



# countdown

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## Boosters stacked for Atlantis and STS-122

◆ **Shuttle Update:** In Orbiter Processing Facility bay No. 1, workers have installed the main engine heat shields on **Atlantis**. Engine integrated testing and mate operations are complete. Technicians have also completed checkout of the water spray boiler system. Functional checkout of the external tank doors is finished. Midbody closeout and inspection work continues, with final payload bay door closure scheduled for this week.

In the Vehicle Assembly Building, processing continues on ET-125, the external fuel tank for the STS-122 mission, including modifications to the liquid oxygen feedline support bracket foam. In high bay No. 3, stacking of the solid rocket boosters is under way. The right forward center booster segment was lifted into the high bay Oct. 4, and the left forward center segment was transferred to the assembly building and lifted to the stack Oct. 6.

In Orbiter Processing Facility bay No. 2, servicing of Freon coolant loop No. 1 is complete on **Endeavour**. Windows No. 3 and 4 were removed and replaced. Technicians continue inspecting the main propulsion system flow liners, feedlines and gimbal joints. The fuel cell single-cell voltage test is finished. Preparations for installation of BRI tile around the main landing gear doors are under way. The BRI tile is a stronger tile designed for critical areas on the orbiter. Work is in progress to configure Endeavour's payload bay for the STS-123 hardware.

◆ **Launch Update:** The STS-120 crew members wrapped up their launch

countdown dress rehearsal on Wednesday. After arriving on Sunday, they spent two days in emergency egress training and payload familiarization.

Out of the six astronauts, Mission Specialist Scott Parazynski has the most time in space, making his fifth flight on mission STS-120. Commander Pamela Melroy is making her third, and Mission Specialist Stephanie Wilson her second. Melroy is only the second woman to command a shuttle mission.

■ **Influenza Vaccine 2007 – 2008** — The Occupational Health Facility has received a supply of influenza vaccine for the 2007-2008 flu season. The vaccine will be administered on a first-come, first-served basis during normal clinic hours:

**Occupational Health Facility** (KSC Industrial Area), 7 a.m. to 5 p.m. Monday through Friday.

**Launch Area Clinic** (KSC LC-39 Area, MFF Facility) 7 a.m. to 3 p.m. (no appointment necessary) Monday through Friday.

■ **Fire Prevention Week** — Space Gateway Support Fire Protection Services would like to teach families how to keep fires from starting in the first place. Here are some fast facts and safety tips:

### *Electric vs. Gas Ovens/Stoves*

- ◆ Three in 10 reported home fires start in the kitchen -- more than any other place in the home. Two out of three reported home cooking fires start with the range or stove.
- ◆ Electric ranges or stoves have a

higher risk of causing fires, injuries and property damage compared to gas ranges or stoves, but gas ranges or stoves have a higher risk of fire deaths.

- ◆ Between 2001-2005, there were an average of 114,000 reported home fires with cooking equipment per year, resulting in an annual 290 deaths and 4,380 injuries.
- ◆ Unattended cooking is the leading cause of home cooking fires.

■ **October is National Disability Employment Awareness Month, or NDEAM** — On Oct. 26, at 10 a.m., the KSC Disability Action and Awareness Working Group will host a NDEAM event at the KSC Training Auditorium. The event will feature guest speaker Marc Buoniconti and a Disability Information Fair before and after the program.

Marc, the son of legendary All-Pro and Hall of Fame linebacker and former Miami Dolphin Nick Buoniconti, serves as ambassador for the Miami Project to Cure Paralysis and president of the Buoniconti Fund to Cure Paralysis, the Miami Project's international fundraising arm. Visit [www.thebuonicontifund.com](http://www.thebuonicontifund.com) for more information about Marc. For more information about NDEAM, go to <http://www.dol.gov/odep/pubs/ndeam07.htm>.

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