



CD celebrates Apollo 11 anniversary at July 15 all-hands

NASA's Aura spacecraft waits on VAFB pad for launch July 10

▲ **Center Director All-Hands Meeting July 15:** Employees are invited to participate in Center Director Jim Kennedy's next all-hands meeting at 9:30 a.m. July 15 in the Training Auditorium. For those unable to attend in person, the meeting will be aired on NASA TV, channel 7.

▲ **ELV Update:** NASA's Aura spacecraft, a next generation Earth-observing satellite that will supply the most complete information yet on the health of the Earth's atmosphere, launches Saturday, July 10. Liftoff from NASA's Space Launch Complex 2 at Vandenberg Air Force Base, Calif., will occur aboard a Boeing Delta II rocket at 6:01:57 a.m. EDT at the opening of a three-minute launch window. Spacecraft separation from the launch vehicle occurs one hour and four minutes later.

The Flight Readiness Review is scheduled for July 6 to determine the approval for loading of the Delta second stage with its hypergolic propellants July 7.

■ **KSC Technology Expo** — The IT Directorate invites employees to the O&C Building Mission Briefing Room from 10 a.m. - 2 p.m. July 1 for the KSC Technology Expo. Complimentary refreshments and free giveaways will be provided while supplies last.

Many different exhibitors are giving hands-on demonstrations of the latest in digital automation platforms, knowledge management solutions, IT and Internet Infrastructures, hardware and software, integrated security systems, voice and data products, and much more. Product lines on exhibit range from Nec-Mitsubishi, Newark InOne, Jensen Tools and Spectra Logic to ADC, iGov, CDWG, Boise Office Solutions, Concurrent Computer Corporation, SPL Integrated, Solutions, Corporate Express and many others.

■ **Help KSC/CCAFS Save Energy Dollars During the Holiday** — It takes commitment from everyone at the Spaceport to help KSC and CCAFS save energy dollars; therefore, during the July Fourth holiday, please remember to:

- Turn off your computer, monitor and printer (if not required to remain on).
- Turn off the lights in your office when you are the last person to leave.
- Turn off the hall and hall closet lights on your way out, if you are the last person to leave your area in the building.
- Turn off displays and decorative lights.
- Turn off or unplug any appliances

in the office, such as coffee makers, desk lamps, fans, radios, etc.

- Turn off the copier machines (including hallways) and scanners.
- Close the blinds on all windows.

■ **NASA Science** — The annual Perseid meteor shower is coming, and forecasters state it should be unusually good. The shower begins, gently, in mid-July when Earth enters the outskirts of a cloud of debris from Comet Swift-Tuttle. Dust-sized meteoroids hitting the atmosphere will streak across the night sky, at first only a sprinkling, just a few each night, but the rate will build.

By Aug. 12 when the shower peaks, sky watchers can expect to see dozens, possibly even hundreds, of meteors per hour. Go the Web site http://science.nasa.gov/headlines/y2004/25jun_perseids2004.htm to learn more about the Perseids.

■ **Did You Know?** The Army and Air Force Exchange Service (AAFES) sells prepaid calling cards for deployed troops to any person or group. AAFES operates 31 call centers in Iraq, 19 in Kuwait and four in Afghanistan. Anyone can log on to <http://www.aafes.com> and click the "help our troops call home" link. AAFES will coordinate distribution of donated cards addressed to "any service member."