092</td>
</tr>
<tr>
<td>PARRIS, V. S.</td>
<td>Three-dimensional pochlestatic stress analysis of the dovetail region of the TP-30 turbine engine's third-stage fan</td>
<td>0308</td>
<td>a79-21079</td>
</tr>
<tr>
<td>PARRAS, D. L.</td>
<td>Software requirements for the A-17 aircraft</td>
<td>0304</td>
<td>a79-18974</td>
</tr>
<tr>
<td>PARRENS, B. L.</td>
<td>Effects of visual and motion simulation cueing systems on pilot performance during takeoffs with engine failures</td>
<td>0162</td>
<td>a79-16082</td>
</tr>
<tr>
<td>PARSIN, H. V.</td>
<td>Effect of image tilt of a virtual image display on simulated transport touchdowns performance</td>
<td>0270</td>
<td>a79-26924</td>
</tr>
<tr>
<td>PARTHASARATIY, G. P.</td>
<td>Twin jet shielding [AIAA PAPER 79-0671]</td>
<td>0270</td>
<td>a79-26924</td>
</tr>
<tr>
<td>PASHAYEV, V. T.</td>
<td>Quality index for an iterative process of optimizing long-range aircraft parameters</td>
<td>0222</td>
<td>a79-26941</td>
</tr>
<tr>
<td>PASTRI, A.</td>
<td>Adaptive approximations in finite element structural analysis</td>
<td>0159</td>
<td>a79-22951</td>
</tr>
<tr>
<td>PASSON, A. J.</td>
<td>In-flight fuel tank temperature survey data [NASA CR-159569]</td>
<td>0043</td>
<td>a79-23940</td>
</tr>
<tr>
<td>PASSUAL, F.</td>
<td>Atmospheric dispersion modeling</td>
<td>0206</td>
<td>a79-23742</td>
</tr>
<tr>
<td>PASSOW, R. T.</td>
<td>Configuration development study of the Y-24C hypersonic research airplane</td>
<td>0218</td>
<td>a79-15940</td>
</tr>
<tr>
<td>PATTI, D. F.</td>
<td>Flight investigation of helicopter LPF approaches to oil rigs using airborne weather and mapping radar [AFS 75-52]</td>
<td>0633</td>
<td>a79-49100</td>
</tr>
<tr>
<td>PAYETEL, R. N.</td>
<td>Aerodynamic forces in finite wings in oscillatory flow - An experimental study</td>
<td>0060</td>
<td>a79-13980</td>
</tr>
<tr>
<td>PAYETSON, J. H.</td>
<td>Scaling effects on drag prediction</td>
<td>00579</td>
<td>a79-28123</td>
</tr>
<tr>
<td>PAYTHAK, P. H.</td>
<td>An asymptotic result for the scattering of a plane wave by a smooth convex cylinder</td>
<td>0579</td>
<td>a79-28123</td>
</tr>
<tr>
<td>PAVLOV, V. G.</td>
<td>An investigation into voltage modulation in aircraft V.S.C.F. systems</td>
<td>00490</td>
<td>a79-24229</td>
</tr>
<tr>
<td>PATEZ, R. H.</td>
<td>Effects of a spin chute installation on spin characteristics</td>
<td>00240</td>
<td>a79-17158</td>
</tr>
<tr>
<td>PATEZ, R. H.</td>
<td>Particle trajectories near an airfoil with a film-cooled leading edge</td>
<td>00535</td>
<td>a79-43678</td>
</tr>
<tr>
<td>PATEZ, R. H.</td>
<td>Spin flight research summary</td>
<td>00452</td>
<td>a79-36705</td>
</tr>
<tr>
<td>PATEZ, R. H.</td>
<td>Flight investigation of piloting techniques and crosswind limitations using a research type crosswind landing gear [NASA TP-1423]</td>
<td>00340</td>
<td>a79-23012</td>
</tr>
<tr>
<td>PATEZ, R. H.</td>
<td>Density distribution in a non-stationary bow wave in a transonic flow</td>
<td>00333</td>
<td>a79-29660</td>
</tr>
<tr>
<td>PATEZ, R. H.</td>
<td>Engine evaluation of a vibration damping treatment for inlet guide vanes</td>
<td>00395</td>
<td>a79-32425</td>
</tr>
<tr>
<td>PATEZ, R. H.</td>
<td>Advanced technology applied to the UH-60A and S-76 helicopters</td>
<td>00344</td>
<td>a79-31172</td>
</tr>
<tr>
<td>PATEZ, R. H.</td>
<td>Evaluation of the navigation performance of shipboard-VTOL-landing guidance systems</td>
<td>00570</td>
<td>a79-17088</td>
</tr>
<tr>
<td>PATEZ, R. H.</td>
<td>Transition aerodynamics for close-coupled wing-canard configuration</td>
<td>00415</td>
<td>a79-19673</td>
</tr>
<tr>
<td>PATEZ, R. H.</td>
<td>Powered low-aspect-ratio wing In Ground effect [WIG] aerodynamic characteristics</td>
<td>00663</td>
<td>a79-31181</td>
</tr>
<tr>
<td>PATEZ, R. H.</td>
<td>Infrared landing system for a mini remotely-piloted vehicle</td>
<td>00191</td>
<td>a79-12093</td>
</tr>
<tr>
<td>PATEZ, R. H.</td>
<td>Correlation aspects of helicopter flight mechanics and pilot behaviour</td>
<td>00332</td>
<td>a79-18667</td>
</tr>
<tr>
<td>PATEZ, R. H.</td>
<td>&quot;Thruster control for airships&quot;</td>
<td>00522</td>
<td>a79-42389</td>
</tr>
<tr>
<td>PATEZ, R. H.</td>
<td>Air buoyant vehicles - Energy efficient aircraft</td>
<td>00610</td>
<td>a79-47919</td>
</tr>
<tr>
<td>PATEZ, R. H.</td>
<td>Influence of bypass ratio change on fan aerodynamic characteristics</td>
<td>00280</td>
<td>a79-27784</td>
</tr>
<tr>
<td>PATEZ, R. H.</td>
<td>The problem of envelope snap-through</td>
<td>00348</td>
<td>a79-32040</td>
</tr>
<tr>
<td>PATEZ, R. H.</td>
<td>Effectiveness of a thin-walled beam</td>
<td>00348</td>
<td>a79-32051</td>
</tr>
<tr>
<td>PATEZ, R. H.</td>
<td>Flexibility of the bearing pedestals of control-surface hinge plates</td>
<td>00567</td>
<td>a79-52185</td>
</tr>
<tr>
<td>PATEZ, R. H.</td>
<td>On the envelope snap-through problem</td>
<td>00569</td>
<td>a79-54045</td>
</tr>
<tr>
<td>PATEZ, R. H.</td>
<td>The smooth approximation method and its application to the mathematical description of the aerodynamic characteristics of a wing</td>
<td>00288</td>
<td>a79-12955</td>
</tr>
<tr>
<td>PATEZ, R. H.</td>
<td>Modeling the sensitivity of a linear system to a decrease in its order by the method of infinitesimal transformation in the problem of yaw control</td>
<td>00348</td>
<td>a79-32040</td>
</tr>
</tbody>
</table>

D-125
<table>
<thead>
<tr>
<th>PERSONAL AUTHOR INDEX</th>
<th>p0972 A79-39037</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAYNE, L. F.</td>
<td></td>
</tr>
<tr>
<td>PAYLOYSKII, P. L.</td>
<td></td>
</tr>
<tr>
<td>PAYNE, L. L.</td>
<td>p0279 A79-27731</td>
</tr>
<tr>
<td>PAYEE, P. R.</td>
<td></td>
</tr>
<tr>
<td>PAVLOVSKII, V. P.</td>
<td></td>
</tr>
<tr>
<td>P11dB, Z.</td>
<td></td>
</tr>
<tr>
<td>PEARSALL, I. S.</td>
<td></td>
</tr>
<tr>
<td>PEACOCK, R. P.</td>
<td></td>
</tr>
<tr>
<td>PECK, C.</td>
<td></td>
</tr>
<tr>
<td>PEASE, C. B.</td>
<td></td>
</tr>
<tr>
<td>PEARSON, D. S.</td>
<td></td>
</tr>
<tr>
<td>PIANO, A.</td>
<td></td>
</tr>
<tr>
<td>PEEL, C.</td>
<td></td>
</tr>
<tr>
<td>PEDRIANI, C.</td>
<td></td>
</tr>
<tr>
<td>PEDERSON, A. P.</td>
<td></td>
</tr>
<tr>
<td>PELACCIO, D. G.</td>
<td></td>
</tr>
<tr>
<td>On modeling sensitivity of a linear system to transformation method in the yaw motion control problem</td>
<td>p0695 A79-54004</td>
</tr>
<tr>
<td>Fabrication research for supersonic cruise aircraft</td>
<td>p0529 A79-43243</td>
</tr>
<tr>
<td>Fabrication and evaluation of advanced titanium structural panels for supersonic cruise aircraft</td>
<td>[NASA CR-2744] p0298 A79-18320</td>
</tr>
<tr>
<td>Wind tunnel test of AJC 2 ejection seat with anthropometric dummy in asymmetric configurations</td>
<td>p0213 A79-24221</td>
</tr>
<tr>
<td>A general solution for distorted flows in cascades of aerofoils</td>
<td>[ASME PAPER 79-GT-65] p0291 A79-32353</td>
</tr>
<tr>
<td>Unsteady effects of circumferential pressure distorted inlet flows in compressors</td>
<td>p0366 A79-20123</td>
</tr>
<tr>
<td>Adaptive approximations in finite element structural analysis</td>
<td>p0199 A79-22951</td>
</tr>
<tr>
<td>Pump design</td>
<td>p0588 A79-28567</td>
</tr>
<tr>
<td>Dynamic data analysis</td>
<td>p0252 A79-25845</td>
</tr>
<tr>
<td>Dynamic response testing of gas turbines</td>
<td>p0196 A79-22332</td>
</tr>
<tr>
<td>The basic geometric shapes and position lines</td>
<td>p0533 A79-43507</td>
</tr>
<tr>
<td>The value of various technology advances for several V/STOL configurations</td>
<td>p0133 A79-18672</td>
</tr>
<tr>
<td>Advanced technology fuel mass flowmeter</td>
<td>p0257 A79-25903</td>
</tr>
<tr>
<td>Applied computer model for investigations of air traffic management problems: A casen in the investigation of two decision strategies</td>
<td>p0242 A79-22018</td>
</tr>
<tr>
<td>Tests to determine the cage explosion tolerance of helicopter fuel tanks</td>
<td>[AD-4063963] p027 A79-25903</td>
</tr>
<tr>
<td>Analysis of a programmed load fatigue failure</td>
<td>[NAR-78-78078] p0599 A79-29562</td>
</tr>
<tr>
<td>Flight testing the Kfir</td>
<td>p0259 A79-26530</td>
</tr>
<tr>
<td>Flight testing the KFIR</td>
<td>p0299 A79-18889</td>
</tr>
<tr>
<td>The effect of fuel sprays on emissions from a gas turbine combustor</td>
<td></td>
</tr>
</tbody>
</table>
Flying NASA's Terminal Configured Vehicle against Visualisations and calculations of air intakes at Crash-resistant fuel systems for general aviation The logistics of life cycle cost Variable geometry torque converter Capabilities and applications of a computer program system for dynamic loads analyses of flexible airplanes with active controls /DTOPLEX/ Flying NASA's Terminal Configured Vehicle against the Microwave Landing System
PETIT, B. U.

Airport plan based on the FIFE conceptual proposal for a remodeled Catania-Pontorosso

PETIT, J. E.

Performance characteristics of a wedge nozzle installed on an H-10 propulsion wind tunnel model

PETRACCA, J. B.

Reduction of computer usage costs in predicting unsteady aerodynamic loadings caused by control surface motions: Analysis and results

PETRACEK, D. B.

Predicted inlet gas temperatures for tungsten fiber reinforced FeCrAlY - A first generation composite turbine blade material

PETRACA, J. B.

Tungsten fiber reinforced FeCrAlY: A first generation composite turbine blade material

PETETIN, A. N.

A surface source and vorticity panel method

PETEIT, J. E.

Reliability of a flight test instrumentation series. Volume 9: Aeroelastic flight test techniques and performance characteristics of future helicopter avionics

PETROVA, P. G.

The application of state-of-the-art in-service inspection methods for graphite epoxy composite structures on commercial transport aircraft

PETRADOVSKII, V. S.

Some types of separated flow past slotted wings

PETROV, P. G.

Sound absorption through flow separation - A new possibility for acoustic attenuation of engines

PETROV, S. L.

Unsteady pressures on a NACA 64A010 airfoil - Experimental and theoretical results

PETROV, A. V.

Some types of separated flow past slotted wings

PETROV, S. G.

Study of the dispersion of oil droplets which form in the oil-system mains of gas-turbine engines

PETROVSKII, V. S.

Application of a laminar lighting device to the steady aerodynamics of in-flow wind tunnels

PETUKH, N.

Experimental and theoretical results

PHALEN, L. J.

Operational influences on maintainability

PHAM, C. L.

Construction of a refrigerated wind tunnel with a supercooled droplet production system for research on icing

PHATAK, A. V.

A piloted simulator investigation of helicopter performance decelerating approaches to hover, to determine single-pilot IFH/SIFIR/ requirements

PHelps, W.

An integrated analytical and experimental investigation of helicopter hub drag

PHelps, W., III

Wind-tunnel investigation of an armed mini rocket system for aircraft

PHILBET, N.

Application of a laminar lighting device to the steady aerodynamics of in-flow wind tunnels

PHILLIPS, E. D.

Flight investigation of helicopter IFR approaches to oil rigs using airborne weather and mapping radar

PHILLIPS, J. D.

All electric subsystems for next generation transport aircraft

PHILLIPS, J. R.

The application of reinforcement plastics to the emergency repair of aircraft

PHILLIPS, W.

The 214 fiberglass blade - Design for inspectability

PHOU, T. T.

Program REY - A wing structural optimization computer program for preliminary design of fighter aircraft

PIL, W. S.

Aircraft wake flow effect and horizontal tail buffet

PIERCI, J. J.

Escape system trajectory sensitivity analysis

PIERSO, A.

Investigation of the profile drag and the mean and pulsation velocities in the wake of wings by means of a laser Doppler anemometer

PEK, B. U.

Aircraft engine icing, technical summary

PETERS, E. D.

Airfield identification of light aircraft

PETERS, S.

Application of the method of alternating directions to the numerical analysis of the thermal states of a bladed turbine disk

PETEIT, J. E.

Aircraft wake flow effect and horizontal tail buffet

PETEIT, J. E.

Some observations on the mechanism of aircraft wing rock

PETEIT, J. E.

Investigation of steady and fluctuating pressures associated with the transonic buffeting and wing rock of a one-seventh scale model of the P-5A aircraft

PETEIT, J. E.

Superconducting stator winding of an electric aircraft generator

PETEIT, J. E.

Damping of the roll motion of an aircraft in the vicinity of the critical speed

PETEIT, J. E.

Theoretical investigations into the stability of aeroelastic systems

PETEIT, J. E.

Aircraft wake flow effect and horizontal tail buffet

PETEIT, J. E.

Aircraft wake flow effect and horizontal tail buffet

PETEIT, J. E.

Aircraft wake flow effect and horizontal tail buffet

PETEIT, J. E.

Aircraft wake flow effect and horizontal tail buffet
for the 1980s within the province of the Federal Institute of Air Traffic Control

PLECKAITIS, C. A. Integrated Avionics Control System (IACS) [AD-A056476] p0037 N97-10056

PLECKAITIS, C. A. Integrated Avionics Control System (IACS) [AD-A056476] p0037 N97-10056


PLUNKETT, R. T. Attckeberry tests in the Modane hot gas bench [AAAP-VJ-78-10] p0437 N97-23995

PLOEDEL, B. R. Duct noise radiation through a jet flow p0642 A79-50110


PLOWE, J. A. Lightning protection with segmented diverter points [AD-A079-25317] p0249 A79-25317

A new standard for lightning qualification testing of aircraft Technical overview, definitions and basic waveforms p0680 A79-51128

Laboratory test procedures to determine lightning attachment points on actual aircraft parts /A qualification test/ p0681 A79-51133

Laboratory tests to simulate lightning streamers at apertures /A qualification test/ p0682 A79-51138

Protection methods for hardware p0683 A79-51145

Summary report of the Lightning and Static Electricity Committee p0243 N97-17427

A new standard for lightning qualification testing of aircraft: Technical overview, definitions and basic waveforms p0249 A79-25317


PLOMER, J. R. Copter windshield made tougher - Special coating extends life, adds safety p0040 A79-33588

POCHTEL, L. S. An assessment of local risk p0426 N97-22207

Advanced risk assessment of graphite fibers on electronic and electric equipment, phase 1 [NASA-CR-159027] p0586 N97-28419

PODZERBA, V. M. Some possible applications of identification theory techniques in telemetry p0451 A79-36599

PODZERBA, V. A. Investigation of the electification of an aircraft model by a humid airstream in a wind tunnel p0020 A79-12162

PODSCHANK, T. Considerations regarding velocity distribution and wall friction in incompressible axisymmetric turbulent boundary layers with transverse curvature p0339 A79-29694

POFIDE, G. L. Influence of the pitch/chord ratio of a supersonic cascade of turbine blades p0083 A79-16792

On the influence of relative pitch in the supersonic turbine cascade p0613 A79-48503

POGGE, G. B. Some recent developments in solid propellant gas generator technology [AAIA 79-0707] p0511 A79-40761


Benefits of spanwise blowing at transonic speeds [ONEBA, TP NO. 1978-98] p0152 A79-20082

Effect of spanwise blowing in the angle-of-attack regime alpha equals 0 plus 90 deg [ONEBA, TP NO. 1978-80] p0152 A79-20083

Some new approaches for wind-tunnel testing through the use of computers [AIAA 79-0707] p0277 A79-27367

Slender wings for civil and military aircraft /Eighth Theodore von Karmen Memorial Lecture/ [ONEBA, TP NO. 1979-123] p0514 A79-41766

The New European subsonic aerodynamics testing facilities [ONEBA, TP NO. 1979-97] p0516 A79-42066

Energy conservation aircraft design and operational procedures p0107 N97-13200

Some factors affecting the dynamic stability derivatives of a fighter-type model p0176 N97-15071

Aerodynamic characteristics of a fighter-type configuration during and beyond stall conditions p0413 N97-22003

Special ground testing facilities and testing techniques for SVOL aircraft p0340 N97-23007

POJETA, Z. J. Determining the contour of helicopter rotor blades automatically using electro-optical techniques [ABS 79-32] p0630 A79-49084


PONETTE, B. V. Longitudinal motion of an aircraft in unsteady flow p0212 A79-24194

POLIS, A. W. Transfer function modeling of air traffic concentration p0128 A79-18635

POLIS, A. W. Construction of an initial approximation for the solution of the integral equation of a lifting surface p0047 A79-35928

POLIS, A. W. Application of the method of alternating directions to the numerical analysis of the thermal states of a bladed turbine disk p0083 A79-16607

Auxiliary gas turbine engines for aircraft p0185 A79-20672

Nonstationarity of heat transfer in the blade cascade of an axial-flow turbine during engine start-up p0527 A79-42572

Use of the method of variable directions for numerical study of the temperature states of a turbine disk with blades p0613 A79-48518

POLISOVSKII, A. D. Aviation centrifugal pump equipment /2nd revised and enlarged edition/ p0346 A79-31902

POLST, D. W. Injuries in air transport emergency evacuations p0661 A79-49995

Injuries in air transport emergency evacuations [AD-A069372] p0581 N97-28160

POLST, D. W. Demonstration of potential acoustic gains from conventional cabin soundproofing treatments p0135 A79-18692


A simple method of adapting a wind tunnel Schlieren system for interferometry [AD-A067233] p0549 N97-25073


B-130
POURADIER, J. R. Design and wind tunnel testing of 1.5 m diameter model rotors 
[AD-A052377] p0350 A79-18446
POVAROV, O. A. Study of the dispersity of oil droplets which form in the oil-system mains of gas-turbine engines [AIAA PAPER 79-1508] p0039 A79-10504
POWELL, C. A. Effects of duration and other noise characteristics on the annoyance caused by aircraft-flyover noise [NASA-TP-1386] p0375 A79-20632
POWERS, R. N. Flight test experience with an adaptive control system using a maximum likelihood parameter estimation technique [AIAA 79-7022] p0350 A79-45377
POWERS, E. N. TASK-1, a thinned adaptive synthetic aperture radar [AIAA PAPER 79-27135] p0374 A79-19715
PRICE, E. P. TASAB, a thinned adaptive synthetic aperture radar [NASA CR-159067] p0426 A79-49585
PRICE, J. L. Turbine design system [AD-A066092] p0487 A79-23974
PRICE, N. A. Advanced flight control actuation system (AFCAS-I/P) : Feasibility investigation of an electro/pneumatic dual power driven concept [AD-A063992] p0425 A79-22114
PRICE, D. R. A reliable and survivable data transmission system for avionics processing [AIAA 79-29181] p0486 A79-21999
PRICE, M. E. Effects of Reynolds number and other parameters on the throttle-dependent, nozzle/afterbody drag of a 0.11 scale single-engine aircraft model [AIAA PAPER 79-1167] p0508 A79-40481
PREWITT, J. R. Surface current injection techniques - A theoretical investigation [AIAA 79-30155] p0336 A79-19767
PERSONAL AUTHOR INDEX

RADFORD, R. P.
A new three-dimensional surveillance radar
p0637 N79-49568

RADFORD, R. C.
An X-22A flight experiment to investigate
control-display requirements for the AV-8B VTOL
aircraft
p0332 N79-29484

An experimental investigation of control-display
requirements for a jet-lift VTOL aircraft in the
terminal area
AD-A068818
p0583 N79-28175

RADUGKE, I. E.
Region of a plane pointed profile in supersonic flow
p0528 N79-43136

RAE, W. H., Jr.
Improvement of flow quality at the University of
Washington low-speed wind tunnel
[ AIAA-PAPER 78-815 ]
p0368 N79-20144

RAE, W. J.
A study of inlet conditions for three-dimensional
transonic compressor flows
[ AD-A062668 ]
p0261 N79-20086

Theoretical studies of three-dimensional transonic
flow through a compressor blade row
[ AD-A071020 ]
p0702 N79-32172

RAPER, E.
Direct experimental verification of the
theoretical model predicting rotor noise
generation
[ AIAA PAPER 79-0658 ]
p0268 N79-26894

RAHMAN, A. G.
X-44 Skyray development: Now it can be told
p0309 N79-18897

RAINEY, R. I.
Computer analysis of semi-monocoque shell sections
p0689 N79-52718

RAJANGAR, S. C.
An in-flight simulator investigation of roll and
yaw control power requirements for STCL approach
and landing: Development of capability and
preliminary results
[ NASA-CR-152307 ]
p0555 N79-29196

RAJ, P. F. K.
An assessment of the risks presented by the use of
carbon fiber composites in commercial aviation.
Volume 1: Final report. Volume 2: Supporting
appendices
[ NASA-CR-158699 ]
p0295 N79-18074

RAJAN, N.
The extremal trajectory map - A new representation
of control capability
[ AIAA 79-1622 ]
p0566 N79-45304

RAJAPAKSE, V. N.
Advanced environmental cooling concepts for
supersonic aircraft
[ ASME Paper 79-EMAS-21 ]
p0237 N79-12570

Unique cruise/escape concepts for ATC mission aircraft
p0403 N79-33636

Integration of air cushion landing system
technology into the JERIERTY remotely piloted
vehicle
[ AD-A056004 ]
p0692 N79-12075

RAJU, L. S.
Stress-intensity factors for a wide range of
semi-elliptical surface cracks in
finite-thickness plates
p0316 N79-28890

RAJCH, J. V.
Computation of supersonic viscous flows over
ogive-cylinders at angle of attack
[ AIAA PAPER 79-0131 ]
p0200 N79-23517

RAJWAN, R. N.
A stall criterion for cascades
p0383 N79-21060

RAJWANT, J. N.
Aerodynamic characteristics of forebody and nose
streaks based on F-16 wind tunnel test
experience. Volume 1: Summary and analysis
[ NASA-CR-3053 ]
p0580 N79-28143

RAJACHANDRA, S. H.
Air-inlet engine matching problems of a jet aircraft
[ AIAA 79-7004 ]
p0277 N79-29380

Some early experiments in the development of a
flying platform for aerodynamic testing
p0603 N79-47535

RAMEY, J. K.
Design considerations for implementing integrated
mission-tailored flight control nodes
p0356 N79-20022

Design considerations for reliable EW flight
control
p0659 N79-30231

BARHANSKY, T. S.
Design of two-dimensional external compression
supersonic inlets
p0067 N79-14517

RANICHER, K.
Air fleet and facility planning via optimal
control models
p0265 N79-26725

A decision theory model for health monitoring of
aeroengines
p0284 N79-20381

RANDIK, D. J.
A static acoustic signature system for the
analysis of dynamic flight information
p0040 N79-10852

JAVAID, M. V.
Measuring the moment imparted by a liquid pump in
start-up regime
p0525 N79-42550

RANSTEDT, N.
Experience with integrated navigation involving
compensation according to the method of the
least squares
p0115 N79-17679

RANSBURN, J. H.
Aircraft glassmaker
p0005 N79-34470

CFB56 - Franco-American ten-tonne turboshaft
production launch
p0512 N79-41207

Lusaka accident report
p0642 N79-50109

Flammability of cabin furnishing materials
p0693 N79-53722

RANZE, C.
Advanced composite cover to substructure
attachment technology
p0208 N79-24079

RANZE, R. D.
Design maneuvers loads for an airplane with an
active control system
[ AIAA 79-0738 ]
p0323 N79-29049

RANDALL, J. L.
Computer program to calculate three-dimensional
boundary layer flows over wings with wall mass
transfer
[ NASA-CR-3123 ]
p0830 N79-23016

RANZEL, W. C.
The trajectories of spherical particles in flow
through cascaded turning vanes
[ ED-220 ]
p0437 N79-23065

RANZT, J.
An RP compatible lightning diverter strip
p0297 N79-18237

RANZT, J. P.
Preliinary noise tradeoff study of a Mach 2.7
cruise aircraft
[ NASA-TM-78732 ]
p0386 N79-21868

RAO, B. M.
Theoretical prediction of dynamic stall on
oscillating airfoils
[ NASA-78-61 ]
p0125 N79-18183

RAO, D. M.
Aerodynamic side-force alleviator means
[ NASA-CCAR-LAR-12326-1 ]
p0207 N79-17813

RAO, V. S.
Design specifications for the capped balloons with
special reference to their survival in the
equatorial tropopause
[ AIAA 79-0426 ]
p0262 N79-26635

RAO, K. N.
Some low speed experimental results on the effects
of swirl and velocity distribution on an
axis-symmetric jet
p0194 N79-21999

RAO, M. D. N.
Design of two-dimensional external compression
supersonic inlets
p0067 N79-14517

RAO, P. K.
An information matrix approach for aircraft
parameter-insensitive control
p0070 N79-14977

RAO, S. S.
Optimization of wing structures to satisfy
REED, D.
Investigation and litigation
p0158 A79-22710

REED, D.
Evaluation of pylon focusing for reduced helicopter vibration
[AD-A0697112] p0455 A79-30196

REED, F. E.
NC equipment spurs blisk manufacture - Full-scale production slated
p0400 A79-33589

REED, J. A.
Tunnel 16T performance: Two-and three-stage compressor performance
[AD-A070731] p0708 A79-32221

REED, W. E.
Discrete address beacon system. A bibliography with abstracts
[NTIS/PS-79/0244/6] p0848 A79-23945

拘wave landing systems. Citations from the
[NTIS/PS-79/0777/7] p0714 A79-33186

Microwave landing systems. Citations from the
[NTIS/PS-79/0778/6] p0714 A79-33187

REED, W. H.
Decoupler pylon - a simple, effective wing/store flutter suppressor
[ADIA 79-0791] p0322 A79-29035

REEDER, J. P.
Operational benefits from the Terminal Configured Vehicle
p0004 A79-10390

REEDSTYNE, D. C.
Effect of forward velocity and crosswind on the reverse-thrust performance of a variable-pitch fan engine
[ADIA PAPER 79-0105] p0200 A79-23512

Effect of forward velocity and crosswind on the reverse-thrust performance of a variable-pitch fan engine
[NASA-72-79059] p0174 A79-15049

REEDLE, R. L.
Analysis of water ingestion effects in axial flow compressors
[AD-A055925] p0103 A79-13052

REEGE, C. D.
Reproducibility of structural strength and stiffness for graphite-epoxy aircraft spoilers

REEBACH, C.
Unsteady calculation of vortex sheets emitted by highly inclined lifting surfaces
[ONERA, TP N0. 1978-188] p0127 A79-18551

REELY, K. D.
Drone forgiveness control system /DFCS/ - A new generation test range system
p0844 A79-36084

REIBAUD, J.
Inflight utilization of an optical fiber transmission system on a Falcon 10 aircraft
p0376 A79-20986

REICH, A.
Coherent optical processing for missile guidance
p0684 A79-51466

REICH, H.
Increasing the accuracy of integrated Doppler/TACAN navigation through frequent change of TACAN stations
p0514 A79-41778

REID, J. G.
Estimation of aircraft target motion using pattern recognition orientation measurements
p0612 A79-47987

REID, L.
Performance of single-stage axial-flow transonic compressor with rotor and stator aspect ratios of 1.19 and 1.26, respectively, and with design pressure ratio of 1.82
[NASA-T7-1338] p0037 A79-10060

Aerodynamic performance of axial-flow fan stage operated at nine inlet guide vane angles
[NASA-T7-15101] p0671 A79-31214

REIF, H. G.
Total environment survivability methodology
[AD-A061888] p0303 A79-18971

An operational research investigation of the ice-detection capability and utility of the surface condition analyzer (SCAN) system and its applicability to Navy-wide use

PERSONAL AUTHOR INDEX

REELLY, H. J.
Development of crashworthy passenger seats for general-aviation aircraft
[NASA-CP-159100] p0666 A79-31166

REELLY, H. S.
Development of an integral fuel injection concept for staged combustors
[ADIA PAPER 79-0384] p0147 A79-19701

REELLY, V. N.
Derivation of flight-by-flight spectra for fighter aircraft
p0563 A79-44662

REINHARD, J. A.
A small aircraft gust-probe system for studies of boundary layer convection and transport
p0193 A79-21972

REIDAN, E. T.
Electric power system for new-technology transport power-by-wire airplane
p0615 A79-48616

REIDING, J.
Digital Avionics Information System /DAIS/ and Advanced Integrated Display System /AIDS/ cockpit programs
p0332 A79-29485

REIDING, J. N.
Multifunction keyboard implementation study
p0501 A79-25046

REIDER, B. H.
The total energy cost of freight transport
p0065 A79-14322

RIG, E.
Windshear indication systems
p0687 A79-52349

REIFFER, P.
Systen integration analysis for future tower cab configurations/systems
[AD-A059006] p0161 A79-14066

REIBAUD, J.
2D simulation of unsteady phenomena on a rotor
p0129 A79-18646

Retreating blade and dynamic stall
p0389 A79-32294

REBERTI, G. T.
Qualification tests for helicopters to be used on board ships

REIBERG, J. E.
An extension of the classical cascade model to a 3D model for blade-hub and blade-casing interaction - Experiments and calculations
[AD-A045299] p0322 A79-29401

REIBEL, V.
Design of a typical aeronautical structure from carbon-resin composites
p0336 A79-30174

REPTON, W. J.
Mechanical characterization of structural adhesives
p0696 A79-54238

Structural properties of adhesives, volume 1
[AD-A065500] p0488 A79-28655

REUBERK, E. M.
Estimate of the noise immunity of a double-PSK system in communications channels with fading
p0346 A79-31691

REUBOTO, K.
Drain reduction by cooling in hydrogen fueled aircraft
p0152 A79-20804

Drain reduction by cooling in hydrogen-fueled aircraft
p0641 A79-49921

REUELLE, J. B., JR.
Unsteady boundary layer flow reversal in a longitudinally oscillating flow
[AD-A063140] p0371 A79-20349

REETON, J.
Numerical computation of optimal evasive maneuvers for a realistically modeled airplane pursued by a missile with proportional guidance
[ADIA 79-1624] p0566 A79-45306

REUBUSH, D. M.
An experimental and theoretical investigation of the effect of nonmetric over-the-wing nacelles on wing-body aerodynamics
p0193 A79-21972
FIRESTONE, C. B.
Chemical analysis of advanced composite prepregs and resins
p0530 A79-43264

FIRESTULL, D. D.
New techniques in jet engine balancing
p0507 A79-40314

FIRESTULL, D. D.
Computer Monitor and Control - A flexible, cost-effective implementation
p0618 A79-48670

