



## **National Aerospace Lab (NAL)**

**March 2011 – January 29, 2012**

***Report Generated January 30, 2012***

**Visits: 73** (The number of visits is relative to the NTRL's homepage (ntrl.ntis.gov) that originated from NAL.)

**Hits: 20,998** (The number of hits represents the total number of files requested from the site – this is not necessarily the total number of searches. Instead it relates to links – usually to the bibliographic records of the collection. For example there may have been several hundred searches conducted with links to thousands of bibliographic records. Each time a record was viewed constitutes a hit.)

**Downloads: 385**

Reports downloaded and/or viewed by NTIS accession number and title. Note the number after the title indicates the amount of times the report was downloaded/viewed.

ADA419069 Experimental Investigation of Vortex Breakdown over a Delta Wing with Consideratio...luid Inj 1  
AD749296 Impact of Tire Dynamic Properties on Airplane Landing Gear Shimmy. 1  
ADA151016 Title Not Available 1  
ADA156662 Radome Analysis and Design Capabilities of the RF and Microwave Technology Branch. 1  
ADA195693 Processing Technology Research in Composites. 2  
ADA204763 Title Not Available 1  
ADA205128 Title Not Available 1  
ADA206782 Title Not Available 1  
ADA225217 Designing Composite Structures for Low-Velocity Impact. 1  
ADA227196 Advanced Technology Landing Gear. Volume 1 Design. 1  
ADA240200 Fracture Toughness of Carbon/Carbon Composites. 1  
ADA243889 Investigation of the Effects of Aeroelastic Deformations on the Radar Cross Section of Aircraft. 1  
ADA274778 Damage Tolerance Assessment Handbook. Volume 1. Aircraft Damage Tolerance Evaluation. 1  
ADA284249 Inband Radar Cross Section of Phased Arrays with Parallel Feeds. 1  
ADA305456 Design, Qualification and Maintenance of Vibration-Free Landing Gear (La Conceptio...ans Vi 1  
ADA334905 Analysis and Synthesis of Reflector/Refractor Systems in Electromagnetics and Opti...nal Algo 1  
ADA335103 Predicting Reliability and Maintainability Factors for Aircraft Subsystems During ...craft Decisio 1  
ADA351505 Computation of Aircraft Noise Propagation Through the Atmospheric Boundary Layer. 1

ADA356141 High Frequency Electromagnetic Propagation/Scattering Codes. 1  
ADA367044 C-17 Program Serialization of Airframe Fracture-Critical and Landing- Gear Reliability Critical P 2  
ADA383252 Graphical User Interface for a Physical Optics Radar Cross Section Prediction Code. 1  
ADA384143 Development of the Aerodynamic/Aeroservoelastic Modules in Astros Volume4: Aeroservoelasticity 1  
ADA387862 High Frequency Electromagnetic Propagation/Scattering. 1  
ADA391607 3D Strength Prediction of Advanced Composites. 1  
ADA396886 Durability Characterization of High Temperature Polymer Matrix - Carbon Fiber Composites. 2  
ADA409386 Development of High Frequency Numerical Simulation Tools for Electromagnetic Scattering. 2  
ADA412033 Impact of Parameter Variation on Damage Tolerance Analysis Estimates. 1  
ADA427607 High Order Electromagnetic Modeling for High Frequency. 1  
ADA434783 Scholarly Research Program Delivery Order 0011: Concept Design for a 1 MW Generator. 1  
ADA473630 Computational Electromagnetics. 3  
ADA508884 Experimental Study of Fiberglass Composites Containing Metal Wire Joints. 1  
