

# **Engine/APU Halon Replacement Industry Consortium (IC)**

*December 5, 2013*

*The Seventh Triennial International Fire & Cabin Safety Research Conference  
Philadelphia, PA, USA*

**By**

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# Industry is leading a broad stakeholder approach

The IC will . . .

- Define a common non-halon fire extinguishing solution for use in engine/APU fire zones that...
  - is compliant to basic industry and regulatory requirements
  - meets multiple OEM (airframe, engine, APU, nacelle, etc.) requirements
  - meets multiple governmental agency regulatory requirements;
  - provides a viable business solution for Consortium partners; and
  - is production-ready
- Engage...
  - Primary Stakeholders = Airframer OEMs
  - Members = Firex Agents/System Suppliers, Airlines, engine companies, nacelle suppliers, airworthiness authorities, etc.
  - A focal point, facilitator & fiscal/contracting “Managing Entity” (ME)
    - Boeing activities facilitating IC initiation will be turned over to the ME
- Execute to a plan...
  - Phase I – initial engagement, confirm interest, launch IC, engage ME, business agreements
  - Phase II – develop technical statement of work (requirements, performance validation, down selection criteria, etc.)
  - Phase III – execute activities required to produce the solution

# The IC is progressing as planned

- Phase I
  - Stakeholder engagement growing since July 2013 Kick-off Telecon
    - 4 additional teleconferences have been held to develop high level planning, working methods agreements; telecons to continue every 4 weeks or so
  - Requests for Information sent to ME candidates
    - Responses under evaluation by the IC
    - ME selection late 2013 or early 2014
  - First Face-to-Face Meeting this week (Philadelphia, December 3<sup>rd</sup>)
    - IC-specific issues, information exchange with CCHRWG on common/similar tasks
  - ECD completion by mid-end 2014
  - Continue ongoing stakeholder outreach and engagement
- Phase II & III
  - Dependent on Phase I completion; ECDs are TBD
- 2013 ICAO Assembly recognized IC commitment ([link](#))

# IC Proposal Details & Interim Contacts

## IC Proposal Presentation Venues

- IASFPWG Meeting, Cologne, Germany, May 22-23, 2013
  - <https://www.fire.tc.faa.gov/pdf/systems/May13Meeting/BennettMacias-0513-ICInterestEgineAPU.pdf>
- Halon Alternatives Research Corporation (HARC) sponsored Aviation Stakeholder's Meeting Chicago, Illinois, U.S.A., 11 June, 2013

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**Thank you!**