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Aeronautics and Space Engineering Board

500 Fifth Street, NW
Washington, DC 20001
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Aeronautics Research and Technology Roundtable

Meeting 5

August 23, 2013

NAS Keck Building Room 100

500 Fifth Street, NW, Washington, DC 20001

AGENDA

Friday, August 23, 2013

OPEN SESSION

8:00 am	Rooms opens (breakfast available in the room)	
9:00 am	Meeting convenes; opening remarks	Tom Irvine ARMD, NASA
9:05 am	Overview/Introductions	John Tracy, <i>Chair</i>
9:15 am	ARMD/ISRP Overview	Edgar Waggoner ARMD, NASA
9:35 am	Advanced Composites Project Overview	Richard Young ARMD, NASA
10:45 am	Break (15 minutes)	
11:00 am	Technical Challenges	Richard Young
12:00 pm	Working lunch; discussion continues	
1:00 pm	Break-out Sessions and Dialogue with Subject Matter Experts (Three separate groups to discuss and develop responses to three questions)	
2:30 pm	Resume in Room 100	
2:45 pm	Brief of Break-out Sessions and Group Discussion	
3:00 pm	Subject Matter Experts Caucus	John Tracy
4:00 pm	Meeting adjourns	

Terms of Reference for the Meeting

The National Research Council's (NRC's) Aeronautics Research and Technology Roundtable (ARTR) will host a meeting of experts on behalf of NASA's Aeronautics Research Mission Directorate (ARMD). The focus of the meeting will be on NASA's plans for integrated system-level research to accelerate the development and certification of advanced composite structures and materials. The purpose of this meeting is to bring together a broad cross-section of subject-matter experts in government, industry, and academia to solicit comments and observations on the plans that NASA has developed. This meeting is designed to be an open exchange of information and ideas and does not have a consensus report or any formal recommendations as outcomes. The participants are speaking for themselves, and the NRC will provide no recommendations or endorsement of views made at the meeting.

The meeting will be chaired by Dr. John Tracy of The Boeing Company, and Chair of the Aeronautics Research and Technology Roundtable. Participants at this meeting will include NASA employees, representatives of the NRC's Aeronautics Research and Technology Roundtable, and other invited subject-matter experts from government, industry and academia. The meeting will be open to participation of members of the general public, though discussion during most of the meeting will be limited to the invited participants.

NASA will give a high level overview of the challenges that exist to warrant the start up of a project on Advanced Composites, where the project will fit programmatically within the NASA Aeronautics portfolio, and the budget available for the efforts. In addition, NASA will present on the scope of the project and the technical challenges that will be addressed. The chair and the subject matter experts will then be asked to split into three break-out sessions and engage in a dialogue with the NASA project planning team on the technical plans for the project. NASA is requesting feedback, comments and observations from the invited experts in the following areas:

- Is the Project addressing the right technical challenges to achieve the project goal?
- Are the proposed technical approaches sound and likely to achieve significant progress to address the technical challenges?
- Is the scope of the project in concert with the funding levels and timeline for completion?

It is requested that the chair, with assistance from NASA provided notes takers, summarize the key comments and observations from the three break-out sessions and present them to the re-convened full group of invited experts and NASA participants.

The NASA project planning team will then consider the feedback received at the meeting as they move forward in finalizing the project plans for project implementation on October 1, 2013. The NASA disposition of the feedback received at the meeting will be provided to the NRC Aeronautics Research and Technology Roundtable as the project plans are finalized.

Forms will be made available to the invited experts and general public attendees to provide additional written comments and observations to submit to NASA either at the conclusion of the meeting or up to one week later.

Last updated: August 23, 4:00 PM