FIRESTULL, E. D.
Turbulence characteristics in the near wake of a compressor rotor blade
[AIAA PAPER 79-0320]
p0260 A79-26544

FIRESTULL, E. D.
Characterization of the wake of a lightly loaded compressor or fan rotor
[AIAA PAPER 79-0550]
p0253 A79-25961

FIRESTULL, E. C.
A gas path performance diagnostic system to reduce J75-P-17 engine overhaul costs
[AERONAUTICAL SCIENCE PAPER 78-07-16]
p0002 A79-10267

FIRESTULL, E. C.
Fanjet cost estimating handbook [AD-4056991]
p0594 A79-29188

FIRESTULL, E. J.
FIA proposes that the standard noise model be the integrated noise model /188/
p0409 A79-38975

FIRESTULL, F. T.
The Learjet Longhorn series - The first jets with winglets
p0260 A79-26532

FIRESTULL, J. S.
Jet discharge coefficient through openings for parallel flow
[AIAA 79-7050]
p0331 A79-29418

FIRESTULL, J. S.
Concepts for reducing exhaust emissions and fuel consumption of the aircraft piston engine
[SAE PAPER 790605]
p0456 A79-36739

FIRESTULL, J. S.
Results of power systems study advanced fighter/attack and V/STOL airplanes
p0686 A79-51915

FIRESTULL, C. G.
Strength toughness in titanium alloys [AD-0067865]
p0543 A79-26176

FIRESTULL, D. L.
Factors affecting electrostatic hazards [AD-0066927]
p0501 A79-25285

FIRESTULL, J.
Estimation of compressible flows in turbomachines by an axisymmetric calculation method
[CHAPMAN, TP NO. 1979-60]
p0474 A79-39096

FIRESTULL, E.
A three-dimensional flow computing system applicable to axial and radial flow turbomachines
p0587 A79-28558

FIRESTULL, R. G.
Notion in flight simulation: An annotated bibliography [AD-1061687]
p0500 A79-25082

FIRESTULL, R. E.
Adaptive approximations in finite element structural analysis
p0199 A79-22951

FIRESTULL, C. I.
Cockpit management
p0299 A79-18890

FIRESTULL, D. D.
Chemical analysis of advanced composite prepregs and resins
p0530 A79-43264

FIRESTULL, J. W.
Digital flight control reliability - Effects of redundancy level, architecture and redundancy management technique
[AIAA 79-1893]
p0573 A79-45418

FIRESTULL, N.
A comparison of hydraulic, pneumatic, and electro-mechanical actuators for general aviation flight controls
[SAE PAPER 790623]
p0458 A79-36755

FIRESTULL, P. A.
Droop formation control system /DFCS/ - A new generation test range system
p0484 A79-36084

FIRESTULL, E. A.
Digital Avionics Information System (DAIS): Development and demonstration
[AD-4060038]
p0593 A79-29181

FIRESTULL, E. J.
Fracture mechanics and fail-safe design for helicopter rotor structures
p0273 A79-26598

FIRESTULL, E. J.
Finite element analysis of helicopter structures
p0039 A79-10453

FIRESTULL, E. J.
A program to compute three-dimensional subsonic unsteady aerodynamic characteristics using the doublet lattice method, L216 (DUBFLX). Volume 1: Engineering and usage
[NASA-CH-2849]
p0702 A79-32163

FIRESTULL, E. J.
Passenger ride quality in transport aircraft
p0025 A79-12396

FIRESTULL, P. H.
Preliminary studies using photon correlation velocimetry in turbomachinery and combustion systems
p0405 A79-34314

FIRESTULL, E. B.
Principles of helicopter performance
[AD-4061671]
p0303 A79-18970

FIRESTULL, E. B.
The air-superiority fighter
p0118 A79-18096

FIRESTULL, D. E.
Weapons for the black-box war
p0408 A79-34824

FIRESTULL, D. E.
Selection of aircraft turbocharger systems
[SAE PAPER 790608]
p0563 A79-48600

FIRESTULL, D. E.
A-10 static structural test program
p0715 A79-33192

FIRESTULL, D. E.
Active-control design criteria
p0236 A79-16867

FIRESTULL, D. E.
Active control transport design criteria
[SAMPE PAPER 6663]
p0633 A79-23065

FIRESTULL, D. E.
Design and development of a rotating water table for flow studies in turbomachinery stages
[SAMPE PAPER 78-WA-DE-16]
p0148 A79-17962

FIRESTULL, D. E.
A new baseline for the inertial navigation strapdown simulator program. Volume 3: Program development and demonstration
[AD-4062807]
p0281 A79-21037

FIRESTULL, D. E.
A new baseline for the inertial navigation strapdown simulator program. Volume 2: Analytical development
[AD-4062808]
p0281 A79-21038

FIRESTULL, D. E.
A new baseline for the inertial navigation strapdown simulator program. Volume 1: Introduction and summary
[AD-4062809]
p0381 A79-21037

FIRESTULL, D. E.
A new baseline for the inertial navigation strapdown simulator program. Volume 2: Analytical development
[AD-4062808]
p0281 A79-21038

FIRESTULL, D. E.
A new baseline for the inertial navigation strapdown simulator program. Volume 3: Program development and demonstration
RIESE, J.
and description and users guide [AD-A0628089]
p0381 A79-21039

RIESE, J.
Starjah - An airport out of Arabian Nights p0536 A79-43732

RITTOFFEN, R.
Air traffic control requirements from the viewpoint of the airport [DGLR PAPER 79-025] p0518 A79-42353.

RITTMUELLER, R.
Review of the Rhein-Flugzeugbau Wankel powered aircraft program p0227 A79-15966

RITZSCHEN, J.

RIPPEL, R. E.
Time-variant aerodynamics of oscillating airfoil surfaces in a supersonic flowfield p0406 A79-34531

The unsteady aerodynamics of a cascade in translation p0555 A79-27180

RIPPIOD, N.
System for confirming ILS or MLS for Cat III type landing without decision height p0056 A79-13262

RIGBYE, P.
Potential applications of a high altitude powered platform in the ocean/coastal zone community [AIAA 79-1602] p0523 A79-42396

RIHA, B.
Control system requirements for aircraft gas turbine engines p0026 A79-12530

RILEY, B. L.
Composite wing technology on the AV-8B advanced aircraft [ANS 78-53] p0124 A79-18176

RILEY, R. W.
A modular C3 concept for air traffic control p0205 A79-23591

RILEY, W. W.
Engine/airframe/drive train dynamic interface documentation [AD-A063237] p0382 A79-21047

RING, D.
Monitoring stratospheric winds with Concorde-generated infrasound p0574 A79-46225

RINGE, J. R.
Direct drive control valve for fly-by-wire flight control system actuators [AD-A062030] p0306 A79-19007

RING, W. E.
Total environment survivability methodology [AD-A061888] p0303 A79-19871

RING, T. R.
The dynamic ice detector for helicopters p0031 A79-10010

Iceing test facilities in Canada p0173 A79-15043

RIO, H. A.
Turbine engine automated trim balancing and vibration diagnostics [AIAA PAPER 78-07-129] p0009 A79-10793

LASER balancing demonstration on a high-speed flexible rotor [AIAA PAPER 78-07-56] p0391 A79-32351

ROBIC, D.

RIVILO, R. M.
Structures for hypersonic airbreathing tactical missiles p0387 A79-21437

RIVIN, M. I.
Aircraft antenna systems p0564 A79-48692

RIZZI, D. P.
The aerelastic analysis of a two-dimensional airfoil in transonic flow [AD-A057505] p0087 A79-12023

RIZZI, A.
Shock waves around bodies travelling at slightly greater than sonic speed p0333 A79-29659

PERSONAL AUTHOR INDEX

ROACHE, P. J.
Semidirect computation of three-dimensional viscous flows over suction holes in laminar flow control surfaces [NASA-CR-150117] p0378 A79-21005

ROBINS, J.
An EF compatible lighting diverter strip p0297 A79-18237

ROBBINS, R. D.
Laboratory tests to determine the possibility of ignition of fuel vapors by lightning p0681 A79-51135

ROBBINS, T.
Compact engine generator program [AD-A060216] p0166 A79-16111

ROBERT, J.
Remote control for a gas turbine engine p0133 A79-18674

ROBERTS, E. A.
Thunderstorms turbulence investigations for 1973-1974 in support of the National Severe Storms Laboratory (NSSL) [AD-065943] p0445 A79-23604

ROBERTS, P. E.
Wide range operation of advanced low NOx aircraft gas turbine combustors [AIAA PAPER 78-07-120] p0009 A79-10792

ROBERTS, R. W.
A design point correlation for losses due to part-span dampers on transonic rotors [AIAA PAPER 78-07-153] p0010 A79-10802

High speed smoke flow visualization for the determination of cascade shock losses [AIAA PAPER 79-0042] p0138 A79-19495

Calculation of laminar separation bubbles and their effect on airfoil performance [AIAA PAPER 79-0205] p0144 A79-19645

An off-design correlation of part span damper losses through transonic axial fan rotors [AIAA PAPER 78-07-65] p0360 A79-32329

Low-turbulence high-speed wind tunnel for the determination of cascade shock losses [AIAA PAPER 78-07-129] p0394 A79-32398

ROBERTSON, D. J.
Recent progress in rotorcraft and powered-lift research p0401 A79-33607

ROBERTSON, L. A.
RC content of turbine engine exhaust p0138 A79-19358

ROBERTSON, J. E.
Advanced crew station concepts, displays, and input/output technology for civil aircraft of the future p0679 A79-51091

ROBERTSON, J. M.
Producing light aircraft - Three viability case studies p0450 A79-36376

ROBERTSON, S. H.
A method for selecting a crushworthy fuselage design p0321 A79-19661

ROBEY, A. G.
The development and structure of turbulent jet flows p0137 A79-18837

ROBUS, A. W.
High-performance wings with significant leading-edge thrust at supersonic speeds [AIAA PAPER 79-1871] p0610 A79-47924

B-138
Aerodynamic characteristics at Mach numbers of 1.5, 1.8, and 2.0 of a blended wing-body configuration with and without integral canards [NASA TP-1427].

ROBINSON, C. E.
Evaluation of an ejector-powered engine simulator at transonic Mach numbers [AIAA PAPER 79-1165].

ROBINSON, R. B.
Enhanced pulse thermodynamic effects on nonaxisymmetric nozzle afterbody performance in transonic flow [AD-A057363].

ROBINSON, D. A.
The impact of alternate fuels on aircraft configuration characteristics [AD-A066983].

ROBINSON, G. D.
Asymmetric distortion generation in a variable height annulus [AIAA 79-7002].

ROBINSON, H. N.
Enhanced capabilities of future fighters as a result of HIRMAT [AIAA PAPER 79-0608].

ROBINSON, R. B.
Impact of advanced technologies on aircraft design [AIAA PAPER 79-1460].

From HIRMAT to future fighters [AIAA PAPER 79-1816].

ROBINSON, P.
The development and in-flight evaluation of a tripleplex digital autostabilization system for a helicopter [AIAA PAPER 79-0610].

ROBINSON, R. B.
Real-time/near real-time recce wideband data links [AIAA PAPER 79-1714].

ROBINSON, R. B.
Multichannel infrared receiver performance [AIAA PAPER 79-35210].

Performance of a pulse-decode circuit in the presence of interference.

ROCH, A. J., Jr.
The impact of operational requirements on STOL propulsion concept selection [AIAA PAPER 79-1293].

ROCH, J. H.
Avionics design for testability - An aircraft system's viewpoint [AIAA PAPER 79-19018].

ROCHE, D. R.
Application of direct-inverse techniques to airfoil analysis and design [AIAA PAPER 79-20035].

ROCHE, R. C.
Multivariable control design principles applied to a variable cycle turboprop engine [AIAA PAPER 79-1113].

RODAM, J. J. A.
Engine rotor burst containment/control studies [AIAA PAPER 79-2166].

RODCHENKO, V. G.
Method of eliminating static and dynamic errors in the reproduction of motion of TV-simulator displays [AIAA PAPER 79-12153].

RODWIN, W. P.
Aeroelastic addition to NASTRAN [NASA CR-3094].

RODDER, D. A.
Thrust and mass flow characteristics of four 36 inch diameter tip turbine fan thrust vectoring systems in and out of ground effect [NASA CR-152239].

RODGEZ, C.
Design and development of a monorotor gas turbine auxiliary power unit [AIAA PAPER 78-WA/GT-2].

Starting torque characteristics of small aircraft gas turbines and LP/gas [AIAA PAPER 79-GT-95].

The monorotor gas turbine [AIAA PAPER 79-1230].

RODGER, T. N.
An optical communication system for aircraft [AIAA PAPER 79-20034].

RODI, P.
Thrust and mass flow characteristics of four 36 inch diameter tip turbine fan thrust vectoring systems in and out of ground effect [NASA CR-152239].

B-139
<table>
<thead>
<tr>
<th>PERSONAL AUTHOR INDEX</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROUX, J. A.</td>
</tr>
<tr>
<td>IB scanning camera measurements of an exhaust plume from an axisymmetric nozzle afterbody model at transonic Mach numbers</td>
</tr>
<tr>
<td>ROY, W. S.</td>
</tr>
<tr>
<td>Reduction of computer usage costs in predicting unsteady aerodynamic loadings caused by control surface motions: Analysis and results</td>
</tr>
<tr>
<td>ROYALD, G.</td>
</tr>
<tr>
<td>Conflict alert for the air traffic control system</td>
</tr>
<tr>
<td>ROY, J. A.</td>
</tr>
<tr>
<td>Unique environmental test facilities at Orlando Division of Martin Marietta Aerospace</td>
</tr>
<tr>
<td>ROYAL, A. C.</td>
</tr>
<tr>
<td>An analytical method for designing low noise helicopter transmissions</td>
</tr>
<tr>
<td>ROSENBAAL, H. L.</td>
</tr>
<tr>
<td>A segmented mission analysis program for low and high speed aircraft. Volume 3: Demonstration problems</td>
</tr>
<tr>
<td>ROSENBAAL, D.</td>
</tr>
<tr>
<td>The design and aerodynamic characteristics of an 18% thick shock-free airfoil (MLR 7500)</td>
</tr>
<tr>
<td>ROBENSTERSKII, K. V.</td>
</tr>
<tr>
<td>Motion of rectangular wing between parallel walls</td>
</tr>
<tr>
<td>ROBUS, A. I.</td>
</tr>
<tr>
<td>Contribution to the asymptotic theory of flows at the trailing edge of a slender wing</td>
</tr>
<tr>
<td>ROBERT, P. E.</td>
</tr>
<tr>
<td>A comparison of panel methods for subsonic flow computation</td>
</tr>
<tr>
<td>Transonic wing redesign using a generalised fictitious gas method</td>
</tr>
<tr>
<td>ROBERT, R. J.</td>
</tr>
<tr>
<td>The effect of standardization of avionics software quality assurance</td>
</tr>
<tr>
<td>ROBER, J.</td>
</tr>
<tr>
<td>Distributed time division multiple access /DTDMA/ - An advanced communication technique with application to CCC and integrated CNI</td>
</tr>
<tr>
<td>Distributed TDMA - An approach to JTEDS phase II</td>
</tr>
<tr>
<td>ROBER, L.</td>
</tr>
<tr>
<td>Applications of metal-matrix composites, the emerging structural materials</td>
</tr>
<tr>
<td>ROBER, S. G.</td>
</tr>
<tr>
<td>Boundary layer induced secondary flows due to wing-body interference</td>
</tr>
<tr>
<td>ROBERTS, K. A.</td>
</tr>
<tr>
<td>Method of determining precipitates formed during use and storage of synthetic oils</td>
</tr>
<tr>
<td>RUCK, G. T.</td>
</tr>
<tr>
<td>Satellite interferometer as an advanced navigation/communication system</td>
</tr>
<tr>
<td>RUCKER, R. A.</td>
</tr>
<tr>
<td>ATC accommodation of fuel conservative turbojet operations</td>
</tr>
<tr>
<td>RUDAKOV, V. L.</td>
</tr>
<tr>
<td>Aircraft design and strength /2nd revised and enlarged edition/</td>
</tr>
<tr>
<td>RUDGE, R. J.</td>
</tr>
<tr>
<td>Aircraft velocity and altitude measurements using a tunable diode laser</td>
</tr>
<tr>
<td>RUDGE, R. A.</td>
</tr>
<tr>
<td>Characteristics and combustion of future hydrocarbon fuels</td>
</tr>
<tr>
<td>Impact of future fuel properties on aircraft engines and fuel systems</td>
</tr>
<tr>
<td>RUDZUS, V. Y.</td>
</tr>
<tr>
<td>Semi-automatic control of aircraft: Systems of manual aircraft control</td>
</tr>
<tr>
<td>RUDLICK, I. C.</td>
</tr>
<tr>
<td>Acoustic driving of rotor facilities</td>
</tr>
<tr>
<td>RUGGLES, B. P.</td>
</tr>
<tr>
<td>A review of certificated airport crash fire rescue service criteria</td>
</tr>
<tr>
<td>RUG, R.</td>
</tr>
<tr>
<td>Screening properties of silicon-base ceramics for turbine engine applications</td>
</tr>
<tr>
<td>RUMFORD, K. J.</td>
</tr>
<tr>
<td>Tracker antenna location study</td>
</tr>
<tr>
<td>RUNNELLER, D. B.</td>
</tr>
<tr>
<td>Mechanical and thermophysical properties of graphite/polyimide composite materials</td>
</tr>
<tr>
<td>RUSSELL, P. Z.</td>
</tr>
<tr>
<td>Effect of broadened-specification fuels on aircraft engines and fuel systems</td>
</tr>
<tr>
<td>Characteristics and combustion of future hydrocarbon fuels</td>
</tr>
<tr>
<td>Impact of future fuel properties on aircraft engines and fuel systems</td>
</tr>
<tr>
<td>RUSSEL, T. G.</td>
</tr>
<tr>
<td>A review of certificated airport crash fire rescue service criteria</td>
</tr>
<tr>
<td>RUTAN, R. L. JR.</td>
</tr>
<tr>
<td>Decoupler pylon - A simple, effective wing/store flutter suppressor</td>
</tr>
<tr>
<td>RUTCH, S. Y.</td>
</tr>
<tr>
<td>Survey of radar simulation training at ATC field facilities</td>
</tr>
<tr>
<td>RUTHERFORD, J. A.</td>
</tr>
<tr>
<td>Advanced environmental cooling concepts for supersonic aircraft</td>
</tr>
<tr>
<td>RUTHERFORD, M. J.</td>
</tr>
<tr>
<td>Decoupler pylon - A simple, effective wing/store flutter suppressor</td>
</tr>
<tr>
<td>RUTHERFORD, L. J.</td>
</tr>
<tr>
<td>Amplification factors at transition on an unswpt wing in free flight and on a swept wing in wind tunnel</td>
</tr>
<tr>
<td>RUSK, A. B.</td>
</tr>
<tr>
<td>Unloading the drive of gas distributor valves operating at high pressures</td>
</tr>
<tr>
<td>RUSCONI-CLERC, L.</td>
</tr>
<tr>
<td>Designing airport terminals for transfer passengers</td>
</tr>
<tr>
<td>RUSH, R.</td>
</tr>
<tr>
<td>Material developments for airline safety - Impact on the safety of ground maintenance employees</td>
</tr>
<tr>
<td>RUSSELL, J.</td>
</tr>
<tr>
<td>Failure modes and redundancy analysis for the Multifunction Inertial Reference Assembly (MIRA)</td>
</tr>
<tr>
<td>RUSSELL, P. L.</td>
</tr>
<tr>
<td>Lo-frequency augmentor instability investigation computer program user's manual</td>
</tr>
<tr>
<td>RUSSELL, P. L.</td>
</tr>
<tr>
<td>Lo-frequency augmentor instability study</td>
</tr>
</tbody>
</table>
SCHENK, B. T.
Design study results of a supersonic cruise fighter wing
[AIAA PAPER 79-0062]
p0139 A79-19512

SCHENCK, A.
Airship dynamic stability
[AIAA 79-1591]
p0525 A79-42404

SCHENCK, P. L.
Reconstructed flight control sensor signals via Luebner observers
p0349 A79-32158

SCHERK, D.
Investigation concerning an airborne terminal /AT/ for pilot/controller communication over a ground/boad/ground data link
[DGRL PAPER 79-050]
p0521 A79-42376

SCHLECHT, G.
Electronically scanned Tacon antenna
p0057 A79-13272

SCHENK, B.-D.
Non-linear formulation of the aerodynamic forces for flight dynamic studies
p0179 A79-15090

SCHETZ, J. A.
Effect of injection angle on liquid injection in supersonic flow
[AIAA PAPER 79-0363]
p0147 A79-19700

SCHEFERS, C.
Numerical solution of a body-propeller combination flow including swirl and comparison with data
p0338 A79-10474

SCHETZ, J. A.
Ignition of liquid fuel jets in a supersonic air stream
[AIAA PAPER 79-1238]
p0470 A79-39997

SCHOBERT, J. J., JR.
Critical influence of finite rate chemistry and concentration on ignition and combustion of supersonic H2-air streams
[AIAA PAPER 79-0355]
p0146 A79-19686

SCHEIDT, N.
Prerotation in centrifugal pumps: Design criteria
p0058 A79-28574

SCHICK, T.
New onboard structure of display and control system for piloting and air traffic control
[DGRL PAPER 79-049]
p0520 A79-42375

SCHLENGER, J. I.
Superplastic forming/diffusion bonding technology in the USAF/McDonnell BLSTS program
p0208 A79-24082

SCHIANG, P.
New construction materials for gas turbine engines and technology for processing these materials
p0026 A79-12533

SCHIFF, L. B.
The role of time-history effects in the formulation of the aerodynamics of aircraft dynamics
p0178 A79-15086

SCHIFF, L.
Four lectures on fatigue crack growth
p0251 A79-25484

SCHIFF, L.
A second series of exploratory acoustic fatigue tests using a shaker
[MLR-TB-78002-0]
p0242 A79-17270

SCHILDER, J.
Environmental effects on crack growth in flight-simulation tests on 2024-T3 and 7075-T6 material
[MLR-TB-76108-0]
p0295 A79-18012

SCHILDER, J.
Review of aeronautical fatigue investigations in the Netherlands during the period March 1977 - February 1979
[MLR-TP-79004-0]
p0187 A79-21488

SCHILDER, J.
The effect of sheet edge working on the fatigue life under flight-simulation loading
[MLR-TB-77099-0]
p0368 A79-21499

SCHILDER, J.
Fatigue properties of adhesive-bonded laminated sheet material of aluminum alloys
[MLR-278]
p0558 A79-29543

SCHILDER, J.
Effect of an anti-corrosion penetrant on the fatigue life of various riveted joints during flight simulation tests
[MLR-TB-77103-0]
p0709 A79-32350

SCHILDER, J.
Prediction methods for fatigue crack growth in aircraft material
[LR-282]
p0721 A79-33498

SCHILLER, J.
Prediction of low flying aircraft by acoustic means
[REP-8-78]
p0491 A79-24779

SCHINDLER, H.
Operational experience with adhesive bonded structures
p0444 A79-23450

SCHINDER, B. H.
Airframe noise component interaction studies
[AIAA PAPER 79-0668]
p0318 A79-28569

SCHINDLER, J.
Airframe noise component interaction studies
[MASA-CH-3710]
p0313 A79-19815

SCHINDLER, B. H.
Environmental effects on the elastic-plastic properties of adhesives in bonded metal joints
[BRR-LIB-TRANS-1939]
p0596 A79-29328

SCHINDLER, J.
The influence of the environment on the elastoplastic properties of adhesives in metal bonded joints
[AIAA-T-521]
p0662 A79-30391

SCHLUPP, G.
Better performance for aircraft tracking and holding under gust and shearwind influence by use of direct digital control
[ESA-TP-535]
p0404 A79-11033

SCHLUETTER, H.
A contribution to the increase of aircraft guidance precision under wind disturbance conditions by using direct digital control
[SLR-TP-77-48]
p0448 A79-11075

SCHULZ, R. J.
A discussion of turbine and compressor sealing devices and systems
p0024 A79-12373

SCHINDLER, C. J.
Factor of safety - USAF design practice
[AB-R70227]
p0703 A79-32183

SCHINDLER, G.
Finite element methods for inviscid and viscous flow problems
p0586 A79-28474

SCHINDLER, C.
Aerodynamic and acoustic comparisons of scaled-down and actual engine jets
[AIAA PAPER 79-0574]
p0273 A79-26946

SCHINDLER, D. A.
A characteristic time correlation for combustion inefficiency from alternative fuels
[AIAA PAPER 79-0357]
p0147 A79-19687

SCHNIDT, D. J.
Quantum matching in transfer alignment for SAR motion compensation
p0617 A79-48641

SCHNIDT, M.
Computations of supercritical compressor and turbine cascades with a design method for transonic flows
[AIAA PAPER 79-0579]
p0380 A79-30516

SCHINDT, B.
On the test procedures of the derivative balances used in West Germany
[AIAA PAPER 79-GF-30]
p0340 A79-30516

SCHINDT, W.
The DVFLS-T4 transonic wing as European test model
p0512 A79-07234

SCHNIDT, D.
Evaluation of the navigation performance of shipboard-VOR- landing guidance systems
[LR-853]
p0570 A79-85362

SCHNIDT, G.
Salvage from autorotating helicopters
p0313 A79-19666

SCHNIDT, W.
Aerodynamics of engine intake devices
p0342 A79-20582

SCHNIDT, W.
Theoretical investigations of real gas effects in cryogenic wind tunnels
[SS-28-76/008]
p0288 A79-17620

SCHNIDT, W.
Progress in transonic flow computations analysis and design methods for three-dimensional flows
p0139 A79-19513
<table>
<thead>
<tr>
<th>Author</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SHEEHAN, V. L.</td>
<td>Interactional aerodynamics of the single rotor helicopter configuration. Volume 28: Harmonic analyses of airframe surface pressure data, runs 7 - 19, adduction</td>
</tr>
<tr>
<td>SIEBEBOB, L. T.</td>
<td>Theoretical study of the effect of wind velocity gradients on longitudinal stability and control in climbing and level flight</td>
</tr>
<tr>
<td>SHIELDS, H. A.</td>
<td>Harmonic vibrations of an annular wing in the steady flow of an ideal fluid</td>
</tr>
<tr>
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<td>Harmonic oscillations of annular wing in steady ideal fluid flow</td>
</tr>
<tr>
<td>SHEVELEV, A. S.</td>
<td>Aircraft manufacturing quality assurance</td>
</tr>
<tr>
<td>SHUDERLE, J. L.</td>
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</tr>
<tr>
<td>SHIELDS, B. A.</td>
<td>Commercial aircraft flight deck noise criteria</td>
</tr>
<tr>
<td>SHEPPARD, L. T.</td>
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</tr>
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<tr>
<td>SHIPLEY, E. A.</td>
<td>Aerodynamic improvement of the inlet pipe of a gas turbine</td>
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<tr>
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<td>Attached shock regime at the edges of a conical wing</td>
</tr>
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<td>SHIMAKOUEHO, K. N.</td>
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</tr>
<tr>
<td>SHINOSUKE, J.</td>
<td>Analysis of optimal loop and split-S by energy state modeling</td>
</tr>
<tr>
<td>SHINDO, S.</td>
<td>Improvement of flow quality at the University of Washington low speed wind tunnel</td>
</tr>
<tr>
<td>SHIRDV, B. P.</td>
<td>Avionics standardization potential analysis</td>
</tr>
<tr>
<td>SHINOVAT, E. N.</td>
<td>Fuels, lubricants and other fluids used in aviation</td>
</tr>
<tr>
<td>SHITAMGOGY, B. K.</td>
<td>Axial flow in trailing line vortices</td>
</tr>
<tr>
<td>SHOCKETING, G. G.</td>
<td>Exploratory development of an overhaul cooling process for gas turbine proponents</td>
</tr>
<tr>
<td>SHOHERKE, N. W.</td>
<td>Life Cycle Cost in advanced technology engine development</td>
</tr>
<tr>
<td>SHORAT, M.</td>
<td>Electronic maps for tomorrow’s cockpits</td>
</tr>
<tr>
<td>SHOFT, M.</td>
<td>The ZA-68 Weapon System trainer</td>
</tr>
<tr>
<td>SHOOK, V. H.</td>
<td>Study to develop improved fire resistant aircraft passenger seat materials, phase 2</td>
</tr>
<tr>
<td>SHORE, C. P.</td>
<td>Recent advances in convectively cooled engine and airframe structures for supersonic flight</td>
</tr>
<tr>
<td>SHOUSTOV, A. V.</td>
<td>Software requirements for the A-7X aircraft</td>
</tr>
<tr>
<td>SHOM, B. J.</td>
<td>Evaluation of a wake vortex upset model based on simultaneous measurements of wake velocities and probe-aircraft accelerations</td>
</tr>
<tr>
<td>SHOTN, P. H.</td>
<td>Study of an advanced General Aviation Turbine Engine (GATE)</td>
</tr>
<tr>
<td>SHPT, J. J.</td>
<td>An evaluation of the bird aircraft strike hazard at Hill AFB, Utah (APLC)</td>
</tr>
<tr>
<td>SHULTZ, J. A.</td>
<td>A new dimension. Wallops Island flight test range: The first fifteen years</td>
</tr>
<tr>
<td>SHOTHAK, B. E.</td>
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</tr>
<tr>
<td>SHOUBER, B. L.</td>
<td>Aerodynamic characteristics of a supersonic cruise airplane configuration at Mach numbers of 2.30, 2.96, and 3.30</td>
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<tr>
<td>SHUBAK, G. D.</td>
<td>Analysis of a theoretically optimized transonic airfoil</td>
</tr>
<tr>
<td>SHUNAN, N. B.</td>
<td>Inlet design studies for a Mach 2.2 advanced supersonic cruise vehicle</td>
</tr>
<tr>
<td>SHUNILOV, I. S.</td>
<td>Aircraft wake vortex characteristics from data measured at John F. Kennedy International Airport</td>
</tr>
<tr>
<td>SHURMAN, B. I.</td>
<td>Investigation of the profile drag and the mean and pulsation velocities in the wake of wings by means of a laser Doppler anemometer</td>
</tr>
<tr>
<td>SHURMAN, B. I.</td>
<td>Time-dependent failure rates for jet aircraft</td>
</tr>
<tr>
<td>SHUSTOLOV, N. B.</td>
<td>Development of in-flight steady-state failure rates</td>
</tr>
<tr>
<td>SHUSTOV, A. V.</td>
<td>Qualitative analysis of the effect of jet aircraft acoustic characteristics on the optimal take-off program</td>
</tr>
</tbody>
</table>

**PERSONAL AUTHOR INDEX**

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</thead>
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</tr>
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<td>Life Cycle Cost in advanced technology engine development</td>
</tr>
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<td>SHORAT, M.</td>
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</tr>
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<tr>
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<td>Inlet design studies for a Mach 2.2 advanced supersonic cruise vehicle</td>
</tr>
<tr>
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<td>Aircraft wake vortex characteristics from data measured at John F. Kennedy International Airport</td>
</tr>
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<td>SHURMAN, B. I.</td>
<td>Investigation of the profile drag and the mean and pulsation velocities in the wake of wings by means of a laser Doppler anemometer</td>
</tr>
<tr>
<td>SHUSTOLOV, N. B.</td>
<td>Development of in-flight steady-state failure rates</td>
</tr>
<tr>
<td>SHUSTOV, A. V.</td>
<td>Qualitative analysis of the effect of jet aircraft acoustic characteristics on the optimal take-off program</td>
</tr>
</tbody>
</table>

**B-151**
SHUSTOV, I. N.

Aircraft air conditioning systems

SIBOL, J. V. (IR.)

Experimental study of the gasdynamic characteristics of a nozzle guide vane row with air ejection onto the vane surface

Experimental study of the gasdynamic characteristics of a stator cascade with cooling air discharge through the vane surface

SHUETS, M. N.

Lower avionic temperature - Lower life cycle cost

SHWARTZ, B. N.

Experimental investigation of the buckling characteristics of a beaded skin panel for a hypersonic aircraft - Including comparisons with finite element and classical analyses

SIBUSTEOV, V. N.

The flow at the inlet and in the throat region of a plane supersonic air intake

SINE, G. A.


SINNOIS, C. H.

The flow in supersonic turbine cascades - Goals, problems and main points of interest [AD-A069871] p0662 W79-30334

SIN, A. 0.

Evaluation of a method to extract performance data from dynamic maneuvers for a jet transport aircraft [AIAA 79-0755] p0282 A79-28270

SIN, G.

Evaluation of a method to extract performance data from dynamic maneuvers for a jet transport aircraft [AIAA 79-0755] p0282 A79-28270

SIN, D. P.

The flow in supersonic turbine cascades - Goals, problems and main points of interest [AD-A069871] p0662 W79-30334

SINQON, B.

A critical-review of performance monitoring systems on the basis of the experience obtained from routine applications [AIAA 79-7906] p0327 W79-29381

SIN, A. G.

