

Matthew Karp is a research engineer at the Federal Aviation Administration (FAA) Technical Center. He graduated with a Bachelor of Science in Mechanical Engineering in 2014. He then began a graduate fellowship with the FAA and Rutgers University and received his Master of Science in Mechanical Engineering in 2016. For his thesis, he studied the flammability of lithium-ion vent gas and the inerting effects of Halon 1301. He now continues to work at the FAA in the Fire Safety branch researching the hazard associated with lithium batteries that undergo thermal runaway, characterizing smo