



countdown

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External tank/SRB mate complete, ready for Discovery rolover



◆ **Shuttle Update:** In OPF bay 3 last week, forward and aft closeout work continued on **Discovery**. The mid-body and crew deck closeouts were completed. The orbiter's main

engines have been configured for rolover on Sept. 19. Workers installed hard covers on the orbiter's windows.

Stacking and closeout of the STS-120 solid rocket boosters in the VAB were finished and the external fuel tank was mated to the boosters on Wednesday.

In OPF bay 1, workers continue making modifications to the engine cut-off sensor wiring of Atlantis. This work involves rerouting new wires and installing new resistors.

In OPF bay 2, two of **Endeavour's** tiles damaged during the flight of STS-118 have been removed for inspection and testing. The orbiter structure beneath the tile impact area has been inspected and engineers have found no evidence of heat-related damage. Additionally, three-dimensional measurements of the damage site found no appreciable change in volume resulting from heat effects.

Also during inspections, two micro-meteorite impacts were observed on the payload bay door radiators. They did not damage any of the radiator Freon coolant loops and did not reach the outer skin of the payload bay doors. These impact areas can be repaired.

Thermography inspection of the left and right-hand wing leading edge RCC panels is under way. Preparations are being made for the forward reaction control system functional test. The orbiter's three

main engines were removed this week.

◆ **Be A Safe Driver:** Center Director Bill Parsons, in conjunction with the KSC Protective Services Office, requests your cooperation in obeying the posted speed limits while driving on KSC property. Safety is the number-one NASA core value. KSC employees should set the example for all drivers by obeying the posted speed limits while driving on KSC property.

KSC employees who exceed the posted speed are subject to a KSC administrative citation which could result in suspension of driving privileges while on KSC property. Point values assessed against your KSC driving privileges can be found in KNPR 1600.1, Chapter 19.

The KSC Protective Services Office are now partnering with SGS security police in a selective enforcement campaign for KSC roadways. These selective enforcement efforts will be posted in advance in an effort to get the KSC workforce to slow down, obey the posted speed limit and, above all, to maintain a safe environment for drivers, passengers and pedestrians.

For more information regarding traffic rules or selective traffic enforcement, contact Special Agent Roger Langevin at 867-3441 or send e-mail to roger.g.langevin@nasa.gov.

■ **Construction of the O&C Revitalization, Phase 2 Has Started** — The construction includes the north wing, third floor west half, as well as an electrical duct bank in front of the O&C Building. The third floor west half is now closed to all personnel not directly in-

Center strives for safer driving through speed limit enforcement

involved with the project. A fence will be installed on the northwest corner to isolate the staging area of the contractors. Additional ADA parking has been made available at the west end of the building. Motorcycle parking will be relocated west outside of the staging area and there will be minor re-routing of traffic on the west end.

■ **Protect Yourself From Mosquito-Borne Illnesses** — The Health Department has summed up advice about prevention as the Five D's:

- ◆ **Dusk and Dawn** - At these times of the day, mosquitoes are most likely to be feeding. Extra care and protection should be taken if outdoors during these hours.
- ◆ **Dress** - Wear light-colored clothing, long pants, a long-sleeved shirt, socks and shoes.
- ◆ **DEET** - Apply according to manufacturer's instructions.
- ◆ **Drainage** - Allow no standing water anywhere. This is the perfect breeding place for mosquitoes.

For additional information on mosquito-borne diseases such as West Nile virus, contact the KSC Occupational Health Facility at 867-3346 or go to the Centers for Disease Control Web site at <http://www.cdc.gov/ncidod/dvbid/westnile/index.htm>.

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