

INTERNATIONAL AIRCRAFT MATERIALS FIRE TEST FORUM MEETING

Hosted by Airbus Mobile and University of South Alabama Engineering Department
At University of South Alabama, Mobile, Alabama, USA
March 10-11, 2020
Preliminary Agenda

(Remember to set your cell phone to silent/vibrate mode)

Meeting Venue:

University of South Alabama Student Center
350 Campus Drive, Building No. 88
2nd Floor Ballroom

TUESDAY, MARCH 10, 2020

8:30-8:50 AM	Welcome/Logistics – T. Marker (FAATC)/Chuck Walker (Airbus)
8:50-9:10 AM	Participant Introductions
9:10-9:25 AM	Update – J. Gardlin (FAA)
9:25-9:40 AM	Various Project Updates – T. Marker (FAATC)
9:40-10:00 AM	Magnesium Alloy Testing Updates – T. Marker (FAATC)
10:00-10:20 AM	<i>Break</i>
10:20-10:45 AM	Sonic Burner Video/Cargo Liner - Air Baffles/Insulation Burnthrough – T. Salter (FAATC)
10:45-10:50 AM	Oil Burner Testing of Powerplant Components – T. Salter (FAATC)
10:50-11:10 AM	Vertical Flame Propagation Testing – T. Emami/R. Whedbee (FAATC)
11:10-11:25 AM	RTCA Update/Round Robin – S. Rehn (FAATC)
11:25-11:35 AM	Characterization of OSU Airflow Using PIV – T. Emami (FAATC)
11:35 AM-1:30 PM	<i>Lunch</i> (on your own – 10-minute drive to/from restaurants)
1:30-1:40 PM	HR2 Progress Update – M. Burns (FAATC) Sonic Choke Research – M. Burns (FAATC)
1:40-1:55 PM	HR2 TRL 6 Test Plan – Brian Johnson (Boeing)
1:55-2:10 PM	HR2 Nominal Operating Parameters (New/Future HR2 Qualification) – Yaw Agyei (Boeing)
2:10-2:20 PM	New HR2 Heater Updates – M. Spencer (Marlin Engineering) 3-zone Power Control Approach
2:20-2:30 PM	Waste Compartment Fire Containment Task Group Update/Next Steps – S. Campbell (SAFRAN)

2:30-2:45 PM Policy Statement on Flammability Testing of Interior Materials – Update to Advisory Circular (AC) – M. Jensen (Boeing)

2:45-2:55 PM Additive Manufacturing – T. Krause (Airbus)

2:55-3:10 PM Additive Manufacturing – S. Rehn (FAATC)

3:10-3:15 PM Evacuation Slide Test – S. Rehn (FAATC)

3:15-3:30 PM Material Change Similarity Task Group Update – J. Harris (Boeing)

3:30-3:50 PM *Break*

3:50-5:00 PM Task Group Meetings Session I*:
Magnesium Alloy Testing – T. Marker
Cargo Liner/Airflow Barriers - T. Salter
Radiant Panel Test – S. Rehn
OSU Flow Visualization – T. Emami/M. Burns
Waste Receptacle Fire Containment – S. Campbell

WEDNESDAY, MARCH 11, 2020

8:30-9:45 AM Task Group Meetings Session II*:
Sonic Burner Video/Seat Flammability – T. Salter
Vertical Flame Propagation Testing (VFP) – T. Emami/R. Whedbee
Additive Manufacturing – S. Rehn/T. Krause
HR2/OSU/TRL / Etc. – M. Burns/Y. Agyei/B. Johnson

9:45-11:00 AM Task Group Meetings Session III*:
Insulation Burnthrough Testing/Powerplant – T. Salter
Vertical Flame Propagation Testing (VFP) – T. Emami
RTCA Test Development- S. Rehn
HR2/OSU (if needed) – M. Burns/Y. Agyei/B. Johnson

11:00-11:20 AM *Break*

11:20 AM-12:10 PM Task Group Reports

12:10-12:30 PM EASA Update – E. Canari (EASA)

12:25-12:45 PM Additional Discussion/Next Meeting/Closing

12:45-1:15 PM Non-woven Carbon Nanotube Sheets for Thermal Management in Carbon Fiber Reinforced Composites – Mark Schauer (Huntsman)

*The Task Group meeting schedule is subject to change. Task Group dates/times may change until FAA Task Group lead travel confirmed.