Three-dimensional plate laminate solids with through and part-through cracks p0708 W79-32276

SIMBER, J.

Control systems and problems of their development from the viewpoint of technological and operational requirements p0026 W79-12531

SIMBER, V.

Use of a gyroscope with adjustable torsion suspension in precise gyroscopic sensors p0534 A79-43511

SILVER, W.

CBT technology applied to an airborne radar p0476 W79-39893

SILBER, B.

Thermostats for aircraft interiors p0088 W79-12034

SILBER, E.

Detonation characteristics of Soviet GOST 1012-72 aviation gasoline [SAA PAPER 790630] p0045 A79-36757

SILBER, H. C.

The flow at the inlet and in the throat region of a plane supersonic air intake [DGLR PAPER 78-099] p0060 A79-14061

SILBER, J.

Application of finite element techniques in predicting the acoustic properties of turbofan inlets p0375 W90-20831

SILBERGELL, R. A.

Tungsten fiber reinforced PeCrAl - A first generation composite turbine blade material [NASA-TP-79039] p0037 W90-30397

Tungsten fiber reinforced PeCrAl - A first generation composite turbine blade material [NASA-TP-79039] p0037 W90-30397

SINCOX, C. D.

Operational experience with linked-blade high-output gas-turbine [NASA-TP-1350] p0038 W79-10068

SILWEZ, B. T.

Investigation of cross flow shocks on delta wings in supersonic flow [AIAA PAPER 79-0345] p0202 W79-23551

SILWIZER, V. N.

Effect of absorber parameters on the acoustic characteristics of a cylindrical combustion chamber p0126 W79-18379

SIDGEK, W. A.

Experimental investigation of the buckling characteristics of a beaded skin panel for a hypersonic aircraft p0309 W79-19912

SIDWIERING, C.

The confluence of two supersonic jets at the trailing edge of transonic turbine blades [NASA-TP-1131] p0309 W79-19912

SIDWIERING, C. H.

The flow through low cambered transonic turbine cascade [NASA-TP-1131] p0309 W79-19912

SIDWERS, G. R.

NASA research on general aviation power plants [AIAA PAPER 79-0561] p0254 A79-25870

Preliminary QCAT program test results [NASA PAPER 790561] p0255 A79-36729

NASA research on general aviation power plants [NASA-TP-79039] p0309 W79-12086

Preliminary QCAT program test results [NASA-TP-79039] p0309 W79-12086

SIDWERT, R. P.


SINE, G. A.


SINBERG, C. D.

Boeing's noise technology facilities p0265 A79-26830

SINE, B. L.

Statistical evaluation of reverberator influenced on bypass turbojet engine parameters in the forward thrust regime p0069 W79-18650

SIN, A. G.


SIN, G.

Evaluation of a method to extract performance data from dynamic maneuvers for a jet transport aircraft p0155 A79-20118

SIPPER, R. F.

Metallic coatings for graphite/epoxy composites [AD-A068881] p0662 W79-30334

SIPPER, V. F.

Separated and unsteady flows in aeronautics - Research at the University of Bristol p0154 A79-20107

SIPPER, R. F.

Unsteady aerodynamics of oscillating containers and application to the problem of dynamic stability of helicopter underlining loads p0177 W90-15073

SIPPER, B. F.

Definition, description, and interfaces of the FAA's developmental programs. Volume 2: ATC facilities and interfaces [AD-A068401] p0549 W79-27118

SIPPER, B. F.

Metallic coatings for graphite/epoxy composites [AD-A068881] p0662 W79-30334

SIPPER, R. F.

Separated and unsteady flows in aeronautics - Research at the University of Bristol p0154 A79-20107

SIPPER, B. F.

Unsteady aerodynamics of oscillating containers and application to the problem of dynamic stability of helicopter underlining loads p0177 W90-15073

SIPPER, B. F.

Definition, description, and interfaces of the FAA's developmental programs. Volume 2: ATC facilities and interfaces [AD-A068401] p0549 W79-27118

SIPPER, V. F.

Separated and unsteady flows in aeronautics - Research at the University of Bristol p0154 A79-20107

SIPPER, B. F.

Unsteady aerodynamics of oscillating containers and application to the problem of dynamic stability of helicopter underlining loads p0177 W90-15073

SIPPER, B. F.

Definition, description, and interfaces of the FAA's developmental programs. Volume 2: ATC facilities and interfaces [AD-A068401] p0549 W79-27118

SIPPER, B. F.

Separated and unsteady flows in aeronautics - Research at the University of Bristol p0154 A79-20107

SIPPER, B. F.

Unsteady aerodynamics of oscillating containers and application to the problem of dynamic stability of helicopter underlining loads p0177 W90-15073

SIPPER, B. F.

Definition, description, and interfaces of the FAA's developmental programs. Volume 2: ATC facilities and interfaces [AD-A068401] p0549 W79-27118

SIPPER, B. F.

Separated and unsteady flows in aeronautics - Research at the University of Bristol p0154 A79-20107

SIPPER, B. F.

Unsteady aerodynamics of oscillating containers and application to the problem of dynamic stability of helicopter underlining loads p0177 W90-15073

SIPPER, B. F.

Definition, description, and interfaces of the FAA's developmental programs. Volume 2: ATC facilities and interfaces [AD-A068401] p0549 W79-27118

SIPPER, B. F.

Separated and unsteady flows in aeronautics - Research at the University of Bristol p0154 A79-20107

SIPPER, B. F.

Unsteady aerodynamics of oscillating containers and application to the problem of dynamic stability of helicopter underlining loads p0177 W90-15073

SIPPER, B. F.

Definition, description, and interfaces of the FAA's developmental programs. Volume 2: ATC facilities and interfaces [AD-A068401] p0549 W79-27118

SIPPER, B. F.
SLAZAK, W.

Investigation of different system configurations for a TMA navigation system taking special account of traffic load and channel requirements

[IEEE PAPER 79-023] p0215 A79-43175

Investigation on information error caused by traffic loading in approach and landing systems

[p0675 A79-31480]

SLOBODEN, D. M.

The technology of braiding and soldering is broad-based and vital to the industrial economy. /1979 Adams lecture/

[p0685 A79-52856]

SLOINIE, J. G.

The impact of software in automatic test equipment

[p0620 A79-48691]

SLAIA, V.

Noise transmission - Turboprop problem

[AIAA PAPER 79-0645] p0271 A79-26933

SLIMING, J. H.

Digital Avionics Information System (DAIS): Development and demonstration

[AD-A068438] p0593 A79-29181

SLIBERT, N.

A computer aided design and fabrication system adapted to the design of three dimensional objects

[p0374 A79-20762]

SLIV, D. J.

A study of course deviations during cross-country soaring

[p0545 A79-27072]

SLIV, S. N.

Some flight data extraction techniques used on a general aviation spin research aircraft

[AIAA PAPER 79-1822] p0606 A79-47887

A study of course deviations during cross-country soaring

[p0545 A79-27072]

SLOBES, E.

A systemized approach to helicopter safety

[p0066 A79-14418]

Inflatable survival systems for helicopters

[p0403 A79-33624]

SLOVINSKY, J. A.

High speed smoke flow visualization for the determination of cascade shock losses

[AIAA PAPER 79-0042] p0138 A79-19945

Low-turbulence high-speed wind tunnel for the determination of cascade shock losses

[ASME PAPER 79-GT-129] p0394 A79-32398

SLUGHER, G. B.

Emission sample probe investigation of a mixed flow JT8D-11 turbofan engine

[AD-A050038] p0650 A79-11561

Emission sample probe investigation of a mixed flow TP30 turbofan engine

[FAA-NA-78-3] p0365 A79-20115

Exhaust emission traverse investigation of a JT3D-1 turbofan engine

[AD-A072019] p0676 A79-31209

SHAKAYA, P. K.

Causes of high pressure compressor deterioration in service

[AIAA PAPER 79-1234] p0508 A79-40403

SMAILY, A. J.

Elastomer mounted rotors - An alternative for smoother running turbomachinery

[ASME PAPER 79-GT-189] p0394 A79-32416

SMAILY, J. E.

Aircraft dropwindsonde system

[p0190 A79-21466]

SMART, A. R.

Feasibility study of transit photon correlation anemometer for area research center unitary wind tunnel plan


SMART, D. P.

Vertical cutoff rigidity and the intensity distribution of cosmic rays near Cape Town

[p0461 A79-37468]

SHELEY, R. D.

An evaluation of the bird/aircraft strike hazard (BASH) at area C-62, Eglin AFB, FL

[AD-A061371] p0230 A79-16820

SHELEY, R. I.

The role of wind tunnels in future aircraft development /Daniel and Florence Guggenheim International Memorial Lecture/

[p0151 A79-20077]

SHERMAN, P. O.

Flight test evaluation of predicted light aircraft drag, performance, and stability


SHERMAN, P. W.

Recent results obtained with a new method for measuring aircraft power and drag in flight

[SPR PAPER 790616] p0457 A79-36744

SHEVSKY, N. M.

Wind-tunnel shock-tube simulation and evaluation of blast effects on an engine inlet

[p0436 A79-23092]

SHEPPERD, S. G.

Composite structure applications for commercial aircraft

[p018 A79-20874]

SHEPHERD, L. I.

Flight simulators

[p0067 A79-18475]

SHEPHERD, A. D.

Considerations for the design of inlet flow conditioners for static fan noise testing

[AIAA PAPER 79-0657] p0269 A79-26909

SHEPPARD, A. H.

Analysis of the impact of the use of broad specification fuels on combustors for commercial aircraft gas turbine engines

[AIAA PAPER 79-11955] p0468 A79-38980

SHEPPARD, A. M. O.

Omega tail fairings for bodies of revolution

[AD-A0672927] p0539 A79-26031

SHEPPARD, A. N.

Omega possibilities: Limitations, options, and opportunities

[AD-A065027] p0432 A79-23063

SHEPHERD, B. T.

F-15 flight simulator: Development and analysis of computer scoring algorithms

[AD-A067765] p0556 A79-27188

SHEPPARD, C. R.

Availability and use of weather data

[p0198 A79-22711]

SHEPPARD, C. R.

American Airlines' operational and maintenance experience with aerodynamic seals and oil seals in turbomachinery engines

[p0047 A79-11061]

SHEPPARD, C. W.

Aerodynamic and thermodynamic characteristics of flow fields below VTOL vehicles in ground proximity

[AIAA PAPER 79-0338] p0145 A79-19675

Aerodynamic characteristics of forebody and nose strakes based on F-16 wind tunnel test experience. Volume 2: Data base


The aerodynamic and thermodynamic characteristics of fountains and some far field temperature distributions

[AD-A0613355] p0232 A79-16843

Design guidelines for the application of forebody and nose strakes to a fighter aircraft based on F-16 wind tunnel testing experiment

[p0413 A79-22000]

Aerodynamic characteristics of forebody and nose strakes based on F-16 wind tunnel test experience. Volume 1: Summary and analysis


SHEPPARD, D.

Analysis of plume rise from jet aircraft

[p0532 A79-43346]

Analysis of plume rise from jet aircraft

[CONP-790142-1] p0669 A79-31204

SHEPPARD, G. D.

Preliminary studies using photon correlation velocimetry in turbomachinery and combustion systems

[p0405 A79-34314]

B-154
SNYDER, V. J.

SNYDER, H.

SNOW, D. V.

SNOW, D. V.

SNYDER, V. J.

SOKOLOT, B. C.

SOFUE, Y.

SOFRIN, B. C.

SOODEQUEST, J. R.

SOCKOL, P. B.

SORE!, A. J.

SOXLEAU, J. P.

SOHEL, N. S.

SOHU, A. P.

SOUTH, J. C., JR.

SORIES, D. N.

SORENSEN, N. B.

SOOTOBOO, P.

SOONBOOBI, V.

SOBERS, D. H.

SOLOMON, B. C.

SOKOLOV, L. A.

SOKOLOV, V. D.

SOLOMON, R. D.

SOUTH, D. M.

S TTHERS, J. M.

SUTHAN, H. L.

SOUTH, S. L.

SOUSA, A. P.

SOUCEK, B.-

SOFFLEITNER, W.

SOUTH, V. B.

SOUTH, W. G. O.

SOUTH, H.

SOUTH, B. C.

SOUTH, R. C.

SOUTH, G. C.

SOUTH, D. M.

SOUTH, J. L.

SOUTH, D. M.

SOUTH, J. L.

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SOUTH, J. L.

SOUTH, D. M.

SOUTH, J. L.

SOUTH, D. M.

SOUTH, J. L.

SOUTH, D. M.

SOUTH, J. L.
A nonlinear approach to the design of jet engine control systems

Configuration management and automatic control of an augmentor wing aircraft with vectored thrust

Jet curtain flameholder for aircraft afterburners

Factors controlling stability of swirling flames at diffusers in gas turbines

The influence of sweep on the aerodynamic loading of an oscillating NACA0012 airfoil. Volume 2: Data report

Some steady and oscillating airfoil test results, including the effects of sweep, from the tunnel spanning wing


Concurrent superplastic forming/diffusion bonding of B-1 components

Radar cross section fundamentals for the aircraft designer

Metallic coatings for graphite/epoxy composites

An analysis of the stability of an aircraft equipped with an air cushion recovery system

Aeroservoelastic characteristics of a fighter-type model

Engine rotor burst containment/study control systems

A transonic wind tunnel interference assessment - Axisymmetric flows

Transonic flows past nonaxisymmetric slender wings - Classical equivalence rule analysis

Aerodynamics of low aspect ratio wings

A technique for engine maintenance cost forecasting

Supersonic flow in the area of axisymmetric thin cruciform wings with supersonic leading edges in a horizontal plane, with consideration of flow separation on the edges

Evaluation of flow quality in two NASA transonic wind tunnels

Effect of flight loads on turboprop engine performance deterioration

Aerodynamic and acoustic effects of eliminating core swirl from a full scale 1.6 stage pressure ratio fan (89-01A)

Effect of flight loads on turboprop engine performance deterioration

Pre-design of the second generation comprehensive helicopter analysis system
Fuel conservative subsonic transport

STEINBERG, J. A.
Digital Avionics Information System (DAIS): Development and demonstration
[AD-A0628480] p0093 879-29181

STAVE, L. P.
Automatic test software for calibrating strapdown systems
p0620 879-46899

STAVOVIC, B.
Omega navigation system
p0533 879-43504

STECK, G.
Integrated Avionics Control System (IACS)
[AD-A056476] p0037 879-10056

STEIBBACH, U.
Evaluation of the navigation performance of shipboard-VTOL-landing guidance systems
[ATIA 79-17068] p0570 879-45362

STEIL, N. D., Jr.
AHRC Communications Addressing and Reporting System
[AD-A068438] p0593 879-29186

STEEL, R. J.
Dynamic simulation of a multi-sensor communication and navigation system
p0354 879-20026

STEEL, W. W.
Multiple laser tracker operations
p0071 879-15156

STEER, D. J.
Airborne microwave ECM
p0637 879-49554

STEER, L. L.
Flight determined lift and drag characteristics of an F-6 airplane modified with a supercritical wing with comparison to wind-tunnel results
[NASA-TN-3250] p0712 879-33159

STEPHAN, J. J.
Aviation emergency procedures
p0401 879-33611

STEPHANOV, S. A.
The flow at the inlet and in the throat region of a plane supersonic air intake
p0190 879-21420

STEPFLE, J. C.
Test and evaluation of modified high performance jet airlift life preserver
[AD-A063925] p0419 879-22067

STEGES, J. L.
Calculation of transonic airfoil buzz
[AIAA PAPER 79-0138] p0182 879-19553

STEG, G.
Adaptive control of wing store flutter - A feasibility study
[AIAA 79-0789] p0322 879-29033

STEG, H. W.
Flight test experience with an adaptive control system using a maximum likelihood parameter estimation technique
[AIAA 79-1702] p0570 879-45557

DSS- active control
p0612 879-48000

F-8 active control
p0236 879-16670

STEIBACH, D.
Calculation of the flow with separation for airfoils and multi-element airfoil systems placed in proximity of the ground or in closed tunnels
p0058 879-13295

STEBERG, R.
Commercial aircraft derived high resolution wind and temperature data from the tropics for TGOB: Implications for NASA
p0212 879-20621

STEIDR, J. E.
Requirements and major decision outline - Total program
p0333 879-29593

STEIDR, R.
CP-140 aircraft reliability program - A 'tailored' management approach
p0206 879-23632

STEINHAUSEN, R.
Investigations for the calculation of robust control systems
[ESA-TT-488] p0048 879-11076

An in-flight controller insensitive to parameters variations
[DLR-FF-78-07] p0655 879-30197

STEINBERGER, R.
Excitation and analysis technique for flutter tests
[AGARD-B-672] p0367 879-20137

STEINER, B. J.
Aerodynamic performance of a 1.35-pressure-ratio axial-flow fan stage
[NASA-TP-1299] p0033 879-10022

STEINBERG, G. A.
A simulation investigation of cockpit display of aircraft traffic during curved, descending, decelerating approaches
[NASA-TR-80098] p0542 879-26052

Effect of image tilt of a virtual image display on simulated transport touchdown performance
[NASA-TP-1520] p0715 879-33189

STEINBERG, P. G.
Material and process control - Aircraft integral fuel tanks
p0210 879-24122

STEINBERG, R. P.
Digital flight control research using microprocessor technology
p0665 879-38533

A microprocessor system for flight control research
p0616 879-10623

NASA/Princeton digital avionics flight test facility
p0635 879-69044

In-flight simulation with pilot-center of gravity offset and velocity mismatch
p0695 879-53946

Flight tests of a microprocessor control system
[AIAA 79-1962] p0498 879-54412

Modern digital flight control system design for VTOL aircraft
[NASA-CP-159019] p0367 879-20133

STEINHON, S. D.
Systematization of simple structural elements of a regulated gas turbine engine nozzle
p0526 879-42555

STEINER, L.
Correlation aspects of helicopter flight mechanics and pilot behaviour
p0132 879-18667

STEPHEN, S. W.
Test implementation through support software - A FIT translator
p0620 879-88687

STEPHENS, D. G.
Trends in Langley helicopter noise research
p0042 879-10863

Physical and subjective studies of aircraft interior noise and vibration
[NASA-2M-80084] p0445 879-23754

STEPHEN, L.
Development of a NICAD battery interface unit
[AD-A062940] p0427 879-22637

STEPHENSON, W.
Fly-by-wire tail rotor controls
p0693 879-55335

STEPHENSON, E.
Propulsion
p0219 879-15950

Launch and recovery
p0219 879-15951

STEPHENVICK, W. I.
Rotary-wing aerodynamics. Volume 2: Performance prediction of helicopters
[NASA-CP-3083] p0287 879-17811

STEPHENV, P. E.
NASA thermal barrier coatings - Summary and update
p0189 879-21295

The NASA high pressure facility and turbine test rig
p0190 879-21296

NASA thermal barrier coatings: Summary and update
[NASA-TR-79053] p0917 879-15058

The NASA high pressure facility and turbine test rig
[NASA-TR-79054] p0174 879-15050

Industry tests of NASA ceramic thermal barrier coating
[NASA-TP-1425] p0498 879-25023

STEPHENWICK, W. J.
A glance at Soviet helicopter design philosophy
p0013 879-10910

Rotary-wing aerodynamics. Volume 1: Basic theories of rotor aerodynamics with application to helicopters

B-159
<table>
<thead>
<tr>
<th>Personal Author Index</th>
<th>Number of Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stern, A. H.</td>
<td>2</td>
</tr>
<tr>
<td>Sterlin, V. A.</td>
<td>2</td>
</tr>
<tr>
<td>Stevens, V. G.</td>
<td>1</td>
</tr>
<tr>
<td>Stevens, E. H.</td>
<td>1</td>
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<tr>
<td>Stevens, C. H.</td>
<td>1</td>
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<tr>
<td>Stevens, B. S.</td>
<td>1</td>
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<td>Stevens, A. D.</td>
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<td>Stevens, S. C.</td>
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<tr>
<td>Stevens, H.</td>
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<tr>
<td>Stetson, A. B.</td>
<td>1</td>
</tr>
<tr>
<td>Stockham, J. D.</td>
<td>1</td>
</tr>
</tbody>
</table>

**STERN, A. H.**

- Determination of the geometrical parameters and position of the nose flap at the root section of a swept wing on the basis of wind tunnel data. [NASA-CR-155539] p0835 W79-23004

**STERLIN, V. A.**

- Experimental design for real-time simulations of air traffic control concepts [NASA-CR-155754] p0697 W79-25018

**STEVENS, V. G.**

- Low speed wind tunnel test of ground proximity and deck edge effects on a lift cruise fan V/STOL configuration, volume 2 [NASA-CR-155248] p0560 W79-28142

**STEVENS, E. H.**

- Determination of the geometrical parameters and location of the nose flap at the wing root profile of a swept wing on the basis of wind tunnel data. I [NASA-CR-159553] p0816 W79-22039
- Developing the potential role of airships for oceanography [AIAA 79-1957] p0521 A79-22038

**STEVENS, C. H.**


**STEVENS, B. S.**


**STEVENS, C. H.**

- Experimental design for real-time simulations of air traffic control concepts [NASA-CR-155754] p0697 W79-25018
STRAUCH, R.

rotary-wing aeroelasticity

p0131 A79-18659

STRAUCH, B.

System for confirming ILS or MLS for Cat III type
landing without decision height

p0056 A79-13262

STRAW, D. F.

Electromagnetic coupling analysis of a Learjet
aircraft

[AD-A062490] p0370 A79-20311

Investigation of penetration of electromagnetic
energy through joints in advanced composite
structures

[AD-A069589] p0710 A79-32401

STREET, T. A.

Finite element methodology results compared with
experimental data for a severely deflected wing
in transonic flow

[AIAA PAPER 79-0304] p0145 A79-19659

STRELOW, H.

Analysis of free torsional rotor blade
oscillations under special consideration of
asymmetric shaft-support plate

p0131 A79-18660

STEINER, C. W.

Tacon IV program

p0072 A79-15359

STEGANAC, T. V.

Wind study for high altitude platform design

[AIAA 79-1667] p0524 A79-42398

STELLEMER, R.

Rotor prediction with different downwash models

p0129 A79-18642

STELCLOD, D.

Adhesive sealing - A fuel leak deterrent

p0210 A79-24123

STEBER, S.

Effect of viscosity on wind-tunnel wall
interference for airfoils at high lift

[AIAA PAPER 79-1536] p0777 A79-46715

STENNING, P.

Comparison between flows in cascades and rotors in
the transonic range. 3: Comparison of
experimental and theoretical results of flow
studies on blade-to-blade surfaces in an axial
compressor rotor

p0305 A79-19002

STEEL, A. G.

Flutter analysis of two-dimensional and
two-degree-of-freedom airfoils in
small-disturbance, unsteady transonic flow

[AIAA PAPER 79-0223] p0665 A79-31157

STENBERG, J.

Jet engine exhaust analysis by subtractive
chromatography

[AD-A067690] p0583 A79-28170

STENBERG, J.

Full-scale wind tunnel test of a modern helicopter
main rotor - Investigation of tip Mach number
effects and comparisons of four tip shapes

[AHS 78-03] p0799 A79-18129

Constant lift rotor for a heavier than air craft

[NASA-CSPARC-I-11045-1] p0291 A79-17847

STRODE, B. H.

Flight effects on noise generated by the JT8D
engine with inverted primary/fan flow as
measured in the NASA Ames 40'-by-80-foot wind
tunnel

[AIAA PAPER 79-0614] p0271 A79-26937

STROESSER, V. A.

Influence of static varve casting on alternating
stress level in turbine rotor blades

p0068 A79-14808

Gas turbines for flight vehicle engines: Theory,
design, and calculation [Third review and
enlarged edition]/

p0648 A79-50421

STUART, J. W.

Global enclosure fire modeling with applications

p0667 A79-31172

Fuselage ventilation under wind conditions

p0067 A79-31175

STUART, T. A.

Filter weight minimization for rectified
superconducting alternator power supplies

p0273 A79-26966

STUART, W. G.

Northrop F-5: Case study in aircraft design

p0332 A79-29574

STUCKAS, K. J.

Concepts for reducing exhaust emissions and fuel
consumption of the aircraft piston engine

[SAP PAPER 790605] p0456 A79-36737

STUCKERD, B.

Failure detection in signal processing and sensing
in flight control systems

p0612 A79-47971

STUDEBURY, D. J.

Aerodynamic effects of surface cooling-flow
injection on turbine transonic flow fields

[AIAA PAPER 79-0048] p0139 A79-19501

STUKONIS, E.

Causes for the deterioration of screwed
connections in aircraft engines during service

p0249 A79-25269

STURP, C. W.

System for measuring an aircraft's speed and
height

[NASA-CASE-LAN-12275-1] p0298 A79-18296

STURGEON, V. R.

Flight investigation of helicopter IFR approaches
and angle of attack

p0633 A79-49104

STURGIS, G. J.

Account of tail turbulence for predicting film
cooling effectiveness in gas turbine combustors

[ASME PAPER 79-07-200] p0397 A79-32457

Advanced low emissions catalytic combustor program
at Pratt and Whitney

p0377 A79-32210

SUCKS, C. P.

Design of quiet efficient propellers

[SAP PAPER 790598] p0454 A79-36719

Acoustic analysis of the propfan


SUDHAKAR, K.

Air-inlet engine matching problems of a jet aircraft

p0272 A79-29380

SUGIMOTO, T.

Observation of atmospheric interactions at
aeroplane altitude

p0461 A79-37573

SUZUKI, H.

Fuelability and cost effectiveness of airborne
tire pressure indicating systems

[AD-A065513] p0494 A79-24981

SUKHANOV, S. S.

Requirements for flight and radio equipment
of airplanes and helicopters

p0345 A79-31846

SULGOSKI, R. A.

Regression Simulation of Turbine Engine
Performance (RSTEP), task 1

[AD-A0717400] p0718 A79-33213

SULLIVAN, A. L., III

Evaluation of materials for post-attack pavement
repair

[AD-A066516] p0502 A79-25251

SULLIVAN, B. N.

Commercial aircraft flight deck noise criteria

p0712 A79-32969

SULLIVAN, T. L.

A commercial airport noise environment: Measurement,
prediction and control

p0313 A79-19814

SULLIVAN, J. P.

LDV measurements on propellers

p0625 A79-49052

SULLIVAN, E. L.

The size and performance effects of high lift
technology on a modern twin engine jet
transport

[AIAA PAPER 79-1795] p0634 A79-49332

SULLIVAN, T. J.

Design study and performance analysis of a
high-speed multi-stage variable-geometry fan for
a variable cycle engine


SULLIVAN, T. L.

Evaluation of HOSTAS computer code for predicting
dynamic loads in two-bladed wind turbines

[AIAA PAPER 79-0733] p0319 A79-29307

SUNDA, J. R.

A lifting-surface method for hover/climb airloads

[AHS 79-3] p0626 A79-49056
5058111, B.
SUNDEBB, SUNDSEBO, SUN, K.
SUNDERSETEB, P.
SON, T. S.
SUSSEIEN, C. D.
SO0, N.
SWAN!, N. V. C.
SWAIN, N. L. B.
SUVADA, T. C.
SUTTON, T. G.
SUTTON, B. C.
SUTTON, L. B.
SUTPHIN, H. V.
SUNDSBUD, G. J.
SWADLING, S.
SYILIN, A. V.
STAND, L.
STTSNA,
SYNONDS, W. A.
SYNONDS, W. A.
SYNONDS, W. A.
SYNONDS, W. A.
SYNONDS, W. A.
SYNONDS, W. A.
SYNONDS, W. A.
SYNONDS, W. A.
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SYNONDS, W. A.
SYNONDS, W. A.
SYNONDS, W. A.
SYNONDS, W. A.
SYNONDS, W. A.
SYNONDS, W. A.
SYNONDS, W. A.
SYNONDS, W. A.
SYNONDS, W. A.
TAILOR, J. L.
Experimental investigation of the subwing tip and its vortex structure

TANNA, H. E.
Effects of simulated forward flight on jet noise, shock noise and internal noise
[AD-A064685] p0271 79-26936
The generation, radiation and prediction of supersonic jet noise. Volume 2: appendix:
Computer program listing
[AD-A064685] p0278 79-22854

TANNER, A. E.
Development of crushworthy passenger seats for general-aviation aircraft

TANNER, P. E.
Risk—Taken or controlled
p0679 79-51049

TANNER, B. B.
Stability and control derivative estimates obtained from flight data for the Meesch 99 aircraft
[AD-A070388] p0367 79-20134

TARZY, J. F.
CH-47 helicopter internal cargo load and restraint system mock-up study
[AD-A064207] p0480 79-22081

TAPANICRA, H.
Fatigue life estimation methods for helicopter structural parts
p0136 79-18697

TATSUMO, Y. F.
Extremal radio-navigation
p0563 79-44878

TARR, U.
Rotor redesign for a highly loaded 1800 ft/sec tip speed fan. I: Aerodynamic and mechanical design report

TARR, R. C.
Engine design test 1: Hughes 180-60, advanced attack helicopter
[AD-A064359] p0420 79-22077

TASSINAIA, F.
Predesign of the second generation comprehensive helicopter analysis system
[AD-A064269] p0421 79-22084

TASSINAIA, M. G.
Policy impacts of ATC automation: Human factors considerations
[AD-A051064] p0160 879-14060

TASSINAIA, L. B.
Material and process control—Aircraft integral fuel tanks
p0210 79-24122

TATTI, R. P.
A user's manual for a computer program to generate fatigue spectrum loading sequences
[AD-A069228] p0668 79-31198

TATOW, P. B.
Turbulence simulation mechanization for Space Shuttle Orbiter dynamics and control studies

TAVNER, R. E.
Analytic investigation of advancing blade drag reduction by tip modifications
[AD-A064228] p0118 79-19127
Computation of subsonic and transonic flow about lifting rotor blades
[AD-A064149] p0368 79-45333

TAYLOR, R. D.
On the question of selecting the characteristic quantity governing fuel self-ignition in a stream
p0613 79-84977

TAYLOR, C. B.
The design of wind tunnel models for tests at transonic speeds and high Reynolds numbers
p0335 79-29801

TAYLOR, R. B.
Impact of soft bodies on jet engine fan blades
[AD-A058194] p0377 79-20996

TAYLOR, J. B.
An experimental study of endwall and airfoil surface heat transfer in a large scale turbine blade cascade
[AD-A061450] p0392 79-32375
Experimental clean combustor program: Phase 3: Turbulence measurement addendum
[AD-A064228] p0379 79-20174
Turbulence measurements in the compressor exit flow of a General Electric CF6-50 engine
p0271 79-26936
Analytical evaluation of the impact of broadband specification fuels on high bypass turbofan engine combustors

TAYLOR, L. Z.
An experimental study of a catalytic combustor for an expendable turbojet engine
[AD-A056512] p0445 79-11048

TAYLOR, V. F.
Crashworthy armored crewseat for the OH-60A Black Hawk
[NASA-CR-135422] p0717 79-12088
Crashworthiness tests on model aircraft fuselage structures
[AD-A054207] p0240 879-17012
Continuation study of alternate fuels nitrogen chemistry
Jet Fuel Thermal Stability

TAYLOR, V. E.
Jet mixing noise—Comparison of measurement and theory
[AD-A070388] p0377 79-20996

TESTER, B. J.
Impact of soft bodies on jet engine fan blades
[AD-A058194] p0377 79-20996

TESTER, R. J.
Effects of simulated forward flight on jet noise, shock noise and internal noise
[AD-A064228] p0271 79-26936
Jet mixing noise—Comparison of measurement and theory
TETELMAN, A. S.

Nondestructive inspection of aircraft structures and materials via acoustic emission

The role of metallurgy in aircraft accident investigation and litigation

THIBISN, [54x586]

THART, V. G.

Laminar flow stabilization by surface cooling on hydrogen fueled aircraft

THOMAS, H. H. B. M.

Design of an off-axis wide field-of-view visual display system for flight simulators

THOMAS, G. T.

Mathematical models of aircraft dynamics for extreme flight conditions (theory and experiment)

THOMAS, S. G.

Evaluation of finite element formulations for high angles-of-attack derivatives of a T-tail fighter configuration at subsonic speeds

THOMSON, B. K.

Thermal structural analysis of a scramjet fuel-injection strut

THOR, W. A.

Investigation of the rolling stability derivatives of a T-tail fighter configuration at high angles-of-attack

THORPE, [307x326]

THRANE, B. V.

Analysis of bird strikes reported by European airlines 1972 to 1975

THRONB, B. C.

Application of the isotheotral bend process to P14 wing beams

THRELL, H. W.

An overview of the PABST program

THREATED, [326x409]

THRIVES, [327x182]

THRILL, [328x450]

TIFFANY, C. P.

Water-quality monitoring system

TIETZ, D. H.

Theoretical and experimental investigation of ground-induced effects for a low-aspect-ratio highly swept arrow-wing configuration

TIEF, D. E.

