

Spring 2007

## Front Matter

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

---

### Scholarly Commons Citation

(2007). Front Matter. *Journal of Aviation/Aerospace Education & Research*, 16(3). Retrieved from <https://commons.erau.edu/jaer/vol16/iss3/7>

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).

# JAAER

## FORUM

*The Editor's Forum*.....7

*ERAU: CRM Vectors 2007*.....9

*CRM is Dead*.....13

*Crew Resource Management is Still Flourishing in a Changing Aviation Environment*.....15

## PAPERS

*Student Enthusiasm For Part 135-Based Simulations*.....19

*The Affects of Pedagogical Paradigms on Aviation Students With Hazardous Attitudes*.....25

*Air Cargo Security- The Cost Of Doing Business in the 21<sup>st</sup> Century*.....37



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

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

*The Journal of Aviation/Aerospace Education and Research (JAAER)*  
Spring 2007, Volume 16, Number 3  
Copyright © 2007 Embry-Riddle Aeronautical University  
1st Printing APRIL 2007

Indexed in:

Library of Congress, *ISSN 1065-1136*  
Aviation Tradescan

All correspondence and inquiries should be directed to:

*The Journal of Aviation/Aerospace Education and Research*  
Embry-Riddle Aeronautical University  
Aviation Building, Room 113  
600 S. Clyde Morris Blvd.  
Daytona Beach, FL 32114-3900  
USA  
Telephone 386/226-6855  
FAX 386/226-6274

---

**Editorial Staff of the  
*Journal of Aviation/Aerospace Education and Research***

William A. Kohlruess, Editor

Tim Brady, Embry-Riddle Aeronautical University

James Schultz, Embry-Riddle Aeronautical University

Deborah L. Burke, Assistant Editor

Thomas Connolly, Embry-Riddle Aeronautical University

**Editorial Board**

Brent D. Bowen

Thomas Q. Carney

Gerald N. Cook

Gerald Fairbairn

University of Nebraska

Purdue University

Spirit Airlines

Daniel Webster College

Chuck Moren

David A. NewMyer

Marvin Smith

Ross Telfer

Embry-Riddle Aeronautical University

Southern Illinois University

Embry-Riddle Aeronautical University

Instructional Research and  
Development Pty, LTD.

Jackie Luedtke

Embry-Riddle Aeronautical University

Phillip S. Woodruff

Federal Aviation Administration  
Headquarters

**Additional Reviewers**

Greg Aaron

Dee Andrews

Deak Arch

Shawn Arena

Alan Bender

Joe Clark

Jule Massie Clark

Eddie L. Diehl

Adrian Doss

Atef Ghobrial

Thomas Hagovsky

Mark Hewitt

Philip Ikomi

Robert W. Kaps

Stephen Kniffen

Kenneth J. Kovack

Roger D. Lee

Nickolas Macchiarella

Gary Northam

Sherry Parshley

C. Daniel Prather

William Rantz

Bruce A. Rothwell

José R. Ruiz

Michaela Schaaf

Marian Schultz

Mark Sherman

Guy M. Smith

Alan Stolzer

Michael E. Thorn

Brison Torbert

Dale R. Wilson

United Parcel Service

Air Force Research Laboratory

Ohio University

Embry-Riddle Aeronautical University

Embry-Riddle Aeronautical University

Embry-Riddle Aeronautical University

Middle Georgia College

Embry-Riddle Aeronautical University

Belhaven College

Georgia State University

Purdue University

Embry-Riddle Aeronautical University

Prairie View A & M University

Southern Illinois University

Embry-Riddle Aeronautical University

Embry-Riddle Aeronautical University/ University of Maryland

Salt Lake City Community College

Embry-Riddle Aeronautical University

Embry-Riddle Aeronautical University

Embry-Riddle Aeronautical University

Middle Tennessee State University

Western Michigan University

Embry-Riddle Aeronautical University

Southern Illinois University

University of Nebraska

University of West Florida

University of Central Missouri

Embry-Riddle Aeronautical University

Parks College of Engineering & Aviation- St. Louis University

Globalink Consulting

Embry-Riddle Aeronautical University

Central Washington University

**Graphics Design:** Browning Press, DeBary, FL

Published three times annually (Fall, Winter, Spring) at Embry-Riddle Aeronautical University,  
600 S. Clyde Morris Blvd., Daytona Beach, FL 32114-3900



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

Spring 2007  
Volume 16, Number 3

**TABLE OF CONTENTS**

<i>The Editor's Forum</i>	
William A. Kohlruss .....	7
Forum:	
<i>ERAU: CRM Vectors 2007</i>	
Ted Beneigh .....	9
Forum:	
<i>CRM is Dead</i>	
Cass Howell .....	13
Forum:	
<i>Crew Resource Management is Still Flourishing in a Changing Aviation Environment</i>	
Leslie Gibson .....	15
<i>Student Enthusiasm For Part 135-Based Simulations</i>	
Jon McDermott. ....	19
<i>The Affects of Pedagogical Paradigms on Aviation Students with Hazardous Attitudes</i>	
Michael Wetmore, Chien-tsung Lu, and William Caldwell. ....	25
<i>Air Cargo Security- The Cost of Doing Business in the 21<sup>st</sup> Century</i>	
Kathleen Sweet . ....	37

## EDITORIAL FOCUS

*The Journal of Aviation/Aerospace Education and 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. Although the basic focus is toward colleges and universities, manuscripts concerning secondary and elementary education are encouraged.

The Journal is interested in a wide range of scholarly submissions concerning aviation/aerospace curriculum development and/or innovative methods of instruction (for any/all levels of education), significant research relating to aviation/aerospace education, to industry research, and to industry and education partnerships. The Journal welcomes submissions reflecting the latest industry and academic thought concerning current issues of interest to JAAER readers, and is interested in well-researched and documented stories concerning aviation history, both in the past and in the making.

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. From time to time a non-refereed article 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.

- JAAER does not accept multiple submissions. (If pending acceptance elsewhere do not submit to us.)
- Submit five copies of the manuscript using standard, white, bond paper.
- Double space the text. Use wide margins (1.5"-2") on both sides and top and bottom.
- Do number the pages

**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.*

**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 JAAER requires a full 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 questions about submitting an article or subscribing to the Journal, please call (386) 226-6855 or visit our website at: [http://www.erau.edu/research/jaaer/home\\_page.html](http://www.erau.edu/research/jaaer/home_page.html)