

Journal of Aviation/Aerospace Education & Research

Volume 16 Number 1 *JAAER Fall 2006*

Article 4

Fall 2006

Front Matter

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

Scholarly Commons Citation

(2006). Front Matter. *Journal of Aviation/Aerospace Education & Research, 16*(1). Retrieved from https://commons.erau.edu/jaaer/vol16/iss1/4

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.



FORUM The Editor's Forum	
Organizational Acculturation at JetBlue Airways through Values-Framed Instructional Design	
PAPERS Selecting Projects for a Capstone Spacecraft Design Course from Real-World Solicitations	
A Profile of Charter Operations: A Survey Of On-Demand Air Carriers41	
Models of Aviation Technical Communication With Augmented Reality	



THE JOURNAL OF AVIATION/AEROSPACE EDUCATION & RESEARCH

JOURNAL

OF

AVIATION/AEROSPACE

EDUCATION AND RESEARCH

Volume 16 Number 1

The Journal of Aviation/Aerospace Education and Research (JAAER)
Fall 2006, Volume 16, Number 1
Copyright © 2006 Embry-Riddle Aeronautical University
1st Printing SEPTEMBER 2006

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 113A
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. Kohlruss, Editor

Deborah L. Burke, Assistant Editor

Tim Brady, Embry-Riddle Aeronautical University

Thomas Connolly, Embry-Riddle Aeronautical University

James Schultz, Embry-Riddle Aeronautical University

Editorial Board

Brent D. Bowen

University of Nebraska

Chuck Moren

Embry-Riddle Aeronautical University

Thomas Q. Carney Gerald N. Cook

Purdue University Spirit Airlines '

David A. NewMyer Marvin Smith

Southern Illinois University

Embry-Riddle Aeronautical University Instructional Research and

Gerald Fairbairn

Daniel Webster College

Ross Telfer

Development Pty, LTD.

Jackie Luedtke

Embry-Riddle Aeronautical University

Phillip S. Woodruff

Federal Aviation Administration

Headquarters

Additional Reviewers

Greg Aaron Dee Andrews Deak Arch

United Parcel Service

Air Force Research Laboratory

Ohio University

Shawn Arena Alan Bender Joe Clark

Embry-Riddle Aeronautical University Embry-Riddle Aeronautical University Embry-Riddle Aeronautical University Embry-Riddle Aeronautical University

Eddie L. Diehl **Adrian Doss** Atef Ghobrial

Belhaven College Georgia State University **Purdue University**

Thomas Hagovsky Mark Hewitt

Embry-Riddle Aeronautical University

Philip Ikomi Robert W. Kaps Prairie View A & M University Southern Illinois University

Stephen Kniffen

Embry-Riddle Aeronautical University

Kenneth J. Kovack

Embry-Riddle Aeronautical University/ University of Maryland

Roger D. Lee Nickolas Macchiarella

Salt Lake City Community College **Embry-Riddle Aeronautical University** Embry-Riddle Aeronautical University Embry-Riddle Aeronautical University

Gary Northam Sherry Parshley C. Daniel Prather

Middle Tennessee State University Western Michigan University

William Rantz Bruce A. Rothwell

Embry-Riddle Aeronautical University

José R. Ruiz Michaela Schaaf Marian Schultz

Southern Illinois University University of Nebraska University of West Florida Central Missouri State University

Mark Sherman Guy M. Smith

Embry-Riddle Aeronautical University

Alan Stolzer

Parks College of Engineering & Aviation- St. Louis University

Michael E. Thorn

Globalink Consulting Embry-Riddle Aeronautical University

Brison Torbert Dale R. Wilson

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

JAAER, Fall 2006

THE JOURNAL OF AVIATION/AEROSPACE EDUCATION AND RESEARCH

Fall 2006 Volume 16, Number 1

TABLE OF CONTENTS

The Editor's Forum	or's Forum	
William A. Kohlruss	7	
Forum:		
Organizational Acculturation at JetBlue		
Airways through Values-Frames Instructional		
Design		
Antonio Cortés	9	
Selecting Projects for a Capstone Spacecraft		
Design Course from Real World Solicitations		
David B. Spencer, Robert G. Melton, & Silvio G. Chianese	27	
A Profile of Charter Operations: A Survey of		
On-Demand Carriers		
Robert W. Kaps and David A. NewMyer.	1 1	
Models of Aviation Technical Communication		
with Augmented Reality		
Anthony Majoros, Dennis Vincenzi, Sathya Gangadharan, & Paul Jackson	57	

JAAER, Spring 2006 Page 5

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

<u>Preparation of Manuscripts</u> 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

<u>Title</u> 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.

<u>Documentation</u> Manuscripts are to conform to APA reference documentation. *Text reference citations and reference list entries must be identical.*

<u>Autobiography</u> 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.

<u>Publication Policy</u> 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

JAAER, Fall 2006