On-Demand Aviation Services for Mobility, Logistics, Emergency Response, and Humanitarian Use Cases

An ACRP Insight Event | July 10-11, 2023

Day 1 (July 10)   *UPDATED 7/6/23*

Time (ET)	Session Title	Moderator	Speakers	Description
12:00 PM	Check-in and onsite registration			
1:00 PM	Opening Remarks		• Adam Bouchard, Tampa International Airport • Marci Greenberger, ACRP	
1:15 PM	Fundamentals of On-Demand Aviation	Shivanjli Sharma, NASA	• Praveen Raju, FAA • Rex Alexander, Vertical Flight Society • Edward Espiritu, United Airlines • Scott Cary, NREL • Chris Ash, Hillwood Alliance Airport	This panel will feature an interactive discussion of key concepts, including the state of new aviation entrants, challenges for integration, the role of electrification and implications on infrastructure needs, and opportunities for goods delivery, airport shuttle service, regional air mobility, and other use cases.
2:30 PM	Break			

Time (ET)	Session Title	Moderator	Speakers	Description
2:45 PM	Legislative Perspectives on AAM	Matt Daus, Windels Marx	• Melissa Tomkiel, Blade • Alex Bolton, U.S. House of Representatives (Chief of Staff, NY-11)	This session will include a discussion of recently passed federal legislation on AAM and what research is needed to help inform legislative efforts and policymaking. This panel will discuss passed and pending legislation, including both funding opportunities and regulatory governance of AAM, as well as the path forward to implement Congress' vision for this emerging mode. The role of federal, state and local legislation—and the coordination necessary for success—will be discussed. Also, the usefulness of specific research needs to measure the success of past legislative programs, as well as to support the future needs of legislators and executive branch transportation officials in implementing testing, infrastructure development, use case scenarios, and deployment of AAM in a safe environment with multi-modal connectivity.
4:00 PM	Break			
4:15 PM	System Planning for On-Demand Aviation	Clint Harper, NASA Ames Research Center (Contractor)	• Robin Grace, MassDOT • Paul Damron, UDOT • Kathryn Purwin, Helinet Aviation Services • Laura Chace, ITS America	This session will discuss how on-demand aviation may impact airports and local jurisdictions, potential challenges of on-demand aviation, and emerging considerations to plan and prepare for on-demand aviation.
5:30 PM	Closing Remarks		Adam Bouchard, Tampa International Airport	
5:35 PM	Evening Q&A Session		Peter Irvine, USDOT Office of Aviation and International Affairs	This event will include food and beverages.

Day 2 (July 11)

Time (ET)	Session Title	Moderator	Speakers	Description
8:00 AM	Breakfast and Networking			
8:30 AM	Opening Remarks			Preview of day 2 agenda
8:45 AM	Fireside Chat	Daniel Friedenzohn, Embry-Riddle Aeronautical University	• Chris Hart, Hart Solutions LLC • Laura Chace, ITS America	The second day will open with a fireside chat featuring safety and research efforts to support "public good" use cases in on-demand aviation.
9:30 AM	What Problems is On-Demand Aviation Trying to Solve?	Adam Cohen, UC Berkeley/San Jose State University	• Justin Towles, Crown Consulting/CAHM • Lt. Col. John Tekell, AFWERX • Patrick Rizzi, Hogan Lovells • Carl Dietrich, Jump Aero • Ryan Steinbach, USDOT, Office of the Secretary	The second day will open with presentations on the role of on-demand aviation in providing/facilitating aeromedical, emergency response, humanitarian, and other "public good" use cases.
10:30 AM	Break			
10:45 AM	Stakeholder and Community Engagement	Yolanka Wulff, Community Air Mobility Initiative	• Colleen D'Alessandro, FAA • Gaël Le Bris, WSP • Sjohnna Knack, San Diego International Airport • Darlene Yaplee, Aviation-Impacted Communities Alliance	This session will discuss the role of stakeholder and public engagement, and strategies for successful community inclusion in the planning, design, and implementation of on-demand aviation.
12:00 PM	Lunch and Networking			

Time (ET)	Session Title	Moderator	Speakers	Description
1:30 PM	Scaling and Governing AAM	Chris Oswald, ACI-NA	• Alex Gertsen, NBAA • Naashom Marx, Cincinnati/Northern Kentucky International Airport • Scott McMahon, DM AIRPORTS, LTD.	This session will discuss a variety of planning and implementation considerations airports may need to consider as on-demand aviation scales. This session will include a discussion of infrastructure, utility, airspace management, and other planning considerations and operational needs.
2:30 PM	Break			
2:45 PM	Security Considerations for AAM	Michael Rucinski, TSA	• Greg Bowles, Joby Aviation • Jens Hennig, General Aviation Manufacturers Association • John Murphy, Supernal • Robert DeFrancesco, Archer Aviation	Panelists from industry leaders, aviation associations, and the federal government will discuss security concerns in relation to new AAM aircraft and operations. What changes may we expect in security measures from an operational and regulatory perspective when compared to existing requirements and practices?
3:45 PM	How can research support on-demand services and AAM policy, planning, and implementation?	Adam Cohen, UC Berkeley/San Jose State University		Town hall facilitated discussion.
4:15 PM	Closing Remarks and Wrap-up		• Adam Bouchard, Tampa International Airport	