ADA510652 Accelerated Insertion of Materials - Industrial Perspectives on Polymer Matrix Composites. 2  
ADA518568 Characterization and Measurement of Passive and Active Metamaterial Devices. 1  
DE2001774569 Dynamic Delamination in Through-Thickness Reinforced DBC Specimens. 1  
DE96014033 Modeling delamination growth in composites. 2  
DE97006943 Development program to certify composite doubler repair technique for commercial aircraft. 1  
DE98007235 Axial flux, modular, permanent-magnet generator with a toroidal winding for wind turbine applications. 1  
N19980006070 Characteristics of Fatigue Damage in the Fuselage Riveted Lap Splice Joint. 1  
N19980021287 Mechanical Design of High Lift Systems for High Aspect Ratio Swept Wings. 1  
N19980227362 Measurements Obtained During the First Landing of the North American X-15 Research Aircraft. 1  
N20040085992 Comparison of 2D Finite Element Modeling Assumptions with Results From 3D Analysis. 1  
N20040086002 Progressive Damage Analyses of Skin/Stringer Debonding. 1  
N20040086760 Nonlinear Bulging Factors for Longitudinal and Circumferential Cracks in Cylindrical Structures. 2  
N20040086821 Nonlinear Local Bending Response and Bulging Factors for Longitudinal Cracks in Pre-stressed Concrete. 1  
N20040110967 Structural Concepts Study of Non-circular Fuselage Configurations. 1  
N20050160472 Engineering Solution for Using Coarse Meshes in the Simulation of Delamination with Mixed Mode Loading. 2  
N20050199068 NASA Structural Analysis Report on the American Airlines Flight 587 Accident - Local Buckling. 1  
N20050237897 Skin-Stiffener Debond Prediction Based on Computational Fracture Analysis. 2  
N20050239579 Computational Simulation of Damage Propagation in Three-Dimensional Woven Composites. 1  
N20080008291 Structural Analysis of the Right Rear Lug of American Airlines Flight 587. 2  
N20090017768 Title Not Available 1  
N9516859 Composite Chronicles: A Study of the Lessons Learned in the Development, Production, and Operation of Composite Structures. 1  
N9624099 Evaluation of Two Computational Techniques of Calculating Multipath Using Global Parameters. 1  
PB2000100083 Propeller-Wing Interference Effects at Low Speed Conditions. 2  
PB2000102510 Journal of Nanjing University of Aeronautics and Astronautics, Volume 31, No. 6, 1999. 1  
PB2002103536 Shimmy of Aircraft Main Landing Gears. 1  
PB2002104011 Analysis of Riveted Repair Patches. 1  
PB2003100533 Center for Composite Manufacturing Final Report. 2  
PB2004106633 Bulging Factor Solutions for Cracks in Longitudinal Lap Joints of Pressurized Aircraft Fuselages. 1  
PB2005110683 Assessment of Industry Practices for Aircraft Bonded Joints and Structures. 1  
PB2005910401 National Transportation Safety Board Aircraft Accident Report: Hard Landing, Gear Collapse. 1  
PB2009105850 Assessment of Damage Tolerance Standard Test Methods and Development of Crack Growth Rate Prediction. 2  
PB2010113681 Simplified Analysis of Timber Rivet Connections. 1  
PB98172059 Transient Response of Tyres at Large Wheel Slip and Camber. 1  
AD656885 Title Not Available 2  
ADA242206 Production Planning for Quick Response. 4  
ADA298098 B-2 Bomber: Status of Cost, Development, and Production. 5  
ADA326136 Future Bomber Force (Draft). 5  
ADA328059 Flutter Prevention Handbook: A Preliminary Collection. 1  
ADA357902 Improved Flight Flutter Testing Excitation Techniques. 1  
