

Steven M. Summer

Steven Summer works at the FAA Technical Center's Fire Safety Branch with over 16 years' experience as a Fire Safety Research Engineer. He is the author of numerous technical reports dealing with fuel tank flammability, lithium-ion battery hazards, hydrogen fuel cell technology and powerplants fire testing. He has presented his research findings at numerous international conferences including those of the International Aircraft Systems Fire Protection (IASFP) Working Group. His work currently is focused on development of the FAA Next Generation Fire Test Burner for powerplants components testing as well as lithium battery and hydrogen fuel cell testing. 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 Federal Aviation Administration, performing research to determine several key flammability characteristics of JP-8 fuel in an effort to further the knowledge base of aircraft fuel tank flammability.