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DIVISION ON ENGINEERING AND PHYSICAL SCIENCES
AERONAUTICS AND SPACE ENGINEERING BOARD

Aeronautics Research and Technology Roundtable
October 15, 2019
NAS Building Room 125
2101 Constitution Ave., NW, Washington, DC 20418

Tuesday, October 15, 2019

OPEN SESSION

- 8:00 a.m. *Room opens*
- 8:55 a.m. Meeting convenes; Welcome and introductions Ray Colladay, Chair
Roundtable Participants
- 9:00 a.m. Opening Remarks Bob Pearce, ARMD Acting Associate Administrator, NASA
- 10:00 a.m. UAM Use Cases Ed Waggoner, NASA
- High-level overview of how UAM Maturity Levels (UMLs) unlock use cases
 - Discussion on Member perspective on use cases and how the proposed UMLs address those uses cases
- 11:15 a.m. *Break (15 minutes)*
- 11:30 a.m. Discussion on Use Cases (continues)
- 12:30p.m. *Luncheon Speaker*
Model to Explore Business Cases and Use Cases for UAM Michael J. Dymont
Founder and Managing Partner
NEXA Capital Partners, LLC
- 1:30 p.m. UAM Airspace Integration
Panel to Facilitate Discussion:
- How UTM TCL-4 will influence UAM GC planning Joey Rios, NASA
 - How we are extending the UTM paradigm to UAM, and William Chan, NASA
How that system is being used for the GC
 - FAA strategy for UTM/UAM airspace integration Steve Bradford, FAA
- 2:15 p.m. Discussion on UAM Airspace Integration (continues)
- 3:00 p.m. *Break (15 minutes)*

3:15 p.m.	Discussion	
3:45 p.m.	Update on UAM Research and Technology Committee	Peter Shannon
4:15 p.m.	Roundtable Member Comments – Closing Remarks	Ray Colladay, Chair Roundtable Participants
5:00 p.m.	<i>Meeting Adjourns</i>	

Last updated: October 11, 5:00 p.m.

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 not 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.