

Editorial

Welcome to the second issue of Volume 3 of the *Journal of Aviation Technology and Engineering* (JATE). On behalf of the JATE Associate Editors and members of the Editorial Board, we are proud to report that the journal continues to expand significantly in terms of both content and readership. In the past year, readers from the United States and 117 additional countries downloaded full-text articles 14,447 times. As we begin our fourth year of publication, we believe that this is definitive evidence that JATE's open access format is truly facilitating progress in our efforts to become a preeminent international scholarly publication.

Volume 3, Issue 2 contains six scholarly research articles providing a wealth of information, addressing topics such as the role of management practices in commercial airline safety, stress in collegiate flight training, memory capacity as it relates to air traffic control, pilot decision-making, the role of cellular phone and radar forensic methods in aircraft accident search operations, and perceptions of safety culture in collegiate aviation.

Leading off this issue is "Crew Resource Management Applications in Commercial Aviation" by Frank Wagener and David Ison of Embry-Riddle Aeronautical University. Their study builds on previous research that examines whether or not there is a statistically significant relationship between airline management practices and Crew Resource Management-related causes of accidents and incidents. Next, Purdue University's Jennifer Kirschner, John Young, and Richard Fanjoy report outcomes of a test of perceived stress and coping skills inventory of both first-year and junior/senior students.

Embry-Riddle Aeronautical University's Randall Triplett, Joseph Jaworski, and Kelly Neville study memory capacity and related strategies of expert air traffic controllers. Differences between radar and nonradar conditions are discussed. An article concerning the use of an airframe parachute in flight training follows and is co-authored by Scott Winter of the Florida Institute of Technology and Purdue University's Richard Fanjoy, Chien-tsung Lu, Thomas Carney, and James Greenan. This qualitative analysis studies the pilot decision-making process with regard to aircraft parachute deployment in a simulated flight environment.

Ryan Wallace of Embry-Riddle Aeronautical University evaluates the impact of alternative search methods as opposed to traditional Emergency Locator Transmitters to locate aircrews following an aircraft accident in "Effect of Cellular Phone and Radar Forensics on Search and Rescue Duration for General Aviation Aircraft Accidents in the Contiguous United States." The issue concludes with a study of perception of safety culture at the collegiate level as part of safety management system implementation. This research was conducted by Daniel Adjekum of the University of North Dakota.

Aviation professionals are continuously sought to serve as reviewers for articles submitted to the JATE. Please contact us if you wish to apply. Additionally, if you would like to receive custom JATE e-mail notices or enable the *Journal of Aviation Technology and Engineering* RSS feed, please visit <http://docs.lib.purdue.edu/jate/>.

Finally, we would like to express our gratitude to the James and Sherry Raisbeck Foundation for their sponsorship of the *Journal of Aviation Technology and Engineering*. Thank you for your readership.

Best regards,

John H. Mott, Executive Editor

Mary M. Fink, Managing Editor

Journal of Aviation Technology and Engineering