A method for selecting a crashworthy fuel system - A status report

TIPPEL, C. F.

Progress on the ENSIP approach to improved structural integrity in gas turbine engines - An overview

THOMPSON, J. F.

Computers Monitor and Control - A flexible, cost-effective implementation

THOMPSON, D. B.

Factors affecting omega accuracy

THOMPSON, G. H.

Theoretical and experimental investigation of ground-induced effects for a low-aspect-ratio highly swept arrow-wing configuration

THOMPSON, J. P.

The development of a parametric method of measuring fuel fatigue loads based on flight measurements on a lightning NK-75

THOMPSON, J. S.

Aircraft fuel pumps - Where we're at / a review of some problems and their current solutions/

THOMPSON, R. E.

Nuclear aircraft innovations and applications

THOMPSON, R. E.

Computer Monitor and Control - A flexible, cost-effective implementation

THOMPSON, R. E.

Identifying desirable design features for the C-X aircraft - A systems approach

THOMPSON, R. W.

Simultaneous measurements of turbulence in the lower atmosphere using sodar and aircraft

THOMSON, B. G.

Microprocessor-based digital autopilot development for the XBQM-106 Mini-RPV - A status report

TIEF, H.

Numerical comparisons of panel methods at subsonic and supersonic speeds

TIEF, H.

Propeller unsteady thrust due to operation in turbulent inflows

TIETZ, D. E.

Microprocessor-based digital autopilot development for the EQBM-106 Mini-EPV

TIFFANY, C. P.

Progress on the ENSIP approach to improved structural integrity in gas turbine engines - An overview

TIEF, H.

Adjustment diagnostics for gas turbine engine controls

TIEF, H.

A hybrid technique for combining the moment method of treatment of wing antennas with the GID for curved surfaces

TIEF, H.

A hybrid technique for combining the moment method of treatment of wing antennas with the GID for curved surfaces

TIEF, H.

Analysis of bird strikes reported by European airlines 1972 to 1975

TIEF, H.

Application of the isotheotral bend process to P14 wing beams

TIEF, H.

An overview of the PABST program

TIEF, H.

Application of the isotheotral bend process to P14 wing beams
Analytical-kinetic models for the evaluation of propelling emissions from aircraft gas turbines.

Limiting techniques

Iterative method of aircraft wing strength calculation taking into account the effect of deformations on distribution of aerodynamic forces.

The control of tolerances in an array antenna.

Unsteady subsonic and supersonic potential aerodynamics for complex configurations.

Aircraft antenna systems.

Detached flow about an opening canopy.

Parachute canopy opening dynamics.

A note on yewed slender wings.

Unsteady small-gap ground effects.

Aircraft lavatory modules.

A proposed integrated ECM system using the constant index lens antenna.

Achieving consistency in the production of critical jet engine components by means of press forging.

Aircraft lavatory module.

Response and other characteristics of a flat bladed, dual pitch propeller anemometer.

Evaluation of a long-endurance-surveillance remotely-piloted vehicle with and without laminar flow control.

Sensitivity study for a remotely piloted microwave-powered sailplane used as a high-altitude observation aircraft.

Fire testing in the Boeing 707 cabin section.

Development of aircraft lavatory compartments with improved fire resistance characteristics, phase 1: Fire containment test of a wide body aircraft lavatory module.

Calibration and use of a sailplane variometer to measure vertical velocity fluctuations.

Lower avionic temperature - Lower life cycle cost.

Cargo/Logistics Airlift System Study (CLASS), volume 1.

Analysis of water ingestion effects in axial flow compressors.

Stabilized terrain optical position sensor (STOPS) flight test report.

Flight test report (AD-A065018).

Rotation of a loaded rotor in a rigid bearing.

Aircraft lavatory modules.

A proposed integrated ECM system using the constant index lens antenna.

Numerical solution of the Navier-Stokes equations for arbitrary two-dimensional multi-element airfoils.

Parametric method for diagnosing the state of aircraft engines on the basis of limited information.

Identification of aircraft parameters in turbulence with non-rational spectral density.

Problems in testing electrically conductive structural adhesives.

Impact of noise generated by supersonic transports on the environment.

Design of multistage compressors with consideration of the real behavior of gas and gas mixtures.

Analytical-kinetic models for the evaluation of propelling emissions from aircraft gas turbines.
Radiating laminar boundary layer flow over a flat plate at a large free-stream Mach number

Hot-wire measurements of stall and separation on helicopter rotor blades

Oxide morphologies on aluminum prepared for adhesive bonded aircraft structures

Radiating laminar boundary layer flow over a flat plate at a large free-stream Mach number

Analysis of aerospace structures with membrane elements

Sea behaviour prediction of helicopters through free model tests

Head aiming/tracking accuracy in a helicopter environment

Evaluation of the pulsed acoustic Doppler with shear sensing system at Dulles International Airport

A model for calculating the radiation field of microstrip antennas

Comment on 'active flutter control using torsional damping'

Influence of freely rotating flat plate at a large free-stream Mach number

Influence of freely rotating flat plate at a large free-stream Mach number

Aerodynamics of airfoils with porous trailing edges

Minimum expected cost control of linear systems with uncertain parameters - Application to remotely piloted vehicle flight control systems

Optimal controller design methods for linear systems with uncertain parameters-development, evaluation, and comparison

Recent results in parameter identification for combustion turbine blade passages

Minimun expected cost control of linear systems with uncertain parameters-development, evaluation, and comparison

Optimum cruise performance

Research on adaptive wall wind tunnels

Aircraft response to lateral gusts-Exploratory study

Theoretical and experimental investigation of the flow at the inlet of the waned diffuser for a high pressure ratio centrifugal compressor

A new method for testing free models in the laboratory to determine aerodynamic characteristics

Subsonic flow past an oscillating cascade with finite mean flow deflection

Sea behaviour prediction of helicopters through free model tests

An experimental investigation of the entrainment of a leading-edge vortex

Thermophoresis - Enhanced deposition rates in combustion turbine blade passages

Thermophoresis - Enhanced deposition rates in combustion turbine blade passages

Life cycle cost in preliminary engine design

Sensor-based active flutter control using torsional damping

Investigation of roll performance for a highly nonlinear statically unstable fighter-type aircraft

An experimental investigation of the entrainment of a leading-edge vortex

Thermophoresis - Enhanced deposition rates in combustion turbine blade passages

Investigation of roll performance for a highly nonlinear statically unstable fighter-type aircraft

Account on 'active flutter control using torsional damping'

Airflow patterns over a fixed plate at a large free-stream Mach number

A new life saving application for the parachute

Calculation of supersonic viscous flow over delta wings with sharp subsonic leading edges

Performance evaluation of the experimental ECAS/Beacon Collision Avoidance System/

Experimental ECAS performance results

Some results related to an enhancement of the effectiveness of MALSY. I

The Lynx hingeless rotor system and flight characteristics

Rotor blade lag plane frequency optimisation using visco-elastic damping

Flight test design for CH-47 parameter identification

Recent results in parameter identification for high angle-of-attack stall regimes

Optimum cruise performance

Minimum expected cost control of linear systems with uncertain parameters - Application to remotely piloted vehicle flight control systems

Optimal controller design methods for linear systems with uncertain parameters-development, evaluation, and comparison
Method of determining the stability and controllability characteristics of an aircraft from the transient processes

Analog simulation and its defining similarity criteria in the analysis of supersonic flows past wings

Modeling in studying supersonic flow around a wing and its governing analog-criteria

Trailing-edge flows at high Reynolds number

Design and development tests of a four-bladed light helicopter rotor system

Flight and navigation instruments for general aviation

The flow past a supersonic trailing edge in transonic turbine cascades

Some experimental results connected with the transonic instabilities on an airfoil

Handling problems through compressor deterioration

Handling problems resulting from compressor deterioration

Power model testing of the Ay-8P - A straightforward approach pays off

Repair of directionally solidified airfoil components

Aspects of traffic flow control in the approach region

Possibilities for increasing distance measurement accuracy of DME

Differences between simulation and real world at the TABU air to air combat simulator with a wide angle visual system

The NTC-5 beacon interrogator

The influence of the Terminal Control Area on airline operations

Ultrasonic welding/solid state bonding of aircraft structure - Fact or fancy

Ultrasonic bonding arrives - 75% cost savings seen

U.S. Coast Guard utilization of remote sensing techniques for ocean surveillance

Behavior of elastic systems in separated flow

Moments on the hub of a lifting propeller with hinge-mounted blades

The analysis and design of transonic two-element airfoil systems

Assessment at full scale of nozzle/wing geometry effects on OTW aeroacoustic characteristics

Correlation of combustor acoustic power levels inferred from internal fluctuating pressure measurements

A thermal investigation of the APAPI turbine engine heat transfer test facility

On the test procedures of the derivative balances used in West Germany

Small turbines: Experiences with disk ruptures

Northrop/United States Air Force application of failure predictions to an operational aircraft

On some methods for the numerical simulation of flows with complex structure

Multiband antenna

Some possibilities for the navigation of small passenger aircraft

Numerical solution of the problem of unsteady supersonic flow around the front part of the wings with a detached shock wave

Possibilities and limitations of air traffic control

Contribution to the calculation of the dynamic behavior of industrial turbocompressor circuits

Scan converter and raster display controller for night vision display systems

Millimeter airborne radar target detection and selection techniques

Investigation of a laser Doppler velocimeter system to measure the flow field of a large scale V/STOL aircraft in ground effect

Investigation of a laser Doppler velocimeter system to measure the flow field around a large scale V/STOL aircraft in ground effect

Inertial Reference Flight Inspection System

Analytical evaluation of the impact of broad specification fuels on high bypass turbofan

Personal Author Index
The effects of aircraft engine pollutant emission measurement variability on engine certification policy

The design and development of high performance combustors

Pressure distributions on three different cruciform aft-tail control surfaces of a vingless missile at Mach 1.60, 2.36, and 3.70

Numerical computation of aeroelastically corrected transonic loads

Identification of high payoff research for more efficient applied physicists in agriculture and forestry

An advanced cockpit instrumentation system: The coordinated cockpit display

An advanced model for high payoff research for more efficient applied physicists in agriculture and forestry

A simulation of amphibious hovercraft overturning

Enhanced fighter mission effectiveness by use of integrated flight systems

A study on the utilization of advanced composites in commercial aircraft wing structure

Airworthiness and flight characteristics test, DV-1C takeaway performance

Aerodynamic and thermodynamic characteristics of delta wings

Experience in the analysis of real and simulated collisions and dangerous encounters in German airspace

A study of smoke movement in an aircraft fuselage

Diagnosis of wear in aeronautical systems

An experimental investigation into the influence of acoustic disturbances on the development of a turbulent boundary layer

Evaluation of new bonding systems for depot-level maintenance of aircraft honeycomb panels

Boeing Vertol bearingless main rotor structural design approach using advanced composites

Effect of maintenance plan and engine durability on helicopter propulsion system ownership cost

Log damping in autorotation by a perturbation method

Wind tunnel and flight test of the IV-15 Tilt Rotor Research Aircraft

Structural concepts and experimental considerations for a versatile high-speed research airplane
WILCOX, N. E.
The alpha-beta-gamma tracking filter in the E-domain

WILCOX, R. S.
Cost effectiveness analysis of the proposed revisions in the exhaust emission standards for new and in-use gas turbine aircraft engines based on EPA's independent estimates

WILKINSON, V.
A theoretical and experimental means to predict ice accretion shapes for evaluating aircraft handling and performance characteristics

WILSON, J. H.
Aircraft fire protection and rescue procedures /2nd edition/

WILLIAMS, J. B.
The circulation control rotor flight demonstrator test program

WILLIAMS, R. D.
New agents for the extinguishment of magnesium fires

WILLIAMS, J. B.
Evaluation of finite element formulations for transient conduction forced-convection analysis

WILLS, K. B.
Exterior flow with an isosymmetric Hermit cubic element

WILLS, C. D.
Development of a low-correction wind tunnel wall configuration for testing high lift airfoils

WILLIAMS, J. B.
Verification of operational flight programs by simulation

WILLIAMS, C. N.
Aircraft fire protection and rescue procedures

WILLIAMS, P. W.
New agents for the extinguishment of magnesium fires

WILLIAMS, I. K.
Helicopter flight-path and acoustic-signal repeatability for noise-diagnosis and noise-certification

WILLIAMS, J. R.
In the Wein-Fogh principle exploitable in turbomachinery

WILLIAMS, M. R.
Coast guard missions for lighter-than-air vehicles
The effect of the aerodynamic resistance of the feeder line on the operation of safety valves

Over a wing and store combination at low speeds

Grating lobe control in limited scan arrays

A method for calculating the potential flow around a system of aerodynamic profiles in an incompressible fluid

Aircraft design and strength - 2nd revised and enlarged edition

Preparation of double-curvature planking by rolling

Flight simulators

Investigation of a laser Doppler velocimeter system to measure the flow field of a large scale V/STOL aircraft in ground effect

Laser wake vortex characteristics from data measured at John F. Kennedy International Airport

Laser Doppler velocimeter measurements of wake vortex characteristics

Investigation of a laser Doppler velocimeter system to measure the flow field around a large scale V/STOL aircraft in ground effect

Thermal stability of ribbed sheet systems

Experimental investigation of the aerodynamic characteristics of a wing in a jet flow

NASA gear research and its probable effect on rotorcraft transmission design

Method of determining mechanical-impurity contents in jet fuels

Flow around a circular cylinder near a plane boundary layer for aero engines

Serviceability of gearbox casings of fibre-reinforced plastic for aircraft casings

Measurement of emulsion water content in aviation fuel

Calculation of a laminar wall jet in a wake

Measurement of rotation of rotation rate sensors

Method of determining mechanical-impurity contents in jet fuels

Method of determining mechanical-impurity contents in jet fuels

Method of determining mechanical-impurity contents in jet fuels
PERSONAL AUTHOR INDEX

zieberg, m.
The survivability of helicopters to rotor blade ballistic damage
p0014 A79-10913

zineck, m.
Development of the uh-60a helicopter
p0079 A79-16239
Advanced technology applied to the uh-60a and s-76 helicopters
p0304 A79-31172

zinn, b. t.
Wave propagation in ducts using the finite element method
[asme papers 79-0659] p0267 A79-26879
Application of finite element techniques in predicting the acoustic properties of turbofan inlets
p0375 A79-20831

zipkin, b. a.
Making turbofan engines more energy efficient
[asme papers 78-gt-198] p0011 A79-10818

zittel, w. d.
Echo interpretation of severe storms on airport surveillance radars
[ad-a061085] p0240 A79-17123

zloetz, v. v.
Experimental investigation of the aerodynamic drag of simple bodies in two-phase flow
p0525 A79-63172

zudinskiy, z.
Aircraft electric power networks - Structures, i
p0836 A79-11369

zoche, h.-j.
Reliability of aircraft structures
p0062 A79-16583

zolezzi, b. a.
Study of an advanced General Aviation Turbine Engine (gate)
[nasa-cr-159558] p0383 A79-21073

zoller, c. j.
Principle of operation of Navstar and system characteristics
p0063 A79-14183

zorick, d. a.
The dg-800 - a rugged, high performance heading reference unit
p0619 A79-86677

zorba, c.
Calculation of the non linear aerodynamic coefficients of wings of various shapes and their wakes, including canard configurations
p015a A79-20106

zorba, c. r.
The calculation of non-linear aerodynamic characteristics of wings and their wakes in subsonic flow
p0602 A79-47099

zelenov, v. n.
Influence of fuels on the reliability of jet engines and jet aircraft: Reliability with respect to fuel and lubricants
p0113 A79-17562
Accuracy of determination of aromatic hydrocarbon content in jet fuels by the sulfuric acid method
p0324 A79-29120
Method of determining mechanical-impurity contents in jet fuels
p0623 A79-88859

zubov, n. n.
Influence of the flow angle on the characteristics of an elbow-shaped air intake
p0850 A79-36585

zuchowicz, k.
Aircraft lighting equipment
p0016 A79-11366

zurn, j.
Hardware and software structure of a coordination system for air traffic control on the basis of flight plan data
p0265 A79-26760

zurak, g. w.
A new flow model for highly separated airfoil flows at low speeds
p0358 A79-20053

zurav, t. g.
A method of solving multicriteria optimization problems for load-bearing structures
p0020 A79-12163

zysina-olozheb, l. b.
The influence of longitudinal pressure gradient and turbulence of the flow upon heat transfer in turbine blades
p0528 A79-42892

zysina-olozheb, l. n.
A self contained collision avoidance system for helicopters
p0656 A79-30206
<table>
<thead>
<tr>
<th>CORPORATE SOURCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEROSPACE RES. CO., PHOENIX, ARIZ.</td>
</tr>
<tr>
<td>ADVISORY GROUP FOR AEROSPACE RESEARCH AND DEVELOPMENT, PARIS (FRANCE).</td>
</tr>
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<td>ADVISORY GROUP FOR AEROSPACE RESEARCH AND ADVANCED TECHNOLOGY, INC., NCLEAN, VA.</td>
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<td>ADJUTANT GENERAL CENTER, WASHINGTON, D. C.</td>
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<td>ADMINISTRATIVE SCIENCES CORP., ALEXANDRIA, VA.</td>
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<tr>
<td>NAVAL AIRCRAFT OPERATING AND SUPPORT CENTER, WHITEPLAINS, N.Y.</td>
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<tr>
<td>ADVANCED TECHNOLOGY, INC., MCLEAN, VA.</td>
</tr>
</tbody>
</table>

The title of the document is used to provide a brief description of the subject matter. The page number and NASA accession number are included in each entry to assist the user in locating the abstract.
A numerical solution of supersonic and hypersonic viscous flow fields around this planar delta wings
[AD-A056513]
Investigation of the YF-16 in high angle of attack asymmetric flight
[AD-A056511]
An experimental study of a catalytic combustor for an expendable turbojet engine
[AD-A056512]
A statistical analysis of selected human factors involved in aviation safety
[AD-A059284]
An analysis of the stability of an aircraft equipped with an air cushion recovery system
[AD-A057434]
Prediction of selected jet fuel test results using linear regression analysis
[AD-A059185]
Stabilization techniques for improved response of the Y-15 aircraft
[AD-A056514]
Calculation of aerodynamic pressure distributions on arbitrary aircraft geometries using the windward aerodynamic analysis program
[AD-A058708]
The application of system dynamics to a managerial model of aeronautical systems division
[AD-A059312]
Development of a systematic technique for analyzing the effectiveness of aircraft class 4 modifications
[AD-A060551]
Development of smart target for simulation of one-on-one air-to-air combat
[AD-A056739]
Analysis of the functional requirements for an intelligent airborne computer system
[AD-A061649]
Unsteady boundary layer flow reversal in a longitudinally oscillating flow
[AD-A063140]
Determination of the stability and control derivatives for the variable-response research aircraft using a modified maximum likelihood estimator
[AD-A063270]
Error model verification for a three axis laser gyro strapdown inertial measurement unit
[AD-A064857]
Parametric analysis of stereoscopic tracor for use in tactical aircraft
[AD-A064688]
Application of model algorithmic control to a lightly damped simple input single output system
[AD-A066222]
A study of embedded computer system software acquisition management and recommendations to improve development visibility
[AD-A068797]
The production function and airframe cost estimation
[AD-A065570]
Optimal placement of regional flight simulators
[AD-A066450]
A simulation model of attack helicopter vulnerability to hostile artillery fire
[AD-A067972]
A method for evaluating KC-135 avionics configurations
[AD-A067069]
Implementation and testing of numerical analysis techniques in avionics applications
[AD-A069299]
Investigation of roll performance for a highly noisome statically unstable fighter-type aircraft
[AD-A069301]
The design of digital controllers for the C-141 aircraft utilizing entire eigenvalue assignment and the development of an interactive computer design program
[AD-A066192]
Investigation of inverse Vandermonde matrix calculation for linear system applications
[AD-A069241]
An investigation of flame stability in a coaxial dump combustor
[AD-A070701]
An investigation of flame stability in a coaxial combustor
[AD-A070809]
Aerospace structural metals handbook, Volume 5, supplement 11: Nonferrous alloys
[AD-A062553]
An analysis of the low cycle fatigue behavior of the superalloy Rene 95 by strainrange partitioning
[AD-A066252]
Residual surface strain distributions near holes which are coldworked to various degrees
[AD-A070564]

Implementation of an optimum profile guidance law for sweet approach automatic landing systems using modern control techniques

Evaluation of the navigation performance of Avionics standardization potential analysis

Preliminary evaluation of several nondestructive-evaluation techniques for helicopter rotor blades

Development of a digital guidance and control system on STOLAND requirements for the Integrated Avionics Control System (IACS)

Analysis of plume rise from jet aircraft

Evaluation of the navigation performance of VTOL aircraft

Analysis of dynamic flight information

Analysis of the performance of shipboard-VEC-landing guidance systems

A method for selecting a crushworthy fuel system

Visual pockets: A design parameter for helicopter instrument panels

The evaluation of new bonding systems for helicopter main rotor flow survey

A new method for designing shock-free transonic configurations

Helicopter crashworthy fuel systems & their effectiveness in preventing thermal injury

Comparative injury patterns in US Army helicopters

Visual pockets: A design parameter for helicopter instrument panels

The near-tern potential of Doppler location

Helicopter engine special requirements for the C-5

Helicopter quick fix, phase I: Commercial helicopter quick fix, phase II:

A method for designing shock-free transonic configurations

Analysis of vehicle air pollution model.

Preliminary airworthiness evaluation EH-1H

Artificial-icing test phobic coatings on OH-1H

Assessment of the benefits of aircraft - 1977

Helicopter crashworthy fuel systems and their effectiveness in preventing thermal injury

Army Agency for Aviation Safety, Fort Rucker, Ala.

Armament Research and Development Command, Aberdeen Proving Ground, Md.

Army Air Mobility Command, Dover, Del.

Army Aviation Engineering Flight Activity, Moffett Field, Calif.

Summary of several nondestructive-evaluation techniques for silicon nitride gas-turbine rotors

Army Aviation Engineering Flight Activity, Edwards AFB, Calif.

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Army Research & Development Command, Aberdeen Proving Ground, Md.


Army Research and Development Command, Aberdeen Proving Ground, Md.

Army Research and Development Command, Aberdeen Proving Ground, Md.
Engineer design test 1, Hughes TAH-64, advanced attack helicopter  
[AD-A0664359] p0420 N79-22077
Flight evaluation MK 2 integrated controller  
installed in an OH-58A helicopter  
[AD-A0665217] p0436 N79-23103
Preliminary airworthiness evaluation AR-1S  
helicopter equipped with a Garrett infrared  
radiation suppressor and an AR/AOG-148 jammer  
[AD-A0667757] p0541 N79-26047
Preliminary airworthiness evaluation BO-214  
guardrail vehicle  
[AD-A0668347] p0593 N79-29178
AR-1G helicopter, 19-round lightweight airborne  
launch system envelope determination  
[AD-A0698286] p0652 N79-30177
Airworthiness and flight characteristics test,  
CV-1C takeoff performance  
[AD-A0698277] p0652 N79-30178
Preliminary airworthiness evaluation CH-47C with  
ceramic fiber main rotor blades  
[AD-A0695891] p0705 N79-32199
Preliminary airworthiness evaluation OH-58C  
helicopter  
[AD-A0716199] p0715 N79-33196
Limited airworthiness and flight characteristics  
evaluation model 214B helicopter with fiberglass  
main rotor blades  
[AD-A0717211] p0716 N79-33197
Preliminary airworthiness evaluation OH-58D  
helicopter installed with enhanced coax  
armament system (AR-1S/CACS)  
[AD-A071343] p0716 N79-33198
ARMY AVIATION RESEARCH AND DEVELOPMENT COMMAND,  
Cleveland, Ohio.
Performance of two-stage fan having  
low-aspect-ratio first-stage rotor blade  
[NASA-TP-1493] p0551 N79-27143
ARMY AVIATION RESEARCH AND DEVELOPMENT COMMAND,  
Fort Rucker, VA.
Summary Report of the Icing Committee  
[NASA-TP-1396] p0243 N79-17425
Crashworthy helicopter seats and occupant  
restraint systems  
[NASA-CP-152261] p0312 N79-19658
ARMY AVIATION RESEARCH AND DEVELOPMENT COMMAND,  
Hartford, Vt.
Experimental investigation of three helicopter  
rotor airfoils designed analytically  
[NASA-TP-1396] p0416 N79-22037
ARMY AVIATION RESEARCH AND DEVELOPMENT COMMAND,  
Robert A. Taft  
Flap-lag-torsion aeroelastic stability of  
circulation-controlled rotors in hover  
[ARS 79-46] p0126 N79-18165
Comprehensive helicopter analysis: A state of  
the art review  
[NASA-TR-78253] p0086 N79-12019
Mission environment simulation for Army  
rotorcraft development: Requirements and  
capabilities  
[NASA-CS-152261] p0222 N79-15977
The role of rotor impedance in the vibration  
analysis of rotorcraft, part 4  
[NASA-CP-152261] p0363 N79-20103
ARMY AVIATION RESEARCH AND DEVELOPMENT COMMAND,  
St. Louis, MO.
Parameter identification applied to analytic  
ingless rotor modeling  
[AD-A065462] p0197 N79-22475
Computer-assisted high-speed balancing of T55  
and T55 power turbines  
[ARS 79-46] p0631 N79-09088
Aircraft TAC (MMR/FB) data comparative analysis  
[AD-A0566893] p0231 N79-10001
Doppler Dовой System (DBS) flight test report  
[AD-A0567777] p0363 N79-10053
Comparison of the effect of structural coupling  
parameters on flap-lag forced response and  
stability of a helicopter rotor blade in  
forward flight  
[AD-A0564645] p0654 N79-11037
Weir of some materials used in aircraft  
propulsion systems  
Low-speed aerodynamic characteristics of a  
16-percent-thick variable-geometry airfoil  
designed for general aviation applications  
A laser velocimeter flow survey above a stalled  
wing  
[NASA-TP-1256] p0157 N79-14019
Digital symbology generator program  
[AD-A060216] p0516 N79-14111
Digital symbology generator program  
[AD-A060216] p0516 N79-14111
AR-1G helicopter fatigue requirements and  
substantiation procedures  
[AD-A066018] p0636 N79-23100
Lean, premixed, prevaporized combustion for  
gas turbine engines  
Effect of array-state pressure distortion on  
flow characteristics entering a turbomfan engine  
[NASA-TR-79114] p0486 N79-23965
RAM predictions for aircraft rotor blades  
[AD-A066822] p0550 N79-27130
Wind-tunnel investigation of an armed mini  
remote pod vehicle  
ARMY AVIATION SISTERS COMMAND,  
St. Louis, MO.
Proceedings of the Technical Conference on the  
Effects of Helicopter Downwash on Fire  
Projectiles  
ARMY AVIONICS RESEARCH AND DEVELOPMENT ACTIVITY,  
Champaign, Ill.
Integrating Navigation Control System (IACS)  
[AD-A0545764] p0037 N79-10056
A survey of communications in the high noise  
environment of Army aircraft  
Applications of pattern recognition systems for  
day/night precision aircraft control  
Heterodyning CO2 laser radar for airborne  
applications  
The impact of a multi-function programmable  
control display unit in affecting a reduction of  
pilot workload  
ARMY CONSTRUCTION ENGINEERING RESEARCH LAB.,  
Champaign, Ill.
Systems approach to life-cycle design of  
pavements, Volume 3: LIFER program listing  
[AD-A0666568] p0431 N79-23260
ARMY ENGINEER TOPOGRAPHIC LABS.,  
Fort Belvoir, VA.
Analysis, storage, and retrieval of elevation  
data with applications to improve penetration  
[AD-A0697879] p0582 N79-28166
ARMY ENGINEER WATERWAYS EXPERIMENT STATION,  
Vicksburg, Miss.
Literature review-elastic constants for airport  
pavement materials  
[AD-A065195] p0096 N79-12000
Nondestructive evaluation procedure for military  
airfields  
[AD-A058736] p0106 N79-13067
User's guide: Computer program with interactive  
graphics for analysis of plane frame  
structures (CPFRM)  
[AD-A0671389] p0503 N79-25428
Development of a structural design procedure for  
rigid airport pavements  
[AD-A0695468] p0584 N79-28187
ARMY NATURAL SYSTEMS ANALYSIS ACTIVITY,  
Aberdeen Proving Ground, Md.
A computer program for double sweep optimal  
smoothing  
[AD-A065612] p0502 N79-25278
ARMY MISSILE COMMAND,  
Redstone Arsenal, Ala.
Feasibility study of mini-BVP for attack  
[AD-A066915] p0219 N79-15953
ARMY MISSILE COMMAND,  
Redstone Arsenal, Ala.
Radar track data correlation or reachable sets  
revisited: The reachable state  
[AD-A0650565] p0436 N79-23318
Flight test results of a virtual image,  
radar, and graph mounted, control and display station  
[AD-A070290] p0706 N79-32207
ARMY MOBILITY EQUIPMENT RESEARCH AND DEVELOPMENT  
COMMAND, Fort Belvoir, VA.
Water absorption of fluids/oils  
[AD-A0695515] p0488 N79-24158
Comparison of two flow surveys above stalled wings

Evaluation of a flight simulator (device 2B24)

Wind tunnel tests of four flexible wing

Velocity measurement about a NACA 0012 airfoil

XV-15 flight test results compared with design

Wind tunnel and flight test of the XV-15 Tilt

An experimental investigation of the effect of

Flight research capabilities of the NASA/Army

On methods for application of harmonic control

Aeroacoustics test facility rake

Effects of vertical tail flexibility on the

Army aircraft fire control systems performance

Internal/external lighting (aviation material)

Adding the challenge of nap-of-the-earth

Army Tropic Test Center, AP New York

Intensive tropic function testing

A new facility for structural engine testing

Engine icing measurement capabilities at the AEDC

Aerodynamic characteristics of a 1/2-scale F-111 aircraft with various external stores at Mach numbers from 0.5 to 1.3

Thrust plate thermodynamic effects on nonaxi-symmetric nozzle afterbody performance in transonic flow

Correlation of experimental and theoretical steady-state spinning motion for a current fighter airplane using rotation-balance

Sensitivity of aircraft spinning motion to dynamic cross-coupling and acceleration derivatives

Aircraft motion sensitivity to variations in dynamic stability parameters

Comparisons of turbine engine combustor exhaust emissions measurements using three gas-sampling probe designs

Computerized heat-transfer and stress analysis of wind tunnel metal throat liners

Effects of vertical tail flexibility on the aerodynamic characteristics of a 0.03-scale NASA Space Shuttle Orbiter at Mach numbers from 0.90 to 1.55

Experimental studies in a Ludwig tube transonic tunnel

Model diffuser investigation for propulsion wind tunnel 16T

Optical in situ versus probe measurements of nitric oxide concentration as a function of axial position in a combustor exhaust

Aeropropulsion systems test facility rake calibration test in tunnel A

Wind/store flow-field measurements at transonic speeds using a laser velocimeter
A force and moment test of a 1/24-scale T-111 model at Mach numbers from 0.7 to 1.3
(AD-A070192)

A vortex lattice technique for computing ventilated wind tunnel wall interference
(AD-A070445)

Tunnel 16T performance: Two- and three-stage compressor performance
(AD-A070191)

An experimental investigation of the acoustic characteristics of a variety of slot baffle configurations for transonic wind tunnel walls
(AD-A070261)

ASSOCIATION AERONAUTIQUE ET ASTRONAUTIQUE

AVIONS MARCEL TASSAULT-BREGUET AVIATION,
ATCON AVIATION CONSULTANTS, BOULDER, COLO.

AUBURN
ATLANTIC SCIENTIFIC CORP., INDIAN HARBOUR BEACH, FLA.

ATELIERS DE CONSTRUCTIONS ELECTROELECTRIQUES DE CEABLENOI
FRANCE, PARIS.

SAIN-Cloud (FRANCE).

ASSOCIATION AERONAUTIQUE ET ASTRONAUTIQUE DE FRANCE, PARIS.

European transonic wind tunnel project for high Reynolds numbers
(AD-9352-78-01)

Effect of the model vertical position in a slotted wall wind tunnel
(AD-9172-78-06)

Similitude, manufacturing, identifications, and instrumentation of test models
(AD-A077-78-12)

Modernization of the low-speed wind tunnel at Breguet de Velizy: Measuring system modernization
(AD-A1-78-11)

Construction problems specific to models for high Reynolds number wind tunnels
(AD-9352-78-02)

Adaptation for theencyc or adaptation for energy conservation
(AD-9372-77-23)

AVIEIERS DE CONSTRUCTIONS ELECTRIQUES DE CEABLENOI
(BELGIUM).

Problems involved in starting and shutdown of gas turbines: Thermodynamic and mechanical aspects
(p0587 N79-28565)

ATLANTIC SCIENTIFIC CORP., INDIAN HARBOUR BEACH, FLA.

