



## Discovery rolls to VAB overnight for stacking

## Get discount tickets now for 2005 All American Picnic

▲ **Shuttle Update:** Discovery rolled over to the Vehicle Assembly Building overnight, achieving a major milestone in the march to Return to Flight. First movement began at 1:29 a.m., with arrival in the transfer aisle about an hour later. In the VAB, the External Tank will be attached to Discovery and preflight testing will be done.



▲ **Tickets and Volunteers for All American Picnic:** Tickets for the 2005 All American Picnic being held April 9 are now available. Discount tickets are available until April 6; after that, the price goes up. Discount adult tickets are \$5 and children's tickets (ages 3 to 12) are \$3.50. Afterward, prices jump to \$7 and \$5 respectively. Children ages 2 and younger are **free but must have a ticket**. Tickets are available at the HQ, O&C, SSPF and OSB Sundry Stores; KARS Country Store; Hangar I Annex, Room 204; and NSLD, Cube 659.

Also, volunteers are still needed. 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. Please visit the Web site at <http://kscpicnic.ksc.nasa.gov>.

■ **Another Side to NASA's Mercury History** — In 1960 and 1961, 13 highly accomplished women pilots underwent rigorous secret testing, hoping to be selected as astronauts. Never permitted to become astronauts, their story is a very interesting part of American history. Martha Ackmann, author of "The Mercury 13," related their story at KSC's Women's History Month presentation on March 2. The presentation is being replayed on NASA Channel 23 at 11 a.m. and 5 p.m. Thursday.

■ **NASA Science** — NASA's Deep Impact spacecraft has completed the commissioning phase of the mission begun soon after launch on Jan. 12.

The mission team verified the basic state of health of all subsystems and tested the operation of science instruments. The spacecraft's autonomous navigation system was activated and tested using the Moon and Jupiter as targets.

The spacecraft has now moved into the cruise phase, which will continue until about 60 days before the encounter with comet Tempel 1 on July 4. The spacecraft's high gain antenna, which will relay images and data of the cometary collision, was

activated and is operating properly. A trajectory correction maneuver was performed, refining the spacecraft's flight path to comet Tempel 1. The maneuver was so successful that a second one planned for March 31 has been cancelled.

■ **EEAW Reminder** — Dr. Ross McCluney from the Florida Solar Energy Center and Laurilee Thompson, founder of the Space Coast Birding and Wildlife Festival, are speaking at the EEAW Kickoff Breakfast at 8:30 a.m. April 20 in the SSPF Cafeteria. Tickets are required for the breakfast. They may be purchased through April 12 from *Kim Osgood*, HQ, 867-2518; *Catherine Hope*, O&C, 867-3056; *Scott Scrupski*, SSPF, 867-8105; *Allison Moree*, ARF, 861-8063; *Steve Geis*, Visitor Center, 449-4268; *Martha Pessararo*, PRF, 867-5405; and *Laura Sardella*, EHF, 867-3556.

■ **Did You Know?** An auction of approximately 140 lots is being held at Ransom Road Bldg. M6-1671. The inspection date is April 5 from 9:30 a.m. to 2 p.m. The sale date is April 6 at 9:30 a.m. For additional information, please call the Sales Information Line at 867-7605 or visit <http://surplus.ksc.nasa.gov> on the Web. *Note: Entrance to M6-1671 is via Space Commerce Way to Ransom Road.*