PRESENTATION TO:

International Aircraft Systems Fire Protection Working Group

May 18-19, 2016

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US EPA SNAP has published in the Federal Register a notice of proposed acceptability
- Published April 18, 2016
- Proposed acceptability for aviation onboard handhelds and engine nacelle / APU systems
- Comment period ends June 2, 2016
- It is anticipated that there will be at least a 90 day EPA review of comments
- Q4 2016 final SNAP rule

Reminder: EU REACH registration completed 2014
- FAA AC 20-42D, *Hand Fire Extinguishers for use in Aircraft*
  - “New Halon 1211 replacement agents must have and meet an applicable ASTM or equivalent specification.”

- ASTM D26 Committee on Halogenated Organic Solvents and Fire Extinguishing Agents
  - Developed purity and handling standards
  - Standards have passed sub-committee ballot
  - Main committee ballot anticipated to close by June 30, 2016
    - If approved, standards will be available online ~6 weeks later
Fire Extinguisher Development

- **FAA Handheld MPS**
  - Requires UL 5B, Hidden Fire, and Seat Fire/Toxicity Test
    - 5B pan fires and hidden fires conducted at UL
    - Seat Fire/Toxicity Test conducted at FAA Tech Center
      - Passed: Data in May 2011 presentation by R. Morrison

- **Underwriter’s Laboratories**
  - AC 20-42D and SAE AS6271 require UL711 and UL2129 or equivalent
  - Multiple OEMs have successfully passed the 5B & hidden fire tests
  - Work continues on UL2129 requirements
  - Final UL listings starting in 2016