

The National Academies of
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DIVISION ON ENGINEERING AND PHYSICAL SCIENCES
AERONAUTICS AND SPACE ENGINEERING BOARD

Aeronautics Research and Technology Roundtable
June 18, 2018
NAS Building Lecture Room
2101 Constitution Ave., NW, Washington, DC 20418

Monday, June 18, 2018

OPEN SESSION

8:00 am	<i>Room opens (breakfast available in the room)</i>	
9:00 am	Meeting convenes; Welcome and introductions	Ray Colladay, Chair Roundtable Participants
9:30 am	Opening remarks	Jaiwon Shin, Associate Administrator, ARMD, NASA
9:45 am	NASA Perspectives on Urban Air Mobility	Robert Pearce, NASA
10:45 am	The Policy Issues of Urban Air Mobility	Lisa Ellman (moderator) Margaret Jenny, RTCA Melvin Johnson, FAA
11:15 am	<i>Break (15 minutes)</i>	
11:30 am	Industry Developments	Vineet Mehta, GE Airxos
12:00 pm	<i>Working lunch; discussion continues</i>	
12:30 pm	Discussion	Roundtable Participants
1:00 pm	The State of the Industry	Bruce Holmes, SmartSky Networks Ashish Bagai, Vertical Flight Society

FOCUSED DISCUSSIONS

1:45 pm	Policy, Certification, and Technical Challenges For Operating in the National Airspace System	Davis Hackenberg, NASA Roundtable Participants
2:30 pm	What is the Role of Public-Private Partnerships In Helping the Market to Emerge and Develop?	Pamela Cohn, Ascension Group Roundtable Participants
3:15 pm	<i>Break (15 minutes)</i>	

3:30 pm	NASA UAM Grand Challenge Proposal – Demonstrating UAM Safety	Davis Hackenberg, NASA Roundtable Participants
4:15 pm	Roundtable Member Comments - Closing remarks	Ray Colladay, Chair Roundtable Participants
5:00 pm	<i>Meeting adjourns for the day</i>	

Last updated: June 15, 11:00 am

Aeronautics Research and Technology Roundtable Statement of Task

The Aeronautics Research and Technology Roundtable (ARTR) convenes senior-most representatives from industry, universities and NASA to define and explore critical issues related to NASA’s aeronautics research agenda that are of shared interest; to frame systems-level research issues; and to explore options for public-private partnerships that could support rapid, high-confidence knowledge transfer. This forum will be designed to facilitate candid dialogue among participants, to foster greater partnership among the NASA-related aeronautics community, and, where appropriate, carry awareness of consequences to the wider public.

The following information is provided for any members of the general public who may be in attendance:

This meeting is being held to facilitate dialogue among the participants. This roundtable will examine the information and material obtained during this, and other meetings, in an effort to inform its work. Although opinions may be stated and lively discussion may ensue, no conclusions are being drawn at this time and no recommendations will be made by the roundtable. Therefore, observers should draw conclusions about the roundtable’s work based on today’s discussions.

Furthermore, individual roundtable members often engage in discussion and questioning for the specific purpose of probing an issue and sharpening an argument. The comments of any given member may not necessarily reflect the position he or she may actually hold on the subject under discussion.