



Halon Options Report – Chapter 4.5, Lavatory Trash Receptacle

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Mike Madden

Objective

Provide an opportunity for the Halon Options Working Group to review the changes.

Credits

Special thanks to:

- **Antonio Chiesa - Bombardier**
- **Tim Marker - FAA**
- **Ian Steel – Fire Fighting Enterprises**
- **Sidney de Brito Teixeira - Embraer**
- **Ed Tokarsky – DuPont Fluoroproducts**

Summary of changes

- **Minor corrections to 'Background' information.**
- **Added new sections to status each airframe manufacturer**

4.5.4 Airbus Status

In 2005, Airbus replaced all Halon 1301 automatic fire extinguishers used in production lavatory trash receptacles with HFC-236fa (FE-36). The FE-36 automatic fire extinguishers were also made available as a drop-in replacement for in-service airplanes.

4.5.5 Boeing Commercial Airplane Status

In 2006, Boeing replaced all Halon 1301 automatic fire extinguishers used in production lavatory trash receptacles with HFC-227ea (FM-200). Boeing is currently working with the FAA to gain approval to allow the use of FM-200 automatic fire extinguishers for all models of in-service airplanes.

4.5.6 Bombardier Aerospace Status

Bombardier is at the initial stages of replacing the Halon automatic fire extinguishers in the lavatory trash receptacles for production aircraft. The CSeries (not yet in production) will not have Halon automatic fire extinguishers in its lavatory trash receptacles.

4.5.7 Embraer Status

Embraer is conducting a final analysis for lavatory trash receptacle extinguishing agent selection, and a solution will be available for implementation by 2011 for series programs including the Embraer Jets.

Questions?

Contact:

Mike Madden

The Boeing Company

Mike.r.madden@boeing.com

425-342-2517