

Fall 1992

## Front Matter

Follow this and additional works at: <https://commons.erau.edu/jaaer>

---

### Scholarly Commons Citation

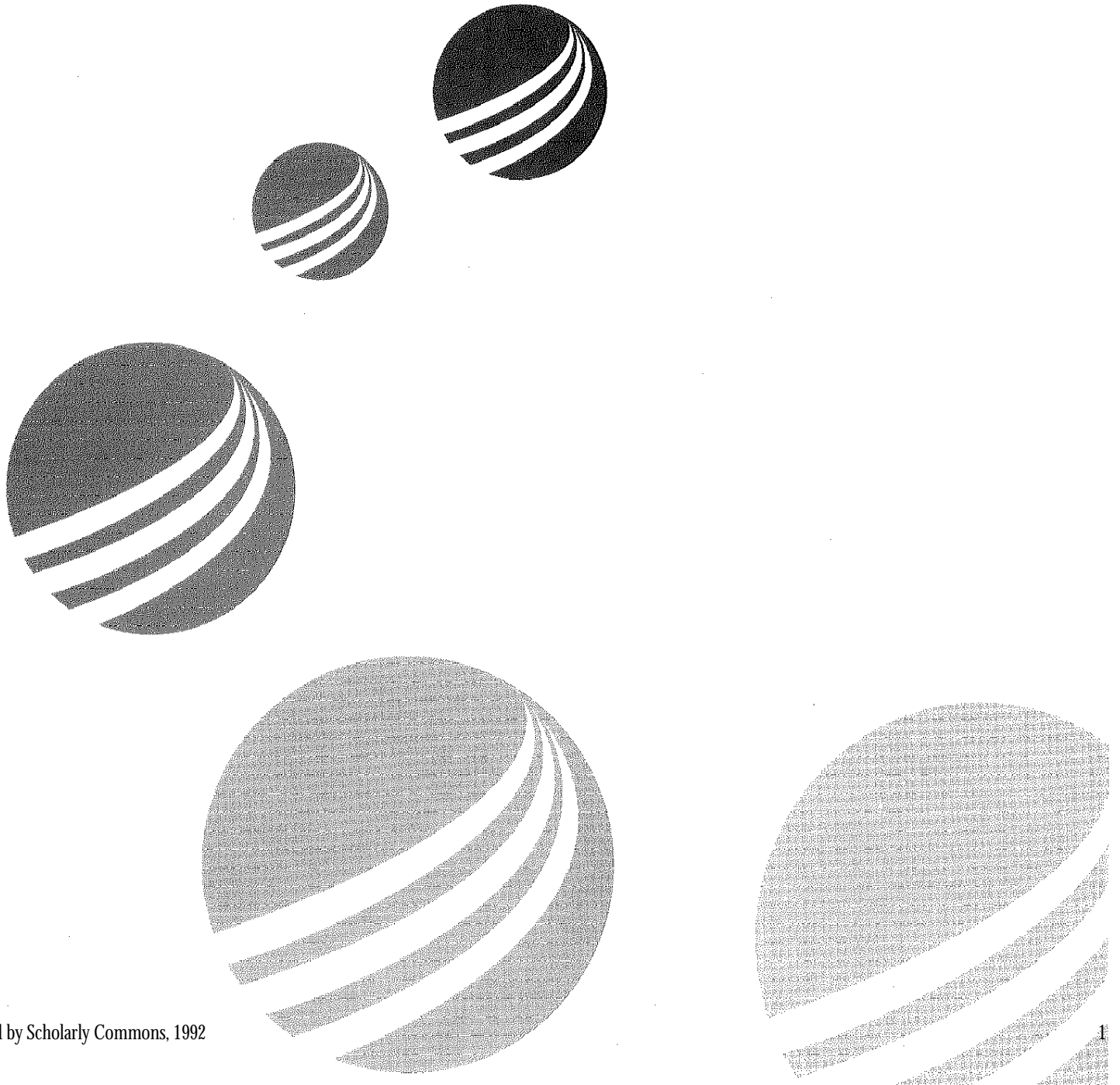
(1992). Front Matter. *Journal of Aviation/Aerospace Education & Research*, 3(1). Retrieved from <https://commons.erau.edu/jaaer/vol3/iss1/8>

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

FALL 1992  
VOLUME 3 NO. 1

# JAAER

*THE JOURNAL OF AVIATION/AEROSPACE & RESEARCH*





**JOURNAL  
OF  
AVIATION/AEROSPACE  
EDUCATION AND RESEARCH**

*The Journal of Aviation/Aerospace Education and Research*  
Fall 1992, Volume 3, Number 1  
1st Printing November 1992  
Copyright © 1992 by Embry Riddle Aeronautical University

Indexed in:

Library of Congress, *ISSN 1065-1136*  
Educational Resources Information Center (ERIC)  
Aviation Tradescan

All correspondence and inquiries should be directed to:

*The Journal of Aviation/Aerospace Education and Research*  
Dr. Henry R. Lehrer, Editor  
600 South Clyde Morris Boulevard  
Daytona Beach, FL 32114-3900  
USA

**EDITORIAL STAFF:** Editor, **Henry R. Lehrer**; Associate Editor, **Mary E. Williams**; Graphics Design, **Nancy Rahn-Virden**; Assistant to the Editor, **Sue Lowry**.

