ROBERT MORRISON

Robert Morrison has worked in the Fire Safety Branch at the William J. Hughes Technical Center since 1999. He has supported and conducted various aircraft fire safety R&D projects over this 14 year period of time. Currently, he is responsible for a project to adapt a versatile hand-held extinguisher to utilize any available EPA-approved halon replacement agent to optimally satisfy the requirements for a hand-held extinguisher in commercial aviation. In addition, he is also working on evaluating the effectiveness of FAA certification criteria to prevent flight deck smoke build-up during an in-flight fire. He also fulfills roles of maintaining and supporting all project work on the Fire Safety Branch's Boeing 727, 737, and 747SP aircraft. In the past he was a recognized member of a small team that developed a cost-effective On-Board Inert Gas Generation System (OBIGGS), enabling the FAA to issue a major regulation in 2008 requiring "flammability reduction" measures in vulnerable heated center wing tanks. Mr. Morrison has 12 years of experience as an Aviation Maintenance Mechanic in the US Air Force, with 8 years of that being a Crash Recovery Team Chief and Shop Supervisor. He has held an FAA Airframe & Powerplant license since 1990 and graduated with a BS degree in Computer and Information Science from the Richard Stockton College in 1996.