

SAE A22 Committee Update

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This presentation will brief the aircraft fire safety community on the current state of AS6826 Powerplant Fire Test Standard being developed by the SAE A-22 Fire Protection and Flammability Testing Committee. The A-22 was chartered by the FAA in 2018 to develop SAE standards or recommended practices to address the FAA Tasking Request pertaining to updating AC20-135. The SAE AS6826 Powerplant Fire Test Standard provides the applicant with fire test methodologies and pass / fail criteria that have been found to be acceptable means of compliance by the certification authorities to meet the applicable propulsion system component and powerplant installation fire protection requirements. In addition, as there are various guidelines for fire testing which have led to wide variations in fire test approaches and test pass/fail criteria, this document provides more prescriptive test methodologies and test pass/fail criteria standards for fire testing of various propulsion system components and powerplant installations.