

Fall 2011

## Editor's Forum

William Kohlruss

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**EDITOR'S FORUM**

Welcome to the fall edition of the *Journal of Aviation/Aerospace Education and Research*. As we begin another academic year, I am always amazed at how we have managed to recharge ourselves to educate the highly intelligent and very energetic youth that come to gain our wisdom. I am also excited to work with these students as I know I will learn a great deal from them as well.

Last spring I had such an opportunity as I had an honors student, Ms. Kelsie O'Bryan, in my crew resource management class. She approached me with two ideas to gain honors credit in my class and the result of one of those ideas I have chosen to share with you. In our forum section for this fall, Ms. O'Bryan provides us with her look at how Freudian psychology affects human performance as pilots on the flight deck. With Freud's theory of three agents (the id, ego, and super ego) controlling a person's personality, it is inevitable there will be conflict on the flight deck. Sometime the conflict is internal within one's self and other times the conflict is with others. Regardless, the outcomes must be resolved to achieve safe flight. I feel Ms. O'Bryan's paper will enlighten our readers as to this internal struggle and how it affects human's outward actions.

The refereed section of the *Journal of Aviation/Aerospace Education and Research* has three excellent papers. John M. Lanicci, in his paper "Beyond the Classroom: Applying a Business Process Model of Weather Forecasting to Aviation Meteorology", you will see how the application of a Business Process between forecasters and users is useful as a model for weather forecasting in the classroom to educate students.

Next we have a submission from Mr. Benjamin J. Goodheart with his paper "Tracing the History of the Ornithopter: Past, Present, and Future." Perhaps this type of aircraft was not only the first human dream of achieving flight but may be a new wave of the future. Enjoy Mr. Goodheart's contribution to our discipline.

Lastly, we have a contribution that I know you will all find useful. As researchers it is often necessary to conduct surveys to gather data. In this manuscript, entitled "Development and Validation of an Aviation Research Survey", author Mr. David C. Ison presents not only methods to develop an aviation survey but to validate the survey as well. It is work like this that will help us become better at what we do. With better research tools, we become more confident in our findings.

Fly Safe.

William Kohlruss

Editor