ADA426408 Theoretical Prediction of Limit Cycle Oscillations in Support of Flight Flutter Testing. 1

ADA426452 System Identification Methods for Improving Flutter Flight Test Techniques. 1  
ADA427364 Expanding a Flutter Envelope Using Data From Accelerating Flight: Application to t...ghter Air 1  
ADA531337 Airloads Measurements from a 1/4-Scale Tiltrotor Wind Tunnel Test. 1  
ADP014182 Towards Faster and Safer Flight Flutter Testing. 3  
N19980018481 Improved Flight Test Procedures for Flutter Clearance. 1  
N20050220596 Recent Applications of Higher-Order Spectral Analysis to Nonlinear Aeroelastic Phenomena. 1  
N20050228925 Proposed Role of Aeroelasticity in NASA's New Exploration Vision. 1  
N20100016282 Enhanced Vision for All-Weather Operations Under NextGen. 1  
N20100016316 Aeroelasticity Benchmark Assessment: Subsonic Fixed Wing Program. 1  
N20100039468 Application of Approximate Unsteady Aerodynamics for Flutter Analysis. 1  
N20100039588 Basis Function Approximation of Transonic Aerodynamic Influence Coefficient Matrix. 1  
PB2007112095 Jet A Volatility Survey. 4  
PB2011100367 JAXA Research and Development Report. March 2010. 1  
PB96132469 Experience with Rotating Shaft Balances for Measurement of Total Propeller Force and Mome 1  
AD839743 Captive-Trajectory Store-Separation System of the AEDC-Pwt 4-Foot Transonic Tunnel. 1  
ADA025435 Title Not Available 2  
ADA068319 Title Not Available 1  
ADA257269 Investigation of Unsteady Impeller-Diffuser Interactions in a Centrifugal Compressor. 1  
ADA313396 Equations for Store Separation Motion Simulations and Instrumented Model Data Reduction. 1  
ADA324537 High-Accuracy Distributed Sensor Time-Space-Position Information System for Captiv...ld Exp 1  
ADA334792 User Requirements and Information for Captive Trajectory and Grid Testing in the P...s (4T/16 1  
ADA351103 Lubrication Free Centrifugal Compressor. 1  
ADA380504 Wind-Tunnel Investigation of Effects of Various Aerodynamic Balance Shapes and Swe...rfoil 1  
ADA393332 Experience in the Use of Computational Aerodynamics to Predict Store Release Characteristi 1  
ADA410003 Design, Fabrication and Test of a Wind-Tunnel Model for an Efficient All-Movable F...itary Airc 1  
ADA417124 Dynamic Aeroelastic Instabilities of an Aircraft Wing with Underwing Store in Transonic Regim 1  
ADA418327 Aerospace Turbomachinery Flow Physics. 1  
ADA468593 Use of Statistical Tools to Improve Modeling and Simulation of Store Separation. 1  
ADA478721 Design Considerations for a UCAV Wing for Subsonic and Transonic Aeroelastic and Flight M 1  
ADA497515 Validating a Physical Model With Real Data. Part 1. Verifying Wind Tunnel Flow Fea...eal-Size 1  
ADA532108 16T/S CTS Design Evaluation. 1  
ADA538155 Store Separation Lessons Learned During the Last 30 Years. 2  
ADA950113 Title Not Available 1  
ADB099065 Bolted Joints in Composite Structures: Design, Analysis and Verification. Task II....astener Joi 1  
DE98007235 Axial flux, modular, permanent-magnet generator with a toroidal winding for wind t...e applicati 1  
N19990041515 First International Symposium on Strain Gauge Balances, Pt. 1. 1  
N19990072764 First International Symposium on Strain Gauge Balances, Part 2. 1  
N20030071650 Effects of Impeller-Diffuser Interaction on Centrifugal Compressor Performance. 1  
N20040030511 Structural Integrity of a Wind Tunnel Balance. 1  
