

**FALL 2017 MEETING OF THE
AERONAUTICS AND SPACE ENGINEERING BOARD**
160th Meeting
Wednesday October 11th – 13th, 2017
DRAFT AGENDA

Day 1 – October 11th

National Academy of Sciences — Members Room
2101 Constitution Ave., N.W., Washington, D.C.
(Parking lot entrance is on the corner of 21st St. NW and C St. NW)

CLOSED EXECUTIVE SESSION		
8:00 AM	<i>Breakfast Available</i>	
9:00 AM	Board Discussions	
9:45 AM	<i>Short Break</i>	
OPEN SESSION		
Focus on Space Technology		
10:00 AM	Welcome and Introductions	<i>Alan Epstein, Chair</i>
10:05 AM	Update from NASA-Office of Chief Technologist (20 minute presentation & 15 minute discussion) • Innovation at NASA – How can ASEB help? • Future of technology roadmapping	<i>Vicki Crisp, NASA Deputy Chief Technologist (Acting)</i>
10:40 AM	Report on October 2017 STIGUR Meeting (10 minute presentation & 10 minute discussion)	<i>Wanda Sigur, STIGUR Chair</i>
11:00 AM	Update from DARPA - Tactical Technology Office (20 minute presentation & 10 minute discussion)	<i>Jeremy Palmer, DARPA/TTO</i>
11:30 AM	Update from DOD/USAF (20 minute presentation & 10 minute discussion)	<i>Chris Shank, DOD/USAF</i>
12:00 PM	<i>Working Lunch (informal discussions continue over lunch)</i>	
OPEN SESSION		
Focus on Human Exploration		
1:00 PM	Update on Deep Space Gateway and Journey to Mars (20 minute presentation & 10 minute discussion)	<i>TBD</i>
1:30 PM	Update from HEO-Advanced Exploration Systems (20 minute presentation & 10 minute discussion)	<i>TBD</i>
2:00 PM	Report from CBPSS Standing Committee (20 minute presentation & 10 minute discussion)	<i>Betsy Cantwell, CBPSS Co-Chair ASEB Vice Chair</i>
2:30 PM	BREAK	
CLOSED EXECUTIVE SESSION		
2:50 PM	Board Discussions	
5:00 PM	<i>Meeting Closes for Dinner at 6:00pm</i>	

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Day 2 – October 12th

National Academy of Sciences — Lecture Room

Specific themes for each session and the names of moderators, panelists, and other speakers are still under development.

Attendance by pre-registration only owing to the capacity of the meeting room

7:30 am **Room Opens** (Breakfast Available)

Opening Session

8:30 am	Meeting Convenes	Michael Moloney , National Academies, Director for Space and Aeronautics
8:35 am	Welcoming Remarks	Alan Epstein , ASEB Chair
8:45 am	Opening Remarks	Robert Lightfoot , NASA Acting Administrator

Session 1: 1958-2017: 60 Years of Aviation and Aeronautics in the Jet Age

9:00 am	Panel Discussion with Audience Participation	Moderator: Robie Samanta Roy , ASEB <ul style="list-style-type: none">• Richard Hallion, Florida Polytechnic University• Jaiwon Shin or Deputy, NASA ARMD• Bob van der Linden, NASM
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10:15 am **BREAK** – Coffee Available

Session 2: Current Challenges for Aviation

10:45 am	Panel Discussion with Audience Participation	Moderator: Valerie Manning , ASEB <ul style="list-style-type: none">• John Hansman, MIT• Nancy Young, A4A• Dan Elwell, FAA Deputy Administrator• John-Paul Clarke, Georgia Tech
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Audience Joins the Discussion

Lunch Presentation

12:00 pm **Keynote Speaker** **Richard Aboulafia**, Teal Group

Session 3: Future Visions – Commercial Air Travel

1:15 pm	Panel Discussion with Audience Participation	Moderator: Mark Lewis , ASEB <ul style="list-style-type: none">• Pierre Chao, Enlightenment Capital• Graham Warwick, Aviation Week• Robert Liebeck, Boeing• Juan Alonso, Stanford
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2:30 pm **BREAK** – Coffee Available

Session 4: Future Visions – New Directions for Aviation

3:00 pm **Panel Discussion with Audience Participation**

Moderator: Nick Lappos, ASEB

- **Ilan Kroo**, Stanford
- **John Langford**, Aurora
- **Pradeep Fernandes**, Boeing HorizonX
- **Gur Kimchi** (TBC), Amazon Prime Air

Symposium Summary Discussion

4:15 pm **Summary Thoughts on Key Themes and Issues Raised During the Symposium and Concluding Remarks**

Jaiwon Shin, NASA ARMD
Alan Epstein, ASEB Chair

4:30 pm **Closing Remarks and Discussion**

All

4:45 pm **Symposium Closes**

Reception

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8:00 AM *Breakfast Available*

CLOSED EXECUTIVE SESSION
DISCUSSION OF ONGOING ACTIVITIES & WRAP UP

9:00 AM **Board Discussions**

11:45 PM *Meeting Adjourns and Lunch Available*