Box 1
90-1  Program Plan International Aircraft Operator Data Base
90-5  A Measurement of the Effectiveness of the Airway Science Program to Meet Federal Aviation Administration Work Force Needs
90-6  Biodynamic Simulations of an Aircraft Pilot/Passenger in Various Crash Environments
90-7  Human Performance in Cockpit-Related Systems
90-8  Heat Sink Effects on Weld Bead- VPPA Process
90-9  Robotic-Aided System for Inspection of Aging Aircraft
90-11 Mechanisms for Solid Particle Erosion in Ductile and Brittle Materials
90-12 Mechanical Paint Removal Techniques for Aircraft Structures
90-13 Surface Condition Effect on the Fatigue Behavior of Aluminum Lithium Alloys
90-14 A Comparison of the Post-Buckling Behavior of Metallic and Composite Plates with Centrally Located Cutouts
90-15 Scratches and Shot Peening Effects on the Fatigue Life of Aluminum-Lithium Alloys
90-16 A Modified Ubbelohde Viscometer with Improved Dilution Characteristics
90-17 Prediction Methodologies for Nonlinear Aerodynamic Characteristics of Control Surfaces
90-18 Human Factors: The Human Interface with Aircraft Interiors
90-19 Resin Transfer Molding of Composite Aircraft Interior Furnishings
90-20 Design and Construction of a Wall-Climbing Robot
90-21 Dedication of National Institute for Aviation Research
90-22 Design of a Wall-Scaling Robot for Inspection and Maintenance
90-23 Optimization of Spur Gear Systems by Tooth Profile and Face Width Modifications
90-24 The Effect of Paint Removal by Natural Bead Blasting on the Surface Morphology of Composite Materials
90-25 Study of Precipitation and Deformation Characteristics of the Aluminum-Lithium Alloy by X-Ray Double Crystal Diffractometry
90-26 Comparative Study of Phosphosilicate Glass on (100) Silicon by Furnace and Rapid Isothermal Annealing
90-27 A Generalized Contact/Impact Analysis of Mechanical Systems
90-28 Finite Size Effects and Film Materials
90-29 Local Plasticity Effect in Impact Analysis of Solids
90-30 The Effect of negative Poisson’s Ratio on the fracture Behavior of Composite Laminates
90-31 Program Plan International Aircraft Operator Information System Phase II
90-32 Program Plans Aviation Safety Research
90-33 The Effect of Special Orientation on the fracture Behavior of graphite/Epoxy Laminates

91-1 Proceedings: Techfest XVII
91-2 Modeling of Thin Au/Ni Multilayers
91-3 Kansas Aviation Review
91-4 Preparation and Characterization of Polyelectrolyte Copolymers Containing Methyl Methacrylate and 2-Hydroxyethyl Methacrylate Part 1: Polymers Based on Methacrylic Acid
91-5 X-Ray Rocking Curve Analysis of Aging and Deformation Characteristics in Al-Li Alloys
91-6 Characterization of Acetylene Terminated Sulfone (ATS) Resin Part 1: Chemical Characterization of the Resin
91-7 Characterization of Acetylene Terminated Sulfone (ATS) Resin Part 2: Thermal Analysis of the Resin
91-8 A Comparison of Corrosion Fatigue Properties of 6013 Bare, Alclad 2024 Bare Aluminum Alloy Sheet Materials Part 1: Effects of Surface Generated Scratches on the Fatigue Life of Al-Li Alloys
91-10 Part 2: Stretch Formability of Sheets of Al-Li Alloys
91-11 Airline Quality Rating

