

ORION

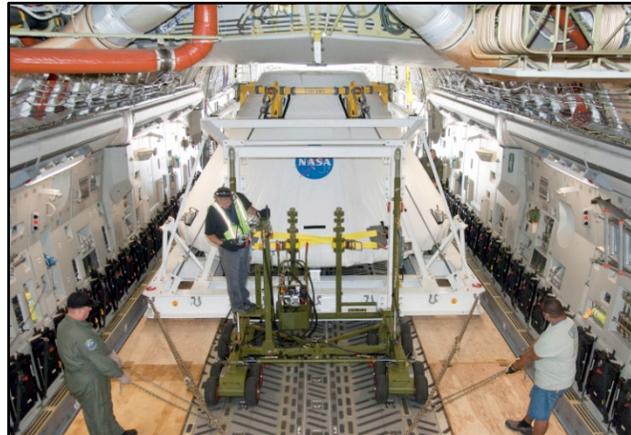
CREW EXPLORATION VEHICLE

WEEKLY ACCOMPLISHMENTS



08.14.09

 **The Crew Module Flight Test Article was transported from the Dryden Flight Research Center in preparation for the Pad Abort-1 testing in January.** Shown in the banner above is the C-17 Cargo plane taking off en route to Holloman Air Force Base. Shown to the right is the Crew Module being loaded into the C-17 for transport. Shown below left is the Crew Module being unloaded from the C-17 at Holliman and the Crew Module loaded ready for transport (below right).



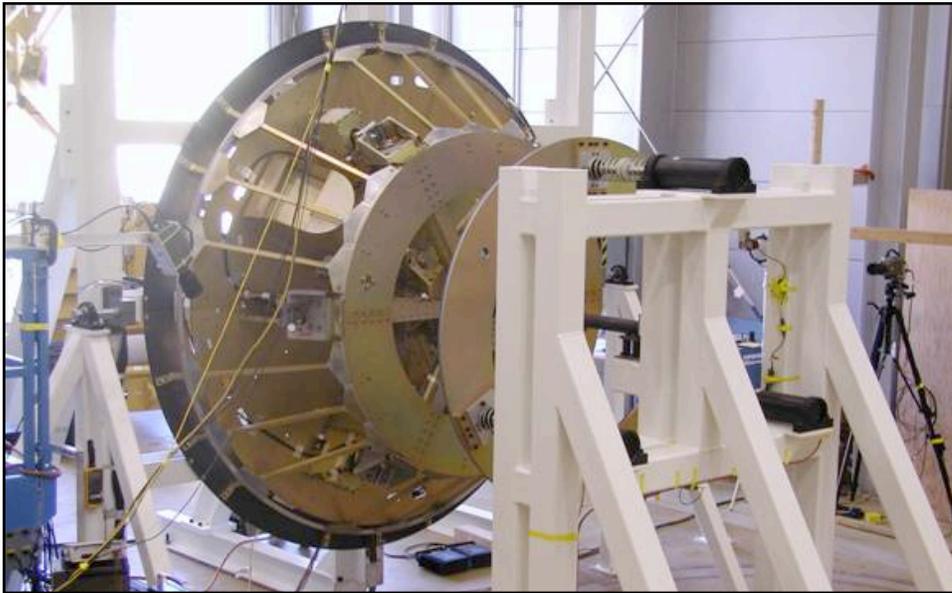
 **The Launch Abort System Pad Abort-1 integration team is wrapping up phase-I of the White Sands Missile Range Operations.** This week the Attitude Control Motor fit check and repack was completed. The team is working to complete the Remote Data Acquisition Unit (RDAU) staking and the canard harness chafing rework. Once these items are finished, paperwork will complete Phase-I. Phase-II is scheduled to start Sept 15.

 **The Mobile Operations Facility (MOF pictured right) and Vehicle Integration Van (VIV) arrived at White Sands Missile Range in preparation for Pad Abort-1 integration operations.**





Articles are moving into position for the full functional test of the Pad Abort-1 Forward Bay Cover Jettison (shown in photo below.) The test is scheduled for the week of August 24th at the Lockheed Martin Waterton Facility in Denver, Co.



The Orion Preliminary Design Review (PDR) pre-board continues to make excellent progress. The Orion team is preparing for PDR Board to occur on Aug 31.



Richard Harris, Orion Deputy PM, and Lloyd Gregg, USA PM, took the Florida Secretary of Transportation Stephanie Kopelousos, Florida District 29 representative Ralph Poppell and Florida District 30 representative Ritch Workman (shown below) through the Orion manufacturing in the Operations and Checkout Facility at Kennedy Space Center. The State delegation was pleased with the progress to date and looked forward to coming back in the fall to see the first manufacturing tools installed and ultimately the first flight hardware arrivals in late 2011.

