



Upper Stage (US)

Stage Operations, Manufacturing and Assembly (M&A) Subsystem:

The first full-scale Common Bulkhead Manufacturing Demonstration Article (CBMDA) aft dome (with welded y-ring) has been returned to Marshall Space Flight Center (MSFC) from United Launch Alliance (ULA) in Decatur following cleaning and priming in ULA's extensive qualified facilities. Once the final primer cure has been completed in the MSFC Building 4707 oven, the dome will be ready for honeycomb application and curing.



CBMDA Aft Dome En Route to MSFC



MSFC Engineers Preparing CBMDA Aft Dome for Final Priming

The CBMDA will demonstrate that the Upper Stage Manufacturing & Assembly team has attained enough design confidence in the hardware manufacturability and processing to proceed at the Critical Design Review level.

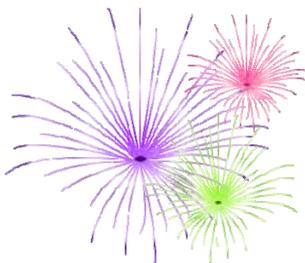
Project Integration:



Marshall Technology Expo: The Ares Projects outreach team exhibited the newly developed “Ares Progress” exhibit with the progress pop-up display and the 5-year progress video during the Marshall Technology Expo on June 23. The Expo showcased Marshall’s technology development capabilities and technologies developed for Marshall programs.

Ares Quarterly Progress Report: Ares released Quarterly Progress Report #16 to the public on June 23. The video is available from the NASA web site, YouTube, and iTunes. The release was also announced via the Ares Projects Office Facebook page, where the announcement has received 13,000 views since June 24.

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 the fall.



Have a safe and happy 4th of July weekend!