Box 2
91-12 Superplasticity Study of 1420 and 1421 Al-Li Alloys
91-13 Annual Report FY91
91-14 Resin Transfer Molding (RTM): What It Is and How To Do It
91-15 Evaluation of Existing Aircraft Operator Data Bases
91-16 Impact Characterization of Graphite Fiber Reinforced Thermoplastic Laminates
91-17 International Aircraft Operator Data Base Master Requirements and Implementation Plan
91-18 Marketing for Collegiate Aviation Education
91-19 Design and Analysis Surface-Climbing Robot
91-20 KQIN: Kansas Quality Improvement Network
91-21 TGA [*] Experimental Data Analyzed by Transpiration Theory
91-22 Women in the Aerospace Engineering Faculty of Higher Education
91-23 High Temperature Knudsen Effusion-Mass Spectrometric Studies of the Y-Ba-Cu-O System
91-25 A Brief Examination and Comparison Between the Federal Motor Vehicle Safety Standards and the Federal Aviation Regulations
91-26 Final Project Wichita State University 1986 Aviation Safety Research Projects
91-27 Computation of Three-Dimensional Flows Using Two Stream Functions
91-28 Examination of Energy Spectra Moments in a Developing Turbulent Flow
91-28 Techfest XVIII Proceedings
91-29 Impact Response of Laminated Plates Subjected to Transverse Loading
91-30 Program Plans Aviation Safety Research
92-1 Techfest XVIII Proceedings
92-2 Aviation Safety Research at the National Institute for Aviation Research Wichita State University
92-3 The Role of University Research in Aviation Safety and Competitiveness
92-4 Consumer Interest in the Air Safety Data of the Airline Quality Rating
92-5 Impact Response of Laminated Plates Subjected to Transverse Loading
92-7 X-Ray Characterization of Au/Ni Multilayer Thin Films
92-10 Airline Quality Issues 1992
92-11 The Airline Quality Reports 1992
92-12 Proceedings of the ML-92 Workshop on Machine Discovery (MD-92)
92-13 The International Forum on Airline Quality Teaching Guide
92-14 National Institute for Aviation Research Program Review
92-15 Annual Report FY92
92-17 Streamwise Computation of a Circular-To-Rectangular Transition Duct Potential Flow Field
92-18 Grants for Aviation Research
92-19 Handbook for Preparing and Printing FAA Formal Technical reports
92-20 Design of a Non-Sled Setup To Measure Head Injury Criteria
93-1 AIAA Techfest XIX Proceedings
93-2 Evaluation of Head Injury Criteria
93-3 Computer Modeling and Animation of Mechanical Systems

Box 3
93-11 The Airline Quality Report 1993
93-13 Characterization of Metallic Multilayers Using X-Ray Diffraction Analysis
93-14 Maximizing Participation of Women in Collegiate Aviation Education
93-15 The Development of a Horizontal Impact Sled Facility and Subsequent Crashworthiness Experiments
93-16 Annual Report FY93
93-18 Supersonic Flow Visualization of a Nacelle in Close Proximity To a Simulated Wing
94-1 AIAA Techfest XX Proceedings
94-2 Assessment of Resin Transfer Molding Process for the XM6 Discharger, ERDEC SSP 93-64 Final Report
94-3 A Multibody/Finite Element Analysis Approach for Modeling of Crash Dynamic Responses
94-11 The Airline Quality Report 1994
94-12 Analysis of Warping Effects on the Static and Dynamic Response of a Seat-Type Structure
94-13 Evaluation of Occupant Dynamic Responses and Development of Injury Criteria for a 3 Year Old Child
<table>
<thead>
<tr>
<th>Year</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>94-14</td>
<td>Plastic Hinge Modeling of Structures</td>
</tr>
<tr>
<td>94-16</td>
<td>Design of a Cervical Spine Gross Motion Simulator for Standard Size Human and Anthropomorphic Dummy Adult and Child</td>
</tr>
<tr>
<td>95-1</td>
<td>User’s Guide to DSCPACK</td>
</tr>
<tr>
<td>95-2</td>
<td>Vaporization Studies of High Temperature Superconductors</td>
</tr>
<tr>
<td>95-3</td>
<td>Handbook for Preparing, Printing, and Distributing FAA Formal Technical Reports</td>
</tr>
<tr>
<td>95-5</td>
<td>Modeling the Structural Crash Response of a Vehicle Torque Box and Related Crash Dynamics of the Vehicle Occupant</td>
</tr>
<tr>
<td>95-6</td>
<td>Analysis, Design, Fabrication, and Testing of a Head Impact Component Test Apparatus</td>
</tr>
<tr>
<td>95-7</td>
<td>Report on Modeling Efforts at LLNL: Chemical Kinetic Modeling of High Pressure Propane Oxidation and Comparison to Experimental Results</td>
</tr>
<tr>
<td>95-11</td>
<td>The Airline Quality Report 1995</td>
</tr>
<tr>
<td>96-1</td>
<td>Characterization of Composition and Strain in Annealed Cu-Ni Multilayers Using X-Ray Diffraction</td>
</tr>
</tbody>
</table>