N20040073460 Linear and Nonlinear Analyses of a Wind-Tunnel Balance. 2  
N20040171928 Experimental Investigation of Diffuser Hub Injection to Improve Centrifugal Compressor Stabili 1  
N20050176376 Probabilistic Design of a Wind Tunnel Model to Match the Response of a Full-Scale Aircraft. 1  
N20060020184 Miniature On-Board Angle of Attack Measurement System for Hypersonic Facilities. 1  
N20080023304 Pre-Stall Behavior of a Transonic Axial Compressor Stage via Time-Accurate Numerical Simul 1  
N20100019443 Wind Tunnel Model Design for the Study of Plume Effects on Sonic Boom for Isolated Exhaus 1  
N20100033813 Nonlinear Dynamic Inversion Predictor-Based Model Reference Adaptive Controller fo...ransp 1  
N7119239 The Simulation of a Large Jet Transport Aircraft. Volume 1 - Mathematical Model. 1  
N7224342 Title Not Available 1  
N8631568 Title Not Available 1  
PB2007109219 Remote Center Compliant Flexure Device. 1  
AD480006 A Summary of Force-Transducer Technology: Measurement Techniques, Calibration, Element 1  
AD633565 Title Not Available 1  
AD771037 Dynamic Model Wind Tunnel Tests of a Variable-Diameter, Telescoping-Blade Rotor System ( 1

AD839743 Captive-Trajectory Store-Separation System of the AEDC-Pwt 4-Foot Transonic Tunnel. 3  
AD861165 Investigation of Joints in Advanced Fibrous Composites for Aircraft Structures. Joint and Attac 1  
AD875755 Title Not Available 1  
AD889312 Title Not Available 1  
ADA013199 Store Separation. 1  
ADA068319 Title Not Available 1  
ADA088583 Title Not Available 1  
ADA099330 Title Not Available 1  
ADA099332 Title Not Available 1  
ADA171301 Title Not Available 1  
ADA180800 Modal Analysis of the Violin Using MSC/NASTRAN and PATRAN. 2  
ADA210375 Title Not Available 1  
ADA227756 Microprocessor Controlled Strain Gauge Calibration Module. 1  
ADA240200 Fracture Toughness of Carbon/Carbon Composites. 1  
ADA245148 Store Separation Methodology Analysis. 1  
ADA277065 Six Degree of Freedom Flight Dynamic Model of a MK-82 Store. 1  
ADA284154 Application of Photogrammetry of F-14D Store Separation. 2  
ADA300457 Survey of Technology for Hybrid Vehicle Auxiliary Power Units. 1  
ADA306709 Aerodynamics of Store Integration and Separation (l'Aerodynamique de l'Integratio...rges Ext 1  
ADA313396 Equations for Store Separation Motion Simulations and Instrumented Model Data Reduction. 1  
ADA316163 Performance and Optimal Placement of Piezoceramic Actuators for Shape Control of a Cantil 1  
ADA317839 Unsteady Subsonic Aerodynamics for Maneuvering Wing/Fuselage/Pylon/ StoreConfigura...g 1  
ADA320031 Volume III. Systems Phase, Chapter 8: Stores Certification. 1  
ADA326325 Electromechanical Actuators for Active Suspension Systems. 1  
ADA335700 Wind Tunnel Free Flight on a Dynamic Strut. 1  
ADA354114 Polycomponent Functionally Graded Materials for Thermal Barrier Systems. 1  
ADA360532 Unsteady Subsonic Aerodynamics for Maneuvering Wing/Fuselage/Pylon/ StoreConfigura...g 1  
ADA368283 Investigation of Active Control of Combustion Instabilities in Liquid Propellant Rocket Motors. 1  
ADA369162 Comparison and Analysis of Strain Gauge Balance Calibration Matrix Mathematical Models. 1  
ADA378026 Airborne Separation Video System (ASVS): High Speed Digital Imaging. 1  
ADA378056 Parallel Computing of Overset Grids for Aerodynamaic Problems with Moving Objects. 1  
ADA382848 Grid Based Approach to Stores Separation. 1  
