

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	Introductions and Opening Remarks	Les Lyles, ASEB Vice Chair
8:50 am	Board Discussions	
11:00 am	Short Break	
OPEN SESSION FOCUS SESSION ON THE DECADAL SURVEY ON AERONAUTICS		
11:10 am	Introductions and Opening Remarks	Ray Colladay, ASEB Chair
11:15 am	A recap on the 2006 Aeronautics Decadal Survey <ul style="list-style-type: none">• What were its origins and key elements of its scope?• Key features of its organization?• What were the findings and recommendations?	Ray Colladay & Ivett Leyva – Survey Steering Committee members
11:50 am	Perspective from NASA on the last decadal	Jaiwon Shin, NASA-ARMD
12:30 pm	Lunch	
1:30 pm	Discussion on the next NRC Decadal: <ul style="list-style-type: none">• How should the charge differ?• What are the key deliverables?• Timing of the study?	All
2:50 pm	Summary of the discussions and next steps	Les Lyles, ASEB Vice Chair
3:00 pm	Report on Activities of Aeronautics Research and Technology Roundtable and Future Plans (10 mins) and Discussion (20 mins)	Dwayne Day, Roundtable Staff Officer
3:30 pm	Break	
3:50 pm	Continued discussion with ARMD	All
4:30 pm	Reception Beckman – Center	
5:30 pm	Dinner (90-120mins) – Beckman Center Dining Room	

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>	