An investigation into the noise/wind tunnel interference problems at Logan Airport, Boston
(AD-A072057)

APONEC ENERGY RESEARCH ESTABLISHMENT, BARNE F
(ENGLAND).

High resolution radiography in the aero-engine industry
(p0502 N79-25414)

AUBURN UNIV., ALA.

An aerodynamic analysis of deformed wings in subsonic and supersonic flow
(AD-A067756)

AUDIT ROCK AUTO UNION L.C., MECKESBULU (WEST GERMANY).

A review of the A120-Flugzeugbau Wankel powered aircraft program
(p0221 N79-15965)

AYCO LICORING DIV., STRATFORD, CONN.

Transmission seal development
(AD-A15372)

Structural analysis of a gas turbine impeller using finite-element and holographic techniques
(p0552 N79-2749)

Development of spiral-groove self-acting seals for helicopter engines
(AD-A096227)

AYCO AVIATION CONSULTANTS, BOULDER, COLO.

Operational requirements for flight control and navigation systems for short haul transport aircraft
(AD-A05-962)

AYCORG MARCEL TASSAULT-BREGUET AVIATION,
SAINT-Cloud (FRANCE).

DIAPO: A computer aided design and fabrication system
(p0374 N79-20763)

Visualizations and calculations of air intakes at high angles of attack and low Reynolds number
(p0415 N79-22030)

Wall interference effects
(p0439 N79-20111)

Improvement of the aerodynamic circuit in the Breguet-Velizy low speed wind tunnel
(AD-A077-78-11)

Determining the dynamic response due to an imbalance at the attachments of a motor on a pod

Introduction to the arcopter arc wing and the rotary balance data for a typical single-engine design charts and boundaries for identifying factors influencing the accuracy of aerodynamic visual criteria for out of the cockpit visual crew escape concepts for advanced high performance characteristics of a wedge nozzle integration of air cushion landing system proposed advancements in simulation of ice accretion shapes for evaluating aircraft handling and performance characteristics proposed advancements in simulation of atmospheric phenomena for improved training

The continuity factor in aircraft development

Upgraded viscous flow analysis of multi-element airfoils


BIONTICS CORP., HAMPTON, VA.

BIOTECHNOLOGY, INC., FALLS CHURCH, VA.

CAST ALUMINUM STRUCTURES TECHNOLOGY, phase 3

BODENSEEWERK G!BAETETECHNIK G.H.B.H., UEBERLINGEN (WEST GERMANY).

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C-9
Nonlinear interaction between mean and unsteady flowfields near Mach 1
[AD-A060708]
Evaluation of laminar flow control system concepts for subsonic commercial transport aircraft
[NASA-CR-158976]
Assessment of state-of-the-art of in-service inspection methods for graphite epoxy composite structures on commercial transport aircraft
[NASA-CR-158969]
Summary report of the Aircraft Design Committee
Volume 2: Supplemental system design and maintenance document
[AD-A060870]
Low-speed single-element airfoil synthesis
[NASA-CR-152120]
A procedure for analyzing transonic flow over harmonically oscillating airfoils
[NASA-CR-159699]
Inverse boundary-layer technique for airfoil design
Reduction of computer usage costs in predicting unsteady aerodynamic loadings caused by control surface motions: Analysis and results
[NASA-CB-158998]
Development of Integrated Programs for dynamic loads analyses of flexible airplanes with active controls
[NASA-CE-158998]
Summary report of the second wind tunnel test of the Boeing LFC model
[NASA-CR-159487]
Ozone Contamination in Aircraft Cabins:
Development of fire test methods for airplane interior materials
[NASA-CE-159569]
Development of aircraft lavatory compartments with improved fire resistance characteristics.
[NASA-CR-2854]
A method to estimate weight and dimensions of large and small gas turbine engines
[AD-A061360]
Technical paper: Interdisciplinary aerodynamics of the single rotor helicopter configuration. Volume 2: Design of the rotor and the fuselage
[AD-A061079]
Design of helicopter rotors to noise constraints
[NASA-CR-2846-1]
A review of Boeing interior materials and fire test methods development programs
[NASA-CR-2981]
A review of Boeing interior materials and fire test methods development programs
[NASA-CR-30091]
A program to compute three-dimensional unsteady aerodynamic characteristics using the doublet lattice method, L216 (DUBPFLX)
[NASA-CR-159495]
A program to compute three-dimensional subsonic unsteady aerodynamic characteristics using the doublet lattice method, L216 (DUBPFLX)
[NASA-CR-159487]
A method to estimate weight and dimensions of large and small gas turbine engines
[AD-A061359]
A method to estimate weight and dimensions of large and small gas turbine engines
[AD-A061360]
A method to estimate weight and dimensions of large and small gas turbine engines
[AD-A060789]
A review of Boeing interior materials and fire test methods development programs
[NASA-CR-30091]
A review of Boeing interior materials and fire test methods development programs
[NASA-CR-2981]
Interactional aerodynamics of the single rotor helicopter configuration. Volume 7-B: Frequency analyses of wake split film data, basic configuration wake explorations [AD-A063248] p0379 79-21018

Interactional aerodynamics of the single rotor helicopter configuration. Volume 7-A: One-third octave band spectrograms of wake split film data, air ejectors with hubcaps, wing [AD-A063246] p0379 79-21016

Interactional aerodynamics of the single rotor helicopter configuration. Volume 5: Harmonic analyses of hub wake [AD-A063245] p0379 79-21017

Interactional aerodynamics of the single rotor helicopter configuration. Volume 4: One-third octave band spectrograms of wake split film data, air ejectors [AD-A063653] p0379 79-21018


Identification of high payoff research for more efficient applicator helicopters in agriculture and forestry [NASA-CR-152258] p0049 79-22076

OH-58 composite main rotor blades preliminary design investigation [AD-A065010] p0821 79-22085

Interactional aerodynamics of the single rotor helicopter configuration. Volume 6B: One-third octave band spectrograms of wake single film data, basic configuration wake explorations [AD-A063861] p0082 79-23931


Evaluation of pylon focusing for reduced helicopter vibration [AD-A069712] p0055 79-30196

Development of crashworthy passenger seats for general-aviation aircraft [NASA-CH-159100] p0666 79-31164


HOLT, BEHAER, AND NEHRAN, INC., CAMBRIDGE, MASS.

Subjective evaluation of helicopter blade slap noise [AD-A063247] p0007 79-10844

Helicopter cabin noise: Methods of source and path identification and characterization [AD-A063249] p0041 79-10856

HOLT, BEHAER, AND NEHRAN, INC., CANOGA PARK, CALIF.

Characteristics of propeller noise on an aircraft fuselage related to interior noise transmission [AIAA PAPER 79-0646] p0271 79-26932

Computer-aided collection of demographic data within day-night level contours: Two test cases [AD-A061657] p0306 79-19010

Helicopter noise level functions for use in community noise analyses [AD-A063455] p0600 79-29964

BORG-WARNER CORP., DES PLAINES, ILL.

Sample calculation 4: phi = 9 deg 57 [AD-A064845] p0600 79-22040

HOBST (HENRY V.) AND ASSOCIATES, WAYNE, PA.

Aerodynamic design and analysis of propellers
for mini-remotely piloted air vehicles.
Volume 2: Ducted propellers
[AD-A056946]
P0234 W75-10062
A new blade element method for calculating the
performance of high and intermediate solidity
axial flow fans
[RASA-CR-3063]
P0103 W79-13047
BOSTON UNIV., MASS.

Unsteady subsonic and supersonic potential
aerodynamics for complex configurations
P0023 W79-12366

BRISTOL UNIV. (ENGLAND).

Unsteady aerodynamics of oscillating containers
and application to the problem of dynamic
stability of helicopter underslung loads
P0177 W79-15073
An investigation into voltage modulation in
aircraft V.S.C.F. systems
P0286 W79-17158
On slender wings with leading edge casseus
P0015 W79-22032
An investigation into the transient aerodynamics
associated with an spoiler emerging into a
uniform airstream
[BU-219]
P0831 W79-23046
An investigation into the pressure distributions
over a wing and store combination at low speeds
[BU-226]
P0831 W79-23047
The effect of surface imperfections on the
aerodynamic performance of an airfoil at
moderate Reynolds numbers
[BU-217]
P0831 W79-23048
A study of the Sheriff's wing
[BU-215]
P0833 W79-23072
The electric impulse de-icing method
[BU-227]
P0833 W79-23073
The trajectories of spherical particles in flow
through cascaded turning vanes
[BU-220]
P0337 W79-23096
The effect of blockage in shear flow in the wind
tunnel
[BU-221]
P0041 W79-23125
Analysis of the mechanical properties of rigid
foams with particular consideration of a rigid
polyether structural foam
[BU-229]
P0041 W79-23227
BRITISH AEROSPACE AIRCRAFT GROUP, BRISTOL (ENGLAND).
Fabrication of titanium at high temperatures
P0042 W79-23252
BRITISH AEROSPACE AIRCRAFT GROUP, PRESTON (ENGLAND).
Integration of an airframe with a turbofan and
afterburner system
P0566 W79-27172
BRITISH AEROSPACE AIRCRAFT GROUP, WARDEN (ENGLAND).
Simulating the visual approach and landing
P0222 W79-15975
Mission simulation as an aid to display assessment
P0355 W79-20028
Flying qualities and the fly-by-wire aeroplane
P0660 W79-30238
BRITISH AEROSPACE AIRCRAFT GROUP, WETBRIDGE (ENGLAND).
A discussion of the production design office
benefits of C.A.D.
P0374 W79-20767
BRITISH AEROSPACE DYNAMICS GROUP, BRISTOL (ENGLAND).
The panel method for subsonic aerodynamic flow:
A survey of mathematical formulations and
numerical models with an outline of the new
British aerospace scheme
P0586 W79-28475
The computation of vortex flows by panel methods
P0587 W79-28482
BRITISH AIRCRAFT CORP., PRESTON (ENGLAND).
Transonic/supersonic lateral aerodynamic
derivatives
P0216 W79-15913
Control-configured combat aircraft
P0236 W79-16668
BRITISH AIRCRAFT CORP., WETBRIDGE (ENGLAND).
Active controls for civil transport aircraft
P0236 W79-16673
BRITISH AIRCRAFT CORP. (OPERATING) LTD., BRISTOL (ENGLAND).
An EPB design study
P0219 W79-15947
Aerodynamics
P0219 W79-15946

C-12

Propulsion
P0219 W79-15950
Launch and Recovery
P0219 W79-15951

BRITISH COLUMBIA UNIV., VANCOUVER.

Oscillatory aerodynamics and stability
derivatives for airfoil spoiler motions
P0178 W79-15085

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Comparison of the aerodynamic properties of an
airplane with the tail-first configuration
and with the conventional configuration
[BEL-RTS-11520]
P0285 W79-17970
Separation and investigation of wear particles
from aero-engines
[BEL-RTS-11520 (5901.0F)]
P0282 W79-17856
Aerodynamic behavior of fibres and sampling of
respirable dust
[BEL-RTS-11526]
P0298 W79-19470
Two-stage supercharger nets: Efficiency and
head distribution under full- and part-load
conditions
[BTS-11613]
P0490 W79-28342
Forcasting the quantitative characteristics of
aircraft icing
[BTS-11613 (5022.589)]
P0493 W79-28971
BOWE, BOYER AND CO., LTD., BADEN (SWITZERLAND).
A three-dimensional flow computing system
applied to elementary and radial flow
turbomachines
P0587 W79-28558
A gas turbine off-design computing system
P0587 W79-28563

BUNDESINTERNISHEN DER VERTEIDIGUNG, BONN (WEST
GERMANY).

A contribution to the development of theoretical
calculations for the design and optimization of
lifting bodies. (Solution of the three-dimensional basic thoro fluid dynamics
equations with strong interacting attached and separated flow fields)
[BVVS-PFWT-78-A]
P0288 W79-17816
HURKER-RANG CORP., WEIGHT-PATTERSON AFB, OHIO.
Multifunctional keyboard implementation study
[AD-A066140]
P0501 W79-25046

C

CAP ELECTRONICS LTD., MONTRAL (QUEBEC).
Recent advances in television visual systems
P0223 W79-15986
CALIFORNIA INST. OF TECH., PASADENA.

Flying hot-wire study of two-dimensional
turbulent separation on a NASA 4412 airfoil at
maximum lift
P0033 W79-10019
The flying hot wire and related instrumentation
[NASA-CR-3066]
P0049 W79-11352
Oscillatory aerodynamics and stability
derivatives for airfoil spoiler motions
P0178 W79-15085
Unsteady small-gap ground effects
[AD-A0684001]
P0581 W79-28157
Optimal controller design methods for linear
systems with uncertain parameters-development,
evaluation, and comparison
P0178 W79-33215
CALIFORNIA RESEARCH AND TECHNOLOGY, INC., WOODLAND
HILLS.

Fuel tank survivability for hydorcarbon gas
induced by high velocity fragments. Part 2:
Numerical analyses
[AD-A070128]
P0669 W79-31200
CALIFORNIA UNIV., LIVERMORE. LAWRENCE LIVERMORE LAB.
Experimental investigation of the buckling
characteristics of a beaded skin panel for a
hypersonic aircraft - Including comparisons
with finite element and classical analyses
[ASME PAPER 78-VA-AHM-03]
P0188 W79-19177
CALIFORNIA UNIV., LOS ANGELES.

Application of the finite element method to
rotary-wing aeroelasticity
P0311 W79-18659
Forflation of the aerelastic stability and
response problem of coupled rotor/support
systems
[ALAA-79-0732]
P0319 W79-29006
Aerelastic response and stability of a coupled
rotor/support system with application to large
Committee on Commerce, Science, and Transportation

Propelled lighter-than-air vehicles p0882 W97-23925
Aircraft and airport noise reduction p0500 W97-25038
Aviation safety p0592 W97-29162
International air transportation competition act of 1978 p0653 W97-30168

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Corporate source index

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Computer information systems, Cupertino, Calif.

Control data corp., St. Paul, Minn.

Defense and Civil Inst. of Environmental Medicine,

Dayton Ohio.

A model for unsteady effects in lateral dynamics for use in parameter estimation p0567 W97-45318
The aerelastic analysis of a two-dimensional airfoil in transonic flow p0087 W97-12023
Dayton aircraft cabin fire model validation, phase 1 p0085 W97-12050
The charge impact test as a method for evaluating impact resistance of composite materials p0098 W97-12067
Fuel tank survivability for hydrodynamic rams induced by high velocity fragments. Part 1: Experimental results and design summary p0094 W97-12091
Behavior of nonmetallic materials in sheal oil derived jet fuels and high aromatic and high sulfur petroleum fuels p0108 W97-15203
Frost formation on an airfoil: A mathematical model p0042 W97-22706
Predicted crack repair costs for aircraft structures p0056 W97-29138
Fuel tank survivability for hydrodynamic rams induced by high velocity fragments. Part 2: Numerical analyses p0058 W97-29138
DCW Industries, Studio City, Calif.

User guide for STRMLN: A boundary-layer program for contoured wind-tunnel liner design p0043 W97-23114

Decision science, Inc., San Diego, Calif.

Tactical performance characterization basic methodology p0064 W97-31235

Defence and Civil Inst. of Environmental Medicine, Downsview (Ontario).

Preliminary investigation of the seated height limit for safe through-the-canopy ejection from the CT-114 aircraft p0062 W97-20093
Test and evaluation of modified high performance jet aircrew life preserver p0066 W97-31200

Defense research establishment, Ottawa (Ontario).

Tracker antenna location study p0019 W97-22067

Delta electronic control corp., extreme, Calif.

Development of a 10 KVA power conditioner unit, aircraft, 115/200 volt, 1-phase, 400 Hz p0059 W97-11049

Department of Energy, Huntsville, Ala.

Aviation turbine fuels, 1977 p0045 W97-11240
Thermodynamics of organic compounds p0042 W97-23232
DOUGLAS AIRCRAFT CO., INC., LONG BEACH, CALIF.

An efficient user-oriented method for calculating compressible flow about three-dimensional inletlets
(AIAA PAPER 79-0081) p0161 A79-15924

Propeller slipstream wing interactions at Mach no. 0.8
(SAE PAPER 780997) p0255 A79-25881

Lateral noise-attenuation results from flyovers of three transport aircraft
(AIAA PAPER 780621) p0318 A78-28666

Inlet design studies for a Mach 2.2 advanced supersonic cruise vehicle
(AIAA PAPER 78-1616) p0684 A79-51247

Douglas Aircraft cabin fire tests
(p087 N97-12031

Fire resistant aircraft seat materials
Study to develop improved fire resistant aircraft seat materials, phase 2
(NASA-CR-152184) p0088 N97-12044

Active-control design criteria
A study on the utilization of advanced composites in commercial aircraft wing structures: Executive summary
(NASA-CR-158902-1) p0369 N79-20189

A study on the utilization of advanced composites in commercial aircraft wing structure
(NASA-CR-158902-2) p0369 N79-20190

Damage tolerance analysis of redundant structures
Design of redundant structures
(p0373 N79-20418

Active control transport design criteria
(CARGO AIRLIFT SYSTEM STUDY (CLASS)) p0433 N79-23065

Failures in adhesively bonded structures
(CARGO AIRLIFT SYSTEM STUDY (CLASS)) p0441 N79-23454

Cargo Logistics Airlift Systems Study (CLASS). Volume 2: Case study approach and results
(NASA-CR-158943) p0040 N79-24981

Simulated propeller slipstream effects on a supercritical wing
(NASA-CR-152138) p0048 N79-25024

Validation of aircraft noise prediction program
(NASA-CR-159047) p0504 N79-25683

The 1990 system characteristics and requirements
(P0568 N79-27913

Airfreight forecasting methodology and results
The 1990 direct support infrastructure
(p0549 N79-27115

Airframe and avionic related research required to develop an effective high-speed runway exit system
(NASA-CR-155075) p0556 N79-27185

Effect of transport/cargo loads on spectrum of crack growth
(AIAA PAPER 80-05287) p0668 N79-31197

A user's manual for a computer program to generate fatigue spectrum loading sequences
(AIAA PAPER 80-05288) p0668 N79-31198

Wind tunnel noise demonstration program-canopy detail design options study
(AIAA PAPER 80-070376) p0669 N79-31201

A new approach to the solution of large, full matrix equations: A two-dimensional potential flow feasibility study
(NASA-CR-152053) p0676 N79-31533

High-speed bird impact testing of aircraft transparencies
(p0713 N79-31737

DOW CHEMICAL CO., WALNUT CREEK, CALIF.

Fabrication of fiberglass reinforced plastic
Surfaceing under wet conditions
(AIAA PAPER 79-05968) p0167 N79-14217

DOW CORNING CORP., MIDLAND, MICH.

Facial integral fuel tank sealants, part 1
(AIAA PAPER 80-06789) p0585 N79-28329

DRAKE (CHARLES STARK) LAB., INC., CAMBRIDGE, MASS.

Multifunction inertial reference assembly technology (MIRA) simulation development, configuration evaluation, and test plan development
(AIAA PAPER 79-05724) p0090 N79-12057

E

ECTODYNAMICS RESEARCH ASSOCIATES, INC., ALBUQUERQUE, N. MEX.

Semidirect computation of three-dimensional viscos flows over suction holes in laminar flow control surfaces
(NASA-CR-159017) p0376 N79-21005

ECOLE CENTRALE DE LYON (FRANCE)

Viscous flows in centrifugal compressors
EFFECTS TECHNOLOGY, INC., SANTA BARBARA, CALIF.

Dynamic behavior of aircraft materials
(AIAA PAPER 80-05852) p0308 N97-19387

ELECTROMAGNETIC COMPATIBILITY ANALYSIS CENTER, ANNAPOLIS, MD.

Automated VHF frequency Assignment System (PAS) for FAA air traffic control communications
(AIAA PAPER 80-1336) p0225 N97-16172

ENGINEERING SCIENCES DATA UNIT, LONDON (ENGLAND)

Aerodynamic center of wing-fuselage-nacelle combinations: Effect of rear-fuselage pylon mounted nacelles
(KS0078013) p0302 N79-10016

Local buckling and crippling of I, T, and channel section struts
Analysis of the zero-lift wave drag measured on delta wings
(AIAA-89-3818) p0090 N79-12060

Introduction to equations of motion for performance
ENGLISH ELECTRIC CO. LTD., NETSTON (ENGLAND).

ENVIRONMENTAL PROTECTION AGENCY, ANN ARBOR, MICH.

ENVIRONMENTAL PROTECTION AGENCY, LAS VEGAS, NEV.

LEXINGTON, MASS.

EUROCONTROL AGENCY, MAASTRICHT (NETHERLANDS).

EXXON RESEARCH AND ENGINEERING CO., LINDEN, N. J.

FACTORY MUTUAL RESEARCH CORP., NORWOOD, MASS.

FEDERAL AVIATION ADMINISTRATION, OKLAHOMA CITY, OKLA.

FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D. C.

FIAT RESEARCH CENTER, ORBASSANO (ITALY).

FERNANTI LTD., EDINBURGH (SCOTLAND).

FEDERAL AVIATION AGENCY, PALMDALE, CALIF.

FIAT AVIAZIONE S. P. A., TURIN (ITALY).

FLOW RESEARCH, INC., KENT, WASH.

FLORIDA UNIV., GAINESVILLE.

FLIGHT DYNAMICS RESEARCH CORP., VAN NUTS, CALIF.

FLOIDA UNIV. GAINESVILLE.

FLOW RESEARCH, INC., KENT, WASH.

FEDERAL AVIATION AGENCY, LAS VEGAS, NEV.

Development and evaluation of a helicopter-borne water-quality monitoring system

[AD-79-15085]

ENVIRONMENTAL PROTECTION AGENCY, ANN ARBOR, MICH.

Investigation of turbo-dyne energy chamber (GJB:

Investigation of the exhaust emission standards for new and in-use gas turbine aircraft engines based on EPA's independent estimates

[PB-2068026/0]

ENVIRONMENTAL PROTECTION AGENCY, ANN ARBOR, MICH.

Cost effectiveness analysis of the proposed revisions in the exhaust emission standards for new and in-use gas turbine aircraft engines based on EPA's independent estimates

[PB-2068026/0]

EUROCONTROL AGENCY, MAASTRICHT (NETHERLANDS).

Development and evaluation of a helicopter-borne water-quality monitoring system

[AD-79-15085]
Developing a national airport system:
Additional congressional guidance needed
(PB-294082/3)

Centralizing Air Force aircraft component repair
in the field can provide significant savings
(PB-295326/6)

If Army helicopter maintenance is to be ready
for wartime, it must be made efficient and
effective in peacetime
(PR-295300/6)

GENERAL DYNAMICS/CONVAIR, SAN DIEGO, CALIF.
Vehicle Design Evaluation Program (VDEP).
A computer program for weight sizing, economic,
performance and mission analysis by use of
fuel-conservative aircraft, multi-mission
aircraft and large cargo aircraft using both
JP-8 and alternative fuels
(NASA-CR-145070)

Boron/aluminum landing gear for Navy aircraft
(AO-1059888)

Calculation of the planar supercritical flow
over a NASA supercritical profile
(NASA-CR-111988)

The aerodynamic and thermodynamic
capabilities of the F-16 fighter/attack aircraft,
volume 1
(AIAA-PAPER-79-0062)

Aerodynamic characteristics of forebody and nose
strakes based on F-16 wind tunnel test
experience. Volume 2: Data base
(NASA-CR-30533)

GENERAL DYNAMICS CORP., SAN DIEGO, CALIF.
P-16 high angle of attack testing

P-16 advanced electro-optical pod field-of-view
simulation study
(AIAA-PAPER-78-0062)

Study of aerodynamic technology for VSTOL
fighter/attack aircraft, volume 1
(NASA-CR-152128)

Aerodynamic characteristics of forebody and nose
strakes based on P-16 wind tunnel test
experience. Volume 2: Data base
(NASA-CR-158922)

P-16 multi-national fighter

Design guidelines for the application of
forebody and nose strakes to a fighter
aircraft based on F-16 wind tunnel test
experiment

Behavior of adhesively bonded joints under
cyclic loading

Energy maneuverability display validation
[APPF-12-78-35-VOL-1]

Composites for fusion systems integration,
volume 2

Enhanced fighter mission effectiveness by use of
integrated flight systems

GENERAL ELECTRIC CO., CHICAGO, B.T.
Diode drive control valve for high-power
fly-by-wire flight control system actuators
(AO-1062030)

The 150 kVA marinerol cobalt SCF starter
generator electric system

GENERAL ELECTRIC CO., CINCINNATI, OHIO.
Performance characteristics of nonaxisymmetric
nozzles installed on the P-18 aircraft
(NASA-PAPER-89-201)
| Wave propagation in ducts using the finite element method | p0267 A79-26879 |
| Application of digital controls on the quiet clean-shutdown experimental engine | p0865 A79-38984 |
| Superalloy knife edge seal repair | p0046 N79-11055 |
| Experimental combustor program: Phase 3: Turbulence measurement addendum | p0094 N79-12088 |
| Definition study for variable cycle engine tested engine and associated test program | p0103 N79-13048 |
| Advanced composite engine rotor design | p0164 N79-14096 |
| Variable area exhaust nozzle | p0164 N79-14097 |
| Hybrid packaging of integrated circuits for engine controls | p0370 N79-20326 |
| CF6 jet engine performance improvement program. Task 1: Feasibility analysis | p0388 N79-21074 |
| Advanced composite engine rotor design | p0424 N79-22105 |
| Regenerative simulation of turbine engine performance/aircraft regression model. | p0424 N79-22106 |
| Analytical derivatives | p0436 N79-23090 |
| Turbine design system | p0436 N79-23091 |
| Turbulence measurements in the compressor exit flow of a General Electric CF6-50 engine | p0452 N79-24996 |
| Advanced low emissions catalytic combustor program at General Electric | p0497 N79-25011 |
| Lean, premixed, prevaporized combustor conceptual design study | p0497 N79-25012 |
| Design study and performance analysis of a high-speed multistage variable-geometry fan for a variable cycle engine | p0497 N79-25020 |
| State-of-the-art of nondestructive inspection of aircraft engines | p0502 N79-25413 |
| Aircraft engine design using experimental stress analysis techniques | p0552 N79-27151 |
| Experimental Clean Combustor Program (ECCP), phase 3 | p0670 N79-31207 |
| Analytical evaluation of the impact of broad specification fuels on high bypass turboshaft engine performance | p0517 N79-33205 |
| CF6 jet engine performance improvement program. Short constant nettle performance improvement concept | p0717 N79-33206 |
| GENERAL ELECTRIC CO., DAYTON, OHIO. Visual criteria for out of the cockpit visual scenes | p0222 N79-15976 |
| Laboratory development of computer generated image displays for evaluation in terrain flight training | p0678 N79-31236 |
| GENERAL ELECTRIC CO., EVERTON, OHIO. The effect of throttling on forward radiated fan noise | p0222 N79-15976 |
| Analysis and preliminary design of an optical digital tip clearance sensor for propulsion control | p0222 N79-15976 |
| NASA CF6 jet engine diagnostics program: Long-term CF6-50 low-pressure turbine deterioration | p0595 N79-29191 |
GUTHEFFUNGSHAUSEN SEEBRUEDE A.G.

Study of aerodynamic technology for VSTOL fighter attack aircraft

Honeywell, Inc., Minneapolis, Minn.

Digital adaptive control law for VTOL aircraft
p0570 79-3557

Composite global materials study
[AD-A059089] p0106 79-13083

P-8 active control
p0236 79-16870

Advanced fluidic temperature studies
p0371 79-20348

Color display design guide
p0995 79-24991

Honeywell, Inc., St. Louis Park, Minn.

Investigation of a low-cost servoactuator for VSSLAS
[AD-A059180] p0104 79-13059

Program for the critical components of a fly-by-wire backup flight control system, part I
p0683 79-31226

Honeywell Systems and Research Center, Minneapolis, Minn.

Helicopter high grain control

Hyl Industries, Inc., Santa Ana, Cal.

Applicability of fiber optics to aircraft fire detection systems
[AD-A063974] p0428 79-22882

Hughes Aircraft Co., Canoga Park, Calif.

Global positioning system tactical missile guidance
p0353 79-20013

Hughes Aircraft Co., Culver City, Calif.

Phosphorylated epoxy adhesives
p0088 79-12042

Hughes Helicopters, Culver City, Calif.

On methods for application of harmonic control
p0131 79-18657

Parameter identification applied to analytic hingeless rotor modeling
p0197 79-22475

Engine/airframe/drive train dynamic interface documentation
[AD-A056956] p0038 79-10064

Application of higher harmonic blade feathering for helicopter vibration reduction
[NASA-CR-159885] p0161 79-14079

The approach to crew protection in the crash environment for the YAH-64
p0312 79-19664

Evaluation of an energy distribution system for helicopter landing gears during hard landing
[AD-A065298] p0433 79-23069

Hughes Research Labs., Malibu, Calif.

Holographic lens for pilot's head up display, phase 4
[AD-A065662] p0102 79-13083

Human Engineering Labs., Aberdeen Proving Ground, Md.

HEL participation in the plan for assisting in the definition of Army helicopter electro-optical symbology
[AD-A058730] p0102 79-13092

Internal cockpit reflections of external point light sources for the model YAH-64 advanced attack helicopter
p0311 79-19643

Hydraulic Research Techniques, Valencia, Calif.

An electric control for an electrohydraulic active control aircraft landing gear

Hydral Corp., Austin, Tex.

Development and evaluation of a helicopter-borne water-quality monitoring system
p0071 79-15085

IIT Research Inst., Chicago, Ill.

Turbine engine particulate emission characterization
[AD-A073159] p0717 79-33208

Illinois Inst. of Tech., Chicago

Studies of the dynamic stall or airfoil profiles for helicopter rotors
[AD-A065106] p0495 79-24991

Illinois Univ. at Urbana-Champaign

Effect of atmospheric turbulence on the stability of a lifting rotor blade
p0584 79-28183
 Illinios Univ. at Urbana-Champaign, Urbana.

Institut für Flugmechanik, Brunswick (West Germany).

International Research and Development Co. Ltd., Singapore.

Institut National des Sciences Appliquées de Lyon, Villeurbanne (France).

The analysis of engine vibrations.

Institut für Fluidmechanik und Aerodynamik, Energie- und Umweltwesen, Karlsruhe (West Germany).

The design of a two-dimensional unsteady Euler-equation solver for flow regions with arbitrary boundaries.

Integration of aeroelastic analysis and structural optimization within a design loop.

Institut d'Automatique, sorbonne (France).

Theoretical analysis of supersonic viscous flow over delta wings with sharp subsonic leading edges.

The role of fundamental combustion in the future of aviation.

Future fuels for aviation.

The nature of adhesion mechanisms and the influence of surface treatments on the effectiveness of adhesion mechanisms.

On the priming of a wind tunnel with a hydraulic compressor.

A Mars Airplane. Oh really.

On the flight stability of a transonic swept wing.

The nature of fatigue crack growth in metallic materials.

Maximum altitude-loss soaring in a specified vertical wind distribution.

The influence of compressor inlet guide vane/stator relative circumferential positioning on blade wake transport and interaction.

The effect of surface roughness on the performance of the aerodynamic characteristics of wings with and without strakes.

Axial-flow compressor turning angle and loss by inviscid-viscous interaction blade-to-blade computation.

The analysis of engine vibrations.

Axial-flow compressor turning angle and loss by inviscid-viscous interaction blade-to-blade computation.

Analysis of base-flow problems during powered supersonic flight.

Future fuels for aviation.

The role of fundamental combustion in the future of aviation.

The influence of compressor inlet guide vane/stator relative circumferential positioning on blade wake transport and interaction.

The role of fundamental combustion in the future of aviation.

Future fuels for aviation.

The role of fundamental combustion in the future of aviation.

The influence of compressor inlet guide vane/stator relative circumferential positioning on blade wake transport and interaction.

The role of fundamental combustion in the future of aviation.

Future fuels for aviation.

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The role of fundamental combustion in the future of aviation.

Future fuels for aviation.

The role of fundamental combustion in the future of aviation.

Future fuels for aviation.

The role of fundamental combustion in the future of aviation.

Future fuels for aviation.
A generalized modal shock spectra method for spacecraft loads analysis [AIAA 79-0745]

Emission characteristics of a premix combustor fueled with a simulated partial-oxidation product gas [AIAA PAPER 79-1322]

Enclosure fire modeling [p0088 N79-12046]

Acoustic driving of rotor [NASA-CJSTR-FPS-14005-1]

Centrifugal-reciprocating compressor [NASA-CJSTR-FPS-14597-1]

Eddy current force transducer for eddy currents and sensors [NASA-CJSTR-FPS-14598-1]

Compatibility of elastomers in alternate jet fuels [NASA-CJSTR-156773]

Global enclosure fire modeling with applications [p0067 N79-31172]

Enclosure fire dynamics model [p0067 N79-31173]

Aircraft vortex ventilation program [NASA-CR-16229]

Some aspects of unstable insect aerodynamics: Acceleration potential methods in plane unstable airfoil theory, and measurements of unstable-periodic forces generated by the blowfly [p0300 N79-18903]

Non-destructive methods for the early detection of fatigue damage in aircraft components [p0502 N79-25417]

JOINT INST. FOR ADVANCEMENT OF FLIGHT SCIENCES, HAMPTON, VA.

