

Fall 2007

Back Matter

Follow this and additional works at: <http://commons.erau.edu/jaer>

Scholarly Commons Citation

(2007). Back Matter. *Journal of Aviation/Aerospace Education & Research*, 17(1). Retrieved from <http://commons.erau.edu/jaer/vol17/iss1/1>

This Front Matter/Back Matter is brought to you for free and open access by ERAU Scholarly Commons. It has been accepted for inclusion in Journal of Aviation/Aerospace Education & Research by an authorized administrator of ERAU Scholarly Commons. For more information, please contact commons@erau.edu.

BACK ISSUES

Volume 1 Number 1 - Spring 1990: *Is the Legal Pilot Really Safe?; Optimized Engine-Out Procedures to Extend the Range of Jet Transport Airplanes; Pass it Along; Approaches to Learning: Relationships with Pilot Performance; The Impact of Deregulation on Airports: An International Perspective.*

Volume 1 Number 2 - Fall 1990: *Teaching Aviation Law at the Undergraduate Level: A Syllabus; Pilots' Evaluation of the Usefulness of LOFT Type IFR Simulator Flights for General Aviation Pilot Training; Emerging as a Major Carrier: A Case Study of America West Airlines; Introduction to Critical Issues in Aviation and Aerospace Education; Do Elementary Teachers have Time for Aviation/Aerospace Education?; Aviation/Space Education as a National Influence in Education; Facing Issues in Aerospace Education; Developing a Formal Program to Improve Pilot Judgment; Partnerships for Publishing: A New Look at Joint Writing Projects.*

Volume 1 Number 3 - Spring 1991: *A Study of Wing Flap Management, an Analysis of the Consequences of Flap Mismanagement, and a Search for Possible Causes; Cockpit Resource Management Training: Are Current Instructional Methods Likely to be Successful?; Divisibility, Technology, and the Competitive Potential for Regional Airlines.*

Volume 2 Number 1 - Fall 1991: *The Aviation Education Teacher Resource Center: A Unique Strategy to Improve Math and Science Education; Compliance and Enforcement: Aviation Safety in the Public Interest, Part I: Statutory Authority and Enforcement Procedures; Competition for Hub Dominance: Some Implication to Airline Profitability and Enplanement Share; Aviation Education Luncheon Sponsored by General Aviation Manufacturers Association (GAMA): A Clearinghouse Need for Aviation Education; Aviation Education: Universities and Schools--Networking, Professional Accreditation of Non-Engineering Aviation Program; The Journal of Aviation/Aerospace Education and Research: A Why, What and How Story; The FAA and Aviation Education.*

Volume 2 Number 2 - Winter 1992: *Editorial: Institutional Effectiveness: A New Hurdle for Collegiate Aviation; Compliance and Enforcement: Aviation Safety in the Public Interest, Part II: Current Enforcement Program; A Method for Identifying General Aviation Airports That are Candidates for Runway Extensions: A Planning Model for State Aviation Systems; A Quantitative Methodology for Measuring Airline Quality; Airline Unions Since Deregulation: The Views of Selected Airline Union.*

Volume 2 Number 3 - Spring 1992: *Editorial: Why Does it Take so Darn Long to Get Published?; Aviation Safety as a Function of Pilot Experience: Rationale or Rationalization?; Flying Time; An Assessment of the Impacts of Congestion Delay at Major Hubs to Airlines and Passengers; Compliance and Enforcement: Aviation Safety in the Public Sector, Part III: An Alternative Enforcement Program; Producing a Workshop for Training Airline Instructors.*

Volume 3 Number 1 - Fall 1992: *Editorial: Air Transportation Challenges of the 1990s, Part I; Are the Visual Acuity Requirements for Pilots in the Airline Industry Justifiable?; Learning Takes Flight: Award-winning Educators use Aviation to Spark Student Achievement; A Comparison Between Airline Cost Structure Pre- and Post-Deregulation; A Turning Point in Aviation Training: The AQP Mandates Crew Resource Management and Line Operational Simulations; FORUM: Goodbye to the Lecture: Embracing Interactive Learning Techniques.*

