

INTERNATIONAL AIRCRAFT SYSTEMS FIRE PROTECTION WORKING GROUP MEETING

Hosted by Airbus, Bremen, Germany

May 14-15, 2014

Preliminary Agenda

WEDNESDAY, MAY 14, 2014

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| 9:00-9:15 AM | Welcome, Meeting Logistics, and Introductions |
| 9:15-9:30 AM | Flight Deck Smoke Penetration Testing (D. Blake) |
| 9:30-9:50 AM | Smoke Transport Code (D. Blake) |
| 9:50-10:10 AM | Status of NexGen Burner for Powerplant Testing |
| 10:10-10:30 AM | Break |
| 10:30-10:50 AM | Updated Experimental Investigation of the NexGen Burner – Univ. of Cincinnati |
| 10:50-11:00 AM | Commercial Aviation Safety Team (D. Blake) |
| 11:00-11:20 AM | SAE/ISO Standards on Fire Containment Covers and Fire Resistant Containers (D. Blake) |
| 11:20-11:40 AM | Bulk Storage of iPads (R. Hill) |
| 11:40-1:15 PM | Lunch |
| 1:15-1:45 PM | Class E Cargo Compartment Fire Suppression Testing (D. Blake) |
| 1:45-2:05 PM | Lithium Fire Scenario – Cargo MPS (D. Blake) |
| 2:05-2:10 PM | FAA Advisory and Rulemaking Committee (ARC) |
| 2:10-2:25 PM | Industry Collaboration/Consortium (IC) Research Effort to Develop a Single, Industry-Wide Non-halon Fire Extinguishing Agent for Engine and Auxiliary Power Unit Fire Zones. A proposal of the IC's structure, statement of work, deliverables, and schedule will be discussed. (R. Bennett) |
| 2:25-2:40 PM | International Coordinating Council Aerospace Industries Association Cargo Compartment Halon Replacement Working Group Overview (ICCAIA CCHRWG) (R. Bennett) |
| 2:40-2:50 PM | Break |
| 2:50-3:20 PM | The Behavior of Halon Replacement Agents When Tested at Sub-inerting Concentrations (A. Chattaway) |
| 3:20-3:50 PM | Flammability Limits of Hydrogen at Altitude and Inerting Concentrations |
| 3:50-4:10 PM | Generating More Discussion During Systems WG Meetings (A. Carlo- pending) |
| 4:10-4:30 PM | Additional Discussion |

THURSDAY, MAY 15, 2014

9:00-9:05 AM	Engine MPS Status/Future Plans Status of FAA Engine Nacelle Reports
9:05-9:45 AM	Full-scale Lithium Battery Testing – Class C
9:45-9:55 AM	Passive Fire Protection for Lithium Battery Shipments
9:55-10:25 AM	Battery Chemistry and Size Comparative Testing
10:25-10:40 AM	Break
10:40-10:50 AM	Update on Status of RTCA Document – Batteries
10:50-11:00 AM	ICAO Transport of Lithium Batteries
11:00-11:15 AM	Transport Canada Lithium Battery Working Group Status – Miranda Labbé
11:15-11:45 AM	Energy Release of Lithium Ion Batteries at Different States of Charge
11:45-1:00 PM	Lunch
1:00-1:30 PM	Proposed Study on Smoke, Fire, Fume Events (R. Hill)
1:30-2:00 PM	UPS Update
2:00-2:10 PM	Fuel Cells as Power Work at Boeing (<i>A. Carlo – pending</i>)
2:10-2:20 PM	EASA Rulemaking Activity Regarding Halon (T. Loevenich)
2:20-2:30 PM	Handheld Extinguisher Optimization
2:30-2:45 PM	Handheld 2-BTP Update (M. Madden/B. Colton)
2:45-3:00 PM	Working Group Member Presentations Shipment of Lithium Ion Batteries Work at Akro Fireguard
3:00-3:15 PM	Additional Discussion/Closing