A comparison of linear acoustic theory with experimental noise data for a small-scale hovering rotor [AIAA PAPER 79-0608]

On sound radiation from the trailing edge of an isolated airfoil in a uniform flow [AIAA PAPER 79-0603]

An experimental study of USE flap noise reduction through mean flow modification [NASA-CJSTR-79-0607]

Decoupler pylons - a simple, effective wing/store flutter suppressor [NASA-CJSTR-79-0791]

Numerical solution for the flow field of a body with jet [NASA-CJSTR-79-1942]

Acoustic analysis of the propfan [NASA-CR-162312]

JOINT PUBLICATIONS RESEARCH SERVICE, ARLINGTON, VA.

Application of electron-beam welding to aviation production [p0091 N79-24940]

K

KAMAN AEROSPACE CORP., ELKBROOKFIELD, CONN.

Wind-tunnel test results of a full-scale multicellular controllable twist rotor [AIAA 78-60]

The cost of applying current helicopter external noise reduction methods while maintaining realistic vehicle performance [p0041 N79-10855]

An analytical method for designing low noise helicopter transmissions [p0041 N79-10859]

Engine/airframe/drive train dynamic documentation [AD-A058197]

Design, fabrication and laboratory testing of a helicopter composite main rotor hub [AD-A060313]

Design and deconstruction of a system for routine, boresight supersonic flights [PA-85-77-72]

Driveshaft alignment indicator [AD-A065988]

KAMAN AIRCRAFT CORP., ELKBROOKFIELD, CONN.

Preliminary design study of a composite main rotor blade for the CH-58 helicopter. Volume 1: Technical analysis and preliminary design study of composite OH-58 main rotor blade [AD-A0603881]
LEHIGH UNIV., ETHELEHTZ, PA.

Structuring of data systems: Psychophysical data from the dynamic flight simulator [AD-A0677772]
p0548 N76-27014
Three-dimensional laminate plates with through- and part-through cracks [p0708 N79-32277]

LIEGE UNIV. (BELGIUM).

On global optimal sailplane flight strategy [p0555 N79-27073]
Distortions, rotating stall and mechanical solicitations [p0555 N79-27177]
LTGHTING AND TRANSIENTS RESEARCH INST., ST. PAUL, MINN.

An RF compatible lightning diverter strip [p0297 N79-18237]

LIGHTING TECHNOLOGIES, INC., FITTSHIELD, MASS.

Summary report of the Lightning and Static Electricity Committee [p0283 N79-17427]
A new standard for lightning qualification testing of aircraft: Technical overview, definitions and basic waveforms [p0297 N79-18246]
The feasibility of inflight measurement of lightning strike parameters [NASSA-CH-1596518] [p0651 N79-30165]

LINCOLN LAB., NASSA INST. OF TEC., LINCOLNCT.

Airborne measurements of ATC/BSS fruit [ATC-04]
p0230 N79-16223
Short Range Terminal Radar (SRTM) definition study [FAA-RT-78-64] [p0257 N79-18156]
Discrete Address Beacon System (DABS) Air Traffic Control Radar Beacon System (ATC/BSS) Interference Analysis [AD-A0606551] [p0549 N79-27119]
Next generation airport surveillance radar (ASR-4) definition study [AD-A0726971] [p0713 N79-33179]

LITTLE (ARTHUR D.), INC., CAMBRIDGE, MASS.

An assessment of the risks presented by the use of carbon fiber composites in commercial aviation: Executive summary [p0295 N79-18075]
Overview of the carbon fiber problem [p0295 N79-18076]
Probabilistic analysis of air carrier accidents [p0295 N79-18078]
Carbon fiber release conditions [p0296 N79-18079]
Carbon fiber dispersion models used for risk analysis calculations [p0296 N79-18080]
Estimation of economic losses [p0296 N79-18083]
Monte Carlo simulation of single accident airport risk profile [p0296 N79-18084]
Synthesis of national risk profile [p0296 N79-18085]
Interpretation of results [p0296 N79-18086]

LITTLE (ARTHUR D.), INC., WASHINGTON, D. C.

An assessment of national risk: General concepts and overall approach [p0424 N79-22208]

LITTON SYSTEMS, INC., WOODLAND HILLS, CALIF.

Target market placement for dive-to-nose deliveries with wings non-level [p0354 N79-20023]

LIVERPOOL UNIV. (ENGLAND).

Circumferential asymmetry in axial flow compressors [p0382 N79-21056]
Pressure distributions on axial flow compressor blading and comparison with distributions on similar cascade blading [p0383 N79-21061]
ELECTRONIQUE, BRUSSELS (BELGIUM).

MANUFACTURE BEIGE DR LAMPES NT DR MATERIEL MARCONI-ELLIOTT AVIONIC SYSTEMS LTD., ROREBANWOOD (ENGLAND).

MARTIN MARIETTA AEROSPACE, BETHESDA, MD.

MARTIN MARIETTA AEROSPACE, ORLANDO, FLA.

MASSACHUSETTS INST. OF TECH., CAMBRIDGE.

MAINLAND UNIV., COLLEGE PARE.

MCDONNELL AIRCRAFT CO., ST. LOUIS, MO.

Control and display concepts for combat aircraft

Design and operation of Epervier reconnaissance aircraft

Lean combustion limits of a confined premixed-prevaporized propane jet

Fabrics for fire resistant passenger seats in aircraft

Application of the equilibrium spin technique to determination of horizontal wind shear

Gust response and its alleviation for a tilt-rotor V/STOL aircraft

Characteristics of an Sir Cushion Landing System

Design of quiet efficient propellers

Alternative aircraft fuels

An analysis of thermal stresses and gas heating effects in various operating phases of a supersonic aircraft engine

Design of quiet efficient propellers

Characteristics of an Air Cushion Landing System incorporating an inflatable track

Fabrics for fire resistant passenger seats in aircraft

Visually induced motion in flight simulation

Gust response and its alleviation for a hingeless helicopter rotor in cruising flight

Acquisition of control information in a wind shear environment

Simulation evaluation of combined 4D Radar and airborne traffic situation displays and procedures applied to terminal area manoeuvres

An analysis of long and medium-haul air passenger demand, volume 1

An analysis of short haul air passenger demand, volume 2

An economic model of the manufacturers' aircraft production and airborne earnings potential, volume 3

The impact of changing technology on the demand for air transportation

Investigation of the Multiple Method Adaptive Control (MMAC) method for flight control systems

Design of propellers for rotorcraft

A wind-tunnel investigation of tilt-rotor gust alleviation systems

Engine rotor burst containment/control studies

An off design shock capturing finite difference approach for caret wavemaker configurations

Experimental and theoretical studies on model helicopter rotor noise

Parametric studies of model helicopter blade slap and rotational noise

VTOL controls for shipboard landing

EVALUATION OF TURBO-PROPULSION SIMULATORS AS A TESTING TECHNIQUE FOR FIGHTER AIRCRAFT

feasibility of combining linear theory and impact theory methods for the analysis and design of high speed configurations

Lift system induced aerodynamics of V/STOL aircraft in a moving deck environment. Volume 1: Technical discussion

Managed air combat simulation: a tool for design development and evaluation for modern fighter weapon systems and training of aircrews

Improvements in surface singularity analysis and design methods

Improved prediction of laminar leading edge separation

The prediction of two-dimensional airflow stall progression

Design and fabrication of a radiatively cooled honeycomb sandwich panel

Definition and non-destructive detection of critical adhesive bond-line flaws

Thrust and mass flow characteristics of four 36 inch diameter tip turbine fan thrust vectoring systems in and out of ground effect

A study of the drooping leading edge airfoil

Effect of variances and manufacturing tolerances on the design strength and life of mechanically fastened composite joints

Effect of manufacturing tolerances on the design strength and life of mechanically fastened composite joints

Environment load interaction effects on crack growth

Bolted field repair of composite structures

Research on visual display integration for advanced fighter aircraft

Multi-element airfoil viscous-inviscid interactions

Environment load interaction effects on crack growth

McDONNELL-DOUGLAS ASTRONAUTICS CO., HUNTINGTON BEACH, CALIF.

Global services systems - Space communication

Optimum tail fairings for bodies of revolution

Demand for large freighter aircraft as projected - introduction

Manned air combat simulation: A tool for design development and evaluation for modern fighter weapon systems and training of aircrews

The impact of changing technology on the demand for air transportation

Investigation of the Multiple Method Adaptive Control (MMAC) method for flight control systems

Design of propellers for rotorcraft

A wind-tunnel investigation of tilt-rotor gust alleviation systems

Engine rotor burst containment/control studies

An off design shock capturing finite difference approach for caret wavemaker configurations

Experimental and theoretical studies on model helicopter rotor noise

Parametric studies of model helicopter blade slap and rotational noise

VTOL controls for shipboard landing

EVALUATION OF TURBO-PROPULSION SIMULATORS AS A TESTING TECHNIQUE FOR FIGHTER AIRCRAFT

feasibility of combining linear theory and impact theory methods for the analysis and design of high speed configurations

Lift system induced aerodynamics of V/STOL aircraft in a moving deck environment. Volume 1: Technical discussion

Managed air combat simulation: a tool for design development and evaluation for modern fighter weapon systems and training of aircrews

Improvements in surface singularity analysis and design methods

Improved prediction of laminar leading edge separation

The prediction of two-dimensional airflow stall progression

Design and fabrication of a radiatively cooled honeycomb sandwich panel

Definition and non-destructive detection of critical adhesive bond-line flaws

Thrust and mass flow characteristics of four 36 inch diameter tip turbine fan thrust vectoring systems in and out of ground effect

A study of the drooping leading edge airfoil

Effect of variances and manufacturing tolerances on the design strength and life of mechanically fastened composite joints

Effect of manufacturing tolerances on the design strength and life of mechanically fastened composite joints

Environment load interaction effects on crack growth

Bolted field repair of composite structures

Research on visual display integration for advanced fighter aircraft

Multi-element airfoil viscous-inviscid interactions

Environment load interaction effects on crack growth
<table>
<thead>
<tr>
<th>C-26</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CORPORATE SOURCE INDEX</strong></td>
</tr>
<tr>
<td><strong>Aerodynamic problems in engine airframe</strong></td>
</tr>
<tr>
<td><strong>Development of an airborne military system (NRCA)</strong></td>
</tr>
<tr>
<td><strong>Fatigue life estimation methods for helicopter</strong></td>
</tr>
<tr>
<td><strong>Vortex models on missile configurations</strong></td>
</tr>
<tr>
<td><strong>Evaluation of a digital helicopter control system</strong></td>
</tr>
<tr>
<td><strong>Dynamic pressure loads in the air induction</strong></td>
</tr>
<tr>
<td><strong>Aerodynamic characteristics of a fighter-type</strong></td>
</tr>
<tr>
<td><strong>High angle of attack characteristics of</strong></td>
</tr>
<tr>
<td><strong>CAD for electric systems design</strong></td>
</tr>
<tr>
<td><strong>High angle of attack characteristics of</strong></td>
</tr>
<tr>
<td><strong>Aerodynamic characteristics of a fighter-type</strong></td>
</tr>
<tr>
<td><strong>Normal force and pitching moment of wing-body</strong></td>
</tr>
<tr>
<td><strong>Intake design and intake/airframe integration</strong></td>
</tr>
<tr>
<td><strong>Fatigue life estimation methods for helicopter</strong></td>
</tr>
<tr>
<td><strong>Evaluation of a digital helicopter control system</strong></td>
</tr>
<tr>
<td><strong>Dynamic pressure loads in the air induction</strong></td>
</tr>
<tr>
<td><strong>Vortex models on missile configurations</strong></td>
</tr>
<tr>
<td><strong>Development of an airborne military system (NRCA)</strong></td>
</tr>
<tr>
<td><strong>Aerodynamic problems in engine airframe</strong></td>
</tr>
<tr>
<td><strong>Integration on fighter airplanes</strong></td>
</tr>
<tr>
<td><strong>Airbreathing engines - aerodynamic aspects</strong></td>
</tr>
<tr>
<td><strong>Redundant strapdown navigation, guidance, and</strong></td>
</tr>
<tr>
<td><strong>Occupant injury mechanisms in civil helicopter</strong></td>
</tr>
<tr>
<td><strong>Critical assessment of emissions from aircraft</strong></td>
</tr>
<tr>
<td><strong>MIKE INTERNATIONAL, INC., HUNTINGTON BEACH, CALIF.</strong></td>
</tr>
<tr>
<td><strong>Basic avionics module design for general aviation</strong></td>
</tr>
<tr>
<td><strong>State of the art survey of technologies applicable to NASA's aeronautics, avionics and controls program</strong></td>
</tr>
<tr>
<td><strong>MINISTRY OF DEFENCE, LONDON (ENGLAND)</strong></td>
</tr>
<tr>
<td><strong>Helicopter Icing Symposium</strong></td>
</tr>
<tr>
<td><strong>MISSISSIPPI STATE UNIV., STATE COLLEGE.</strong></td>
</tr>
<tr>
<td><strong>Peak Strouhal frequency of subsonic jet noise as</strong></td>
</tr>
<tr>
<td><strong>Peak Strouhal frequency of subsonic jet noise as</strong></td>
</tr>
<tr>
<td><strong>Measurements in a large angle oblique jet</strong></td>
</tr>
<tr>
<td><strong>The time budget as a criterion for the workload of air traffic controllers</strong></td>
</tr>
<tr>
<td><strong>ICE accretion and its effects on aerodynamics of</strong></td>
</tr>
<tr>
<td><strong>Critical assessment of emissions from aircraft</strong></td>
</tr>
<tr>
<td><strong>ECU DETONATION PHENOMENA in an aero-engine</strong></td>
</tr>
<tr>
<td><strong>The computation of transonic flow in wind</strong></td>
</tr>
<tr>
<td><strong>Polar flight and drag determination during flight tests</strong></td>
</tr>
<tr>
<td><strong>Stability and control aspects of the CCF-P104C</strong></td>
</tr>
<tr>
<td><strong>Ice accretion and its effects on aerodynamics of</strong></td>
</tr>
<tr>
<td><strong>Occupant injury mechanisms in civil helicopter</strong></td>
</tr>
<tr>
<td><strong>Critical assessment of emissions from aircraft</strong></td>
</tr>
<tr>
<td><strong>Peak Strouhal frequency of subsonic jet noise as</strong></td>
</tr>
<tr>
<td><strong>The computation of transonic flow in wind</strong></td>
</tr>
<tr>
<td><strong>Polar flight and drag determination during flight tests</strong></td>
</tr>
<tr>
<td><strong>Stability and control aspects of the CCF-P104C</strong></td>
</tr>
<tr>
<td><strong>Ice accretion and its effects on aerodynamics of</strong></td>
</tr>
<tr>
<td><strong>Occupant injury mechanisms in civil helicopter</strong></td>
</tr>
<tr>
<td><strong>Critical assessment of emissions from aircraft</strong></td>
</tr>
</tbody>
</table>
Implementing JTIDS in tactical aircraft

Runway configuration management system concepts

Definition, description, and interfaces of the Short Range Terminal Radar (SRTR) definition study

Factors affecting electrostatic hazards

Reclamation of synthetic turbine engine oil

Analysis of aircraft fuels and related materials

Analysis of the emissions from storage tanks

Jet engine exhaust analysis by subtractive techniques

A dynamic calibrating apparatus for cross-coupling and translational acceleration derivatives

Sensitivity of aircraft motion to aerodynamic cross-coupling at high angles of attack

Effect of high angles of attack on dynamic stability parameters

Power-lift aircraft handling qualities in the presence of naturally-occurring and computer-generated atmospheric disturbances

Technology for future air transports

Cockpit displays and the growing role of the pilot in the ATC system

The NASA Aircraft Energy Efficiency program

Large lighter-than-air vehicles

Flow-field in a vortex with breakdown above the wing

Sharp-edged delta wings

Cockpit displays and the growing role of the pilot in the AIC system

Technological source index

Resource conservation through airborne electronics

Aerodynamic test facilities capabilities and use

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

NASA plans and programs in support of integrated ATC development

Technology for future air transports

Cockpit displays and the growing role of the pilot in the ATC system

Research needs in aerospace structural dynamics

The NASA Aircraft Energy Efficiency program

Large lighter-than-air vehicles

Flow-field in a vortex with breakdown above the wing

Sharp-edged delta wings

Cockpit displays and the growing role of the pilot in the AIC system

Technological source index

Resource conservation through airborne electronics

Aerodynamic test facilities capabilities and use
Flight controls/avionics research - Impact on future civil helicopter operating efficiency and mission reliability.

Direct numerical solution of the transonic perturbation integral equation for lifting and nonlifting airfoils (NASA-TM-7880).


Aeracoastic research: An Army perspective.

Planning for airport access: An analysis of the San Francisco Bay area.

Planning for airport access: An analysis of the San Francisco Bay area. Introduction and conclusions.

Planning for airport access: An analysis of the San Francisco Bay area. The setting.

Components of the airport access system.

Planning for airport access: An analysis of the San Francisco Bay area. Existing studies.

Planning for airport access: An analysis of the San Francisco Bay area. Technological options.

Planning for airport access: An analysis of the San Francisco Bay area. Three subsystem designs.

Experimental investigation of wing flows for alleviation of vortex wakes of aircraft.

Comprehensive helicopter analysis: A state of the art review (NASA-TM-7853).

Camardo-body-tail missile test at angles of attack to 50 deg in the Ames 11-foot transonic wind tunnel (NASA-TM-78441).


Overview of FIREMEN program at Ames Research Center.

Air pollution from aircraft operations at San Jose Municipal Airport, California (NASA-TM-78506).

A nonlinear trajectory command generator for a digital flight-control system (NASA-TM-1211).

Airfoil design by numerical optimization using a minicomputer (NASA-TM-78502).

Vortex effects for camard-wing configurations at high angles of attack in subsonic flow (NASA-TM-7843).

Effects of upper surface modification on the aerodynamic characteristics of the NASA 63 sub 2-215 airfoil section (NASA-TM-78503).


NASA aviation safety reporting system (NASA-TM-78580).


The role of time-history effects in the formulation of the aerodynamics of aircraft dynamics (NASA-TM-78500).

Flash-fire propensity and heat-release rate studies of improved fire resistant materials (NASA-TM-78500).

Mission environment simulation for Army rotorcraft development: Requirements and capabilities.

Visual simulation requirements and hardware (NASA-TM-78560).

Active controls in aircraft design - Executive summary.


Wind-tunnel investigation of the thrust augmentor performance of a large-scale swept wing model (NASA-TM-73239).

Constant lift rotor for a heavier-than-aircraft (NASA-ARC-11051).

Configuration management and automatic control of an augmentor wing aircraft with vectored thrust (NASA-TM-7852).

Appraisals for numerical airfoil optimization.


Some recent progress in transonic flow computation (NASA-TP-1365).

Evaluation of a wake vortex upset model based on simultaneous measurements of wake velocities and probe-aircraft accelerations (NASA-TM-7856).

Holography and LDV techniques, their status and use in fire research.

A new two-dimensional oscillating wing apparatus for unsteady aerodynamics research.

Overview of two-dimensional airfoil research at Ames Research Center.

Prospects for computing airfoil aerodynamics with Reynolds averaged Navier-Stokes codes (NASA-TP-1370).

Optimization of multi-element airfoils for maximum lift.

Application of numerical optimization to the design of advanced supercritical airfoils (NASA-TP-1379).

Computation of turbulent near wake for asymmetric airfoils (NASA-TM-78561).


Prediction of aerodynamic characteristics for slender bodies alone and with lifting surfaces to high angles of attack (NASA-TM-7856).

High angle of incidence implications upon air intake design and location for superersonic cruise aircraft and highly maneuverable transonic aircraft.

Low-speed wind-tunnel investigation of a large-scale VGOL lift-fan transport model (NASA-TM-78560).


Computer formulations of aircraft models for simulation studies (NASA-TM-1214).

A piloted simulator study on augmentation systems to improve helicopter flying qualities in terrain flight (NASA-TM-7857).

Aircraft engine nozzle (NASA-ARC-11057).

A simplified rotor system mathematical model for piloted flight dynamics simulation (NASA-TM-7857).

Interference effects of aircraft components on the local blade angle of attack of a wing-mounted propeller.
An innovative technique for static and dynamic V/STOL testing

[ABS 78-42] p0123 A79-18165
Design study results of a supersonic cruise fighter wing

[IAIA PAPER 79-0062] p0139 A79-19512
A similarity rule for compressibility and sideline-boundary-layer effects in two-dimensional wind tunnels

[IAIA PAPER 79-0070] p0141 A79-19535
A numerical study of jet entrainment effects on the subsonic flow over nozzle afterbodies

[IAIA PAPER 79-0135] p0142 A79-19554
High speed interference heating loads and pressure distributions resulting from elevator reflections

[IAIA PAPER 79-0145] p0142 A79-19562
Comparison of two flow surveys above stalled wings

[IAIA PAPER 79-0147] p0143 A79-19564
The supersonic triplet - A new aerodynamic panel singularity with directional properties

[IAIA PAPER 79-0273] p0148 A79-19636
Comments on a proposed standard wind-tunnel environment and its use in real-time aircraft simulations

[IAIA PAPER 79-0324] p0145 A79-19667
Critical considerations for wind-tunnel testing V/STOL aircraft models

[IAIA PAPER 79-0326] p0145 A79-19671
Transition aerodynamics for close-coupled wing-canard configuration

[IAIA PAPER 79-0356] p0145 A79-19673
Critical influence of finite rate chemistry and unsteadiness on ignition and combustion of supersonic H2-air streams

[IAIA PAPER 79-0355] p0146 A79-19666
A model of transverse fuel injection applied to the computation of supersonic combustor flow

[IAIA PAPER 79-0359] p0147 A79-19668
Numerical comparisons of panel methods at subsonic and supersonic speeds

[IAIA PAPER 79-0404] p0148 A79-19713
Recent advances in convectively cooled engine and airframe structures for hypersonic flight

[IAIA PAPER 81-129] p0153 A79-20087
Development of noise and vibration ride comfort criteria

[IAIA PAPER 79-2229] p0198 A79-22291
Performance characteristics of nonaxisymmetric nozzles installed on the F-18 aircraft

[IAIA PAPER 79-2362] p0207 A79-23532
A shock capturing application of the finite element method

[IAIA PAPER 79-24771] p0247 A79-24771
Flying NASA's Terminal Configured Vehicle against the Microwave Landing System

[IAIA PAPER 79-2634] p0260 A79-26534
A comparison of linear acoustic theory with experimental noise data for a small-scale hovering rotor

[IAIA PAPER 79-2658] p0261 A79-26532
A shock capturing application of the finite element method

[IAIA PAPER 79-26775] p0247 A79-24771
Flying NASA's Terminal Configured Vehicle against the Microwave Landing System

[IAIA PAPER 79-2690] p0260 A79-26534
A comparison of linear acoustic theory with experimental noise data for a small-scale hovering rotor

[IAIA PAPER 79-2697] p0247 A79-24771
Flying NASA's Terminal Configured Vehicle against the Microwave Landing System

[IAIA PAPER 79-2698] p0260 A79-26534
A comparison of linear acoustic theory with experimental noise data for a small-scale hovering rotor

[IAIA PAPER 79-2699] p0247 A79-24771
Flying NASA's Terminal Configured Vehicle against the Microwave Landing System

[IAIA PAPER 79-2698] p0260 A79-26534
A comparison of linear acoustic theory with experimental noise data for a small-scale hovering rotor

[IAIA PAPER 79-2699] p0247 A79-24771
Flying NASA's Terminal Configured Vehicle against the Microwave Landing System

[IAIA PAPER 79-2698] p0260 A79-26534
A comparison of linear acoustic theory with experimental noise data for a small-scale hovering rotor

[IAIA PAPER 79-2699] p0247 A79-24771
Flying NASA's Terminal Configured Vehicle against the Microwave Landing System

[IAIA PAPER 79-2698] p0260 A79-26534
A comparison of linear acoustic theory with experimental noise data for a small-scale hovering rotor

[IAIA PAPER 79-2699] p0247 A79-24771
Flying NASA's Terminal Configured Vehicle against the Microwave Landing System

[IAIA PAPER 79-2698] p0260 A79-26534
A comparison of linear acoustic theory with experimental noise data for a small-scale hovering rotor

[IAIA PAPER 79-2699] p0247 A79-24771
Flying NASA's Terminal Configured Vehicle against the Microwave Landing System

[IAIA PAPER 79-2698] p0260 A79-26534
A comparison of linear acoustic theory with experimental noise data for a small-scale hovering rotor

[IAIA PAPER 79-2699] p0247 A79-24771
Flying NASA's Terminal Configured Vehicle against the Microwave Landing System

[IAIA PAPER 79-2698] p0260 A79-26534
A comparison of linear acoustic theory with experimental noise data for a small-scale hovering rotor

[IAIA PAPER 79-2699] p0247 A79-24771
Flying NASA's Terminal Configured Vehicle against the Microwave Landing System

[IAIA PAPER 79-2698] p0260 A79-26534
A comparison of linear acoustic theory with experimental noise data for a small-scale hovering rotor

[IAIA PAPER 79-2699] p0247 A79-24771
Flying NASA's Terminal Configured Vehicle against the Microwave Landing System

[IAIA PAPER 79-2698] p0260 A79-26534
A comparison of linear acoustic theory with experimental noise data for a small-scale hovering rotor

[IAIA PAPER 79-2699] p0247 A79-24771
Flying NASA's Terminal Configured Vehicle against the Microwave Landing System

[IAIA PAPER 79-2698] p0260 A79-26534
A comparison of linear acoustic theory with experimental noise data for a small-scale hovering rotor

[IAIA PAPER 79-2699] p0247 A79-24771
Flying NASA's Terminal Configured Vehicle against the Microwave Landing System

[IAIA PAPER 79-2698] p0260 A79-26534
A comparison of linear acoustic theory with experimental noise data for a small-scale hovering rotor

[IAIA PAPER 79-2699] p0247 A79-24771
Flying NASA's Terminal Configured Vehicle against the Microwave Landing System

[IAIA PAPER 79-2698] p0260 A79-26534
A comparison of linear acoustic theory with experimental noise data for a small-scale hovering rotor

[IAIA PAPER 79-2699] p0247 A79-24771
Flying NASA's Terminal Configured Vehicle against the Microwave Landing System

[IAIA PAPER 79-2698] p0260 A79-26534
A comparison of linear acoustic theory with experimental noise data for a small-scale hovering rotor

[IAIA PAPER 79-2699] p0247 A79-24771
Flying NASA's Terminal Configured Vehicle against the Microwave Landing System

[IAIA PAPER 79-2698] p0260 A79-26534
A comparison of linear acoustic theory with experimental noise data for a small-scale hovering rotor

[IAIA PAPER 79-2699] p0247 A79-24771
Flying NASA's Terminal Configured Vehicle against the Microwave Landing System

[IAIA PAPER 79-2698] p0260 A79-26534
A comparison of linear acoustic theory with experimental noise data for a small-scale hovering rotor

[IAIA PAPER 79-2699] p0247 A79-24771
Flying NASA's Terminal Configured Vehicle against the Microwave Landing System
Effects of spanwise blowing on two fighter application of two synthesis methods for active decoupled longitudinal controls for shear vector processor algorithms for transonic flow effects of boron and glass hybrid full-scale wind-tunnel investigation of an Ayres airplane configurations an experimental study of propeller-induced autoignition of hydrogen injected transverse to a unique facility for V/STOL aircraft hover technology requirements and readiness for very large vehicles a careful numerical study of flowfields about an aircraft fire configuration's TCV wind analysis program using real-time digital simulation advanced air transport concepts a multiple objective optimization approach to aircraft control systems design a real-time simulation facility for advanced aircraft control systems design a real-time conduction forced-convection analysis of a supersonic airframe configuration solution to the airport congestion problem a historical development of worldwide supersonic aircraft a multiple objective optimization approach to aircraft control systems design characterized of a swept-strut hydrogen fuel-injector for scramjet applications a real-time simulation facility for advanced digital guidance and control system research characterization of a swept-strut hydrogen fuel-injector for scramjet applications a real-time simulation facility for advanced digital guidance and control system research characterization of a swept-strut hydrogen fuel-injector for scramjet applications a real-time simulation facility for advanced digital guidance and control system research characterization of a swept-strut hydrogen fuel-injector for scramjet applications a real-time simulation facility for advanced digital guidance and control system research characterization of a swept-strut hydrogen fuel-injector for scramjet applications a real-time simulation facility for advanced digital guidance and control system research characterization of a swept-strut hydrogen fuel-injector for scramjet applications a real-time simulation facility for advanced digital guidance and control system research characterization of a swept-strut hydrogen fuel-injector for scramjet applications a real-time simulation facility for advanced digital guidance and control system research characterization of a swept-strut hydrogen fuel-injector for scramjet applications a real-time simulation facility for advanced digital guidance and control system research characterization of a swept-strut hydrogen fuel-injector for scramjet applications a real-time simulation facility for advanced digital guidance and control system research characterization of a swept-strut hydrogen fuel-injector for scramjet applications a real-time simulation facility for advanced digital guidance and control system research characterization of a swept-strut hydrogen fuel-injector for scramjet applications a real-time simulation facility for advanced digital guidance and control system research characterization of a swept-strut hydrogen fuel-injector for scramjet applications a real-time simulation facility for advanced digital guidance and control system research characterization of a swept-strut hydrogen fuel-injector for scramjet applications a real-time simulation facility for advanced digital guidance and control system research characterization of a swept-strut hydrogen fuel-injector for scramjet applications a real-time simulation facility for advanced digital guidance and control system research characterization of a swept-strut hydrogen fuel-injector for scramjet applications a real-time simulation facility for advanced digital guidance and control system research characterization of a swept-strut hydrogen fuel-injector for scramjet applications a real-time simulation facility for advanced digital guidance and control system research characterization of a swept-strut hydrogen fuel-injector for scramjet applications a real-time simulation facility for advanced digital guidance and control 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advanced digital guidance and control system research characterization of a swept-strut hydrogen fuel-injector for scramjet applications a real-time simulation facility for advanced digital guidance and control system research characterization of a swept-strut hydro
Recent Advances in Structures for Hypersonic Flight, part 2

Tests of beaded and tubular structural panels

Preliminary noise tradeoff study of a Mach 2.7 cruise aircraft

Noise and performance calibration study of a Mach 2.2 supersonic cruise aircraft

Experimental investigation of three helicopter rotor airfoils designed analytically

Low-speed wind-tunnel parametric investigation of flight spoilers as trailing-worter-attenuation devices on a transport aircraft model

Surface pressure data for a supersonic-cruise airplane configuration at Mach numbers of 2.30, 2.96, 3.30

Demand for large freighter aircraft as projected by the NASA cargo/logistics aircraft system studies
[NASA-TP-80074] p0417 N79-22037

Source of released carbon fibers

End-to-end testing

Carbon Fiber Risk Analysis: Conclusions

A correlation of mixing noise from coannular jets with inverted flow profiles

Flight investigation of piloting techniques and crosswind limitations using a research type crosswind landing gear
[NASA-TP-1423] p0360 N79-20832

Aerodynamic characteristics at Mach numbers of 1.5, 1.8, and 2.0 of a blended wing-body configuration with and without integral canards
[NASA-TP-1427] p0360 N79-20832

Comparison of electromechanical and cathode-ray-tube display mediums for an instrument approach display
[NASA-TP-1427] p0360 N79-20832

Miniature flow-direction and airspeed sensor for airplanes and radio controlled models in spin studies
[NASA-TP-1467] p0360 N79-20832

Filtering technique based on high-frequency plant modeling for high-gain control
[NASA-TP-1467] p0360 N79-20832

Physical and subjective studies of aircraft interior noise and vibration
[NASA-CP-2045-VOL-1-PT-1] p0360 N79-20832

Characteristics of the advanced supersonic technology AST-105-1 configured for transpacific range with Pratt and Whitney
[NASA-CP-2045-VOL-1-PT-1] p0360 N79-20832
Application of engine usage analysis to component life utilization

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Record keeping on aircraft instruments

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The calculation of optimal aircraft trajectories

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Autonomous navigation system

National Research Council of Canada, Ottawa (Ontario)

The dynamic ice detector for helicopters

Icing tests of a small gas turbine with inertial separation anti-icing system

Helicopter ice detection, icing severity and liquid water content measurements

Icing test facilities in Canada

National Severe Storms Lab., Norman, Okla.