Volume 3 Number 2 - Winter 1993: *Editorial: Air Transportation Challenges of the 1990s, Part II; Cooperative Education Supported Collegiate Aviation Programs; Airline Employee Slowdowns and Sickouts as Unlawful Self Help: A Statistical Analysis; Transfer of Learning Effectiveness: PC-Based Flight Simulation.*

Volume 3 Number 3 - Spring 1993: *Editorial: Air Transportation Challenges of the 90s, Part III; Forum: The Tilted Playing Field; The Demand for Aviation Activities at General Aviation Airports: An Empirical Study; Glass Cockpit; Availability of Proficient Entry-Level Airline Pilots: A Factor in Four of Six Hiring Criteria Tested; Personality and Hazardous Judgment Patterns within a Student Civil Aviation Population.*

BACK ISSUES, cont.

Volume 3 Number 4 - Summer 1993: Editorial: *A New Partnership is Formed; Aerospace Education vs Aviation and Space Education; Aviation Education - Why?; Determinants of Underrepresentation of Women in Aviation Education; Aviation & Aerospace Education: A Positive Impact on the 21st Century; What Evidence Exists to Verify that Learning Through Aviation Works?; Is Aerospace Education Outdated?; Learning Takes Flight: Award-winning Educators Use Aviation to Spark Student Achievement; Pass it Along.*

Volume 4 Number 1 - Fall 1993: Editorial: *What Would Henri Fayol Have Said About the U.S. Airline Industry and Its Problems?; Forum: Cross-Cultural Underpinnings of the Taiping Rebellion: Potential Modern Applications; Piston Airplane Cruise Performance; A Cost Analysis: Re-Engining a Boeing 727-200 (Advanced) Versus Buying a New Boeing 757-200; The Airline Quality Rating: Developing an Industry Standard.*

Volume 4 Number 2 - Winter 1994: Editorial: *Too Little Too Late; Forum: Darwin Would be Justifiably Proud; Graduate Education in Airport Administration: Preparing Airport Managers for the 21st Century; Testing for the Existence of the Pilot Personality Profile in Collegiate Professional Pilot Candidates; Postsecondary Aviation Programs in the United States: 1950 and 1985; A Model for Developing an Airport Security Plan.*

Volume 4 Number 3 - Spring 1994: Editorial: *Airway Science: A Promise Kept or an Opportunity Missed?; Forum: Learning Takes Flight '93: Award-Winning Educators Use Aviation to Spark Student Achievement; Aeronautical Decision-Making and University Aviation Association Certified Flight Instructors; A Comparative Analysis of Airline Pilots' Approaches to Learning; Flight Anxiety: Predictors and Implications for Learning; Professional Pilot Studies: Proposed Content.*

Volume 5 Number 1 - Fall 1994: Forum: *Success in Aviation Education: A National Survey of Secondary Aviation Magnet Programs; Leisure Travel Market Potential for a High Speed Civil Transport; Analysis and Results of National Study on Women in Collegiate Aviation; Training Pilots or Educating Captains? A Framework for Collegiate Ab Initio Programs; An Evaluation of Cockpit Resource Management Training in Qantas.*

Volume 5 Number 2 - Winter 1995: Editorial: *What Should be Included in a Complete Aviation Education?; Forum: Educational Opportunities in Aviation Education; The European Joint Aviation Authorities: Meeting the Challenges of International Cooperation; The Effect of the Course "Women in Aviation" on College Student Attitudes Regarding Women in the Career Field of Aviation; Ethics in Aviation Education; Cockpit Resource Management Training: Are Current Instructional Methods Likely to be Successful?*

Volume 5 Number 3 - Spring 1995: Editorial: *The Academic Tenure-Review Process: An Asset or Liability to Collegiate Aviation?; Human Circadian Rhythms and the Shift Work Practices of Air Traffic Controllers; Analysis of the Case Writing Method for College Teaching; Reflective Judgment and Assertive Behavior in Crew Resource Management: A Theoretical Approach; Aviation Safety as a Function of Pilot Experience: Rationale or Rationalization?*

