



KSC Countdown

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Discovery launch window moves to July 1-19



◆ Shuttle Update:

Space Shuttle Program management announced **Discovery's** new launch planning window of

July 1 to 19. This window provides the agency time to change the shuttle's external fuel tank engine cutoff sensors and to perform additional engineering analysis to ensure a safe flight for Discovery and its crew.

Discovery's damaged remote manipulator system (shuttle arm) was removed from the payload bay March 14. The lower section of the arm arrived in Canada so repairs can begin on the damaged section. Leak checks were successfully completed on all three space shuttle main engines, and thermal protection system foaming operations around the engines are under way.

◆ **ELV Update:** The March 15 launch attempt of Space Technology 5 from Vandenberg Air Force Base was scrubbed when the starboard flight control surface fin pin did not retract. The weather outlook is generally favorable for a second launch attempt on Wednesday. Testing and troubleshooting on the Pegasus rocket by the NASA and Orbital Sciences engineering team is under way to determine why the surface pin did not retract. The Pegasus fin batteries have been

removed and replaced in accordance with standard procedure following a launch attempt. They had been activated for the pre-deployment fin sweep tests during the terminal countdown sequence.

A Launch Readiness Review was scheduled for March 20.



■ Donate Blood

— Florida's Blood Centers are at NASA HQ from 8 a.m. to 2 p.m.

March 22. Contact

rwilburn@floridasbloodcenters.org for an appointment. Florida's Blood Centers are the sole provider of blood to all Brevard hospitals! Donors will receive a special thank you gift for donating -- \$10 Darden Restaurant coupons! If you have any questions, please call Ruth Wilburn at 632-5720. The Brevard County blood supply is critical -- all types are needed.

■ Camp Kennedy Space Center

— Children in or entering second through ninth grades can get an out-of-this-world experience to explore space as never before. Summer camp sessions run June 5 through Aug. 11.

Camp KSC is based at the U.S. Astronaut Hall of Fame. Spring camp hours are from 9 a.m. to 4:30 p.m. with extended early drop-off and late pick-up hours available. Campers receive a complimentary KSC Visitor

Space Technology 5 looks to launch Wednesday

Complex 12-month pass, lunches and afternoon snacks, an official Camp KSC T-shirt, four complimentary admission tickets to the U.S. Astronaut Hall of Fame, a Camp KSC graduation ceremony and a certificate of completion.

For more information and details on registration, call 449-4444 or visit www.KennedySpaceCenter.com.



■ Mark Calendars For April 6!

That's the date legendary STS-1 space shuttle astronauts John Young and Bob Crippen will be at

KSC to make a presentation to NASA and contractor employees celebrating the 25th anniversary of their historic first space shuttle mission. The presentation is at 3 p.m. in the Training Auditorium. STS-1 launched from KSC on April 12, 1981, landing at Edwards Air Force Base in California on April 14.

■ **Did You Know?** Four-time shuttle astronaut Tom Jones will sign copies of his book, "Sky Walking: An Astronaut's Memoir," Thursday through March 21 at 3:15 p.m. at the KSC Visitor Complex. Jones will also give a special presentation on Saturday at 2:45 and 4:45 p.m. at the Visitor Complex. Present your KSC or CCAFS badge at the will-call ticket window to receive a limited admission ticket to attend the book signings or presentations. You must also present your badge at the time of admission.

KSC Countdown is published every Tuesday & Thursday. Deadlines are 10 a.m. Mondays & Wednesdays.

E-mail news to Anita.Barrett@jbsc.ksc.nasa.gov. For questions or information, e-mail or call 321-867-2815.

Find KSC Countdown on the Internet at <http://www.nasa.gov/centers/kennedy/news/countdown/countdown-toc.html>