ADA397955 Integrated Unmanned Air-Ground Robotics System, Volume 1. 1  
ADA397956 Integrated Unmanned Air-Ground Robotics System, Volume 2. 1  
ADA397957 Integrated Unmanned Air-Ground Robotics System, Volume 3. 1  
ADA399922 Combined Asymptotics and Numerical Methods in Transonic Store Interactions. 1  
ADA410003 Design, Fabrication and Test of a Wind-Tunnel Model for an Efficient All-Movable F...itary Airc 1  
ADA416494 Torsional Balance for the Characterization of MicroNewton Thrusters. 1  
ADA417221 Comparison of Force Balance Calibration Techniques for the Nano-Newton Range. 1  
ADA429627 Calibration for the Sensitivity Matrix of the Collins Strain Gauge Balance. 1  
ADA457958 Design and Testing of Piezoelectric-Hydraulic Actuators. 1  
ADA465093 Nanoindentation and Contact Stiffness Measurement Using Force Modulation with a Ca...ent 1  
ADA468707 F-111 Store Trajectory Analysis. 1  
ADA468797 Evaluation and Experimental Validation of Low Costs CFD Based Mathematical Model D...res 1  
ADA468902 Advances in Modeling and Simulation Capabilities for Predicting Store Trajectories...ure Chall 1  
ADA471112 Thrust Stand Mass Balance Measurements of Hybrid Motor Mass Flow (Preprint). 1  
ADA473687 Thrust Stand Mass Balance Measurements of Hybrid Motor Mass Flow (Postprint). 1  
ADA478628 National Aeronautics and Space Administration Langley Research Center's Design Cri...le De 1  
ADA480489 Development of a Calibration Rig for a Large Multi-Component Rotor Balance. 2  
ADA498201 Store Separation Simulation of the Penguin Missile from Helicopters. 1  
ADA506375 F-16 Ventral Fin Buffet Alleviation Using Piezoelectric Actuators. 1  
ADA519519 Improving Store Separation Six-Degree-of-Freedom Tools (ISSSDF). 1  
ADA538155 Store Separation Lessons Learned During the Last 30 Years. 1

ADA540224 Experimental Measurements of Store Separation Using Dry Ice Models in a Subsonic Flow. 1  
ADA547059 Wheel Force Transducer Research and Development. 1  
ADP005548 Title Not Available 1  
ADP005996 Recent Studies on Bolted Joints in Composite Structures. 1  
ADP023731 Applied Computational Fluid Dynamics in Support of Aircraft/Store Compatibility an... -2007 E 1  
DE20019425 Stress analysis of down force calibration stand. 1  
DE2002797695 Down force calibration stand test report. 1  
DE2006876337 Design and Fabrication of a Meso-Scale Stirling Engine and Combustor. 1  
DE2007910134 Hanford Position Paper on Accuracy and Calibration of 3013 Balance and 9975 Drum Scale. 1  
DE2008929124 Guideline for Bolted Joint Design and Analysis: Version 1.0. 1  
DE86010888 Title Not Available 1  
DE93002243 Improving the selection of bolted joint parameters by using results from finite-element analysis 1  
DE95011199 Off-line analysis software for the Texas Test Rig. 1  
N19970035090 Actuator Feasibility Study for Active Control of Ducted Axial Fan Noise. 1  
N19990041515 First International Symposium on Strain Gauge Balances, Pt. 1. 1  
N19990072764 First International Symposium on Strain Gauge Balances, Part 2. 1  
N20030000847 Uncertainty Analysis of the Single-Vector Force Balance Calibration System. 1  
N20030075820 NASA Ultra-Sensitive Miniature Accelerometer. 1  
N20030093612 Torque Limit for Bolted Joint for Composites - Part B - Experimentation. 2002 NASA...owship 1  
N20040068130 Recent Developments and Status of the Langley Single Vector Balance Calibration System (S 2  
