



KSC seeks goal of \$294,000 in annual charity campaign

Orbiters back on track for processing

Combined Federal Campaign: Center Director Jim Kennedy states, "I encourage you to be a part of the voluntary 2004 CFC campaign that officially [began] October 1. In the meantime, I invite you to explore the CFC Web site (<http://cfc.ksc.nasa.gov/>) and begin thinking about ways in which you can help 'improve the quality of life for all.' Participating in the CFC is a chance to support a cause that you believe in by making both your time and resources count. It's your choice and your statement!"

The annual campaign kicked off last Thursday with a special presentation in the Training Auditorium. The keynote speaker was retired U.S. Army Col. Danny McKnight.

▲ **Shuttle Update:** NASA's three Space Shuttle orbiters – Discovery, Atlantis and Endeavour – along with the Shuttle launch pads and all of the critical flight hardware for the orbiters and the International Space Station, sustained no damage during Hurricane Jeanne. Discovery was powered up Sept. 28 and the payload bay doors were opened. Atlantis and Endeavour also returned to pre-hurricane processing activities.

In the Orbiter Processing Facility, work is under way to install the new wing leading edge instrumentation on Discovery. The sensors are being placed on the backside of the Reinforced Carbon-Carbon (RCC) panels as impact detection devices and will relay information about acceleration and temperature.

Atlantis is currently in a power-down period, in which all of the critical path wiring inspections and Return to Flight electrical modifications will be completed. All right-hand radiators are installed. The final right-hand RCC spar fitting, a series of floating joints that attach the RCC to the wing leading edge, is installed.

■ **ELV Update** — Due to a failed pressure transducer on the Demonstration of Autonomous Rendezvous Technology (DART) upper stage, launch aboard a Pegasus XL from Vandenberg AFB in California has been rescheduled to no earlier than Oct. 26. The upper stage is necessary to deliver DART to its rendezvous point and to conduct proximity operations with the Multiple Paths, Beyond-Line-of-Site Communications (MUBLCOM) satellite.

Three strain gauges have been installed on the upper stage to derive hydrazine fuel tank pressure. Verification testing is now under way to validate this alternate method of monitoring. A final flight simulation is now scheduled to be conducted Thursday.

The **Swift** launch from Cape Canaveral Air Force Station has been postponed to no earlier than Nov. 2. The first stage of the Delta II rocket was erected on the Launch Pad 17-A Oct. 1. The second stage is being erected today. Other activity this week includes attachment of the three strap-on solid rocket boosters, and

lifting of the payload fairing.

■ **Oct. 4 – 8 Is Fire Prevention Week** — NASA/USAF firefighters, along with thousands of firefighters across North America, are visiting schools and other sites in the



community to teach the basics of fire safety and prevention. The theme for this year's campaign is "It's Fire Prevention Week: Test Your Smoke Alarms."

The Fire Prevention office will set up a display table and hand out fire prevention literature at the following locations this week:

- Tuesday, CCAFS Cafeteria
- Wednesday, MFF Cafeteria
- Thursday, The Green House
- Friday, KSC Child Development Center

■ **Did You Know?** A stream of interstellar helium atoms almost as hot as the surface of the Sun is blowing through the solar system. Read the full story, "Shields Up," at <http://science.nasa.gov/headlines>.