



## Rollout of Discovery may begin early Wednesday

## Atlas V booster segments arrive at CCAFS

### ▲ Return to Flight Update:

Rollout of Space Shuttle Discovery is now scheduled to begin no earlier than 2 a.m. Wednesday heading for Launch Pad 39B. The weather looks good for that morning, but is projected to get progressively worse in the afternoon.

On Friday a digital camera was mounted in the umbilical wheel well on the aft end of Discovery. The camera is being used to obtain and downlink high-resolution images of the disconnect point on the External Tank following its from the orbiter after launch. The Kodak camera will record 24 images, at one frame per 1.5 seconds, on a flash memory card. After orbital insertion, the crew will transfer the images from the memory card to a laptop computer. The files will then be downloaded through the Ku-band system to the Mission Control Center in Houston for analysis.

▲ **ELV Update:** Last week, two booster segments for the Atlas V arrived at the Cape Canaveral Air Force Station (CCAFS) and were transported to the Atlas Space Operations Center. The Atlas V, designated AV-007, is the launch vehicle for the Mars Reconnaissance Orbiter (MRO). The MRO is designed for a series of global mapping, regional survey and targeted observations from a near-polar, low-altitude Mars orbit.

Launch of the MRO is currently scheduled for Aug. 10 from Launch Pad 41 at CCAFS.



■ **You Can Help at the All American Picnic** — Volunteers are still needed for the picnic Saturday. Anyone who signs up to work two hours or more will be entered into a drawing for a free ticket to Sea World. At least **four** drawings will be held. Remember, this is not only a picnic, it is a celebration of our Shuttle Return to Flight, too! For details, please visit the Web site at <http://kscpicnic.ksc.nasa.gov>.



■ **Environmental and Energy Awareness Week (EEAW) Tour** — The Merritt Island National Wildlife Refuge (NWR) Visitor Center plans tours at 12:45 p.m. on April 20 and noon on April 21 from the EEA Welcome Tent. Departure is in front of the O&C Building on April 20, and from the VAB Area/Parking Lot E on April 21.

The Merritt Island NWR is an overlay of KSC and was established in 1963. The Refuge provides habitat for migratory birds and endangered species, and a place for people too. The Visitor Center is an interesting place to begin your refuge visit, as it contains exhibits, movies, trails and more. During your tour, you will visit the Center, go on a hike, and learn more about the refuge and some of its wild creatures.

Permission from your supervisor is needed for the tour, and space is limited. To participate, contact Shannah Trout at 867-8443.

■ **Did You Know? KSC telephone books can be recycled.** Start by removing all colored pages and the front and back covers of the book. Place all white pages in the sensitive-materials recycling container located throughout your facilities and place the colored pages in your mixed-office-paper recycling containers.

Recycling telephone books into new ones helped save precious resources. Help keep this valuable material out of our landfill! The participation of all employees at KSC is greatly appreciated. For Brevard County residents wishing to recycle your telephone books at home, please use your existing curbside recycling program or take your old phone books to the nearest drop-off location throughout the county.