

FK-5-1-12 Fire Extinction Behavior Below Room Temperature in a Forced Flow

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A short test project occurred April-March 2011 in the FAA Technical Center nacelle fire simulator (NFS). The project investigated the fire extinguishment performance of FK-5-1-12 for a given injection configuration into a forced ventilation flow for a set of conditions that included fire extinguishing agent, ventilation stream, and structural boundary temperatures which were below “room” temperatures. This presentation provides pertinent background, data, and observations for these tests.