

Doug Ferguson is a Boeing Associate Technical Fellow with expertise in Cargo Fire Protection and Environmental Control Systems. Mr. Ferguson is a member of the Boeing Working Group addressing issues related to the carriage of lithium batteries as cargo. He is a co-chair of the SAE G27 committee, tasked with developing a performance based package standard for the safe transport of lithium cells and batteries by air.

Mr. Ferguson assisted in the investigations of 3 aircraft accidents involving lithium batteries as cargo and led a research and test project to better characterize and understand the threats posed to the aircraft when lithium batteries are involved in a cargo fire. He has provided assistance to the FAA in setting up aircraft conditions for full-scale fire testing and supported the CAST SE-126 efforts to identify potential mitigation measures for more safely carrying dangerous goods. Mr. Ferguson has been supporting International Civil Aviation Organization (ICAO) Panels addressing lithium battery concerns since his initial involvement with the Multi-Disciplinary meetings focused on mitigation strategies for carrying these items. He co-authored the International Coordinating Council of Aerospace Industries Associations (ICCAIA) Working Paper presented to the ICAO 2015 Spring Dangerous Goods Panel recommending lithium ion batteries not be carried on passenger aircraft until safer packaging standards are developed and implemented. He is currently the Dangerous Goods Panel member nominated by ICCAIA and is a member of the US Department of Transportation Lithium Battery Air Safety Advisory Committee.