



## SRB segments on the move to VAB for stacking

▲ **Shuttle Update:** The aft skirt and lower segment of the Solid Rocket Booster (SRB) being prepared for Return to Flight on mission STS-114 move through the open doors of the Vehicle Assembly Building (photo below). The segments will be prepared for stacking with the other segments arriving later.



On *Atlantis*, final power-down work continues in the Orbiter Processing Facility prior to the scheduled power-up of *Atlantis* in December. During the

extensive power-down period, technicians performed Return to Flight modifications including wiring installation for the External Tank separation camera, wing leading-edge sensors and relay units, and the Orbiter Boom Sensor System.

Fuel cell No. 1 was installed last week. Fuel cells use oxygen and hydrogen to provide electrical power and water during a mission. In the midbody of the orbiter, installation of the left side Manipulator Pedestal Mounts continue for the Shuttle robotic arm. These posts will support the arm when it's not in use. Freon

Coolant Loop No. 1, which cools electrical components during flight, was serviced last week.

▲ **NASA Update:** You are invited to join NASA Administrator Sean O'Keefe for a NASA Update from Headquarters in Washington. This live, interactive program is scheduled for 11 a.m. EST today. The Administrator will discuss various topics affecting the Agency. You are invited to ask questions from participating Centers and the main Headquarters auditorium. Join us for this special discussion with the Administrator. You can watch the NASA Update live on NASA Television and on the Web at <http://www.nasa.gov>.

■ **Education Opportunities** — Registration for **Webster University's** Spring term, running Jan. 8 through March 11, begins Nov. 29. The university's courses are conducted evenings and Saturdays at Merritt Island and Palm Bay campuses, and evenings at the Patrick Air Force Base campus. Current students can register by telephone, fax or e-mail, online through the Webster University Web site ([www.webster.edu/spacecoast](http://www.webster.edu/spacecoast)), or by visiting any of the campuses at 150 North Sykes Creek Parkway in Merritt Island, the Palm Bay Center located at the BCC Campus in Palm Bay, or at the Education Center at Patrick AFB. New students are

## NASA Administrator invites questions from employees during Update today

advised to call and schedule an appointment with an academic advisor. For further information, go to the Web site, call 321-449-4500, or e-mail [marxc@webster.edu](mailto:marxc@webster.edu).

■ **Holiday Shopping** — Beginning Nov. 26 through Dec. 24, all badged KSC and CCAFS employees receive a 30 percent discount at all Visitor Complex retail locations, including the Space Shop at the main Visitor Complex and the gift shop at the Astronaut Hall of Fame. Please present your badge at the "will call" ticket window to receive a complimentary limited admission ticket for shopping. You must present your badge at the time of purchase. This offer is not transferable and cannot be combined with any other discount.

■ **Another Holiday Special** — Universal Studios is offering a KSC employee holiday special from Dec. 10 – 19. Tickets are \$39 per person, which includes \$5 of script money. This script is redeemable for purchasing merchandise or food at Universal. Tickets go on sale **today** in all NASA Exchange stores.

■ **Did You Know?** Because of the Thanksgiving holiday, *KSC Countdown* will not be published on Thursday. **Happy Thanksgiving!**