Volume 6 Number 1 - Fall 1995: Forum: *Battle 2000: The New Jet Entrants Versus the Regional Partners?; Study of Demand for Light, Primary Training Aircraft in Collegiate Aviation; The Bootstrap Approach to Predicting Airplane Flight Performance; Should Colleges and Universities Develop Special Alcohol Education and Rehabilitation Programs for Flight Students?*

Volume 6 Number 2 - Winter 1996: Editorial: *The Corporate Aviation Management Committee (CAMC): A New Academic Partnership for Aviation; Forum: A Perspective on the Role of African-Americans in Aviation; Forum: Transfer of Wood/Fabric Structures Concepts to Composite Structures Processes; Forum: The Blue Box: Solo; The Edwards Personal Preference Schedule as a Predictor of Success in a Collegiate Professional Pilot Training Program; A Framework for Assessing the Role of Aircraft Technology in Enhancing System Capacity.*

Volume 6 Number 3 - Spring 1996: Editorial: *Faculty Professional Development Imperatives in Collegiate Aviation Education; Determination of Curriculum Content for a Non-Engineering Doctoral Degree in Aviation.*

BACK ISSUES, cont.

Volume 7 Number 1 - Fall 1996: *Toward an International Model of Crew Resource Management: The Cultural Implications, Educational Course and Curriculum Needs for Corporate Aviation Managers; A Review of History, Structure, and Competition in the U.S. Airline Industry.*

Volume 7 Number 2 - Winter 1997: Forum: *Aviation Science? Collegiate Aviation? Aeronautics? Aerospace Science? Introducing Aeronology in Resolving Identity Issues;* Forum: *Education Tailor-Made for the Times;* Forum: *Anson Burlingame: Diplomat, Orator; Aviation English: An Introduction.*

Volume 7 Number 3 - Spring 1997: *Aviation Industry Employment Data Estimates Revisited; Effects of PC-Based Pretraining on Pilots' Performance in an Approved Flight-Training Device; Medical Problems in Commercial Flight: Shortage of Airport Medical Facilities.*

Volume 8 Number 1 - Fall 1997: Forum: *The Development of the Flying Wing;* Forum: *Professionalism and the Corporate Culture of Aviation Education;* Forum: *Beyond 2000: The Undiscovered Frontier of a Career as an Aviation Professor; Student and Instructor Perceptions of Effective Instructional Methods in a University Aviation Human Factors Course; Teaching Landings by the Numbers: Quantifying the Visual Approach and Landing; Beyond the Classroom with System Safety.*

Volume 8 Number 2 - Winter 1998: Forum: *Would An ACES Academy Benefit Your University?;* Forum: *Inclusion of Modern Composites Technology Into a Federal Aviation Administration Airframe and Powerplant Curriculum;* Forum: *Denver International Airport: Lessons Learned ; A Pioneering University-Airline Flight Internship Program; Establishing A Total Safety Culture; The General Aviation Revitalization Act of 1994: An Overview of Tort Reform.*

Volume 8 Number 3 - Spring 1999: Forum: *The Aircraft Engine: An Historical Perspective of Engine Development Through World War I;* Forum: *The Political Motivation of Airline Deregulation; Recruiting on the Outside: Action-Oriented Research Solutions to External Student Recruitment in Collegiate Aviation Education; The Airline Maintenance Mechanic Educational Infrastructure: Supply, Demand, and Evolving Industry Structure; CRM: A Literature Review.*

Volume 9 Number 1 - Fall 1999: Forum: *Tech" Knowledge "y Anxiety;* Forum: *Night VFR: An Oxymoron?;* Forum: *The Benefits of Experience in the Classroom; Interpersonal Skills in Aviation: Applications and Development; Is Free Flight A Reality or Myth?; A Model of "Applied Ethics" in Aviation Safety: The Aviation Reporting System.*

Volume 9 Number 2 - Winter 2000: Forum: *High Speed Civil Transportation;* Forum: *Aviation Students in Industry: Strategies That Enhance Learning;* Forum: *Air Traffic Control CTI Program; Pilot Education: The Beginnings; A Comparison of the Effectiveness of PC-Based Aviation Training Devices and Conventional Flight Training Devices for Instrument Flight Training; Collegiate Aviation Maintenance Programs: Focus on Quality or Safety?*

