

Steven Summer works at the FAA Technical Center's Fire Safety Branch as a project engineer in charge of their fuel tank flammability program in support of aircraft fuel tank protection R&D efforts. He is the author of several technical reports dealing with fuel tank flammability and has presented his research findings at numerous international conferences including those of the International Aircraft Systems Fire Protection (IASFP) Working Group. He and other members of the Fuel Tank Protection team at the FAA Technical Center were awarded a Team Achievement Award and Award for Achievement in Safety by the FAA for their R&D efforts in fuel tank protection. He is a graduate of Rutgers University where he obtained his BS and MS in Mechanical Engineering. He attended the graduate school under a fellowship grant from the FAA where he performed research to determine several key flammability characteristics of JP-8/Jet A fuel in an effort to further the knowledge base of aircraft fuel tank flammability. In his present work, he is researching the hazards associated with composite based fuel tanks, hidden fire scenarios and lithium-ion based aircraft batteries.