

Bruce E. Heath
Instructor
Telephone: 334 -727-8768
email: heathb@mytu.tuskegee.edu

EDUCATION

M.S., 2007 Mechanical Engineering Tuskegee University, Tuskegee, Alabama
“An Evaluation of Training Interventions and Computed Scoring Techniques for Grading a Level Turn Task and a Straight in Landing Approach on a PC-Based Flight Simulator”,
2007

B.S., 1997 Airway Science University of Maryland, Eastern Shore, Princess Anne, MD

B.S., 1992 Aerospace Science Engineering Tuskegee University, Tuskegee, Alabama

ACADEMIC APPOINTMENTS

2007 – Current, Tuskegee University, Tuskegee, Alabama
Instructor, Department of Aerospace Science Engineering, College of Engineering and Physical Sciences

MEMBERSHIP

Member, American Institute of Aeronautics and Astronautics (AIAA)
Member, National Association of Rocketry (NAR)

PRESENT RESPONSIBILITIES

I currently teach undergraduate courses in Introduction to Aerospace Science Engineering, Computer Aided Design, and Flight Mechanics.

PAPERS

Thesis: An Evaluation of Training Interventions and Computed Scoring Techniques for Grading a Level Turn Task and a Straight in Landing Approach on a PC-Based Flight Simulator (2007)

An Experimental Study of the Effect of Out-of-the-Window Cues on Training Novice Pilots on a Flight Simulator; Khan, M.J., Rossi, M., Heath, B., Ali, S.F., Ward, M.
50th HFES Conference, San Francisco, (October 2006)

Correlating Automated and Flight Instructor Assessments of a Straight-In Landing Approaches by Novice Pilots on a Flight Simulator; Heath, B., Khan, M. J., Rossi, M., Ali, S. F. Huntsville Simulation Conference (2005)

Effects of Self-Instructional Methods and Above Real Time Training (ARTT) for Maneuvering Tasks on a Flight Simulator; Ali, S., Khan, M.J.,

Rossi, M., Crane, P., Heath, B., Knighten, T., Culpepper, C. Huntsville Simulation Conference (2003)

Comparison of Different Grading Methods for a Level Turn Task on a Flight Simulator; Heath, B, Crier. T. (2003). NASA FAR Conference Atlanta, GA. Sept. 27 2003; Huntsville Simulation Conference (2003)