Volume 9 Number 3 - Spring 2000: Forum: *Death of Eastern: How One Man Destroyed an Airline;* Forum: *Suspected Unapproved Parts in the Aviation Industry: Consideration of System Safety; With Thor Across the Heavens; Developing Future Aviation Leaders: Advice From Today's Leaders!; The Scope and Status of the Fixed Base Operator/General Aviation Service Industry in Illinois; Integrated Airline Organizational Frameworks and Crew Resource Management Effectiveness.*

Volume 10 Number 1 - Fall 2000: Forum: *Fasten Your Seatbelts;* Forum: *Gender Differences in an Aviation Physiology Environment; Voice Recognition in Fighter Aircraft; Towards the Zero Accident Goal: Assisting the First Officer Monitor and Challenge Captain Errors; The Development of a Job Performance Aid Design Model For Use in Aviation.*

Volume 10 Number 2 - Winter 2001: Forum: *Group Learning in Technical Courses ;* Forum: *The Benefits of Professional and Youth Art in an Airport Community; Identifying the Probability of an Accident Occurring with Suspected Unapproved Parts as a Contributing Factor; Weathering Effects On Selected Aircraft Covering Processes; The Evolution of Fractional Ownership: A Literature Review.*

Volume 10 Number 3 - Spring 2001: Forum: *The PCATD's Role in the Cognitive Processes of Flight Training ; Controlled Flight Into Terrain; Case Study of a Fourth Generation MRM Program at a Corporate Aviation Operator ; Aviation, Herbert Hoover and His "American Plan".*

BACK ISSUES, cont.

Volume 11 Number 1 -Fall 2001: Forum: *Yield Management*; Forum: *Professional Ethics in Engineering: The Challenger and Corporate Culture*; *Accreditation of Collegiate Aviation's Distance Education Programs: Now and in the Future*; *A Comparison of the Learning Styles of Aviation and Non-Aviation College Students*; *Arriving at Consensus: Airport/Aviation Administration Advice Provided to Airport Managers by State Aeronautic Agencies.*

Volume 11 Number 2 -Winter 2002: Forum: *Incorporating Green Design Into Teaching Aircraft Preliminary Design*; Forum: *An Investigation of Different Modeling Techniques For Autonomous Robot Navigation*; *Turbulence and Its Impact on Commercial Aviation*; *General Aviation Landing Flare Instructions*; *Collegiate Flight Training Programs: In Search of Cognitive Growth.*

Volume 11 Number 3 -Spring 2002: Forum: *A Fanciful Look at Air Carrier Operations In The Year 2050*; Forum: *Data Acquisition in Aviation Maintenance Training*; Forum: *A Quantitative Model of the Amplification of Power Through Order and Implications for Defense Against Hijackings*; *The Case Method: An Enhancement to Curriculum in Aviation Management Coursework*; *Using Applied Behavior Analysis to Complement Error Management in Crew Resource Management Education.*

Volume 12 Number 1 -Fall 2002: *The Editor's Forum* ; Forum: *Andragogical Methods For Teaching Advanced Cockpit Flying Skills to Professional Pilots*; Forum: *The Demise of Collegiate Aviation Programs With the Best of Intentions*; *Stress Coping Strategies for Commercial Flight Crewmembers*; *Military Versus Civilian Air Cargo Training for Hazardous Materials*; *The Orteig Prize*

Volume 12 Number 2 -Winter 2003: *The Editor's Forum* ; Forum: *Improving Airline Cabin Safety*; Forum: *The Role of Educational Institutions for Airport Security*; *21st Century Aerospace and the Power of Human Communication Skills*; *Aviation Opportunities in Ecotourism* ; *A Case for Changing the National Airspace System from a Magnetic North to a Geographic North Model.*

Volume 12 Number 3 - Spring 2003: *The Editor's Forum* ; Forum: *How Safe is "Safe Enough?"* ; Forum: *A Dialogue on the Demise of Collegiate Aviation*; Forum: *Alternate Paradigms for Structuring Collegiate Flight Programs*; *An investigation into Factors Influencing Men and Women in Becoming Professional Pilots*; *Collegiate Aviation and FAA Air Traffic Control Partnerships: A Review of Literature*; *A Evaluation of the Perceived Effectiveness of Personal Computer Aviation Training Devices for Instrument Flight Training.*

