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KENNEDY SPACE CENTER [SPACE SHUTTLE](#) STATUS REPORT  
TUESDAY, FEBRUARY 27, 1996 (10:37 AM EST)

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MISSION: [STS-75](#) -- TETHERED SATELLITE-1R & USMP-3  
Flight Day 6

VEHICLE: [Columbia/OV-102](#)  
LOCATION: [Orbit](#)  
OFFICIAL LAUNCH DATE/TIME: Feb. 22 at 3:18 p.m. EST  
TARGET [KSC LANDING](#) DATE/TIME: March 7 at about 7:32 a.m. EST  
MISSION DURATION: 13 days, 16 hours  
CREW SIZE: 7  
ORBITAL ALTITUDE and INCLINATION: 184 statute miles/28.45 degrees

NOTE: [Mission STS-75 status reports](#) are issued daily from the Johnson Space Center. [Payload status reports](#) are issued by the Marshall Space Flight Center.

The [crew](#) of mission STS-75 are: Commander Andy Allen; Pilot Scott Horowitz; Mission Specialists Jeff Hoffman, Maurizio Cheli, Claude Nicollier, and Franklin Chang-Diaz; and Payload Specialist Umberto Guidoni.

MISSION: STS-76 -- 3rd MIR DOCKING & SPACEHAB

VEHICLE: [Atlantis/OV-104](#)  
LOCATION: [Vehicle Assembly Building](#)  
TARGET LAUNCH DATE/TIME: March 21 at about 3:35 a.m.  
LAUNCH WINDOW: 6 to 10 minutes  
TARGET [KSC LANDING](#) DATE/TIME: March 30 at about 8:05 a.m.  
MISSION DURATION: 9 days, 4 hours  
CREW SIZE: 6 up -- 5 down  
ORBITAL ALTITUDE and INCLINATION: 184 statute miles/51.6 degrees

NOTE: The Shuttle interface verification test continues today. The vehicle will be rolled out to [Pad 39B](#) at about 7 a.m. Wednesday. The Spacehab single module payload was delivered to the pad yesterday and installed into the [payload change-out room](#). The payload will be installed into Atlantis' payload bay Thursday.

KEY STS-76 OPERATIONAL MILESTONES (dates are target only):  
\* Roll out to Pad 39B (1st motion at 7 a.m. Wednesday)  
\* Open payload bay doors (Wednesday evening)  
\* Install Spacehab single module into Atlantis' payload bay (Thursday)  
\* Space Shuttle [main engines](#) flight readiness test (Friday)  
\* Terminal Countdown Demonstration Test (March 5-6)  
\* Flight Readiness Review (March 11)

MISSION: STS-77 -- SPACEHAB-4 & SPARTAN 207

VEHICLE: [Endeavour/OV-105](#)  
LOCATION: [Orbiter Processing Facility](#) Bay 3  
TARGET LAUNCH DATE/TIME: May 16 at 6:32 a.m.  
TARGET [KSC LANDING](#) DATE/TIME: May 26 at 7:09 a.m.  
MISSION DURATION: 10 days  
CREW SIZE: 6  
ORBITAL ALTITUDE and INCLINATION: 176 statute miles/39 degrees

NOTE: Operations to remove and replace thrusters on the reaction control system have been put on hold as work to prepare the hypergolic manifold tanks continue. Meanwhile, the [drag chute](#) will be installed today.

KEY STS-77 OPERATIONAL MILESTONES (dates are target only):  
\* Remove remote manipulator system (Feb. 29)  
\* Install [Space Shuttle](#) main engines (March 8)

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