



UAS Integration in the NAS Annual Meeting

Tuesday, July 31, 2012



Morning Session		
7:30 - 8:00	Check-in	
8:00 - 8:10	ARC Welcome	Huy Tran
8:10 - 8:30	ARMD Brief	Robert Pearce
8:30 - 8:50	ISRP Brief	Ed Waggoner
8:50 - 9:35	Project/Subproject	Chuck Johnson
9:35 - 9:50	Break	
9:50 - 10:20	FAA	Rick Prosek
10:20 - 11:30	RTCA SC-203	Rose Mooney and Johnny Walker
11:30 - 1:00	Lunch	
Afternoon Session		
1:00 - 1:20	Integrated Test and Evaluation Overview	Sam Kim and Jim Murphy
1:20 - 1:40	Communication Overview	Jim Griner
1:40 - 2:00	Human Systems Integration Overview	Jay Shively
2:00 - 2:15	Break	
2:15 - 2:35	Certification Overview	Kelly Hayhurst
2:35 - 2:55	Separation Assurance/Sense and Avoid Interoperability Overview	Maria Consiglio and Eric Mueller
2:55 - 3:00	Closing Comments	Chuck Johnson

Note: Agenda may change due to presenter availability



UAS Integration in the NAS Annual Meeting

Wednesday, August 1, 2012



Morning Session

	Cert	Comm	HSI	SSI
Room	Macon	Mezzanine	Northwing	Showroom
8:00 - 8:25	Overview of UAS Safety Data Issues Kelly Hayhurst NASA	CNPC Spectrum Status & Analysis Plans Bob Kerczewski NASA	Ground Control Station (GCS), Surveys, Information Anna Trujillo NASA	UAS Separation Management, Trajectory Management & Mission Planning Concepts David Thipphavong, Arwa Aweiss, Seung Man Lee, Eric Mueller, and Doug Isaacson NASA
8:30 - 8:55	Hazard and risk-related data on UAS Francis Enomoto NASA	RF Propagation Flight Test Plans Kurt Shalkhauser NASA	SC-203 Human Factors Update Alan Hobbs NASA – San Jose State University	
9:00 - 9:25	Survey of Safety Analysis Methods Ganesh Pai NASA – SGT, Inc	CNPC Datalink Technology Assessment Steve Bretmerski NASA - MTI Systems	Part Task 1 results, Part Task 2 plans Lisa Fern NASA – San Jose State University	Sense and Avoid Concept of Integration for UAS Operations in the NAS James Chamberlain NASA
9:30 - 9:55	Risk Analysis for Small UAS Ella Atkins University of Michigan	CNPC Waveform Trade Study John Moore Rockwell Collins	Measured Response with FAA & Interaction with SSI Vern Battiste NASA – San Jose State University	TCAS SAA Interoperability Analysis Anthony Narkawicz NASA
9:55 - 10:10	Break			
10:10 - 10:35	Data Mining Johann Schumann NASA – SGT, Inc	CNPC Prototype Radio System Specifications Bruce Hammel Rockwell Collins	Lab Update, Coordination with CSUN and DFRC Walter Johnson NASA	MACS enhancements for UAS Integration HITL Experiments James Sturdy NASA – SGT, Inc
10:40 - 11:05	Data Artifacts for Airworthiness of Swift Ewen Denney NASA - SGT, Inc	CNPC Prototype Radio System Next Steps Jim Griner, NASA John Moore Rockwell Collins	Info Requirements, GCS Catalog Scott Scheff HF Designworks	ACES Simulation Testbed Confesor Santiago and Chunki Park NASA
11:10 - 11:35	Safety Data for Centennial Challenge Guillaume Brat NASA - IPA-ARC	CNPC Security Status & Plans Dan Young NASA - DB Consulting Group	FAR analysis with FAA Beth Lyall Research Integrations, Inc.	Preliminary Evaluations of UAS Integration Concepts Hak Tae Lee NASA
11:35 - 1:00	Lunch			



UAS Integration in the NAS Annual Meeting

Wednesday, August 1, 2012



Afternoon Session

	Cert	Comm	HSI	SSI
Room	Macon	Mezzanine	Northwing	Showroom
1:00 - 1:25	Overview of UAS Classification Issues Kelly Hayhurst NASA	CNPC Modeling & Simulation Plans Greg Kubat NASA - Vantage Partners	FAA pilot training, ADS-B flights Mark Pestana NASA	Performance Tradeoff study for UAS/SAA Integration Keith Hoffler NASA – National Institute of Aerospace
1:30 - 1:55	UAS Alternative Classification Schemes Jonathan Oliver MTSI	Next Steps/Open Discussion	AFRL, Transit Ops and JOCA studies Mark Draper AFRL	Sense and Avoid for Separation Assurance NRA Eric Euteneuer Honeywell
1:55 - 2:10	Break			
2:10 - 2:35	UAS Classification Schemes Kevin Rigby Embry-Riddle	Next Steps/Open Discussion	ARC, UAS group observer visual acuity Beau Watson NASA	Simulation and Implementation of UAS Performance Models Fred Wieland IAI
2:40 - 3:05	Classification Discussion		Government Only Session NGC, Airspace Display experiments Vincent Baglio Northrop Grumman	SSI Discussion
3:10- 4:00	Wrap-up/Feedback			