Volume 13 Number 1 -Fall 2003: *The Editor's Forum* ; Forum: *Desirable Faculty Qualifications as Assessed by Students in the Aeronautical Science Program at Embry-Riddle Aeronautical University* ; Forum: *A Safer Sky: An Examination of Factors Affecting Flight Students in Taiwan*; *Assessing the Evolution of the Airborne Generation of Thermal Lift in Aerostats 1783 to 1883*; *VFR Flight into IMC: Reducing the Hazard*; *The Effects of an Induced Negative Mood State on Student Pilot Learning.*

Volume 13 Number 2 -Winter 2004: *The Editor's Forum* ; Forum: *Human Factors Issues of the Aircraft Checklist*; Forum: *Aeromedical Issues in Diabetic Aviators*; *Libelle Self-Contained Anti-G Ensemble: Overcoming Negative Transfer*; *Training Levels and Methodologies for New Technology Aircraft in Collegiate Aviation*; *AGATE Outcomes Analysis: Laying the Foundation for SATS.*

Volume 13 Number 3 -Spring 2004: *The Editor's Forum* ; Forum: *Existing and Potential In-Flight Entertainment Transmission Systems- Strengths and Weaknesses*; *Adaption and Innovation in Flight Training- The Benefits of Cognitive Diversity*; *Wanted- Quality in Airline Safety: Quality Methods and Tools are Needed to Manage New Directions*; *In-Flight Icing and How Airlines are Coping*; *The Most Valuable Aspects of an Airline Flight Operations Internship: The Perceptions of Former Interns.*

Volume 14 Number 1 -Fall 2004: *The Editor's Forum* ; Forum: *An Overview of the Demise of NASA's High Speed Research Program*; Forum: *Collision Avoidance in Traffic Patterns- Time, Flying Tasks and Visual Scanning*; *Publishing Aviation Research: A Literature Review of Scholarly Journals*; *A Comparative Study of Collegiate Aviation Students and Business Students Related to Myers-Briggs Type Indicator Preferences, Error and Threat Detection: A comprehensive Review and Evaluation of Current Literature.*

Volume 14 Number 2 -Winter 2005: *The Editor's Forum*; Forum: *Application of Low Speed Wind Tunnels on Teaching Basic Aerodynamics*; Forum: *Airline Fuel Hedging: An Overview of Solutions Available to Airlines*; *An Approach to Determine the Need for Expanding Small Airports: A Case Study*; *Low-Level Windshear and its Impact on Airlines*; *A Step Toward Early PC-Based Training That Reduces Risk: The Effects of Practicing An "Instrument Referenced" Skill Pattern on "Visually Referenced" Performance of Beginning Flight Students.*

Volume 14 Number 3 -Spring 2005: *The Editor's Forum*; Forum: *Farewell Comrade*; Forum: *Yield Management in the Airline Industry*; *The Effects of Air Traffic Control Privatization on Operating Cost and Flight Safety*; *Assessing the Effects of September 11 Events on Flight Training*; *Invasive Iguanas as Airstrike Hazards at Luis Munoz Marin International Airport, San Juan, Puerto Rico.*

Volume 15 Number 1 -Fall 2005: *The Editor's Forum*; Forum: *The Respectability of Collegiate Aviation As an Academic Discipline: Have We Arrived Yet?*; Forum: *In Search of Collegiate Flight "Education"*; *An Assessment of Intensive/Weekend Teaching Format of Aviation Education*; *Perceived Importance of Visual Cues to the Timing of the Landing Flare*; *Lightning Strikes on Commercial Aircraft: How the Airlines are Coping.*

Volume 15 Number 2 -Winter 2006: *The Editor's Forum*; Forum: *Using Informal Student Feedback to Enhance Learning*; *The Application of Scenario-Based Recurrent Training to Teach Single Pilot Resource Management (SRM) Under the FAA Industry Standards (FITS) Program*; *Impact of Glass Cockpit Experience on Manual Flight Skills*; *Stuck in the Middle Revisited: The Case of the Airline Industry.*

