



Troy Booker

PSAM12 Speaker Bio

Student, Western Michigan University

Short Statement: Troy is a Co-Author and Co-Presenter on the research of Effects of Light Alertness Models in support of Fatigue Risk Management Systems.

BIOGRAPHY

Troy Booker is an Aviation Management and Operations student at Western Michigan University, College of Aviation. Troy is a Research Assistant to Professor Brown, looking at the effect of light on flight crew alertness. In addition, Troy serves on the Western Michigan University, Aviation Student Council and is pursuing a career in Airline Management. He is the recipient of the 2013 undergraduate research excellence award to allow high risk youth to engage in aviation.





Lori J. Brown
PSAM12 Speaker Bio

Effects of Light on Alertness Models in Support of Fatigue Risk Management Systems

Short Statement: first author, and speaker for the authors.

BIOGRAPHY

Lori Brown has been affiliated with aerospace, since 1986, and is passionate about aviation education. She is an Associate Professor and Researcher at Western Michigan University (WMU), College of Aviation. She has a background in inflight operations and is an airline transport pilot. She has instructed pilot cadets for British Airways, UAE and KLM, in the classroom and 737-400 Simulator, as well as government agencies.

She serves as the WMU affiliate Principal Investigator for Weather Technology in the Cockpit PEGASAS projects- the FAA's Partnership to Enhance General Aviation Safety, Accessibility and Sustainability; is a member of the ICAO Next Generation of Aviation Professionals (NGAP) taskforce; and is an Aviation Evaluator for America's Council on Education (ACE) for the Navy, Marines, Coast Guard, Air Force, and Army. Her contributions to the aviation community have been featured internationally over the past 10 ten years, in numerous conference proceedings, publications and book chapters.