N20040075658 DMAP Program for the Selection of Accelerometer Locations in MSC/NASTRAN. 2  
N20040085923 Thrust Stand for Electric Propulsion Performance Evaluation. 1  
N20050160253 Oil-Free Thrust Foil Bearing Facility Design, Calibration, and Operation. 2  
N20050176376 Probabilistic Design of a Wind Tunnel Model to Match the Response of a Full-Scale Aircraft. 1  
N20060025538 Thrust Stand for Electric Propulsion Performance Evaluation. 2  
N20070003497 Comparison of Two Balance Calibration Model Building Methods. 1  
N20090008508 Partnership for the Revitalization of National Wind Tunnel Force Measurement Capability. 1  
N20090017841 Title Not Available 1  
N20090022125 Performance and Analysis of Perfluorinated Grease used on Space Shuttle Actuators. 1  
N20100019163 Development of the NTF-117S Semi-Span Balance. 1  
N20100019437 Update: Partnership for the Revitalization of National Wind Tunnel Force Measureme...ogy Ca 1  
N20100035734 Combined Load Diagram for a Wind Tunnel Strain-Gage Balance. 1  
N20100036253 Analysis of Apex Seal Friction Power Loss in Rotary Engines. 1  
N20100036592 Comparison of Iterative and Non-Iterative Strain-Gage Balance Load Calculation Methods. 1  
N20110011084 Iterative Strain-Gage Balance Calibration Data Analysis for Extended Independent Variable S 1  
N6734909 The Residual Static Strength of a Bolted Joint Cracked in Fatigue. 1  
N7230247 Title Not Available 2  
N8720349 Title Not Available 1  
N8812490 Title Not Available 1  
N8812531 Title Not Available 1  
N8912580 Title Not Available 1  
N8917599 Title Not Available 1  
N9118117 Precision Mechanics of Actuators in Aircraft and Rockets. 1  
N9220531 Use of the CTS for Prediction of Trajectories to the Impact Point. 1  
N9311128 Mixed Mode Bending Test of the Interlaminar Fracture Toughness of Carbon/Epoxy. 1  
PB173269 Title Not Available 2  
PB2001106359 International Conference on Electrical Machines (ICEM 2000), Volume 2. Held in Esp...st 28-3 1  
PB2002104693 Overview of the Recommended Guide for Determining and Reporting Uncertainties for ...ces a 2  
PB2003104838 Design of High-Speed Electrical Machines. Postgraduate Seminar on Electromechanics. 1  
PB2003105143 Design on High-Speed Electrical Machines. Postgraduate Seminar On Electromechanics. 1  
PB2005108222 Experimental and Analytical Studies of Structures Seismically Isolated with an Upl...olation Sy 1  
PB2006102892 Theoretical Design of a Nailed or Bolted Joint Under Lateral Load. 2  
PB86179603 Unavailable 1

PB87215703 Title Not Available 1  
PB99110405 Tufted Puffins as Samplers of Forage Fish. Restoration Project (APEX) 95163D. EXXO...t Fin 1  
AD734424 Title Not Available 1  
AD911702 Optical Proximity Sensor Development Program. 1  
ADA034920 Title Not Available 1  
ADA041145 Title Not Available 1  
ADA119412 Toward a Better Understanding of Helicopter Stability Derivatives. 1  
ADA125474 Theoretical Considerations in Measuring the Six-Degree-of-Freedom Motion of Gun Tubes by 1  
ADA208539 Title Not Available 1  
ADA358535 Missile Aerodynamics. 1  
ADA364497 Automated Security Response Robot. 1  
ADA379263 Computational And Experimental Investigation Of Flapping-Wing Propulsion. 1  
ADA402918 Six-Degree-of-Freedom Shaker Table, Active Isolator, and Gimbaled Stage for Resear...arget 2  
