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Presentation Title:

Halon Replacement Tests for Aircraft Lavatory Trash Receptacle Extinguishers.

Abstract:

The lavatory trash receptacle automatic fire extinguishing (Lavex) bottle is the first conformed, non-halon agent/bottle assembly to undergo testing to show equivalent level of safety to Halon 1301 for use on Boeing aircraft.

Personnel from the FAA Technical Center, Boeing and Lavex bottle suppliers participated in a week long series of qualification tests using the test protocol published in the *Minimum Performance Standard for Lavatory Trash Receptacle Automatic Fire Extinguishers* (MPS).

This report explains the test preparation, test results and findings from the recent MPS tests as well as a brief explanation of the follow-on testing that Boeing performs before any halon replacement Lavex bottles are authorized for use on its airplanes.