

# Aeronautics Research and Technology Roundtable

February 14, 2024

Hybrid Meeting

In Person at Keck 100, 500 Fifth Street, NW, Washington, DC 20001

Online via Zoom and Livestream

WEDNESDAY, FEBRUARY 14, 2024

## OPEN SESSION

Zoom Remote Access – Open Session

Livestream: <https://vimeo.com/event/4063271>

CLICK HERE TO JOIN

8:55 AM	Meeting Convenes, Welcome and Introductions	John Langford, Chair Bob Pearce, ARMD Associate Administrator, NASA
9:15 AM	NASA Update	Bob Pearce Bob Pearce, ARMD Associate Administrator, NASA
9:15 AM	Break (15 minutes)	
10:00 AM	Air Traffic Modernization -Vision Alignment -How NASA works with FAA -The path forward through Info-Centric NAS to Sky for All	Akbar Sultan, NASA Steve Bradford, FAA
11:15 AM	Discussion	Roundtable Participants
12:00 PM	Working Lunch for Members, Speakers, and Staff (60 minutes)	
1:00 PM	Contrail Research -NASA Research --NASA Research and Partnerships --Context for Contrails --Research, Planning, and Coordination --NASA Contrails Working Group -FAA Collaboration -Boeing Collaboration	Rich Wahls, NASA       Anna Oldani, FAA Mike Sinnett, Boeing
2:15 PM	Discussion	Roundtable Participants
3:00 PM	Break (15 minutes)	
3:15 PM	Discussion	Roundtable Participants

## **Aeronautics Research and Technology Roundtable, Winter 2024 Meeting February 14, 2024**

<b>3:45 PM</b>	<b>Roundtable Member Comments</b>	<b>John Langford, Chair Roundtable Participants</b>
<b>4:30 PM</b>	<b>Roundtable Member Closing Comments -Additional Member Discussion -Closing Remarks</b>	<b>John Langford, Chair Roundtable Participants</b>
<b>5:00 PM</b>	<b>Meeting Adjourns</b>	

### **Invited Guests:**

Paul Fontaine, FAA Assistant Administrator for NextGen  
Laurence Wildgoose, FAA AA for International Affairs, Policy, and Environment  
Steve Bradford, FAA Chief Scientist for Architecture and NextGen Development  
Julie Marks, FAA Acting Executive Director, Office of Environment and Energy  
Richard Moore, NASA Science Mission Directorate  
Anna Oldani, FAA Chief Scientist for Environment & Energy

Kevin Welsh, Chief Sustainability Officer, A4A  
Jill Blickstein, American Airlines  
Chris Lorence, GE Aerospace  
Steve Csonka, Commercial Aviation Alternative Fuels Initiative (CAAFI)  
Hannah Brady, Environmental Sustainability Manager, A4A

### **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.

## **Aeronautics Research and Technology Roundtable, Winter 2024 Meeting February 14, 2024**

Website: <https://www.nationalacademies.org/our-work/aeronautics-research-and-technology-roundtable>

### **IMPORTANT NOTES**

#### **Presenters:**

- Please do not include unpublished data, ITAR-controlled or sensitive information in your presentation.
- A National Academies Board staff member will ask you to sign a form before the meeting allowing us permission to use your likeness and presentation for our livestream video, which will be posted on our Board website after the meeting. Please get in touch with us before the meeting if you have any concerns about this usage.

#### **Roundtable Members and Presenters:**

- Remote access will be provided through Zoom. This will allow you to participate in the meeting even if you can't be physically present.
- Please note that Zoom allows audio and any materials exchanged or viewed during the session to be recorded and shared.
- By participating in this activity, you agree to let your voice, likeness, and any materials you provide be recorded for use and dissemination. This includes any language, format, or media now known or later devised.
- You release the National Academies of Sciences, Engineering, and Medicine from any and all claims, liability, or damages arising from any such use. If you disagree, please do not join the session.

#### **Members of the General Public:**

- Remote access will be provided through a live stream on Vimeo. This will also be publicly available and posted on the Board website. You do not need to register.

**Free parking is available in the Keck Building. Go to the parking entrance on 6<sup>th</sup> Street (opposite side of the main building entrance) and talk to the security guard, who will provide you a parking pass for the P1 level of the building.**

**Thank you all for your cooperation, and we look forward to a successful meeting.**