Echo interpretation of severe storms on airport surveillance radars


Air traffic control simulation models, volume 1

A bibliography with abstracts

Air traffic control simulation models, volume 2

A bibliography with abstracts


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Helicopter ice detection, icing severity and liquid water content measurements

Icing test facilities in Canada

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C-41
Some observations on the mechanism of aircraft wake flow effect and horizontal tail suppression system

Study of aerodynamic technology for VSTOL fighter/attack aircraft: Vertical attitude concept

Northrop F-5F shark nose development

Investigation of steady and fluctuating pressures associated with the transonic buffet and wing rock of a one-seventh scale model of the F-5A aircraft

A survey of analytical and experimental techniques to predict aircraft dynamic characteristics at high angles of attack

Aircraft stability characteristics at high angles of attack

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Analysis of aircraft structure using applied fracture mechanics

Porebody/wing vortex interactions and their influence on departure and spin resistance

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Structural aspects of active controls
[OFFI-E-87-075]
p.0568 N79-30221

OWRA's model of the pilot in discrete time
[OFFR-RT-1978-6]
p.0708 N79-22224

Construction problems for high Reynolds number wind tunnel models

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Handling qualities of large flexible control-configured aircraft
[OKLAH-UNIV.-BONN]
p.0499 N79-25033

OKLAHOMA UNIV., BOKN

A spectral analysis of thunderstorm turbulence and jet transport landing performance
[OKLAH-UNIV.-BONN] p.0249 N79-27576

Assessment of new technologies for general aviation aircraft
[OKLAH-UNIV.-BONN] p.0322 N79-16837

Supersonic flow past conical bodies with nearly circular cross sections
[OKLAH-UNIV.-BONN] p.0419 N79-22071

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User's guide to data preparation: Photogrammetric navigation analysis program

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Kalman filtering and smoothing in Fotonap
[AD-A064613] p.0249 N79-24219

Evaluation of finite element formulations for transient conduction-forced-convection analysis
[AD-A064619] p.0635 N79-49363

Network design
[AD-A064628] p.0635 N79-49363

Comparative study of flare control laws

Comparative study of flare control laws

Experimental studies on the effects of a sting augmentation system

Experiments on tandem diffusers with boundary-layer suction applied in between

OEI, INC., SILVER SPRING, MD.

An assessment of local risk
[OEI-UNIV.-SILVER SPRING, MD] p.0246 N79-22207

GAF monitor for helicopters for Instrument Flight Rules (IFR) operation
[OEI-UNIV.-SILVER SPRING, MD] p.0246 N79-22207

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State of the art survey of technologies applicable to NASA's aeronautics, avionics and controls programs

Advanced risk assessment of the effects of graphite fibers on electronic and electric equipment, phase 1

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Measurement of the drag of slender cones in hypersonic flow at low Reynolds numbers using a magentic suspension and balance
[OUEL1260/78] p.0556 N79-23938

Extension of running time in the RAE hypersonic shock tunnel
[OUEL1260/78] p.0556 N79-27191
PAYNE, INC., ANNAPOLIS, ND.

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[NASA-Ch-1596690] p0037 A79-10058
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[AD-A060343] p0314 A79-14101
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[AD-A060172] p0165 A79-14105
Design, fabrication, and evaluation of GATORIZED
(trade name) ceramic-wrought alloy attachment concepts
[AD-A0645597] p0423 A79-22102
Lo-frequency augmentor instability study
[AD-A065184] p0423 A79-22104
Lo-frequency augmentor instability investigation
computer program user's manual
[AD-A0657764] p0436 A79-23093
Hot salt stress corrosion studies
[AD-A068402] p0396 A79-23000
Turbojet engine vane design and fabrication
[NASA-Ch-159665] p0071 A79-33204
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[NASA-Ch-159665] p0071 A79-33463
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[AD-A0645597] p0554 A79-27170
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with embedded shocks
[NASA PAPER 79-2004] p0143 A79-19597
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[NASA PAPER 79-064] p0271 A79-26331
Master Plan for prediction of vehicle interior
noise
[NASA PAPER 79-0582] p0072 A79-26933
Unsteady airloads in supercritical transonic flows
[NASA-Ch-15967] p0072 A79-29021
NASA/Princeton digital avionics flight test
facility
p0635 A79-63844
In-flight simulation with pilot-center of
gravity offset and velocity mismatch
p0695 A79-53966
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stability requirements for small general
aviation airplanes
[AD-A060467] p0175 A79-15058
A comparison of the aerodynamic characteristics
of eight sailwing airfoil sections
[AD-A060467] p0175 A79-15058
The influence of feedback on the aeroelastic
behavior of all propjet aircraft including the
effects of fuselage motion
[NASA-Ch-1596778] p0585 A79-27125
An in-flight simulator investigation of roll and
yaw control power requirements for STOL
approach and landing: Development of capability
and preliminary results
[NASA-Ch-1596778] p0595 A79-29196
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in supersonic inlets at angle of attack using a
biharmonic method with discrete shock
wave fitting
[NASA PAPER 79-0379] p0147 A79-19698
LDV measurements on propellers
p0625 A79-49052
Axial flow in trailing line vortices
[AD-A057075] p0034 A79-10034
Analysis of water ingestion effects in axial
flow compressors
[AD-A059092] p0103 A79-13052
Alternative hydrocarbon fuels: Combustion and
chemical kinetics
[AD-A061050] p0235 A79-17011
Investigation of torsion free wing trend flutter
models
[AD-A061492] p0302 A79-18957
Combustion in the gas turbine, parts 1, 2, 3
[AD-A069136] p0308 A79-19366
Fuel injection
[AD-A069136] p0308 A79-19368
Diffusers for gas turbine combustion systems
[AD-A069136] p0308 A79-19369
Ignition in the gas turbine
[AD-A069136] p0308 A79-19372
Control of air pollution from aircraft and
aircraft engines
[AD-A069136] p0308 A79-19376
Ignition of fuel sprays by hot surfaces and
stabilization of aircraft fires
[AD-A065153] p0041 A79-23181
Flutter analysis of two-dimensional and
two-degree-of-freedom airfoils in
small-disturbance, unsteady transonic flow
[AD-A069223] p0665 A79-31157
QUANTA SYSTEMS CORP., BOCKVILLE, ND.
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[AD-A060239] p0180 A79-15098
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[NASA-Ch-152291] p0649 A79-30138
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[AD-A069222] p0671 A79-31217
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p0665 A79-52046
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p0681 A79-23917
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A high resolution visual system for the
simulation of in-flight refuelling
p0224 A79-15987
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cross-country speed, with mathematical
programming
p0480 A79-23889
Composite structural materials
p0585 A79-28235
Transform domain processing for digital
communication systems using surface acoustic
wave devices
p0675 A79-31482
State of the art in digital signal processing
with applications to multiple access systems
p0676 A79-31487
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Introductory studies of SOFRA, a RAM engine
with solid propellant
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[80-805866] p0596 A79-29248
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p0299 N79-18890
IFAD Skyray development: Now it can be told
p0299 N79-18897

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p0657 N79-30217

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p0123 N79-18165
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[AIAA Papr 79-1285] p0471 N79-39020
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[AIAA Papr 79-1285] p0471 N79-39020

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[AIAA Papr 79-1285] p0471 N79-39020
Static test of a large scale swivel nozzle
[AIAA Papr 79-1285] p0471 N79-39020

ROCKWELL INTERNATIONAL CORP., COLUMBUS, OHIO.
Fluidics: Feasibility study
electro/hydraulic/fluidic direct drive servo
valve
[AD-A066755] p0654 N79-30195

ROCKWELL INTERNATIONAL CORP., DOWNTOWN, CALIF.
Prediction of in-depth gap heating ratios from wing glove model test data

ROCKWELL INTERNATIONAL CORP., EL SEGUNDO, CALIF.
Fracture toughness in titanium alloys
[AD-A067755] p0535 N79-20068

ROCKWELL INTERNATIONAL CORP., LOS ANGELES, CALIF.
New concepts in composite material landing gear for military aircraft.
Volume 1: Technical discussion
[AD-A056529] p0101 N79-13032
New concepts in composite material landing gear for military aircraft.
Volume 2: Appendices
[AD-A056572] p0101 N79-13033
Wheel ride control
p0237 N79-16876

ROCKWELL INTERNATIONAL CORP., LOS ANGELES, CALIF.
Concurrent superplastic forming/diffusion bonding of B-1 components
p0442 N79-23251
The impact of alternate fuels on aircraft configuration characteristics
[AD-A066983] p0501 N79-25244
Determination of subcritical frequency and damping from S-1 flight flutter test data
Flight quality criteria validation/pilot performance study: Flight test results
B/L M structural development design methodology
p0705 N79-32197

BOLLS-BOYCE LTD., BRISTOL (ENGLAND).
Use of coatings in turbomachinery gas path seals
p0346 N79-11058
The contribution of dynamic X-ray to gas turbine air sealed technology
p0407 N79-11065
Axial turbine performance prediction
p0587 N79-28561

BOLLS-BOYCE LTD., DERBY (ENGLAND).
Oil sealing of aerogear bearing compartments
p0407 N79-11062
Gas turbine disc sealing system design
p0408 N79-11072
The aerodynamic penalties associated with turbine blade cooling
p0304 N79-18986
The design and development of high performance coasubors
p0308 N79-19380
Two-dimensional compressible potential flow around profiles in cascade
p0383 N79-21059
A stall criterion for cascades
p0383 N79-21060
Engine integration and noise considerations for STOL aircraft
p0430 N79-22005
Engine performance considerations for the large subsonic transport
p0551 N79-27139
The effect of intake conditions on supersonic flutter in turbofan engines
p0555 N79-27175
Axial compressor stall
p0557 N79-27435

ROYAL AIRCRAFT ESTABLISHMENT, GRIFFITHS AFB, N.Y.
Recent experience in the development and application of LCC models
p0502 N79-25410
Microstrip antenna elements for use in hemispherically scanned arrays
[AD-A068566] p0557 N79-27366
New devices for digital communications in monicos
p0675 N79-31841
Radiation pattern sidelobes and null filling produced by aircraft vibration
[AD-A070472] p0710 N79-32422

ROYAL AIR FORCE, BEDFORD (ENGLAND).
The use of sound absorbing walls to reduce dynamic interference in wind tunnels
p0105 N79-13062
Nonlinear oscillations at high incidence
p0375 N79-15091
Motion versus visual cues in piloted flight simulation
p0224 N79-15990
An experimental investigation into the influence of acoustic disturbances on the development of a turbulent boundary layer
[ARC-B-9-3052] p0226 N79-16238
Boundary layer transition measurements on the AEDC 10 deg cone in three BAE wind tunnels and their implications
[ARC-B-9-3821] p0289 N79-17817
The design of wind tunnel models for tests for transonic speeds and high Reynolds number flow
p0377 N79-20996
The design of models and their supports, the Evans clean-flow tunnel. A review of some of the various proposals
p0399 N79-23110
Some remarks on the design of transonic tunnels with low levels of flow unsteadiness [NASA-CH-2722] p0500 W79-25039
Mathematical models of aircraft dynamics for extreme flight conditions (theory and experiment) p0179 W79-15087
The estimation of lateral-directional aerodynamic derivatives at subsonic speeds p0215 W79-15099
On the application of certain statistical methods to wind-tunnel testing [ARC-CF-1390] p0216 W79-15199
Non-conical flow past slender wings with leading edge vortex sheets [ARC-R/A-3614] p0216 W79-15200
Analysis of the zero-lift wave drag measured on delta wings [ARC-R/A-3818] p0216 W79-15217
On the evaluation of wall interference in two-dimensional ventilated wind tunnels by subsonic linear theory [ARC-R/A-3819] p0217 W79-15922
Omega and WIL aircraft installatations [RAE-TR-RAD-NAV-44] p0217 W79-15930
Impedance measurements on a spinning model helicopter rotor [ARC-CF-1389] p0220 W79-15955
The development of a parametric method of measuring fin fatigue loads based on flight measurements on a lightning M.75 [ARC-R/A-3824] p0220 W79-15956
The response of aircraft to discrete gas pulses [RAE-TR-77165] p0222 W79-15971
Weight optimization with flutter constraints [ARC-R/A-3823] p0222 W79-15972
Visibility modelling for a landing simulator with special reference to low visibility p0223 W79-15982
Low budget simulation in weapon aiming [ARC-R/A-3822] p0223 W79-15984
Navstar aircraft aerial system. Some initial considerations [RAE-LIB-TRANS-2003] p0225 W79-16183
Fatigue acceleration in box beams from mechanical and thermal stress (second series) [ARC-R/A-3617] p0226 W79-16311
Jet noise radiation from discrete vortices [ARC-R/A-3826] p0227 W79-16652
Some aspects of helicopter communications [ARC-R/A-3827] p0311 W79-19647
Rain-erosion resistant materials in air and space travel [RAE-LIB-TRANS-2003] p0385 W79-21201
Some UK research studies of the use of wing-body strakes on combat aircraft configurations at high angles of attack p0413 W79-21999
Stroke-induced separation from the leading edges of wings of moderate sweep p0413 W79-22002
A brief review of air flight weapons p0431 W79-23051
Weapon/aircraft interactions p0556 W79-27205
An extension to the method of Garabedian and Kors for the calculation of transonic flow past an aerofoil to include the effects of a boundary layer and wake [ARC-R/A-3828] p0590 W79-29154
Environmental effects on the elastic-plastic properties of adhesives in bond metal joints
helicopter analysis system

SCIENTIFIC RESEARCH ASSOCIATES, INC., ELASTICBURY, CORN.

The prediction of the turbulent flow field about an isolated airfoil

[NASA PAPER 79-1543]

p0577 N79-66719

A viscous flow analysis for the tip vortex generation process

[NASA-CE-31864]

p0712 N79-33162

SCIENTIFIC SISTERS, INC., CAMBRIDGE, MA.

Application of singular perturbation techniques

/SP/ and continuation methods for on-line aircraft trajectory optimization

p0612 N79-87991

A study of the application of singular perturbation theory

p0654 N79-30194

SCOTT ENVIRONMENTAL TECHNOLOGY, INC., FLORISTADTVILLE, PA.

JST-599 engine emission test report

[AD-A0608482]

p0174 N79-15054

Air Force turbine engine emission survey. United States. Volume 1: Test summary

[AD-A061532]

p0234 N79-16858


[AD-A0614893]

p0234 N79-16859

F-100 turbine engine afterburner emission tests

[AD-A0637709]

p0219 N79-22109

SERVICE TECHNIQUE DE L'AVIATIONNAIRE, PARIS (FRANCE).

Control configured vehicle design philosophy

p0250 N79-16666

SHAKER RESEARCH CORP., BALLSTOWN, SHELL RESEARCH LTD., CHESTER (ENGLAND).

Singer CO., SUNNYVALE, CALIF.

Advanced Digital Simulator system (ADS)

[AD-A059256]

p0186 N79-15103
<table>
<thead>
<tr>
<th>SOUTHWEST FOUNDATION FOR RESEARCH AND EDUCATION, SAN ANTONIO, TEX.</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Recent advances in materials toxicology</td>
<td></td>
</tr>
<tr>
<td>[AIAA PAPER 79-3765]</td>
<td></td>
</tr>
<tr>
<td>SPEEBSARD CORP., GRAND RAPIDS, Mich.</td>
<td></td>
</tr>
<tr>
<td>Laser gyro investigations</td>
<td></td>
</tr>
<tr>
<td>[AD-A059024]</td>
<td></td>
</tr>
<tr>
<td>SPEEBSARD RESEARCH CENTER, SUBURBAN, Mich.</td>
<td></td>
</tr>
<tr>
<td>Laser signature response techniques</td>
<td></td>
</tr>
<tr>
<td>[AD-A068210]</td>
<td></td>
</tr>
<tr>
<td>SRI INTERNATIONAL CORP., MENLO PARK, Calif.</td>
<td></td>
</tr>
<tr>
<td>SIGHT - design and analysis of a fault-tolerant computer for aircraft control</td>
<td></td>
</tr>
<tr>
<td>[AD-A051064]</td>
<td></td>
</tr>
<tr>
<td>Policy impacts of AFC automation: Human factors considerations</td>
<td></td>
</tr>
<tr>
<td>[AD-A051064]</td>
<td></td>
</tr>
<tr>
<td>Map-of-the-earth communication program for US Army helicopters</td>
<td></td>
</tr>
<tr>
<td>[AD-A063089]</td>
<td></td>
</tr>
<tr>
<td>STANDARD ELECTRIC LOEBBE a.e., STUTTGART (WEST GERMANY)</td>
<td></td>
</tr>
<tr>
<td>A self contained collision avoidance system for helicopters</td>
<td></td>
</tr>
<tr>
<td>[AIAA PAPER 79-30206]</td>
<td></td>
</tr>
<tr>
<td>An asynchronous data transmission system with low error probability for the SSTAC landing aid</td>
<td></td>
</tr>
<tr>
<td>[AIAA PAPER 79-31468]</td>
<td></td>
</tr>
<tr>
<td>STANFORD RESEARCH INSTR., MENLO PARK, Calif.</td>
<td></td>
</tr>
<tr>
<td>Atlanta center upgraded third generation enroute ACS system operations: A case study</td>
<td></td>
</tr>
<tr>
<td>[AD-A056180]</td>
<td></td>
</tr>
<tr>
<td>STANFORD TELECOMMUNICATIONS, INC., BCLEAN, VA.</td>
<td></td>
</tr>
<tr>
<td>Development of a microcomputer based satellite telemetry and tracking system for aircraft identification and tracking</td>
<td></td>
</tr>
<tr>
<td>[AIAA PAPER 79-095]</td>
<td></td>
</tr>
<tr>
<td>STANFORD UNIV., CALIF.</td>
<td></td>
</tr>
<tr>
<td>Role of helicopters in airport access and control</td>
<td></td>
</tr>
<tr>
<td>[AIAA PAPER 79-0563]</td>
<td></td>
</tr>
<tr>
<td>On the role of shock wave phenomena in the subsonic region for aircraft flight control systems</td>
<td></td>
</tr>
<tr>
<td>[AIAA PAPER 79-0765]</td>
<td></td>
</tr>
<tr>
<td>Some observations on four current subjects related to aerodynamic stability</td>
<td></td>
</tr>
<tr>
<td>[AIAA PAPER 79-2916]</td>
<td></td>
</tr>
<tr>
<td>A method design with application to preflighters and ramping-rate selection in digital flight control systems</td>
<td></td>
</tr>
<tr>
<td>[AIAA PAPER 79-47093]</td>
<td></td>
</tr>
</tbody>
</table>
An experimental investigation of the entrainment of a leading-edge vortex

Fatigue properties of adhesive-bonded laminated sheet material of aluminum alloys

Aircraft response to windshears and downdrafts

Prediction methods for fatigue crack growth in aircraft material

Study of the theoretical real correspondence of an optimal control model and the significance of this model for the description of working methodology with partly automated aircraft guidance and control systems

Multipath propagation measurement by Doppler technique

Investigation on information error caused by traffic loading in approach and landing systems

Dynamic behaviour and control of single-shaft closed-cycle gas turbines

Aircraft guidance and control systems

Concepts for reducing exhaust emissions and fuel consumption of the aircraft piston engine

Computer simulation of an aircraft engine fuel injection system

A finite element approach to the problem of sound propagation and attenuation in jet engine air intakes
TENNESSEE UNIV., KNOXVILLE.

Investigation of the aerodynamic and acoustic performance of a low-pressure ratio turbine blade compressor p0304 N79-19875

TENNESSEE UNIV., KNOXVILLE.

Stable boundary layer wind shear model for aircraft flight hazard definition p0278 N79-27575

TEXAS A&M UNIV., COLLEGE STATION.

Some theoretical considerations of a stall proof airplane [SAE PAPER 790604] p0456 N79-36736

A lifting surface performance analysis with circulation coupled wake for advanced configuration hovering rotors p0032 N79-10017

Inverse transonic airfoil design methods including boundary layer and viscous interaction effects [NASA CR-151036] p0286 N79-17905

Application of direct-inverse techniques to airfoil design and analysis p0355 N79-20035

TEXAS TECHNOLOGICAL COLLEGE, LUBBOCK.

Dynamics of complex structures—analysis and experiment: Damaged aircraft stabilization [AD-A062861] p0384 N79-20110

TEXTRON BELL AEROSPACE CO., BUFFALO, N.Y.

Concept for a large multi-mission amphibian aircraft [AAIA 79-0899] p0065 N79-33812


Design and fabrication of a skin stringer discrete tube actively cooled structural panel p0386 N79-21430

Air cushion landing gear applications study [NASA CR-151056] p0280 N79-26045

TEXTRON BELL AEROSPACE CO., NEW ORLEANS, LA.

AIAA fan model test program [AD-A059058] p0585 N79-28372

A study of requirements, model configurations, and test plans for air cushion system comparison tests [AD-A069006] p0585 N79-28373

Maritime patrol aircraft concept study p0663 N79-31138

TEXTRON HELICOPTER, FORT WORTH, TEX.

The role of rotor impedance in the vibration analysis of rotorcraft p0130 N79-18653


Crash simulation of composite and aluminum helicopter fuselages using a finite-element program [AAIA 79-0781] p0311 N79-29025

Wind tunnel and flight test of the XV-15 Tilt Rotor Research Aircraft [AIAA 79-54] p0633 N79-49105

 XV-15 flight test results compared with design goals [AIAA PAPER 79-1839] p0634 N79-09336

Helicopter internal noise control: Three case histories p0041 N79-10858

Effect of operational envelope limits on tattering rotor flapping [AD-A059187] p0101 N79-13030

Engine/airframe/drive train dynamic interface documentation [AD-A063237] p0382 N79-21047

Correlation study between vibrational environmental and failure rates of civil helicopter components [NASA CR-150033] p0432 N79-23064

System design requirements for advanced rotary-wing agricultural aircraft [NASA CR-150038] p0451 N79-26046

Helicopter obstacle strike tolerance concepts analysis [AD-A065977] p0652 N79-30179

Flight test evaluation of the high inertia rotor system [AD-A071168] p0715 N79-33195

TITEX CORP., CANTON, OHIO.

Tapered roller bearing development for aircraft turbine engines (AD-A069480) p0662 N79-30555

TISDALE (HENRY F., SR.), OAKHURST, N.J.

A velocity vector control system augmented with direct lift control [NASA CASE-LAN-12266-1] p0367 N79-20136

TOKYO UNIV. (JAPAN).

A numerical prediction of typical articulated rotor impedances p0215 N79-15905

TOLEDO UNIV., OHIO.

A sensitivity analysis for the F100 turbofan engine using the multivariable Nyquist array p0207 N79-23797

Evaluation of FASTS computer code for predicting dynamic loads in two-bladed wind turbines [AAIA 79-0733] p0319 N79-29007

TORONTO UNIV. (ONTARIO).

Direct correlation of noise and flow of a jet engine with a Doppler UTIAS-230 p0109 N79-13822

On the loudness of sonic booms and other impulsive sounds UTIAS-236 p0295 N79-17658

TOTO KOYO CO. LTD., HIROSHIMA (JAPAN).

Development status of rotary engine at Toyo Kogyo p0221 N79-15964

TRAC OD SYSTEMS ANALYSIS ACTIVITY, WHITE SANDS MISSILE RANGE, N.MEX.


TRANSPORTATION RESEARCH BOARD, WASHINGTON, D.C.

Research in airport pavements p0368 N79-20145

TRANSPORTATION SYSTEMS CENTER, CAMBRIDGE, MASS.

Pulsed laser Doppler measurements of wind shear p0686 N79-52046


Experimental RCS performance results p0160 N79-14064

System integration analysis for future tower cab configurations/systems [AD-A059006] p0161 N79-14066

The airport performance model. Volume 1: Extensions, validations, and applications [AD-A062863] p0500 N79-25040

TRIBON BEARING CO., CLEVELAND, OHIO.

Filtration effects on bearing life and condition in a contaminated lubricant [AIAA PAPER 78-L18-34] p0199 N79-23246

TRW DEFENSE AND SPACE SYSTEMS GROUP, NEEDHAM BEACH, CALIF.

Standard Avionics Modules (SAM) for existing models [AD-A065629] p0435 N79-23083


TURBINGEN UNIV. (WEST GERMANY).

Electric charging of helicopters [BVG-FW-76-7] p0297 N79-18274

TOFTS UNIV., REDBROOK, MASS.

Air traffic control by distributed management in a HIS environment p0244 N79-17499

Design outline for a new multisan ATC simulation facility at NASA-Ames Research Center p0244 N79-17501

UNIFIED INDUSTRIES, INC., ALEXANDRIA, VA.

A study of aircraft towing as proposed for Boston-Logan International Airport [FAA-ARO-77-9] p0237 N79-16881

UNION CARBIDE CORP., TONAWANDA, N.Y.

Study of hydrogen recovery systems for gas vented while refueling liquid-hydrogen fueled aircraft [LILA 79-0781] p0321 N79-29025
<table>
<thead>
<tr>
<th>CORPORATE SOURCE INDEX</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Vought Astronautics, Dallas, TX.</em></td>
<td></td>
</tr>
<tr>
<td>Flow modeling and aerodynamic design techniques for centrifugal compressors</td>
<td>p0308</td>
</tr>
<tr>
<td>Industrial Centrifugal Compressors, Volume 2 [VKI-LECTURE-SERIES-62]</td>
<td></td>
</tr>
<tr>
<td>Transonic Aerodynamic Testing [VKI-LECTURE-SERIES-62]</td>
<td></td>
</tr>
<tr>
<td>The problem: Aircraft in transonic flight [VKI-LECTURE-SERIES-62]</td>
<td></td>
</tr>
<tr>
<td>Flight test techniques for a transonic aircraft [VKI-LECTURE-SERIES-62-PF-1]</td>
<td></td>
</tr>
<tr>
<td>Proceedings of the Seminar on Advanced Problems in Turbomachinery, part 1</td>
<td>p0376</td>
</tr>
<tr>
<td>High turning blading for axial flow machines. Introduction and summary of the problems</td>
<td>p0083</td>
</tr>
<tr>
<td>The flow through low cambered transonic turbine cascade</td>
<td>p0421</td>
</tr>
<tr>
<td>Introduction to cooling of gas turbine blades</td>
<td>p0422</td>
</tr>
<tr>
<td>Aerodynamic problems in cooled turbine blading design for small gas turbine</td>
<td>p0422</td>
</tr>
<tr>
<td>Axial flow turbines</td>
<td>p0422</td>
</tr>
<tr>
<td>Closed Cycle Gas Turbines [VKI-LECTURE-SERIES-62]</td>
<td></td>
</tr>
<tr>
<td>Transonic technologies, volume 1</td>
<td>p0422</td>
</tr>
<tr>
<td>STOL technology, volume 1 [VKI-LECTURE-SERIES-62-VOL-1]</td>
<td></td>
</tr>
<tr>
<td>Wind tunnel corrections for STOL models [VKI-LECTURE-SERIES-62-VOL-1]</td>
<td></td>
</tr>
<tr>
<td>Review of large low speed wind tunnel requirements for STOL testing</td>
<td>p0429</td>
</tr>
<tr>
<td>STOL technology, volume 2 [VKI-LECTURE-SERIES-62-VOL-2]</td>
<td></td>
</tr>
<tr>
<td>The aerodynamics and performance characteristics of direct lift schemes</td>
<td>p0429</td>
</tr>
<tr>
<td>Large transonic wind tunnels [VKI-LECTURE-SERIES-62]</td>
<td></td>
</tr>
<tr>
<td>Transonic flows in turbomachinery. Volume 1: Theory, part 2</td>
<td>p0438</td>
</tr>
<tr>
<td>The confidence of two supersonic jets on the trailing edge of transonic turbine blades</td>
<td>p0443</td>
</tr>
<tr>
<td>Shock-boundary layer interaction in compressor cascades: A review of available data</td>
<td>p0493</td>
</tr>
<tr>
<td><em>High Reynolds Number Subsonic Aerodynamics</em> [VKI-LECTURE-SERIES-16]</td>
<td></td>
</tr>
<tr>
<td><em>Off-design performance of gas turbines, volume 1 [VKI-LECTURE-1975-VOL-1]</em></td>
<td></td>
</tr>
<tr>
<td><em>The prediction of compressor blade row performance: Numerical methods and theoretical approaches</em> [VKI-LECTURE-1975-VOL-1]*</td>
<td>p0587</td>
</tr>
<tr>
<td><em>Mechanics of boundary layer transition, part 2: Instability and transition to turbulence</em> [VKI-LECTURE-SERIES-3-PF-2]*</td>
<td>p0676</td>
</tr>
<tr>
<td><em>Vought Astronautics, Dallas, TX.</em></td>
<td></td>
</tr>
<tr>
<td><em>Volar: A digital computer program for simulating VSTOL aircraft launch and recovery from small ships. Volume 1: Program Application</em> [AD-A066172]*</td>
<td>p0485</td>
</tr>
<tr>
<td><em>Volar: A digital computer program for simulating VSTOL aircraft launch and recovery from small ships. Volume 2: Appendices</em> [AD-A066173]*</td>
<td>p0485</td>
</tr>
<tr>
<td><em>Vought Corp., Dallas, TX.</em></td>
<td></td>
</tr>
<tr>
<td>Computational optimization and wind tunnel test of transonic wind designs [AD-A066639]*</td>
<td></td>
</tr>
<tr>
<td>Study of aerodynamic technology for VSTOL fighters/attack aircraft, phase 1 [AIAA PAPER 79-0050]*</td>
<td>p0200</td>
</tr>
<tr>
<td>Standard avionics module study [AIAA PAPER 79-0051]*</td>
<td>p0344</td>
</tr>
<tr>
<td>AES/G-7C control and display interface [AIAA PAPER 79-0052]*</td>
<td>p0233</td>
</tr>
<tr>
<td>AES laboratory simulator requirements A-7/ ACF-8/ ACF-7 [AIAA PAPER 79-0053]*</td>
<td>p0495</td>
</tr>
<tr>
<td>Ramjet cost estimating handbook [AD-A056993]*</td>
<td>p0594</td>
</tr>
<tr>
<td><em>Vought Corp., Hampton, VA.</em></td>
<td></td>
</tr>
<tr>
<td>A multi-disciplinary approach to structural design for small gas turbine engines [AIAA PAPER 79-0236]*</td>
<td>p0184</td>
</tr>
<tr>
<td>NASA general aviation crashworthiness seat design [AIAA PAPER 79-0237]*</td>
<td>p0459</td>
</tr>
<tr>
<td>A multiple objective optimization approach to aircraft control systems design [NASA CR-159026]*</td>
<td>p0612</td>
</tr>
<tr>
<td>Evaluation of a long-endurance-surveillance remotely-piloted vehicle with and without laser flow control [NASA CR-159008]*</td>
<td>p0262</td>
</tr>
<tr>
<td><em>Votab: A data-tablet method of developing input data for the VORLAX program</em> [NASA CR-159027]*</td>
<td>p0375</td>
</tr>
<tr>
<td><em>Vought Astronautics, Dallas, TX.</em></td>
<td></td>
</tr>
<tr>
<td><em>Generalization of analytical tools for aerothermodynamics of aircraft gas turbine engines</em> [AD-A055780]*</td>
<td>p0142</td>
</tr>
<tr>
<td><em>Analytical studies of transonic/aerodynamic transport configuration concept</em> [NASA CR-159051]*</td>
<td>p0417</td>
</tr>
<tr>
<td><em>Laminar theory of induced drag subject to constraint conditions</em> [NASA CR-159056]*</td>
<td>p0892</td>
</tr>
<tr>
<td><em>Boeing 747 aircraft with large external pod for transporting oversize cargo</em> [NASA CR-159067]*</td>
<td>p0543</td>
</tr>
<tr>
<td><em>Vought Corp. Advanced Technology Center, Inc., Dallas, TX.</em></td>
<td></td>
</tr>
<tr>
<td><em>A study of the blown flap/jet flap analogy</em> [AIAA PAPER 79-0199]*</td>
<td>p0142</td>
</tr>
<tr>
<td><em>Analysis of noise in US army aircraft</em> [NASA CR-159068]*</td>
<td>p0323</td>
</tr>
<tr>
<td><em>Non-linear inspection of aircraft structures using mobile sources: A comparison of radiographic results</em> [NASA CR-159056]*</td>
<td>p0589</td>
</tr>
<tr>
<td><em>Vought Helicopter, Inc., Dallas, TX.</em></td>
<td></td>
</tr>
<tr>
<td><em>Structural properties of adhesives, volume 1</em> [AD-A065500]*</td>
<td>p0688</td>
</tr>
</tbody>
</table>

| WASHINGTON UNTY, SEATTLE.                                                            | PAGE |
| Laser aircraft                                                                        | p0082 |
| *Effect of structural parameters on the flap-lag forced response of a rotor blade in forward flight* [NASA CR-159069]* | p0261 |
| *The aerothermodynamics of aircraft gas turbine engines* [AD-A055780]*                | p0165 |
| *Improvement of flow quality at the University of Washington supersonic low speed wind tunnel* [AIAA PAPER 79-0815]* | p0368 |
| *Fluid mechanical retracting gas prism and aerodynamics of X - beam maintained discharge in supersonic flow, both applicable to laser technology* [NASA-CR-159006]* | p0371 |
| *Washington UNTY, St. Louis, MO.*                                                    |      |
| *The role of rotor impedance in the vibration analysis of rotorcraft* [AD-A066172]*  | p0130 |
| *Parameter identification applied to analytical hingeless rotor modeling* [AD-A066173]* | p0197 |
| *Effect of structural parameters on the flap-lag response of a rotor blade in forward flight* [NASA CR-159020]* | p0159 |
| *The role of rotor impedance in the vibration analysis of rotorcraft, part 4* [NASA CR-159006]* | p0363 |
| *Waterloo UNTY, Ontar.io.*                                                          |      |
| *An analytic theory of supersonic/hypersonic stability at high angles of attack* [NASA CR-159006]* | p0270 |
| *West Virginia UNTY, Morgantown.*                                                   |      |
| *Generalization of analytical tools for helicopter-rotor airflow* [NASA CR-159020]* | p0270 |
| *Integrated Thermal Avionics Design (ITAD)* [NASA CR-159020]*                      | p0292 |
| *C-56*                                                                               |      |
WILEY LABS., INC., HAMPTON, VA.

