

### Upper Stage Engine (USE)

*Continued J-2X Work at Stennis Space Center (SSC):* Work continues on the J-2X Assembly Stands in the Engine Assembly Facility, Building 9101, at SSC. The back wall is nearly complete. This wall includes cutouts for pneumatic panels and calibrated tool storage, as well as providing support for booms that deliver necessary resources to each of the three build stands.



*The first build platform in the process of being delivered and installed.*

### Upper Stage (US)

*Avionics & Software Subsystem:* Ship Set # 1 of the Ares I US flight computer brass board development units was delivered to Marshall Space Flight Center from Ball Aerospace via Boeing on August 26, and completed the NASA quality inspection on September 7. Ship Set # 1 is currently located in the Software Development Lab. These units will be used in an Ares I avionics and software demonstration tentatively scheduled for September 30.

***The Ares Projects look forward to the launch of STS-133, Space Shuttle Discovery, on November 1.***