JAAER Back Issues as of March 2014

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JAAER BACK ISSUES- as of March 2014


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 Judgement; 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 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.


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


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 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 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 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”.

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 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 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 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 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 19 Number 3 - Spring 2010: The Editor’s Forum; Forum: Pilot’s Style of Learning and Thinking and Age-Related Declines in Visual Recall; Barriers to Work-based Learning in Aviation Management Programs; The Future of Women in Aviation: Trends in Participation in Postsecondary Aviation Education Effects of Repetitive End Cleaning on Multimode Plastic Fiber Optic Cable Performance.

Volume 20 Number 1 - Fall 2010: The Editor’s Forum; Forum: Hypoxia Awareness Training Using Normobaric Lab Technology as a Training System; Analysis of Hazardous Material Incidents Reported in the Aviation Safety Reporting System; Using Graphic Feedback to Eliminate Checklist Segment Timing Errors Mitigating Online Survey Nonresponse Error in Aviation Research.

Volume 20 Number 2 - Winter 2011: The Editor’s Forum; Forum: The Rationale for Embry-Riddle Aeronautical University’s Ph.D. in Aviation: A Brief Explication; Accident Reduction Through Crew Resource Management; Effects of Barred Owl Wing Adaption on the Gliding Distance of a Model Airplane Predictive Weather Display in ATC: Implications for Research and Training.


Volume 21 Number 1 - Fall 2011: The Editor’s Forum; Forum: Freud’s Ego in the Cockpit; Beyond the Classroom: Applying a Business Process Model of Weather Forecasting to Aviation Meteorology; Tracing the History of the Ornithopter: Past, Present, and Future; Development and Validation of an Aviation Research Study.


Volume 21 Number 3 - Spring 2012: The Editor’s Forum; Forum: Hybrid Courses in Aeronautical Science Curriculums; The Digital to Analog Risk: Should We Teach New Dogs Old Tricks?; Mixed Methods Study of Demand Determinants of Airline Coach and Saddle Seats; The Wright Brothers’ Patent Lawsuits; The Wright Brothers vs. the World: Understanding the Wright Patent Wars.

Volume 22 Number 1 - Fall 2012: The Editor’s Forum; Forum: Flying in the 1920s Homogenous Learning Styles Among Airport Management Professionals; Not Just a Student Problem: Plagiarism in Aviation Academic Research; Analysis of General Aviation Instructional Loss of Control Accidents.
Volume 22 Number 2- Winter 2013: The Editor’s Forum; Forum: To Regulate or Not: That is the Question; The Perceived Benefits of Airbag Systems in General Aviation Aircraft; Private Pilot Progress: Where Do We Fall Down?; Assessing Safety Culture Within A Flight Training Organization

Volume 22 Number 3- Spring 2013: The Editor’s Forum; Predicting Impact of Maintenance Resource Management Training Using Individual Difference Variables; The Future of Unmanned Aircraft Systems Pilot Qualification; Measuring Demand for Access To Regional Airports: An Application of Zero-Inflated Poisson Regression