

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

Aeronautics Research and Technology Roundtable
May 16, 2023
National Academies Building, Board Room
2101 Constitution Ave, NW
Washington, DC 20418

May 16, 2023

Livestream Link: <https://vimeo.com/event/3365911>

OPEN SESSION

HYBRID MEETING

8:55 a.m.	Meeting Convenes, Welcome and Introductions	John Langford, Chair Roundtable Participants Bob Pearce, ARMD Associate Administrator, NASA
9:15 a.m.	NASA Update	Bob Pearce, ARMD Associate Administrator, NASA
9:45 a.m.	<i>Break</i>	
10:00 a.m.	Panel – Airline Perspective on Airline Sustainability	Tim Pohle, A4A (moderator)
	Airline perspective and plans and strategies for net zero emissions. Where are airlines looking for technical advances to support their plans?	
	Panel Members: • Jill Blickstein, American Airlines (virtual) • Scott Coughlan, Alaska Airlines (in-person) • Chris Lorence, GE Aerospace (in-person)	
11:00 a.m.	Discussion	Roundtable Participants
12:00 p.m.	<i>Lunch</i>	
1:00 p.m.	Wildland Fire Management	Steve Clarke, ARMD Deputy AA, NASA
1:45 p.m.	Meeting of Experts	Steve Clarke, ARMD Deputy AA, NASA

2:15 p.m.	Cryogenics Workshop at Glenn Research Center	John Cavolowsky, NASA
3:00 p.m.	<i>Break</i>	
3:15 p.m.	Discussion	Roundtable Participants
3:45 p.m.	Roundtable Member Comments	John Langford, Chair Roundtable Participants
4:30 p.m.	Roundtable Member Closing Comments • Additional Member Discussion • Closing Remarks	John Langford, Chair Roundtable Participants
5:00 p.m.	<i>Meeting Adjourns</i>	

Last updated: May 3, 2023

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.