WESTINGHOUSE ELECTRIC CORP., HUNT VALLEY, MD.
The Avionics laboratory Predictive Operations and Support (ALPOS) cost model, volume 3
[AD-A0595354] p0063 N79-14091
The Avionics Laboratory Predictive Operations and Support (ALPOS) cost model, volume 2
[AD-A059516] p0064 N79-14094

WESTINGHOUSE ELECTRIC CORP., LIMA, OHIO.
The solid state remote power controller - Its status, use and perspective
p0012 N79-10896

WESTLAND HELICOPTERS LTD., YEONIL (ENGLAND).
Rating helicopter noise
p0040 N79-10845
The influence of the noise environment on crew communications
p0041 N79-10860
Helicopter fatigue evaluation. The UK approach
p0434 N79-23076

WICHITA STATE UNIV., KANSAS.
Split-film anemometer measurements on an airfoil with turbulent separated flow
p0515 N79-42029
Wind tunnel tests of the GA(W)-2 airfoil with 20% aileron, 25% slotted flap, 30% Fowler flap and 10% slot-lip aileron
A new flow model for highly separated airfoil flows at low speeds
p0358 N79-20053

WILLIAMS RESEARCH CORP., WILDER LAKE, WYOMING.
General aviation turbine engine (GATE) concepts
[AFAR PAPER 79-1157] p0667 A79-38968
Low cost expendable engine
[AD-A062864] p0366 N79-20125
Advanced General Aviation Turbine Engine (GATE) concepts

WORTHINGTON PUMP INTERNATIONAL, INC., DESERTIC (ITALY).
Prerotation in centrifugal pumps: Design criteria
p0558 N79-28574

WRIGHT STATE UNIV., DAYTON, OHIO.
Maximum likelihood identification of aircraft parameters with unsteady aerodynamic modeling
[AFAR PAPER 79-0400] p0318 I79-19710
A model for unsteady effects in lateral dynamics for use in parameter estimation
[AFAR 79-1638] p0567 A79-45310
The relationship of unsteadiness in downwash to the quality of parameter estimates
[AFAR 79-1639] p0567 A79-45315

WILE LABS., INC., HAMPTON, VA.
Acoustic duct liner optimization using finite elements
[AFAR PAPER 79-0662] p0318 A79-28967
CONTRACTIUMBER INDEX
AERONAUTICAL ENGINEERING/A
1979 Cumulative Index

Continuing Bibliography
p0718 1479-33213
p0721 1479-33883
SF PP.03. 3145
p0091 1479-12070
p0103 1479-13051
p0165 1479-14102
p0168 1179-14239
p0428 1479-22110
p0550 879-27129
p0710 1479-32468
SF PROJ. 3763
pOliO 1479-32420
SF PROJ. 8600
p0557 879-27366
SF PROJ. 6065
p0099 1479-13011
SF PROJ. 6095
p0381 1479-21037
p0381 1479-21038
p0381 879-21039
p0381 1479-21040
SF PROJ. 6190
p0501 1479-25046
AT PROJ. 7184
p0653 1479-30184
SF PROJ. 7231
p0592 1179-29163
AT PROJ. 7312
p0234 1479-16854
SF PROJ. 7380
p0501 1479-25236
SF PROJ. 7351
p0046 1479-11055
p0711 879-32560
SF PROJ. 7353
p0596 1479-29300
SF PROJ. 7381
p0705 1479-32201
AT PROJ. 7662
p0435 1479-23083
SF PROJECT 6498
p0250 P.79-25323
IF PROJECT 2307-Al
P0142 579-19557
AT PROJECT 2307-Fl
p0144 179-19643
AP-AYOSR-1SSA780009
p0573 179-46055
AF-AFOSR-7 1-2145
P0602 179-47099
AF-AFOSR-74-2675
p0011 A79-10812
P0393 A79-32386
p0393 179-32387
AF-SPOSR-74- 2712
p0320 579-29019
p0322 179-29037
p0602 8.79-47093
AF-APOSR-76291 6
p0195 A79-22328
SF-S!0SR76-2997
p0273 179-26966
AF-AFOSR763021
p0261 A79-26585
AF-AFOSB-773300
p0197 579-22393
SF-S ?OSR-77-33 54
p0141 179-19699
SF-S FOR R-77-34 13
P0273 579-26966
SF-A !OSR-77-34 18
p05E7 179-85316
p0698 179-54414
SF-S FOSR-77-34 22
p0456 1.79-36741
AF-SFOSR-77-3423
p0282 S79-28255
AF-SFOSR-78-3501
p0206 A79-23796
SF-A FOSR-78-3525
p0566 579-45312
AF-AFOSR-783609
p0339 S79-30504
AF-A!OSR-7 8-36 53
p0680 579-51126

Typical Contract Number Index Listing
DO T — P 176 14 S-3 809
p0037 1479-10059

CONTRACT'
NUMBER

PAGE
NUMBER

NASA ACCESSION
NUMBER

Listings in this index are arranged alphanumerically by contract number. Under
each contract number, the accession numbers denoting documents that have
been produced as a result of research done under that contract are arranged in
ascending order with the FAA accession numbers appearing first. Preceding the
accession number is the page number where the citation may be found.

AETE PROJ. 77/16-4
p0582 879-28169
SF PROJ. 3295
polls N79-33192
IF PROJ. 4860
p0048 879-11188
p0444 819-23454
p0488 879-24163
IF PROJ. 1123
p0105 879-13066
p0426 879-22118
p0488 879-23985
SF PROJ. 1476
pOORl 1479-12027
SF PROJ. 1964
p0092 879-12072
SF PROJ. 1995
p0542 879-26054
SF PROJ. 2003
p0164 N7914094
p0485 879-23958
PROJ.
2049
SF
p0501 879-25046
A? PROJ. 2051
p0593 879-29182
SF PROJ. 2052
p0382 879-21048
p0593 879-29181
SF PROJ. 2093
p0444 879-23595
SF PROJ. 2103
p0165 879-14107
p02 142 879-17361
p0424 879-22109
p0504 879-25550
SF PROJ. 2104
p0107 879-13203
p0502 879-2525.1
p0584 879-28189
p0596 879-29200
p066l 879-30246
PROJ.
2202
SF
p0651 879-30169
p0669 879-31201
p0713 1479-33173
AT PROJ. 2303
p0489 879-24169
SF PROJ. 2304
p0490 879-24220
p0586 879-28393
SF PROJ. 2305
p0710 879-32422
SF PROJ. 2307
p0043 1479-11002
p0044 1479-11004
P0087 879-12023
p0302 1479-18957
p0431 1479-23028
p8499 879-25035
p0539 879-26029
p0581 879-28156
p0598 1479-29550
p0665 1479-31157
SF PROJ. 2308
p0596 1479-29270

JANUARY

SF PROJ. 2312
p0582 1179-28161
SF PROJ. 2313
p0096 R79-12102
AT PROJ. 2314
p0597 879-29397
SF PROJ. 2401
P0092 1479-12071
p0375 1479-20834
p0703 1479-32183
P0716 879-33199
SF PRCJ. 2402
p0092 1479-12075
p0101 879-13032
p0101 879-13033
p0171 879-15016
p0303 879-18971
p0592 1179-29173
p0592 1179-29174
p0598 1179-29520
p0669 1179-31200
p0669 879-31202
SF PROJ. 2403
p0484 1179-23947
p0492 1179-24965
p0556 879-27183
P0673 1179-31227
SF PROJ. 2404
p0043 1479-11003
p0241 879-17178
P0501 879-25244
p0593 N79-29177
pOE50 879-30148
p0650 1479-30149
p0669 1479-31203
SF PROJ. 2421
p0181 879-15203
p0501 879-25236
SF PROJ. 2422
P0097 1479-12226
SF PROJ. 2567
p0159 879-14030
AT PROJ. 3012
p0594 1479-29188
p0719 1479-33293
AT PROJ. 3048
p0103 1479-13052
p0167 1479-14231
p0240 879-17012
p0428 1479-22882
p0501 1479-25245
p0501 1479-25247
p0662 1479-30555
p0672 1479-31218
p0718 879-33211
p0719 879-33337
p0720 1479-33338
PROJ.
3066
SF
p0094 1479-12090
p0164 1179-14101
p0167 1479-144117
p0266 1479-20125
p0424 N79-2210E
p0436 1179-2309C
p0487 879-23971
polls 1479-3319
0-1

1980

AF-AFOSR-0009'78
P0559 1479-28037
AF-AFOSR-2570-73
p0095 1479-12097
p0163 1479-14090
SF-SFOSR-26 11-7 4
p0490 1479-28220
p0586 1479-28393
SF- SFOSR-2650-7 4
p0371 1479-20374
AF-AFOSR278375
p0165 1479-14103
A?-AFOSR-280215
p0436 879-23089
AF—AFOSR-2808-75
p0109 1479-13822
p0245 879-17658
A?-AFOSR-29 16-7 6
p0543 1479-26060
SF—AFOSR-2954E76
p0169 879-14997
AF—APOSR-3231-77
p0364 1179-20110
AF—AFOSR326577
p0302 1479-18957
S?-SF0SR3299-77
p0043 1479-11002
SF-SFOSE-330577
p0366 879-20123
A? — AFOSE-33 42-77
pOliO 1479-32420
AF-5FOSR3431-77
p0582 879-28161
SF—SFOSR-3446-77
p0441 1479-23181
AF—AFOSR-346877
p0538 1479-26027
SF— APOSE-34 89-78
p0539 879-26029
AF—AF05R352378
p0665 1479-31157
SFCEC PROJ. 77-018
pO105 1479-13064
AFOSR—ISSS-78-0009
p0482 1479-23232
5BPS ORDER 3152
p0275 S79-27313
p0469 179-38991
ARPA ORDER 3817
p0238 1479-16958
ARPA ORDER 3476
p0721 4479-33486
AT(04-3) -767
p0461 179-37725
AT(29- 1) -789
p0067 179-14431
p0262 579-26636
5SVG-NTU-ZTL-4, 05/7
p0396 8.79-32843
RRVG-11TU — ZTL-4. 05/8
p0396 519-32883
BMVG— T/RF4 1/80812/61433
P0061 179-14072
BtfVG— T/RF-42/7001 6/71415
p0204 179-23578
CNR-7 7, 0 138 1, 07
p0327 A79-29381
p0330 179-29414
CNR-1 15, 9299,CT-7'7, 00122,07
p0149 179-19793
CTDA-0 1 SD,T8200-7-7536
p0275 579-27354
DR PROJ. 1F2-62209—AH-76
p0037 1479-10062
p0045 1179-11038
p0092 4479-12074
p0162 1479-18085
p0111 1179-15028
p0363 1119-20094
OS PROJ. 1G2-62207A11-89
p0494 879-28983
Dl PROJ. 1142-63209-D103
p0162 5479-14084
Dl PROJ. 1L1-61102—A14-45
p0157 1479-14018


<table>
<thead>
<tr>
<th>Contract Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>p0547</td>
<td>79-27095</td>
</tr>
<tr>
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<td>79-31223</td>
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<td>79-32158</td>
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<td>992-21-01</td>
<td>p0042</td>
</tr>
<tr>
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<td>79-10942</td>
</tr>
</tbody>
</table>
## Typical Report/Accession Number Index Listing

<table>
<thead>
<tr>
<th>Number</th>
<th>Report/Accession Number</th>
<th>NASA Accession Number</th>
<th>Supplement</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAAP-NT-78-12</td>
<td>p0041</td>
<td>79-23112</td>
<td></td>
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<td>AAAP-NT-78-13</td>
<td>p0041</td>
<td>79-23123</td>
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<td>AAPA-NT-78-17</td>
<td>p0041</td>
<td>79-12106</td>
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<tr>
<td>AAPA-NT-78-24</td>
<td>p0040</td>
<td>79-23120</td>
<td></td>
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</tr>
<tr>
<td>AAS PAPER 78-194</td>
<td>p0169</td>
<td>79-21276</td>
<td></td>
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<td>AC-78-01</td>
<td>p0175</td>
<td>79-15066</td>
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</tr>
<tr>
<td>AC-150/5220-13</td>
<td>p0294</td>
<td>79-17879</td>
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<tr>
<td>ACS-11595</td>
<td>p0306</td>
<td>79-19007</td>
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<tr>
<td>ACUREX/TE-78/102</td>
<td>p0039</td>
<td>79-10072</td>
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<td>p0673</td>
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<td>AD-A046275</td>
<td>p0159</td>
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<td>p0160</td>
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<td>p0046</td>
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<td>p0039</td>
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<td>79-18797</td>
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<td>p0036</td>
<td>79-10053</td>
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<td>p0037</td>
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<td>NASA-TP-1393</td>
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<td>p0416</td>
<td></td>
</tr>
<tr>
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<td>p0221</td>
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</tr>
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<td>p0226</td>
<td></td>
</tr>
<tr>
<td>NASA-TP-1406</td>
<td>p0416</td>
<td></td>
</tr>
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<td>NASA-TP-1409</td>
<td>p0234</td>
<td></td>
</tr>
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<td>NASA-TP-1423</td>
<td>p0499</td>
<td></td>
</tr>
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<td>NASA-TP-1427</td>
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<td>NASA-TP-1433</td>
<td>p0588</td>
<td></td>
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<td>NASA-TP-1438</td>
<td>p0538</td>
<td></td>
</tr>
<tr>
<td>NASA-TP-1439</td>
<td>p0552</td>
<td></td>
</tr>
<tr>
<td>NASA-TP-1436</td>
<td>p0595</td>
<td></td>
</tr>
<tr>
<td>NASA-TP-1438</td>
<td>p0427</td>
<td></td>
</tr>
<tr>
<td>NASA-TP-1453</td>
<td>p0492</td>
<td></td>
</tr>
<tr>
<td>NASA-TP-1459</td>
<td>p0425</td>
<td></td>
</tr>
<tr>
<td>NASA-TP-1463</td>
<td>p0435</td>
<td></td>
</tr>
<tr>
<td>NASA-TP-1467</td>
<td>p0435</td>
<td></td>
</tr>
<tr>
<td>NASA-TP-1468</td>
<td>p0538</td>
<td></td>
</tr>
<tr>
<td>NASA-TP-1470</td>
<td>p0430</td>
<td></td>
</tr>
<tr>
<td>NASA-TP-1471</td>
<td>p0588</td>
<td></td>
</tr>
<tr>
<td>NASA-TP-1473</td>
<td>p0595</td>
<td></td>
</tr>
<tr>
<td>NASA-TP-1482</td>
<td>p0542</td>
<td></td>
</tr>
<tr>
<td>NASA-TP-1483</td>
<td>p0654</td>
<td></td>
</tr>
<tr>
<td>NASA-TP-1494</td>
<td>p0555</td>
<td></td>
</tr>
<tr>
<td>NASA-TP-1495</td>
<td>p0592</td>
<td></td>
</tr>
<tr>
<td>NASA-TP-1502</td>
<td>p0671</td>
<td></td>
</tr>
<tr>
<td>NASA-TP-1503</td>
<td>p0590</td>
<td></td>
</tr>
<tr>
<td>NASA-TP-1510</td>
<td>p0672</td>
<td></td>
</tr>
<tr>
<td>NASA-TP-1519</td>
<td>p0716</td>
<td></td>
</tr>
<tr>
<td>NASA-TP-1523</td>
<td>p0717</td>
<td></td>
</tr>
<tr>
<td>NASA-TP-1533</td>
<td>p0712</td>
<td></td>
</tr>
<tr>
<td>NASA-TP-1557</td>
<td>p0480</td>
<td></td>
</tr>
<tr>
<td>NRTC-79-1-NW</td>
<td>p0105</td>
<td></td>
</tr>
<tr>
<td>NRTC-79-5-SA</td>
<td>p0092</td>
<td></td>
</tr>
<tr>
<td>NRTC-79-1-1ST</td>
<td>p0595</td>
<td></td>
</tr>
<tr>
<td>NAVFAC/FPC-76-C-0046-1</td>
<td>p0945</td>
<td></td>
</tr>
<tr>
<td>NHS-TH-989</td>
<td>p0674</td>
<td></td>
</tr>
<tr>
<td>NCBR/TH-130-STR</td>
<td>p0722</td>
<td></td>
</tr>
<tr>
<td>NCBR/TH-132-STR</td>
<td>p0722</td>
<td></td>
</tr>
<tr>
<td>NCUS/EDC-78-6</td>
<td>p0636</td>
<td></td>
</tr>
<tr>
<td>NCUS/EDC-79-1</td>
<td>p0671</td>
<td></td>
</tr>
<tr>
<td>NDRE-71</td>
<td>p0619</td>
<td></td>
</tr>
<tr>
<td>NE-TH-78004</td>
<td>p0366</td>
<td></td>
</tr>
<tr>
<td>NEAR-TH-15</td>
<td>p0034</td>
<td></td>
</tr>
<tr>
<td>NLR-TH-77009-0</td>
<td>p0216</td>
<td></td>
</tr>
<tr>
<td>NLR-TH-77016-0</td>
<td>p0232</td>
<td></td>
</tr>
<tr>
<td>NLR-TH-7703-0</td>
<td>p0705</td>
<td></td>
</tr>
<tr>
<td>NLR-TH-7708-0</td>
<td>p0229</td>
<td></td>
</tr>
<tr>
<td>NLR-TH-77028-0</td>
<td>p0704</td>
<td></td>
</tr>
<tr>
<td>NLR-TH-77031-0</td>
<td>p0239</td>
<td></td>
</tr>
<tr>
<td>NLR-TH-77040-0</td>
<td>p0239</td>
<td></td>
</tr>
<tr>
<td>NLR-TH-78001-0</td>
<td>p0235</td>
<td></td>
</tr>
<tr>
<td>NLR-TH-78012-0</td>
<td>p0175</td>
<td></td>
</tr>
<tr>
<td>NLR-TH-78015-0</td>
<td>p0711</td>
<td></td>
</tr>
<tr>
<td>NLR-TH-78019-0</td>
<td>p0711</td>
<td></td>
</tr>
<tr>
<td>NLR-TH-78022-0</td>
<td>p0711</td>
<td></td>
</tr>
<tr>
<td>NLR-TH-78030-0</td>
<td>p0707</td>
<td></td>
</tr>
<tr>
<td>NLR-TH-78032-0</td>
<td>p0706</td>
<td></td>
</tr>
<tr>
<td>NLR-TH-78035-0</td>
<td>p0660</td>
<td></td>
</tr>
<tr>
<td>NLR-TH-79006-0</td>
<td>p0387</td>
<td></td>
</tr>
<tr>
<td>NLR-TR-7609-0</td>
<td>p0242</td>
<td></td>
</tr>
<tr>
<td>NLR-TR-76074-0</td>
<td>p0238</td>
<td></td>
</tr>
<tr>
<td>NLR-TR-76104-0</td>
<td>p0295</td>
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<tr>
<td>NLR-TR-77009-0</td>
<td>p0708</td>
<td></td>
</tr>
<tr>
<td>NLR-TR-77027-0</td>
<td>p0294</td>
<td></td>
</tr>
<tr>
<td>NLR-TR-77039-0</td>
<td>p0708</td>
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</tr>
<tr>
<td>NLR-TR-77062-0</td>
<td>p0702</td>
<td></td>
</tr>
<tr>
<td>NLR-TR-77066-0</td>
<td>p0704</td>
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<tr>
<td>NLR-TR-77078-0</td>
<td>p0388</td>
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<td>p0709</td>
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<tr>
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<td>p0709</td>
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<tr>
<td>NLR-TR-77103-0</td>
<td>p0650</td>
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<tr>
<td>NLR-TR-77122-0</td>
<td>p0650</td>
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<tr>
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<td>p0707</td>
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</tr>
<tr>
<td>NLR-TR-78135-0</td>
<td>p0703</td>
<td></td>
</tr>
<tr>
<td>NROA-TM-EBL-RFC-2</td>
<td>p0706</td>
<td></td>
</tr>
<tr>
<td>NROA-TM-EBL-RFC-4</td>
<td>p0722</td>
<td></td>
</tr>
<tr>
<td>NROA-79041204</td>
<td>p0706</td>
<td></td>
</tr>
<tr>
<td>NROA-7904303</td>
<td>p0722</td>
<td></td>
</tr>
<tr>
<td>NROS-77-06-VOL-1</td>
<td>p0306</td>
<td></td>
</tr>
<tr>
<td>NROS-77-56-VOL-2</td>
<td>p0306</td>
<td></td>
</tr>
<tr>
<td>NROS-78-54</td>
<td>p0033</td>
<td></td>
</tr>
<tr>
<td>NROS-78-65-VOL-1</td>
<td>p0650</td>
<td></td>
</tr>
<tr>
<td>NORS-78-69-VOL-2</td>
<td>p0650</td>
<td></td>
</tr>
<tr>
<td>NORS-79-176</td>
<td>p0298</td>
<td></td>
</tr>
<tr>
<td>NORS-79-185</td>
<td>p0303</td>
<td></td>
</tr>
<tr>
<td>NOSGC/79-272</td>
<td>p0167</td>
<td></td>
</tr>
<tr>
<td>NOSGC/79-274</td>
<td>p0109</td>
<td></td>
</tr>
<tr>
<td>NOSGC/79-283</td>
<td>p0432</td>
<td></td>
</tr>
<tr>
<td>NOSGC/79-340</td>
<td>p0370</td>
<td></td>
</tr>
<tr>
<td>NOSGC/79-390</td>
<td>p0559</td>
<td></td>
</tr>
<tr>
<td>NPL-DNACS-1178</td>
<td>p0541</td>
<td></td>
</tr>
<tr>
<td>NPP/NDC/79-19</td>
<td>p0701</td>
<td></td>
</tr>
<tr>
<td>NPS55-79-013</td>
<td>p0593</td>
<td></td>
</tr>
<tr>
<td>NPS57-79-005</td>
<td>p0551</td>
<td></td>
</tr>
<tr>
<td>NPS57-79-008</td>
<td>p0384</td>
<td></td>
</tr>
<tr>
<td>NRC-1238-8-VOL-3</td>
<td>p0293</td>
<td></td>
</tr>
<tr>
<td>NRC-1238-9-VOL-4</td>
<td>p0293</td>
<td></td>
</tr>
<tr>
<td>NRC-1238-10-VOL-5</td>
<td>p0273</td>
<td></td>
</tr>
<tr>
<td>NRC-1238-12-VOL-7</td>
<td>p0273</td>
<td></td>
</tr>
<tr>
<td>NRC-1238-13-VOL-8</td>
<td>p0273</td>
<td></td>
</tr>
<tr>
<td>NRL-RR-7854</td>
<td>p0305</td>
<td></td>
</tr>
<tr>
<td>NRM-78-1076</td>
<td>p0304</td>
<td></td>
</tr>
<tr>
<td>NRM-78-1094</td>
<td>p0305</td>
<td></td>
</tr>
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<td>NRM-88-4005</td>
<td>p0661</td>
<td></td>
</tr>
<tr>
<td>NRL-TR-76013-0</td>
<td>p0238</td>
<td></td>
</tr>
<tr>
<td>NRL-TR-78064-0</td>
<td>p0598</td>
<td></td>
</tr>
<tr>
<td>NREL-1680-157-END-NJS</td>
<td>p0105</td>
<td></td>
</tr>
<tr>
<td>NREL-1800-3-KDL-PWT-NJS</td>
<td>p0365</td>
<td></td>
</tr>
<tr>
<td>NRL-8202</td>
<td>p0384</td>
<td></td>
</tr>
<tr>
<td>NREL-8276</td>
<td>p0175</td>
<td></td>
</tr>
<tr>
<td>NREL-878-21</td>
<td>p0175</td>
<td></td>
</tr>
<tr>
<td>NREL-878-36</td>
<td>p0175</td>
<td></td>
</tr>
<tr>
<td>REPORT/ACCESSION NUMBER INDEX</td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>USCG-D-03-79 ..........................</td>
<td>p0432 N79-23061</td>
<td></td>
</tr>
<tr>
<td>USNPS-T-1 ...............................</td>
<td>p0303 N79-18970</td>
<td></td>
</tr>
<tr>
<td>USNPS-T-3 ...............................</td>
<td>p0046 N79-11050</td>
<td></td>
</tr>
<tr>
<td>UTRAS-230 ................................</td>
<td>p0109 N79-13022</td>
<td></td>
</tr>
<tr>
<td>UTRAS-236 ................................</td>
<td>p0245 N79-17658</td>
<td></td>
</tr>
<tr>
<td>UTCN/87-90-04-07 ........................</td>
<td>p0165 N79-14106</td>
<td></td>
</tr>
<tr>
<td>UTCN/87-942577-13 ........................</td>
<td>p0423 N79-22103</td>
<td></td>
</tr>
<tr>
<td>VTI-LECTURE SERIES-1-VOL-1 ............</td>
<td>p0587 N79-28555</td>
<td></td>
</tr>
<tr>
<td>VTI-LECTURE SERIES-101-VOL-2 ..........</td>
<td>p0219 N79-15949</td>
<td></td>
</tr>
<tr>
<td>VTI-LECTURE SERIES-1-PT-1 .............</td>
<td>p0382 N79-21053</td>
<td></td>
</tr>
<tr>
<td>VTI-LECTURE SERIES-3-PT-2 .............</td>
<td>p0676 N79-31530</td>
<td></td>
</tr>
<tr>
<td>VTI-LECTURE SERIES-16 ...................</td>
<td>p0579 N79-28119</td>
<td></td>
</tr>
<tr>
<td>VTI-LECTURE SERIES-26 ...................</td>
<td>p0422 N79-22093</td>
<td></td>
</tr>
<tr>
<td>VTI-LECTURE SERIES-92 ...................</td>
<td>p0376 N79-20986</td>
<td></td>
</tr>
<tr>
<td>VTI-LECTURE SERIES-52 ...................</td>
<td>p0430 N79-23105</td>
<td></td>
</tr>
<tr>
<td>VTI-LECTURE SERIES-59-1-PT-2 ..........</td>
<td>p0443 N79-23425</td>
<td></td>
</tr>
<tr>
<td>VTI-LECTURE SERIES-60-VOL-1 ...........</td>
<td>p0429 N79-23002</td>
<td></td>
</tr>
<tr>
<td>VTI-LECTURE SERIES-60-VOL-2 ...........</td>
<td>p0429 N79-23002</td>
<td></td>
</tr>
<tr>
<td>VTI-LECTURE SERIES-83 ...................</td>
<td>p0304 N79-18979</td>
<td></td>
</tr>
<tr>
<td>VTI-LECTURE SERIES-93 ...................</td>
<td>p0307 N79-19265</td>
<td></td>
</tr>
<tr>
<td>VTI-LECTURE SERIES-95-VOL-1 ...........</td>
<td>p0308 N79-19385</td>
<td></td>
</tr>
<tr>
<td>VTI-LECTURE SERIES-95-VOL-2 ...........</td>
<td>p0305 N79-19385</td>
<td></td>
</tr>
<tr>
<td>VTI-LECTURE SERIES-99-VOL-1 ..........</td>
<td>p0216 N79-15914</td>
<td></td>
</tr>
<tr>
<td>VTI-LECTURE SERIES-101-VOL-1 ..........</td>
<td>p0218 N79-15944</td>
<td></td>
</tr>
<tr>
<td>VTI-TR-125 ..............................</td>
<td>p0226 N79-16224</td>
<td></td>
</tr>
<tr>
<td>VTH-LB-230 ..............................</td>
<td>p0295 N79-17880</td>
<td></td>
</tr>
<tr>
<td>VTH-LB-257 ..............................</td>
<td>p0268 N79-17618</td>
<td></td>
</tr>
<tr>
<td>VTH-LB-267 ..............................</td>
<td>p0290 N79-17839</td>
<td></td>
</tr>
<tr>
<td>VTH-LB-268 ..............................</td>
<td>p0280 N79-17819</td>
<td></td>
</tr>
<tr>
<td>VTH-456 .................................</td>
<td>p0280 N79-17818</td>
<td></td>
</tr>
<tr>
<td>WES-TEACHING-0-79-2 ....................</td>
<td>p0503 N79-25628</td>
<td></td>
</tr>
<tr>
<td>WES-TEACHING-78-7 ......................</td>
<td>p0106 N79-13067</td>
<td></td>
</tr>
<tr>
<td>WES-TEACHING-78-7 ......................</td>
<td>p0106 N79-13067</td>
<td></td>
</tr>
<tr>
<td>WES-TEACHING-79-4 ......................</td>
<td>p0584 N79-28187</td>
<td></td>
</tr>
<tr>
<td>WORKING-PAPER-210-2 ....................</td>
<td>p0592 N79-29163</td>
<td></td>
</tr>
<tr>
<td>WRC-78-113-15 ..........................</td>
<td>p0497 N79-25017</td>
<td></td>
</tr>
<tr>
<td>W0471-P87-PT-1 ..........................</td>
<td>p0673 N79-31226</td>
<td></td>
</tr>
</tbody>
</table>
AERONAUTICAL ENGINEERING
A Continuing Bibliography

Abstracts
January—December 1979

TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>SP-7037 Supplement</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>106</td>
<td>1</td>
</tr>
<tr>
<td>107</td>
<td>51</td>
</tr>
<tr>
<td>108</td>
<td>111</td>
</tr>
<tr>
<td>109</td>
<td>183</td>
</tr>
<tr>
<td>110</td>
<td>247</td>
</tr>
<tr>
<td>111</td>
<td>315</td>
</tr>
<tr>
<td>112</td>
<td>389</td>
</tr>
<tr>
<td>113</td>
<td>447</td>
</tr>
<tr>
<td>114</td>
<td>507</td>
</tr>
<tr>
<td>115</td>
<td>561</td>
</tr>
<tr>
<td>116</td>
<td>601</td>
</tr>
<tr>
<td>117</td>
<td>679</td>
</tr>
</tbody>
</table>
This bibliography is a cumulative index to the abstracts contained in NASA SP-7037 (106) through NASA SP-7037 (117) of Aeronautical Engineering: A Continuing Bibliography. NASA SP-7037 and its supplements have been compiled through the cooperative efforts of the American Institute of Aeronautics and Astronautics (AIAA) and the National Aeronautics and Space Administration (NASA). This cumulative index includes subject, personal author, corporate source, contract, and report number indexes.
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<tr>
<th>NUMBER</th>
<th>TITLE</th>
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</tr>
</thead>
<tbody>
<tr>
<td>NASA SP-7011</td>
<td><strong>AEROSPACE MEDICINE AND BIOLOGY</strong>&lt;br&gt;Aviation medicine, space medicine, and space biology</td>
<td>Monthly</td>
</tr>
<tr>
<td>NASA SP-7037</td>
<td><strong>AERONAUTICAL ENGINEERING</strong>&lt;br&gt;Engineering, design, and operation of aircraft and aircraft components</td>
<td>Monthly</td>
</tr>
<tr>
<td>NASA SP-7039</td>
<td><strong>NASA PATENT ABSTRACTS BIBLIOGRAPHY</strong>&lt;br&gt;NASA patents and applications for patent</td>
<td>Semiannually</td>
</tr>
<tr>
<td>NASA SP-7041</td>
<td><strong>EARTH RESOURCES</strong>&lt;br&gt;Remote sensing of earth resources by aircraft and spacecraft</td>
<td>Quarterly</td>
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<tr>
<td>NASA SP-7043</td>
<td><strong>ENERGY</strong>&lt;br&gt;Energy sources, solar energy, energy conversion, transport, and storage</td>
<td>Quarterly</td>
</tr>
<tr>
<td>NASA SP-7500</td>
<td><strong>MANAGEMENT</strong>&lt;br&gt;Program, contract, and personnel management, and management techniques</td>
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