ADA492695 Computational Fluid Dynamics Studies of a Flapping Wing Nano Air Vehicle (NAV). 1  
ADA514567 Turbomachinery Fluid Mechanics and Control. 1  
ADA515419 Aero-Mechanical Coupling in a High-Speed Compressor. 1  
ADA515529 Integrated Computational and Experimental Studies of Flapping-wing Micro Air Vehicle Aerod 1  
ADA522060 Unsteady Low Reynolds Number Aerodynamics for Micro Air Vehicles (MAVs). 1  
ADA539832 Analysis of Flow Migration in an Ultra-Compact Combustor. 1  
ADA541848 Design of Operation Parameters to Resolve Two Targets using Proximity Sensors. 1  
ADA800560 Title Not Available 1  
N19980227183 Transonic and Supersonic Flutter Investigation of 1/2-Size Models of All-Movable C...Powered 1  
N20050029394 Generic Guidance and Control Structure for Six-Degree-of-Freedom Conceptual Aircraft Desi 1  
N20050166904 Generic Guidance and Control Structure for Six-Degree-of-Freedom Conceptual Aircraft Desi 2  
N20090001904 Orbital Express AVGS Validation and Calibration for Automated Rendezvous. 1  
N20090033117 Next Generation Advanced Video Guidance Sensor: Flight Heritage and Current Development 1  
N20100026683 Aeroelastic Computations of a Compressor Stage Using the Harmonic Balance Method. 2  
N7410299 Title Not Available 1  
N9216004 Avoiding Space Robot Collisions Utilizing the NASA/GSFC Tri-Mode Skin Sensor. 1  
PB2012100277 JAXA Research and Development Report. Dec. 2010. 1  
ADA002834 Title Not Available 1  
ADA232532 Underwater Helmholtz Resonator Transducers for Low-Frequency, High-Power Applications. 1  
ADA280006 Measurement of Aircraft Speed and Altitude. 1  
ADA338999 Biweekly Maps of Wind Stress for the North Pacific from the ERS-1 Scatterometer 1992 - 199 1  
ADA377759 Design and Test of a Prototype Acoustic High-Intensity Infrasonic Test Chamber. 1  
ADA380218 Experimental Investigation of Flow-Induced Cavity Resonance. 1  
ADA428168 Acoustic Ground Impedance Measurement. 1  
ADA438629 Rationale for p-Refinement with the Vector Helmholtz Equation and Two Dimensional ...inite E 1  
ADA458237 Modeling Approach for Reducing Helmholtz Resonance in Submarine Structures. 1  
ADA526485 Chaos Experiments. 1  
N20010080473 Young-Person's Guide to Detached-Eddy Simulation Grids. 1  
N20030005607 Acoustic Experiment to Measure the Bulk Viscosity of Near-Critical Xenon in Microgravity. 1  
N20050182054 Control of Combustion-Instabilities Through Various Passive Devices. 1  
N20050203867 Interaction of a Premixed Flame with an Acoustic Disturbance. 1  
N20070030267 Velocity-Field Measurements of an Axisymmetric Separated Flow Subjected to Amplitu...ted E 1  
N20100033417 Numerical and Physical Modeling of the Response of Resonator Liners to Intense Sou...d Gra 1  
N7728908 Title Not Available 1  
N8110203 Title Not Available 1  
N8535695 Title Not Available 1  
N8711123 Title Not Available 1  
N9124230 User's Manual for Rocket Combustor Interactive Design (Roccid) and Analysis Comput... User 2  
N9316280 Single and Cross Hot Wire Anemometry in Incompressible Flow. 1  
PB2000103705 Design, Analysis and Optimization of Composite Wings. Implementation of a Composi...zatio 1

PB2000103706 MSC/NASTRAN Static Aeroelastic Analysis Using the MDO FE-Model. 1  
PB2007109570 Journal of the Chinese Institute of Engineers, Vol. 30, No.2, March 2007. Transact...eers, Seri 1  
PB91171215 Treatise on Acoustic Radiation. Volume 2. Acoustic Transducers. 1  
