

FEDERAL AVIATION ADMINISTRATION
REDAC Subcommittee on Aircraft Safety (SAS)
William J. Hughes Technical Center

March 23-24

Director's Conference Room

Dial in Access: (609) 916-1975, passcode 630437

Wednesday, March 23, 2016

Meeting Goals:

- **Deep dive on UAS safety considerations.**
- **Review of the FY18 portfolio with consideration of emerging issues.**
- **Guidance and identification of gaps in the FY19 portfolio.**

8:00 – 8:30	Security Operation Center (SOC) check in	ANG-E2 (TBD)
8:30 – 8:50	Welcome/Opening comments <ul style="list-style-type: none"> • Introductions (all) • Opening remarks/comments (Chair & DFO) 	Kenneth Hylander (Chair) Eric Neiderman (SAS DFO)
8:50 – 9:00	Welcome	Shelley Yak (REDAC DFO & WJHTC Director)
9:00 – 9:15	Budget Update	Mike Gallivan
9:15 – 10:00	Strategic Framework from Fall 2014	Ken Hylander
10:00 – 10:30	Open Finding & Recommendation and Actions	Xiaogong Lee
10:30 – 10:45	Break	
10:45 – 12:00	Discussion – Holistic View of the Research Portfolio	Mark Orr Kerin Olson
12:00 – 1:00	Lunch	Cafeteria
1:00 – 3:00	UAS Forum Discussion UAS Safety R&D Considerations <i>UAS Quad Chart Review</i>	Subcommittee Perspectives: Andy, Ken, Chris, Chris, & Dres
3:00 – 3:45	FY18 Research Portfolio – Quad Chart Review PS, RS, SSM, F&CS, TAS, & Wx Quads	Mark Orr
3:45 – 4:00	Break	
4:00 – 4:45	Emerging Issue - Aviation Safety Medical Issues <i>AM Quad Chart Review</i>	Star Forster
4:45 – 5:00	Discussion/Summary/Actions	Kenneth Hylander/ Eric Neiderman
6:30	Reception – hors d'oeuvres 101 South Suffolk Ave., Ventnor, NJ 08406	Eric's Shore House

PS – Propulsion Systems; RS – Rotorcraft Systems; SSM – System Safety Management; F&CS – Fire and Cabin Safety;
TAS – Terminal Area Safety; Wx – weather in the cockpit

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Thursday, March 24, 2016

8:00 – 8:30	Security Operation Center (SOC) check in	ANG-E2 (TBD)
8:30 – 9:00	Review of Homework Assignments from Previous Day – Findings and Recommendations Discussions	Subcommittee
9:00 – 9:15	Opening Remarks – FAA Aircraft Safety R&D Action Items & Recommendations	Eric Neiderman Xiaogong Lee
9:15 – 10:00	Chief Scientist and Technical Advisor (CSTA) - Higher Level Aircraft Icing Research Perspective <i>Aircraft Icing Quad Chart Review</i>	Tom Bond
10:00 – 10:15	Break	
10:15 – 11:00	Chief Scientist and Technical Advisor (CSTA) – Safety Risk Management Proposals for Airborne Electronic Hardware, Software, Systems and Information Security <i>SDS Quad Charts Review</i>	Peter Skaves
11:00 – 12:00	FY18 Research Portfolio - Quad Chart Review SIC, SIM, FCMS, ES, & GA Fuels	Mark Orr
12:00 – 1:00	Lunch	Cafeteria
1:00 – 1:45	Chief Scientist and Technical Advisor (CSTA) Perspective – Lessons Learned about Operational Use of Automated Systems <i>HF Quad Chart Review</i>	Kathy Abbott
1:45– 2:15	Emerging Issue/Aviation Safety Topic – Autonomy and Automation	Andy Lacher
2:15 – 2:30	Break	
2:30 – 3:00	Update on NASA Safety Portfolio – Autonomy and Automation	John Cavalowsky (invited)
3:00 – 3:15	Q&A – Autonomy & Automation emerging challenges	Andy Lacher/John Cavalowsky
3:15 – 3:45	FY19 Research Portfolio Planning – Strategic Guidance	Mark Orr
3:45 – 5:00	Wrap up – Homework Assignments, Action Items, etc.	Subcommittee
6:30	Group Dinner: <i>Knife and Fork Inn</i>	

SIC – Structural Integrity - Composite; SIM – Structural Integrity - Metallic; FCMS – Flight Controls & Mechanical Systems; ES – Electrical Systems; GA Fuels – General Aviation Fuels

WebEx Login

SAS Spring Meeting

Every day, from Wednesday, March 23, 2016, to Thursday, March 24, 2016

8:30 am Eastern Daylight Time 9 hrs

Join WebEx meeting

Meeting number: 992 271 791

Meeting password: spring