**EDITORIAL BOARD:** **Tim Brady**, Central Missouri State University; **Thomas Q. Carney**, Purdue University; **Thomas J. Connolly**, Embry Riddle Aeronautical University; **Jerry Fairbairn**, Daniel Webster College; **Jefferson M. Koonce**, University of Illinois at Urbana-Champaign; **Jennifer G. Myers**, Monrocy Aeronautical Center; **David A. NewMyer**, Southern Illinois University; **Richard O. Reinhart**, Aeromed Professional Association; **Tom L. Sams**, American Airlines (Retired); **Ross Telfer**, University of New Castle, Australia; **Stacy Weislogel**, The Ohio State University; **Alexander T. Wells**, Broward Community College; **Richard Witkin**, New York Times (Retired); **Phillip S. Woodruff**, FAA Headquarters.

Published three times annually (Fall, Winter, Spring) at Embry Riddle Aeronautical University  
600 South Clyde Morris Boulevard, Daytona Beach, Florida 32114-3900  
904-226-6855

**THE JOURNAL OF AVIATION/AEROSPACE EDUCATION AND RESEARCH**

Fall 1992

Volume 3, Number 1

**TABLE OF CONTENTS**

**Editorial:**

*Air Transportation Challenges of the 1990s, Part I* . . . . . 5

*Are the Visual Acuity Requirements for Pilots in the  
Airline Industry Justifiable?*  
William C. Gladish . . . . . 6

*A Turning Point in Aviation Training: The AQP Mandates  
Crew Resource Management and Line Operational Simulations*  
Thomas R. Weitzel and Henry R. Lehrer, Ph.D. . . . . 14

**GAMA:**

*Learning Takes Flight: Award-winning Educators  
Use Aviation to Spark Student Achievement*  
Frank G. Mitchell . . . . . 21

*A Comparison Between Airline Cost Structure  
Pre- and Post-deregulation*  
Atef Ghobrial, Ph. D. . . . . 25

**FORUM:**

*Goodbye to the Lecture: Embracing Interactive Learning Techniques*  
Stephen Newburg . . . . . 32

**Book Review: . . . . from the Bookshelf**

*The Airline Career and Interview Manual* . . . . . 38

## EDITORIAL FOCUS

*The Journal of Aviation/Aerospace Education & Research (JAAER)* is a scholarly publication for educators and researchers as well as for professionals in the aviation and aerospace industry. The focus is how the educational process is influenced by various segments of the aviation and aerospace community, and how education affects the industry. We are not confined to colleges and universities; we embrace elementary and secondary education, as well.

The *Journal* is interested in scholarly submissions about aviation/aerospace history, educators, curriculum development, innovative methods of instruction, significant research findings that relate to aviation/aerospace education, industry and education partnerships and industry research. We also wish to reflect the latest industry and academic thought concerning current issues of interest to JAAER readers.

The JAAER is a refereed publication. Manuscripts are blind-reviewed by members of the editorial board as well as by a limited number of professionals in that field. This review process takes a minimum of 60 days. From time to time, non-refereed articles may be included in a FORUM section.

## AUTHOR'S GUIDELINES

**Preparation of Manuscripts** The most current edition of the *Publications Manual of the American Psychological Association (APA)* is used as the style guide for submissions. However, authors are instructed to include all tables in the body of the manuscript.

- **Multiple submissions are not acceptable.** (If pending acceptance elsewhere do not submit to the *Journal*.)
- Submit five double-spaced copies of the manuscript using standard, white, bond paper (copy machine, typing, or computer paper) that will take ink corrections.
- If typewritten, use dark, clearly legible ribbon. Do not use paper that will smear.
- If printed by computer, must be clear and easily readable print. If a dot matrix printer is used, Near Letter Quality (NLQ) is acceptable if good quality ribbon and paper is used. (Note: please do not send draft quality dot matrix printing.)
- Double space the text.
- Use wide margins (1.5"-2") on both sides and top and bottom.
- Do not right (full) justify the manuscript
- Do number the pages.
- If your word processing program has the capability, yes, do number the lines. It will make an easier referral point for the reviewers as they record comments.

**Title** The title of the manuscript should be clearly indicative of its subject and of the author's intention, and should not be unnecessarily long or convoluted.

**Documentation** Manuscripts are to conform to APA reference documentation. *Text reference citations and reference list entries must be identical.* (Bibliography lists are not published.)

**Autobiography** On a separate sheet of paper, include a brief autobiography stating your qualifications for writing this article. If multiple authors, give a brief autobiography for each author.

**Publication Policy** With your initial manuscript submission please include a statement that this manuscript has not been previously published elsewhere, is not submitted and pending acceptance elsewhere, and will not be submitted for publication elsewhere in its present form.

If you have any questions about submitting or subscribing please call the *Journal* office at 904-226-6855. Office hours are from 9:00 a.m. to 2:00 p.m. on Tuesday, Wednesday, and Thursday. If no one is in when you call, please leave a message and your call will be returned as soon as possible.