

**John Reinhardt**  
**FAA**  
**Abstract**

**The Evaluation of a Class 1 High-Pressure Water Mist System as an Aircraft Cargo Compartment Fire Suppression System**

The WJH FAA Technical Center Fire Safety Section evaluated a class 1 high-pressure water mist system as specified in the "Minimum Performance Standard for Aircraft Cargo Compartment Gaseous Fire Suppression Systems." This testing program was conducted based on the recommendations of the International Halon Replacement Working Group. This presentation will show the results of this evaluation-testing program that will include system description and configuration, control logic, system suppression performance, and resource consumption.