

# Editorial

Welcome to Volume 8, Issue 2 of the *Journal of Aviation Technology and Engineering* (JATE). As the new executive editor, I would like to welcome you to JATE and take this opportunity briefly to introduce myself. My background is in industrial engineering. I have aerospace and aviation experience in private industry, research, and academia. My research interests include data-driven research and analysis to improve aviation safety and sustainability. I currently serve as professor in the School of Aviation and Transportation Technology at Purdue University.

This issue of JATE contains four articles that have been accepted for publication following a double-blind peer review process.

We begin the issue with “General Aviation Hypoxia and Reporting Statistics.” This article, authored by a team of researchers from Embry-Riddle Aeronautical University, addresses the lack of requirements for general aviation pilots to receive hypoxia awareness training. Additionally, reporting instances of hypoxia currently is not required of general aviation pilots. This lack of data also is addressed by the authors.

Next is the second installment in a two-part series, “Collaborative Product-Service Approach to Aviation Maintenance, Repair, and Overhaul.” Here, researchers from the Department of Mechanical Engineering at McGill University focus on numerical investigations, presenting a model that assesses potential financial stakeholder benefits.

A team of researchers from Embry-Riddle Aeronautical University, Kansas State University Applied Aviation Research Center, and Oklahoma State University collaborate in “Evaluating Small UAS Operations and National Airspace System Interference Using AeroScope.” This study evaluated small UAS operator behavior to gauge possible interference with operations. Potential threats to airspace safety are explored.

JATE 8:2 concludes with an international research collaboration by researchers from the University of West London and Embry-Riddle Aeronautical University, “Pilot Study: Measuring Attitudes Toward Ramp Resource Management—The Influence of National Culture.” A survey measuring the influence of national culture and attitudes toward ramp resource management was conducted. Results are presented as well as recommendations for further research.

The *Journal of Aviation Technology and Engineering* continuously seeks professionals willing to share their expertise by serving as reviewers. Additionally, if you wish to receive custom e-mail notices, enable the JATE RSS feed, or submit an article for publication consideration, please visit <http://docs.lib.purdue.edu/jate/>.

We sincerely thank you for your readership.

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