



Cargo Compartment Halon Replacement Working Group (CCHRWG) Update

19 May, 2016

*International Aircraft Systems Fire Protection Working Group Meeting
Toulouse, France*

By

***Robin Bennett (Boeing, AIA), CCHRWG Chair
Rolf Greiner (Airbus, ASD), CCHRWG Co-Chair***



CCHRWG Terms of Reference

Commit Industry to Broad Stakeholder Approach

Task:

ICCAIA shall establish a working group tasked to work on Halon Replacement issues for Cargo compartments.

Under the ICCAIA-AC authority, the working group shall establish and coordinate a process to:

- Develop an industry recommendation to ICAO for a cargo compartment halon replacement deadline for new design (new aircraft types) taking into account progress towards identification of an alternative agent and/or approach to fire suppression in cargo compartments, including the state of research (available agent, viability), supply chain readiness, testing, qualification, and certification.
- To enable this deliverable, the work group will encourage/support timely research, testing and approval of a halon alternative for cargo compartments, in coordination with the relevant industry and governmental/certification entities, including:
 - Inviting non-member industry associations to participate as appropriate.
 - Facilitating the exchange of non-proprietary research data.
 - Collecting information and reporting to the ICCAIA-AC.
 - Continuing dialogue with government/certification entities.



CCHRWG continues forward with commitment

- October 2015 meetings with stakeholders and ICAO furthered the dialogue on the need for halon replacements and the recommended deadline.



International Coordinating Council of Aerospace Industries Associations

PROGRESS ON HALON REPLACEMENT

*with a focus on the
Cargo Compartment Halon Replacement Working Group
(CCHRWG)
Recommendation to ICAO*

26 October, 2015
ICAO ANC Briefing
Montreal

by
Robin Bennett (Boeing, AIA), CCHRWG Chair
Rolf Greiner (Airbus, ASD), CCHRWG Co-Chair



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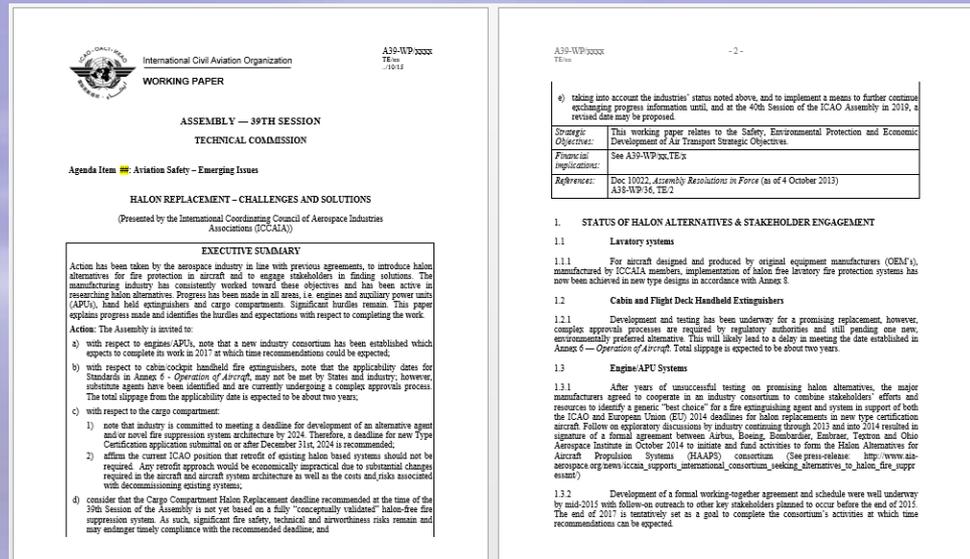
Solid Basis for a Deadline Recommendation

- Recommendation to ICAO is based on industry expectation that a halon replacement system could be available for new aircraft designs in approximately nine years from now.
 - A deadline for new Type Certification application submittal on or after December 31st, 2024 is recommended.
 - ICAO is recommended to periodically review the status of “conceptually validated” candidate systems to ensure the technology readiness level (TRL) is aligned with the industry’s generic development timeline and expectations.
 - At this point in time, the CCHRWG does not expect a single agent system
- If a candidate system has not been planned for laboratory validation by the 40th ICAO General Assembly, the reasons for not adhering to the timeline will be identified.
 - ICCAIA will propose a revised date if the situation warrants.



CCHRWG progressing towards ICAO 39th Assembly

- Working paper submitted
 - Final draft in Dec '15, Final in March '16, Translated May '16 (est)
 - Includes . . .
 - recommendation for cargo compartment halon replacement deadline for new TC applications after 2024, and
 - Status on lavex, handheld and propulsion
- Core team meetings: Ongoing Monthly teleconferences plus 17th May 2016 Face-to-face
 - Prep for General Assembly
 - Conclude follow-on activities
 - Continue sharing halon replacement status
 - Update ToR (if needed)





Questions & Answers



Thank you!

Contact:

Robin Bennett (robin.g.bennett@boeing.com)

Rolf Greiner (ROLF.GREINER@airbus.com)