

**2016 Fall REDAC SAS Meeting
Agenda (v2021-07-12)
September 14 – 15, 2016**

Date: September 14, 2016 Wednesday
Location: Flight Safety Foundation (in the United Way Worldwide Building)
Meeting Room: Mary Gates Learning Center – 104
 701 N. Fairfax Street, Suite 250, Alexandria, VA 22314-2058
Telecon: (609) 916-1975, Passcode: 600418
WebEx: <https://aviationresearch.webex.com>
 Meeting number: 998 765 873
 Meeting password: fall
 Click [here](#) or type/copy the following WebEx address to join the meeting directly:
<https://aviationresearch.webex.com/aviationresearch/j.php?MTID=m026131d7bf1794d1f211d5f8e68bfda5>
Site Info: See Page 3 for Parking/transportation and lodging information

September 14, 2016, Wednesday		
8:00 – 8:15	Introduction/Opening	Ken Hylander, Chair Eric Neiderman, DFO
8:15 – 8:30	Budget Update	Mike Gallivan, AFN
8:30 – 8:45	FAA Re-Authorization R&D	Xiaogong Lee, ANG-E2
8:45 – 9:45	Discussions of draft FAA responses to SAS 2016 Spring F&R	Mark Orr, AVS R&D Eric Neiderman, DFO
9:45 – 10:00	REDAC and SAS Update and Direction	Ken Hylander, Chair
10:00 – 10:15	Break	
10:15 – 12:00	FY2016 Significant R&D Accomplishments & Quad Chart Reviews: SDS ¹ , FCS ² , AM ³ , AI ⁴ , PS ⁵ , GAF ⁶ , RS ⁷ , ES ⁸ , FCMS ⁹ , Wx ¹⁰ , and SSM ¹¹	Eric Neiderman, DFO Mark Orr, AVS R&D Ken Hylander, Chair
12:00 – 1:00	Lunch	
1:00 – 1:30	FAA Risk-Based Decision Making – Priority Initiative	Paula Martinez, AVP
1:30 – 2:00	Big Data and Data Analytics – FAA SWIM Program	Jeri Groce, SWIM PM
2:00 – 2:30	Rotorcraft ASIAs	Cliff Johnson, ANG-E2 Walt Hogan, AVP-220
2:30 – 2:45	Break	
2:45 – 3:45	Real-Time System-Wide Safety Assurance: a. Review of SAS Emerging Issue b. FAA/NASA RTT update on real-time safety technology c. NASA ARMD update on Smart-NAS, RTSM, etc. d. Committee discussions on possible research gaps	Ken Hylander, Chair Warren Randolph, AVP Jessica Nowinski, NASA Ken Hylander, Chair
3:45 – 5:00	Subcommittee Caucus & homework assignment Preparation for meeting with AVSMT	SAS Members DFO/AVS R&D
Group Dinner – TBD		

¹ SDS – Software and Digital System Safety including aircraft cybersecurity (ASISP)

² FCS – Fire and Cabin Safety (Fire Safety and Crashworthiness)

³ AM – Aviation Medicine

⁴ AI – Aircraft Icing

⁵ PS – Propulsion Systems

⁶ GAF – Unleaded Alternative Fuels for General Aviation

⁷ RS – Rotorcraft Systems

⁸ ES – Electric Systems

⁹ FCMS – Flight Controls and Mechanical Systems

¹⁰ Wx – Weather Research

¹¹ SSM – System Safety Management (ASIAs, etc.)

Date: September 15, 2016 Thursday
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September 15, 2016, Thursday		
8:30 – 9:00	SAS homework review	SAS Members
9:00 – 9:30	Best Practices of REDAC	Shelley Yak, REDAC DFO
	Writing Actionable Recommendations	Jaime Figueroa, ANG-E
9:30 – 10:15	FY2016 Significant R&D Accomplishments & Quad Chart Reviews: TAS ¹² , HF ¹³ , MI ¹⁴ , SIC ¹⁵ , SIM ¹⁶ , and UAS ¹⁷	Eric Neiderman, DFO Mark Orr, AVS R&D
10:15 – 10:30	Break	Ken Hylander, Chair
10:30 – 11:15	Quad Chart Reviews continued ...	
11:15 – 12:15	UAS CONOPS & CONOPS Maturation	Sherri Magyarits, ANG-C5 Maureen Keegan, AJV-73
12:15 – 1:15	Lunch	
1:15 – 2:00	Additive Manufacturing – National Team Research Plan	Michael Gorelik, AVS Rusty Jones, AFS-300
2:00 – 3:15	AVS MT Strategic Research Discussion Emerging issues and opportunities	AVS-1 & SAS Chair
3:15 – 3:30	Break	
3:30 – 4:30	SAS Findings & Recommendations; Action Items; and Wrap-up	Ken Hylander, Chair Eric Neiderman, DFO

¹² TAS – Terminal Area Safety

¹³ HF – Human Factors (flight deck)

¹⁴ MI – aircraft Maintenance and Inspection

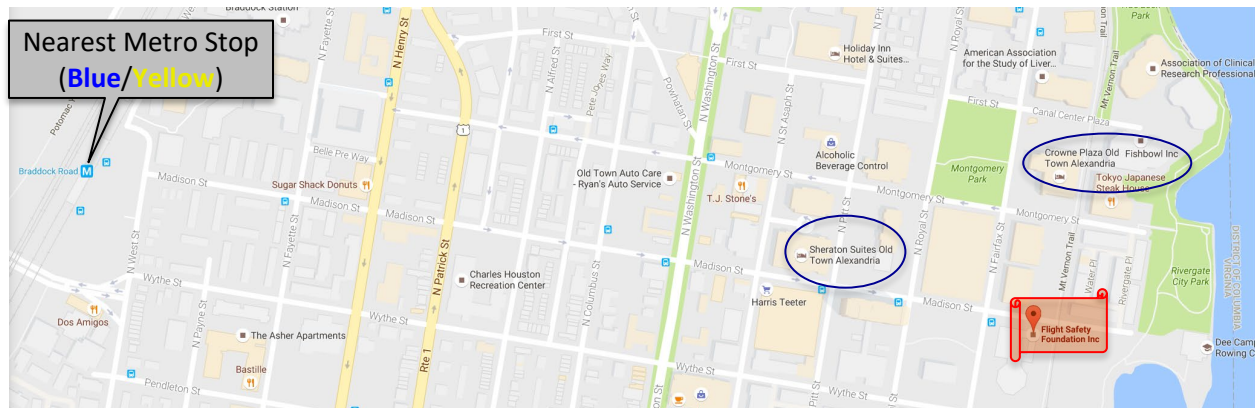
¹⁵ SIC – Structure Integrity – Composite

¹⁶ SIM – Structure Integrity – Metallic (including additive manufacturing & emerging materials)

¹⁷ UAS – Unmanned Aircraft Systems

REDAC/SAS 2016 Fall Meeting
Meeting Site Info: Parking/Transportation and Lodging

Site Map:



Flight Safety Foundation Headquarters (in the United Way Worldwide Building)

Meeting Room: [Mary Gates Learning Center – 104](#)

701 N. Fairfax Street

Alexandria, VA 22314-2058

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NEARBY HOTELS

[Crowne Plaza Hotel Old Town](#)

[Sheraton Suites Old Town Alexandria](#)