Editorial

On behalf of the editors, welcome to the second issue of the inaugural volume of the Journal of Aviation Technology and Engineering (JATE). Issue two contains a collection of five diverse articles which fully embody the multidisciplinary mission of the journal.

Leading off this issue is a collaborative effort between university and industry. Sergey Dubikovsky of Purdue University and Trane Commercial Systems Group Engineer Jeffery Kestin explore the importance of utilizing engineering project management training curriculum at the university level.

Next, NetJets Captain Michael McFadden teams with David Worrells of Embry-Riddle Aeronautical University to examine various scenarios appropriate for utilization in connection with the global outsourcing of heavy aircraft maintenance. McFadden and Worrells reveal that the decision to outsource is based on more than just labor costs.

With respect to the environment, an interdepartmental team of researchers from Lewis University tests levels of fuel emissions from three popular aircraft engines by calculating the time required for the engine to burn lead-free Swift fuel before all traces of lead are removed. Lewis Chemistry Department researchers are Jason Keleher and undergraduate student Alessandro Massa; Aviation and Transportation Studies researchers include Randal DeMik and graduate students Natalie Kasak, Julius Keller and Jordan Raess.

A team of Purdue University researchers follows with a study examining the effects of variations of signage on Chinese and American travelers' ability to move through a US airport terminal. The ability of transit "wayfinding" and preferences regarding the use of symbols, English text, and a combination thereof are investigated by graduate student Steve Leib and faculty members Brian Dillman, Donald Petrin, and John Young.

Finally, Purdue University graduate student Andrew Franza and faculty member Richard Fanjoy analyze accident data from Piper PA 28 and Cirrus SR20 aircraft in an effort to better define risk factors. The authors intend that information gathered by identifying probable causes and contributing factors of these accidents will aid in the development of enhanced training materials.

It is our sincere hope that you enjoy the breadth and the quality of articles contained in this issue, as well as the user-friendliness that the open-access format of the JATE continues to provide. Thank you for your readership. Your feedback is always welcome and encouraged.

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DOI: 10.5703/1288284314657