

INTERNATIONAL AIRCRAFT SYSTEMS FIRE PROTECTION WORKING GROUP MEETING

November 1-2, 2017

Preliminary Agenda

Hosted by FAATC, Atlantic City, New Jersey, USA

IMPORTANT REMINDER: CELL PHONES OFF OR IN SILENT MODE DURING MEETING

WEDNESDAY, NOVEMBER 1, 2017

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| 9:00-9:15 AM | Welcome and Meeting/Logistics – D. Blake |
| 9:15-9:30 AM | Attendee Introductions |
| 9:30-9:40 AM | Certification of False Alarm Resistant Cargo Smoke Detectors –R. Ochs, PhD (FAATC) |
| 9:40-9:50 AM | FAATC Testing – M. Karp (C-Far) |
| 9:50-10:10 AM | Smoke Detection Project – T. Emami (Rutgers University) |
| 10:10-10:15 AM | University of Maryland Detection Work – Status Update – R. Ochs, PhD (FAATC) |
| 10:15-10:45 AM | <i>Break</i> |
| 10:45-11:05 AM | Standardization of Smoke Generation for Certification Testing – André Freiling (Airbus) |
| 11:05-11:25 AM | CFD Modeling – H. Guo, PhD (C-Far) |
| 11:25-11:40 AM | Status of NexGen Burner for Powerplant Testing – S. Summer (FAATC) |
| 11:40-11:50 AM | University of Cincinnati Updates– San-Mou Jeng (University of Cincinnati) |
| 11:50 AM-12:00 PM | <i>Powerplant Fire Testing at DGA Update – Serge Le Neve (DGA) - Tentative</i> |
| 12:00-1:30 PM | <i>Lunch</i> |
| 1:30-1:40 PM | SAE/ISO Standards on Fire Containment Covers and Fire Resistant Containers - D. Blake (FAATC) |
| 1:40-1:45 PM | Smoke, Fire, Fume Events Report – Update – R. Hill (FAATC) |
| 1:45-2:15 PM | MPS Testing of Water/Nitrogen System in a Class C Cargo Compartment – D. Dadia (FAATC) |
| 2:15-2:30 PM | Challenge Fire Scenario for a Halon Replacement Agent in a Class C Compartment – D. Dadia (FAATC) |
| 2:30-2:50 PM | MPS Nacelle Testing Carbon Dioxide Update – D. Ingerson (FAATC) |
| 2:50-3:20 PM | <i>Break</i> |
| 3:20-3:30 PM | Battery and Fuel Cell Working Groups Updates – S. Summer (FAATC) |
| 3:30-3:45 PM | Button Cells and Polymers Testing - M. Karp (C-Far) |
| 3:45-3:55 PM | Hydrogen Fire Test Plan – S. Summer (FAATC) |

- 3:55-4:10 PM ICAO Halon Replacement Dates – David Scorer (ICAO)
- 4:10-4:20 PM *EASA Rulemaking Activities – (EASA) - Tentative*
- 4:20-4:35 PM ICCAIA Cargo Compartment Halon Replacement Working Advisory Group (CCHRwAG) Update – R. Bennett (Boeing)
- 4:35-4:45 PM Engine/APU Halon Replacement Industry Consortium – Halon Alternatives for Aircraft Propulsion (HAAPS) Update – Alan Macias (Boeing)

THURSDAY, NOVEMBER 2, 2017

- 9:00-9:20 AM *Status of the G-27 Lithium Battery Packaging Committee – D. Ferguson (Boeing) - Tentative*
- 9:20-9:40 AM FAA Support of Packaging Standard – T. Maloney (FAATC)
- 9:40-10:00 AM *ICCAIA Dangerous Goods – Status & Next Steps – P. Rohrbach (Airbus) - Tentative*
- 10:00-10:30 AM *Break*
- 10:30-10:35 AM High-Energy Fire Training Enhancement (HEFTE) Working Group – DK Deaderick (FAA)
- 10:35-10:45 AM Solid-State Lithium Battery Tests – T. Maloney (FAATC)
- 10:45-10:55 AM FAATC Tablet Tests – T. Maloney (FAATC)
- 10:55-11:10 AM Installed Lithium Batteries Task Group – Al Carlo (Boeing)
- 11:10-11:25 AM FAA Aircraft Certification and Regulation Reorganization – Jeff Gardlin (FAA)
- 11:25-11:45 AM Working Group Member Presentations
- 11:45 AM-12:00 PM Additional Discussion/Closing