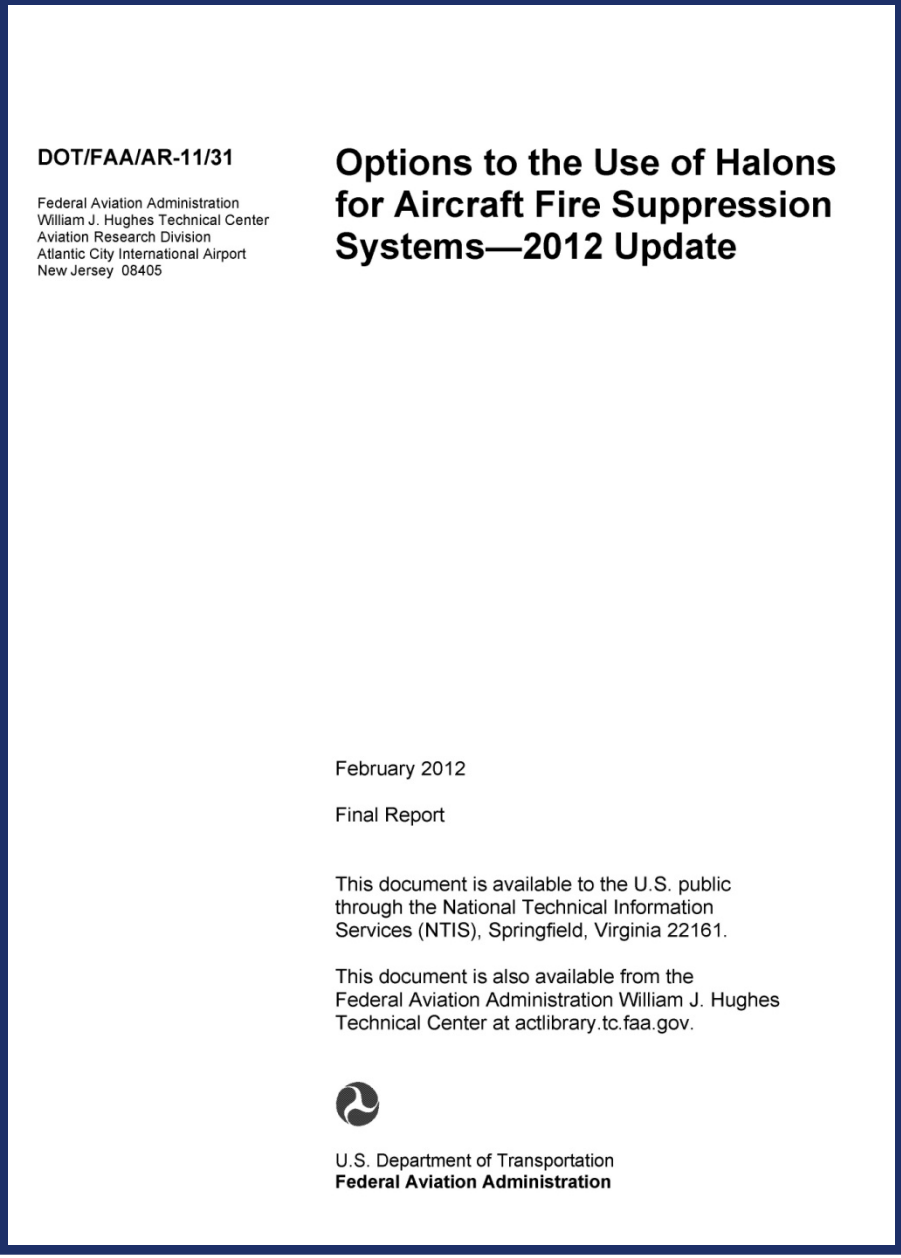
Halon Options Report Update

Federal Aviation Administration

Presented to: International Aircraft Systems Fire Protection Working Group. Koeln, Germany

By: Dave Blake for Louise Speitel

Date: May 23-24, 2012



DOT/FAA/AR-11/31

Federal Aviation Administration
William J. Hughes Technical Center
Aviation Research Division
Atlantic City International Airport
New Jersey 08405

Options to the Use of Halons for Aircraft Fire Suppression Systems—2012 Update

February 2012

Final Report

This document is available to the U.S. public through the National Technical Information Services (NTIS), Springfield, Virginia 22161.

This document is also available from the Federal Aviation Administration William J. Hughes Technical Center at actlibrary.tc.faa.gov.

U.S. Department of Transportation
Federal Aviation Administration

www.fire.tc.faa.gov

ACKNOWLEDGEMENTS

The Halon Options Task Group would like to thank the section leads and those who provided significant contributions to this report update.

Section	Subsection	Lead	Assists
1. Introduction		Louise Speitel	Bella Maranion Tom Cortina
2. Halocarbon Replacements		Tom Cortina Bella Maranion	Bradford Colton Mark Robin Joe Senecal Louise Speitel
3. Alternative Technologies		Bradford Colton	Sham Hariram Bill Chamblin Adam Chattaway Jennifer McCormick
4. Applicability of Technologies to Aircraft Applications	4.2 Engine and APU Compartment	Katie Masiello Stephane Pugliese	Thomas Gehring Sham Hariram Douglas Ingerson Jennifer McCormick Tony Parker Len Seebaluck
	4.3 Hand-Held Extinguishers	Bradford Colton Doug Ferguson	Adam Chattaway Tom Cortina Chris Dieter Jim Lonergan Mike Madden Mark Robin Louise Speitel Ian Steel Ed Tokarsky
	4.4 Cargo Compartments	Oliver Meier	Rainer Beuermann Adam Chattaway
	4.5 Lavatory Trash Receptacle	Mike Madden	Antonio Chiesa Sidney de Brito Teixeira Timothy Marker Ian Steel Ed Tokarsky
Appendix A		April Horner	Bradford Colton