CCHRAG Status

Cargo Compartment
Halon Replacement Advisory Group

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International Aircraft Systems
Fire Protection Forum

June 13-15, 2023, Cologne

ICCAIA
International Coordinating Council of
Aerospace Industries Associations

CCHRAG - organisational context

Creating ICAO Awareness

CCHRAG issued a Working Paper for the 41st ICAO Assembly in September 2022

- Acknowledge the significant impact of international PFAS (Per- and PolyFluoroAlkyl Substances) regulations on the schedule of Aircraft Halon replacement efforts
- Classify the application of aircraft fire protection as (permanent) essential use to ensure the safe continuation of air transportation using the best available solutions

Working Paper was accepted by ICAO

Ref. A41-WP/96: https://www.icao.int/Meetings/a41/Documents/WP/wp_096_en.pdf

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ICAO Conclusion

A harmonized approach between member States on the classification and restriction of chemicals as essential for the safety of aviation will be critical to ensure that aircraft can continue to safely fly.

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Going beyond CCHRAG
Airframers Proprietary Information Agreement

To optimize development, airframe industry aims for high-level IP sharing for

- ✓ Planning, status and results for
  - performing FAA cargo halon replacement task group MPS tests
  - performing material compatibility testing for alternative agents
  - performing shelf life testing for alternative agents
  - developing new instrumentation to be used in flight testing of new agents
  - generic flight test for demonstrating performance of new agents
- ✓ General guidelines for tubing designs for alternative agents to ensure proper distribution in the compartment
- ✓ Methods for addressing health and safety regarding unintended exposure to maintenance personnel and aircraft occupants
- ✓ Coordination with environmental regulators for approval of alternative agents, such as EPA SNAP and TSCA approvals and European Union ECHA approvals

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Airframers PIA partnering to date

Participants welcome.

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Thank you!

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