

Federal Aviation Administration
REDAC Human Factors Subcommittee
August 28-29, 2018, Washington, D.C.

Location: JMA Offices: 600 Maryland Ave (Suite 420), Washington, DC 20024

Take the Metrorail to the **L'Enfant Plaza Station**.

Take the 7th and Maryland Avenue exit.

At the top of the escalator, look for a building entrance with the number "600" above it.

Walk until you have passed the Vie de France restaurant and use the elevators to the right.

The office is in the **East** Tower, 4th floor, Suite 420.

Please join the meeting from your computer, tablet or smartphone.

<https://global.gotomeeting.com/join/537415589>

You can also dial in using your phone.

United States: +1 (872) 240-3212

Access Code: 537-415-589

DAY 1 – Tuesday, August 28, 2018

Time	Topic	Presenter
8:00–8:30	Check in at JMA offices (Suite 420)	
8:30-8:45	Welcome / Opening Comments / Introductions	Dr. Barbara Holder , HF Subcommittee Chair, Dr. Paul Krois , DFO
8:45-9:15	Welcome	Shelley Yak , FAA Director of William J. Hughes Technical Center, REDAC Co-Chair
9:15-9:30	Update from Full Committee Meeting	Dr. Barbara Holder , HF Subcommittee Chair
9:30-9:45	Morning Break	
9:45-10:15	Budget Update	Mike Gallivan , Manager, RE&D Financial Management
10:15-10:45	AVS and ATO Research Prioritization Processes (Action Item)	Mark Orr , Aviation Safety Research & Development Manager Lara Schmidt , ATO Round Table Liaison
10:45-11:10	FY18 Flight Deck Core Research Accomplishments	Dr. Kathy Abbott , Chief Scientific & Technical Advisor, Flight Deck Human Factors
11:10-11:35	FY18 NextGen Air/Ground Integration Research Accomplishments	Dr. Kathy Abbott , Chief Scientific & Technical Advisor, Flight Deck Human Factors
11:35-12:35	Lunch	
12:35-12:55	F&R #1 - Important areas for continued Research and Development	Dr. Kathy Abbott , Chief Scientific & Technical Advisor, Flight Deck Human Factors
12:55-13:30	F&R Discussion - From Winter meeting: Flight Crew Information Management (F&R)	All
13:30-14:00	Flight Deck Core Deep Dive – Advanced Vision	Terry King , Flight Standards
14:00-14:30	Flight Deck NextGen Deep Dive – Interval Management – Terminal Sequencing and Spacing	Randy Bone , MITRE
14:30-14:45	Afternoon Break	
14:45-15:45	UAS Integration Research Plan	Members to present comments
15:45-16:30	F&R Discussion, Wrap-up, and Homework Assignments	All
EVENING – 18:00	Group Dinner	

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DAY 2 – Wednesday, August 29, 2018

Time	Topic	Presenter
8:00-8:30	Check in at JMA offices (Suite 420)	
8:30-8:50	Briefing on Industry Partnerships (Action Item)	Dr. Kathy Abbott , Chief Scientific & Technical Advisor, Flight Deck Human Factors
8:50-9:05	Remote Towers (Action Item)	Katie Berry , Fort Hill Group
9:05-9:50	F&R #2 - Research gaps that are not well represented in the current funded portfolio	Dr. Paul Krois , DFO
9:50-10:05	Morning Break	
10:05-10:30	Mixed Environment (Action Item)	Ray Stanley , MITRE
10:30-10:55	FY18 NextGen Enterprise ATC Research Accomplishments	Dr. Bill Kaliardos , NextGen Human Factors Integration Lead
10:55-11:25	NextGen Enterprise ATC Deep Dive – Established on RNP	Lauren Thomas , Evans Incorporated
11:25-11:50	F&R Discussion	All
11:50-12:50	Lunch	
12:50-13:15	FY18 ATC Core Research Accomplishments	Dan Herschler , Scientific & Technical Advisor for Human Factors
13:15-13:45	ATC Core Deep Dive – Ground Interval Management Operational Data Analysis	Ben Willems , William J. Hughes Technical Center
13:45-14:15	ATC Core Deep Dive – Tower Controller Visual Scanning	Jerry Crutchfield , CAMI
14:15-14:40	F&R Discussion	All
14:40-15:00	Afternoon Break	
15:00-15:30	Runway Friction Research	Paul Giesman , Transport Standards (AIR-671)
15:30-16:30	F&R Discussion and Wrap-up	All