Submitting to: *The 6th Triennial International Aircraft Fire and Cabin Safety Research Conference*
Topic: *Systems Safety Fire/Fires in Nonpressurized areas*

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John M. Davis Biography

John earned his bachelor's and master's degrees in Aerospace Engineering from the University of Cincinnati and currently works as a Research Engineer for Engineering and Scientific Innovations, Inc. conducting fundamental and applied research in experimental fluids, heat transfer, and combustion. John has successfully planned, conducted and reported on several programs for the USAF ranging from fire suppression science in aircraft engine nacelles to hydrodynamic ram in aircraft fuel tanks. Recently, John led a program in which a low-cost, light-weight, modular, passive fire suppression system for aircraft dry bays was successfully developed and demonstrated to detect, react, and extinguish large and small fires within 5 seconds of ignition.