PB92138544 Evaluation of the Applicability of Helmholtz Resonators for Low Frequency Acoustic Liners. 1  
ADA089114 Title Not Available 1  
ADA133981 Title Not Available 1  
ADA222263 Aerodynamic/Dynamic Interaction. 1  
ADA268898 Preliminary Structural Design - Defining the Design Space. 1  
ADA329260 Magnetic Induction Launcher Models. 1  
ADA344017 Near-Wall Measurements of a Three-Dimensional Turbulent Boundary Layer. 1  
ADA386506 Launcher Integrated Diagnostics Demonstration. 1  
ADA395922 Handbook of Supersonic Aerodynamics. 1  
ADA403633 Simulation of a Swarm of Unmanned Combat Air Vehicles (UCAVS). 2  
ADA418490 Swarm Intelligence: A New C2 Paradigm with an Application to Control Swarms of UAVs. 2  
ADA432841 Oblique Wing Aerodynamics. 2  
ADA435664 Swarm Intelligence for Autonomous UAV Control. 1  
ADA456507 High-Efficiency Helical Coil Electromagnetic Launcher. 1  
ADA472788 Unsteady Low-Reynolds Number Aerodynamics for Micro Air Vehicles (MAVs). 1  
ADA478598 High-Efficiency Helical Coil Electromagnetic Launcher and High Power Hall-Effect Switch. 1  
ADA478622 Very High Frequency Monitoring System for Engine Gearbox and Generator Health Mana...nt 1  
ADA478697 Fixed-Wing Micro Air Vehicles with Hovering Capabilities. 1  
ADA490778 No Winglets: What a Drag...Argument for Adding Winglets to Large Air Force Aircraft. 1  
ADA509915 Detached-Eddy Simulation of Flow Non-Linearity of Fluid-Structural Interactions Us... Order S 1  
ADA531773 International Workshop on Magneto-Plasma Aerodynamics (8th). 1  
ADA541348 Future Challenges and Opportunities in Aerodynamics. 1  
ADA547191 Theoretical and Computational Studies of Stability, Transition and Flow Control in High-Speed 1  
ADD018996 Actuated Recoil Absorbing Mounting System for use with an Underwater Gun. 1  
ADP023835 Multidisciplinary Applications of Detached-Eddy Simulation to Separated Flows at H...(Challen 1  
DE94003673 Performance of an induction coil gun. 1  
N19990018954 Parallelization of the Pipelined Thomas Algorithm. 1  
N19990102928 Modeling of Flow Transition Using an Intermittency Transport Equation. 1  
N20010080473 Young-Person's Guide to Detached-Eddy Simulation Grids. 1  
N20020091964 2001 NASA Seal/Secondary Air System Workshop, Volume 1. 1  
N20050051579 Static Aerodynamics of the Mars Exploration Rover Entry Capsule. 1  
N20060004787 Modern Design of Experiments for Configuration Aerodynamics: A Case Study. 1  
N20060047743 Computations of Viking Lander Capsule Hypersonic Aerodynamics with Comparisons to ...nd 1  
N20080015631 Status, Plans and Initial Results for Ares I Crew Launch Vehicle Aerodynamics. 1  
N20090017796 Title Not Available 1  
N2010002818 Numerical Computations of Hypersonic Boundary-Layer over Surface Irregularities. 1  
N20100036606 Historic and Current Launcher Success Rates. 1  
N20100042468 Hybrid Reynolds-Averaged/Large-Eddy Simulations of a Coaxial Supersonic Free-Jet Experim 1  
N20110012463 Spatially Developing Secondary Instabilities in Compressible Swept Airfoil Boundary Layers. 1  
N20110013249 Modeling Powered Aerodynamics for the Orion Launch Abort Vehicle Aerodynamic Database. 1  
N8717694 Title Not Available 1  
N9434393 Introduction to Generalized Functions with Applications in Aerodynamics and Aeroacoustics. 1  
PB2008100608 Onboard Supplemental Power System at Varying High Altitudes (PAT-APPL-10-896 145). 1