Start Time	Monday, October 26th Agenda	C4 4 T2	Tuesday, October 27th Agenda	C4 4 TC*-	W. J J O. ( . ) 20(L ) J.
Start Time	FINAL AGENDA	Start Time	ψ/ B	Start Time	Wednesday, October 28th Agenda
	10-27-2015	0.00.135	Registration & Sponsored Breakfast		Registration & Sponsored Breakfast
	10-27-2013	8:00 AM	Westin Crystal City, Jefferson Ballroom 2, Level 2	8:00 AM	Westin Crystal City, Jefferson Ballroom 2, Level 2
	1. Space Traffic Management 8. Operations Technologies & Payloads	9:00 AM	(Breakfast Included in Registration) ATM5 Opening, Dr. James M. Vanderploeg, MD, COE CST Executive Director, UTMB	0.00 134	(Breakfast Included in Registration)
	Technologies & Payloads     1.1 Orbital     2.1 Ground System & Ops Safety Techs	9:00 AM	FAA COE CST Executive Director, UTMB	9:00 AM	Opening Announcements, Jim Vanderploeg, UTMB
	Ops Safety Techs  1.2 Suborbital 2.2 Vehicle Gretty Analyses	9:15 AM	Dr. Patricia Watts, FAA COE National Program Director		VEHICLE TECHNOLOGY RESEARCH
	2.2 Mehlele Cedeby		COE CST Year 5 Status	9:15 AM	TECHNICAL PRESENTATIONS
	1.5 Integrated Air/Space Traffic Management  2.4 Payload Safety Traffic Management	9:30 AM	Ken Davidian, FAA AST	9:30 AM	325-FSU Optical Measurements of Rocket Nozzle Thrust and Noise, Kumar 241-FSU, High Temp Pressure Transducers, Oates
	Traffic Management 2.5 Vehicle Ops Safety		HUMAN SPACEFLIGHT RESEARCH	9:30 AM	7 0 1
	3.1 Aerospace Phys & Medicine 4. Space Transportation Industry Viability	9:45 AM	TECHNICAL PRESENTATIONS	9:45 AM	SPACE TRAFFIC MANAGEMENT & OPERATIONS TECHNICAL PRESENTATIONS
	3.2 Personnel Training 4.1 Markets 4.2 Policy	7110.11.11	308-UTMB Suborbital SFP Anxiety, Mathers	9:45 AM	186-SU, Space Env MMOD Modeling & Prediction, Close/Li
	- 3.3 ECLSS	10:00 AM	309-UTMB Suborbital Pilot Training Assessment, Mathers	10:00 AM	180-SU, Space Env MMOD Modeling & Prediction, Close/Li  187-CU, Space Situational Awareness, Scheeres/Park
	3.4 Habitability & Human Factors 4.4 Regulation	10:15 AM	310-UTMB Increasing Cabin Survivability in Commercial Spacecraft, Mathers	10:00 AM	185-SU, Unified 4D Trajectory, Alonso/Colvin
	- 3.5 Human Rating 4.5 Cross-Cutting Topics	10:30 AM	Sponsored Break	10:15 AM 10:30 AM	The state of the s
12:00 PM 6:00 PM	ATTACA A A A A	11:00 AM	320-CU Commercial Spaceflight Risk Assessment and Communication, Klaus		Sponsored Break
6:00 PM	ATM5 Registration Westin — Jefferson Ballroom 2, Level 2		VEHICLE TECHNOLOGY RESEARCH	11:00 AM	3xx-SU, Advanced 4-D Special Use Airspace, Tompa
	mesun — segerson Bunroom 2, Level 2	11:15 AM	TECHNICAL PRESENTATIONS	11:15 AM	332 -SIM/SU, Assessing Rural Airports for Drone and RLV Use Using the
NAEA	ATM5 Sponsored by the		293-NMT, Reduced Order Non-Linear, Ryu	11:30 AM	Draper-Santos Projection Methodology, Draper 220-NMSU, Space Operational Framework, Hynes/Boucheron
GRANT C	Florida Space Grant Consortium	11:30 AM	Keynote Speaker, Dr. George Nield		329-NMT, Tracking and Monitoring Suborbital Commercial Space Vehicles, Ryan
	Providing Program Support and Student Participation in the FAA COE CST ATM5	11.30 AM	FAA AST Associate Administrator	11:45 AM	
	Student Participation in the FAA COE CS1 ATMS		Keynote Speaker, (Confirmed) Congressman Jim Bridenstine, Oklahoma		Sponsored Lunch
Thank You!	Poster Session & Discussion		Serves on the House Armed Services Committee and the	12.00 DM	Keynote Speaker, Steven Pennington, United States Air Force
	Welcoming Ken Davidian, FAA AST		Science, Space and Technology Committee	12:00 PM	Director of Bases, Ranges, and Airspace, and Executive Director for the Department of Defense Policy  Board on Federal Aviation
			Sponsored Lunch	_	Westin Jefferson Ballroom 2, Level 2
	Westin — Jefferson Ballroom 2, Level 2	12:00 PM	Westin - Jefferson Ballroom 2, Level 2	1:00 PM	244-UF, Autonomous RDV & Docking, Fitz-Cov
		4.00 734	228-NMT, Magneto-Elastic Sensing for SHM, Zagrai	1:15 PM	244-FSU. Autonomous RDV & Docking, Collins
		1:00 PM	323-NMT New Project Overview - Structural Health Monitoring Framework, Zagrai	1:30 PM	MITRE, Evaluating Space Launch Vehicle / Reentry Vehicle Separation Concepts and Standards, Tao
		1:15 PM	253-UCF, UHT TPS Materials, Kapat/Gou	1:45 PM	MITRE, Launch Vehicle/Reentry Vehicle (LV/RV) National Airspace System (NAS) Effect Assessment, Fulm
		1:30 PM	299-NMT, Tank Overpressure Testing, Lim/Ostergren	2:00 PM	Concluding Comments, Dr. Patricia Watts, Ken Davidian, Jim Vanderploeg
		1:45 PM	307-Solstar/NMSU, Suborbital Flight Test of Space Communications, Barnett		3 1 1
		2:00 PM	311-UCF, Low-Mass/Cost CO/CO2 Sensors, Vasu	2:30 PM	Adjourn, Jim Vanderploeg, UTMB
		2:15 PM	306-NMSU/ERAU Advanced ADS-B Prototype for Commercial Space, Stansbury		
		2:30 PM	Update on Commercial Space Transportation Legislation, Tommy Sanford, CSF		
		2:45 PM	Sponsored Break		
			INDUSTRY VIABILITY RESEARCH		
		3:15 PM	TECHNICAL PRESENTATIONS		
			193-CU, ESIL Workshops, Cheetham		
		3:30 PM	305-FIT, Suborbital CSTI Analyses, Benjamin		
		3:45 PM	304-MU/FIT, Insurers as Regulators of Space Safety and Sustainability, Harrington		
		4:00 PM	193-SU, Research Road Mapping Workshops, Kochenderfer/Alonso		
		4:15 PM	324-SU Space Commercialization Strategies from the Internet Experience, Hanson		