

Upper Stage (US)

Stage Operations: The AS42 Logistics Engineering Team delivered the first full-scale Common Bulkhead Manufacturing Demonstration Article (CBMDA) aft dome to United Launch Alliance (ULA) in Decatur, AL, for cleaning and priming on May 25. The cleaning and priming operations in ULA's extensive facilities will take 2 weeks, after which the dome will be returned to Marshall Space Flight Center (MSFC) by AS42 for further processing of adhesive and honeycomb attachment.

The CBMDA will demonstrate that the US Manufacturing & Assembly (M&A) team has assessed the hardware material properties and manufacturability to a high enough level for design confidence to proceed at the Critical Design Review (CDR) level.



CBMDA Aft Dome

Stage Definition: Four Roll Control System (RoCS) team members have received American Institute of Aeronautics and Astronautics (AIAA) Certificates of Merit, recognizing technical and scientific excellence. Adam Butt, Chris Popp, Hank Pitts, and David Sharp were co-authors on a technical paper, "NASA Ares I Launch Vehicle Roll and Reaction Control Systems Design Status," which has been named the 2009 AIAA Best Paper by the AIAA Liquid Propulsion Technical Committee. The four RoCS team members will be recognized at an awards luncheon on July 28 during the AIAA Joint Propulsion Conference in Nashville, TN.



Project Integration

Lynn Fanning Elementary School Visit: The Ares Projects outreach team presented the NASA exploration story to kindergarten through fifth grade students at Lynn Fanning Elementary School, in Huntsville, AL. The team discussed NASA's mission, Ares progress, potential destinations for future exploration, and discussed a variety of jobs that NASA needs to support its work. Exhibits included scale models of the Space Shuttle and the Ares I-X. The graphics/multimedia team designed a poster that was left with the school to support its Space Week activities.



***Have a safe and enjoyable
Memorial Day weekend!***



The Ares Projects look forward to the test firing of DM-2 on September 2, and the launch of STS-133, Space Shuttle Discovery, in mid-September.