

The Development of Revised Testing Procedures for Cargo Compartment Design Features

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Certifying cargo compartment systems and repairs to the burn resistance requirements of 14CFR 25.855(c) [cargo oil burner] is non-standardized and complex. With Standardization being a recent recurring theme, Industry and the FAA agreed to collaborate on a series of standard test configurations and substantiation methods of Compliance (MOCs) that could then be released as a FAA Advisory Circular (AC). This topic had its genesis in the recent ARAC committee, but then was recognized that the guidance had applicability to existing and future FAA rules. The FAA IAMFTWG then launched a task group in 2012 with a charge to develop AC guidance material and submit to the FAA in 2013. This proposed AC is intended to standardize, introduce similarities and substantially reduce testing costs.