

**Halon Replacement  
Aviation Rulemaking  
Committee**

Final Report  
Findings &  
Recommendations  
**July, 2014**

# **Charter:**

**The Halon ARC Charter was signed on July 2, 2013 by FAA Administrator Michael Huerta. The ARC was jointly sponsored by the Deputy Associate Administrator of Aviation Safety, and the Deputy Assistant Administrator of Aviation Policy, International Affairs, and the Environment. The ARC was provided a duration of 12 months to investigate, prioritize, and provide recommendations to the Co-Chairs.**

## **Objectives:**

**As outlined in the Charter, the ARC is expected to make recommendations on how best to affect the orderly and safe transition of halon as the primary fire suppression agent in civil aviation. These recommendations should be focused on 5 main objectives;**

- 1. Recommendations for an industry-government framework and a top-level plan for Halon replacement activities,**
- 2. Recommendation on the organizational structure, scope, and specific work program of this industry-government framework and plan,**
- 3. Proposals for Halon replacement timelines based on existing international standards,**
- 4. Proposals for assuring the safety of Halon reserves through non-regulatory or regulatory mechanisms,**
- 5. Specific implementation plans, in which Halon is used, for each of the four major aircraft application areas: Lavatory Bottles, Hand-Held Extinguishers, Engine/ APU Nacelles, and Cargo.**

# **Tasks:**

**The ARC Charter outlines the Committee Tasks As Follows:**

**Task 1: International Standards (through ICAO Annexes 6 and 8).**

**Task 2: Status of Alternative Agents for each individual capacity in which Halon is currently used in civil aircraft.**

**Task 3: Status of Existing Halon Reserves.**

**Task 4: Recycling of existing Halon Reserves.**

**Task 5: Feasible Timelines for widespread implementation in each capacity in which Halon is used.**

**Task 6: Airworthiness approval issues related to alternative agents.**

**Task 7: Environmental issues related to alternative agents.**

**Task 8- Economic Issues related to Halon Replacement.**

**Task 9- Production Issues related to Halon Replacement.**

**Task 10- International Issues with Halon Replacement.**