

THE NATIONAL ACADEMIES

Advisers to the Nation on Science, Engineering, and Medicine

AERONAUTICS AND SPACE ENGINEERING BOARD

2011 Fall Meeting,

Huntington Room, NRC Beckman Center, 100 Academy, Irvine CA

October 18-19, 2011

AGENDA

TUESDAY, OCTOBER 18, 2011

Breakfast available at the Beckman Center from 7:30 am

EXECUTIVE SESSION (ASEB MEMBERS ONLY)

8:45 am	<i>Introductions and Opening Remarks</i>	<i>Les Lyles, ASEB Vice Chair</i>
8:50 am	<i>Board Discussions</i>	
11:00 am	<i>Short Break</i>	

OPEN SESSION

FOCUS SESSION ON THE DECADAL SURVEY ON AERONAUTICS

11:10 am	<i>Introductions and Opening Remarks</i>	<i>Ray Colladay, ASEB Chair</i>
11:15 am	<i>A recap on the 2006 Aeronautics Decadal Survey</i> • What were its origins and key elements of its scope? • Key features of its organization? • What were the findings and recommendations?	<i>Ray Colladay & Ivett Leyva – Survey Steering Committee members</i>
11:50 am	<i>Perspective from NASA on the last decadal</i>	<i>Jaiwon Shin, NASA-ARMD</i>
12:30 pm	<i>Lunch</i>	
1:30 pm	<i>Discussion on the next NRC Decadal:</i> • How should the charge differ? • What are the key deliverables? • Timing of the study?	<i>All</i>
2:50 pm	<i>Summary of the discussions and next steps</i>	<i>Les Lyles, ASEB Vice Chair</i>
3:00 pm	<i>Report on Activities of Aeronautics Research and Technology Roundtable and Future Plans (10 mins) and Discussion (20 mins)</i>	<i>Dwayne Day, Roundtable Staff Officer</i>
3:30 pm	<i>Break</i>	
3:50 pm	<i>Continued discussion with ARMD</i>	<i>All</i>
4:30 pm	<i>Reception Beckman – Center</i>	
5:30 pm	<i>Dinner (90-120mins) – Beckman Center Dining Room</i>	

WEDNESDAY, OCTOBER 19, 2011

Breakfast available at the Beckman Center from 7:30 am

OPEN SESSION FOCUS SESSION ON RECENT ASEB SPACE REPORTS		
8:30 am	Welcome and Introductions	Ray Colladay, ASEB Chair
8:35 am	Recent Report Recap: Orbital Debris	Don Kessler, Study Chair (by video link from Keck)
9:05 am	Response from NASA	John Lyver, NASA-OSMA (by video link from Keck)
9:20 am	Discussion (20 mins)	Board Members and Guests
9:40 am	<i>Break</i>	
10:00 am	Recent Report Recap: Spaceflight Crew Office	Joe Rothenberg, Study Chair
10:30 am	Response from NASA, Chief Astronaut	Peggy Whitson, NASA
10:45 am	Discussion (20 mins)	Board Members and Guests
OPEN SESSION FOCUS SESSION ON LAUNCH CAPABILITIES		
11:05 am	AF plans for a reusable booster system and the new NRC study (20 min presentation & 25 minute discussion)	Doug Beason, AFSC Chief Scientist (TBC)
12:00 pm	<i>Lunch</i>	
12:45pm	An AIAA assessment of the current launch system industrial base (15 min presentation & 20 minute discussion)	Ray Johnson, Vice President of Space Launch Operations for the Aerospace Corp.
1:20 pm	Discussion of US launch capabilities – focusing on areas of possible ASEB activity	Board Members and Guests
2:20 pm	<i>Break</i>	
EXECUTIVE SESSION (ASEB MEMBERS ONLY)		
2:40 pm	<i>Board Discussions</i>	
4:30 pm	<i>Adjourn</i>	