Volume 15 Number 3 -Spring 2006: *The Editor's Forum*; Forum: *Recruitment and Promotion Challenges for Aviation Faculty in U.S. Universities*; Forum: *Professors as Architects of Student Learning*; Forum: *Transitioning to Glass Cockpit Primary Training Fleets: Implications*; *Influencing Factors in Degree Selection for Aviation Majors at Indiana State University*; *ATC Best Practices: An Opportunity for Computer-Based Scoring*; *Perceptions of an Aviation Flight Practicum: A Follow-Up Study of Graduates of an Aviation Flight Practicum Course.*

Volume 16 Number 1 -Fall 2006: *The Editor's Forum*; Forum: *Organizational Acculturation at JetBlue Airways through Values-Framed Instructional Design*; *Selecting Projects for a Capstone Spacecraft Design Course from Real-World Solicitations*; *A Profile of Charter Operations: A Survey of On-Demand Air Carriers*; *Models of Aviation Technical Communication With Augmented Reality.*

Volume 16 Number 2 -Winter 2007: *The Editor's Forum*; Forum: *Workplace Conduct: One Company's No-Nonsense Approach to Hate-Related Behavior*; Forum: *Book Review- Aviation Law: Cases and Materials, Aviation Law: Cases and Materials Teachers Manual*; *A Delphi Study: Expanding K-12 Student Knowledge and Interest in Aviation/Aerospace*; *Current Trends in Air Traffic Control Recruitment and Training*; *The Effectiveness of Augmented Reality as a Facilitator of Information Acquisition in Aviation Maintenance Applications.*

Volume 16 Number 3 -Spring 2007: *The Editor's Forum*; Forum: *ERAU: CRM Vectors 2007*; Forum: *CRM is Dead; A*; Forum: *Crew Resource Management is Still Flourishing in a Changing Aviation Environment*; *Student Enthusiasm for Part 135-Based Simulations*; *The Affects of Pedagogical Paradigms on Aviation Students with Hazardous Attitudes*; *Air Cargo Security-The Cost of Doing Business in the 21st Century.*

BACK ISSUE ORDER FORM

Please send a copy of each issue I have checked above at \$15 per copy per issue. I enclose \$ _____ in U.S. dollars. [Please give full mailing address. Name-Address-City-State-ZIP (and Country if not the USA)]

Mail to:

SUBSCRIPTION FORM

The Journal of Aviation/Aerospace Education and Research (JAAER) is a refereed journal publishing scholarly articles of interest to aviation/aerospace educators and professionals. We publish three issues each year, Fall, Winter and Spring, and our rates are modest: professionals, \$35, and organizations/institutions/libraries, \$60. Subscribers with foreign mailing addresses add \$5 to each category.

Please complete the form below and mail it, together with your remittance, to:

JAAER
Embry-Riddle Aeronautical University
Aviation Building, Room 113
600 South Clyde Morris Blvd.
Daytona Beach, FL 32114-3900

Last Name _____ First/MI _____
Position/Title _____
Organization _____ Bus. Tel. _____
Mailing Address: _____

Subscription Type:

Professional \$35/yr _____ Libraries/Institutions/Organizations \$60/yr _____ Foreign mail address, add \$5/yr _____

All monies to be paid in U. S. funds.

Our Federal ID Number is 59-0936101.

Job Classification (circle those selections which best describe you/your organization):

- | | | | |
|--------------------------|-------------------------|----------------------|---------------------------|
| 1 Air Traffic Controller | 7 Airline Management | 13 Educator | 19 Government |
| 2 General Aviation Pilot | 8 Airport Management | 14 Flight Department | 20 Interest Group |
| 3 Military Pilot | 9 Engineer | 15 Manufacturer | 21 Publication |
| 4 Air Carrier Pilot | 10 Mechanic/Maintenance | 16 Simulation | 22 Librarian |
| 5 Flight Instructor | 11 UAA Member | 17 Military Official | 23 Univ./coll. department |
| 6 Aviation Company | 12 Consultant | 18 Student | |

24 Other (please specify):

