

Thomas Maloney

Thomas Maloney graduated with a Bachelor's of Science degree in mechanical and aerospace engineering in 2010 and with his Masters of Science degree in 2012. While working on his M.S. degree he studied fuel icing at the FAA technical center and used the topic as his thesis. Another topic that was a part of his research as a graduate student was the study of flow field phenomena with use of tools such as PIV and Schlieren imaging. He now continues to work at the FAA technical center in the fire safety research group where his primary studies involve lithium metal and lithium ion battery fires. The lithium battery studies he has been involved with to date includes testing related to lithium battery extinguishment, lithium battery packaging, lithium battery vent gases, various lithium battery chemistries and sizes, and personal electronic devices containing lithium batteries.