

Tuesday, Aug. 1, 2000

Z-1 Truss transferred to NASA at ceremony



Storm tips can help keep you safe



▲ **Shuttle Update:** The Zenith 1 (Z-1) Truss, the cornerstone truss for the International Space Station, was symbolically transferred from The Boeing Co. to NASA on July 31. The transfer signals the completion of prelaunch processing at KSC's Space Station Processing Facility.

The Z-1 is scheduled to fly in Space Shuttle Discovery's payload bay on STS-92 targeted for launch October 5. Z-1 is considered a cornerstone truss because it carries critical components of the Station's attitude, communications, thermal and power control systems as well as four control moment gyros, high and low gain antenna systems, and two plasma contactor units used to disperse electrical charge build-ups.

◆ **The Way the Astronauts Live:** The Astronaut Crew Quarters opened its doors to visiting children during "Take Our Children to Work Day" on July 28. As might be expected, the event was tremendously popular and generated long lines. Children in line said the wait to see first hand where the astronauts stay when they are at KSC was well worth it.

◆ **Stay Safe During Storm:** Plan ahead so you don't get caught outside during a storm. If you see lightning or hear thunder, go indoors immediately. Lightning can travel through wiring and water pipes, so stay away from bathtubs, sinks, phones, water coolers, and anything that uses electricity, like TV's, computers, or video games. If you can't get indoors: GET into a hardtop car--not a convertible; STAY away from trees, tall objects, and anything metal; STAY away from rivers, lakes, and swimming pools; If you are caught in the open, drop to your knees. Do not lie down or put your hands on the ground. A typical lightning

bolt carries 30 million volts of electricity--as much as 2.5 million car batteries. About 100 people are killed and more than 1000 people are injured by lightning in the U.S. each year.

▲ **Snoopy Awards Presented:** On July 24, astronaut CJ "Gus" Loria, presented the Space Flight Awareness Silver Snoopy award to Jacob Huehter, Michael Terry and Pam Fairburn of Boeing, and Alexis Walker, Robert Small, and Richard Ikerd of United Space Alliance. Also, astronauts Jeff Williams and Scott Horowitz presented a Silver Snoopy to Timothy Iler, David Demaintenon and Mark Oriza of United Space Alliance.

◆ **Florida Institute Of Technology:** Florida Tech offers a variety of master's degree programs at their Spaceport site: Master of Science in Computer Information Systems, Space Systems, Management, Acquisition and Contract Management, and Engineering Management. Evening classes are offered at Kennedy Space Center and Patrick Air Force Base. Distance Learning courses are also available. Applications are being accepted for the fall semester, which begins on Aug. 28. For additional information, please call 453-2030 or 784-2045.

◆ **Did You Know?** In an idea reminiscent of something in George Jetson's fleet, a student team has designed an airplane that can double as a car, to offer true door-to-door service. NASA and the FAA today recognized this and other university student teams for their innovative designs by presenting the 1999-2000 National General Aviation Design Competition awards.

KSC Countdown is published every Tuesday & Thursday.

Deadlines: 10 a.m. the day before. Send information, comments or questions to:

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