



Upper Stage Engine (USE)

Test Stand A-3: Test Stand A-3 construction is continuing at Stennis Space Center (SSC). Progress can be observed on the shop building, propellant barge docks, and Chemical Steam Generator (CSG) tanks, as well as miscellaneous piping. The crane that will be used to install the diffuser, test cell, and propellant tanks is being mobilized.



A-3 Construction Site as seen from Test Stand A-1



A-3 Construction Site as seen from Test Stand A-2

Upper Stage (US)

Manufacturing & Assembly Subsystem: Engineers in MSFC Building 4755 recently conducted a successful weld of the Upper Stage Common Bulkhead Manufacturing Demonstration Article (CBMDA) forward dome-to-y-ring. This activity complements the aft dome-to-y-ring weld effort completed earlier this spring. The CBMDA will demonstrate that the Upper Stage Manufacturing & Assembly team has assessed the hardware material properties and manufacturability to a high enough level for design confidence to proceed at the Critical Design Review level.



CBMDA Forward Dome and Y-Ring

Project Integration (PI)

MSFC Exhibit at Bridge Street Town Center: The Ares Projects outreach team staffed the Marshall Center exhibit at Bridge Street Town Center on June 6. The exhibit included an Ares I-X model and many other key NASA/Marshall accomplishments.

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