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KENNEDY SPACE CENTER SPACE SHUTTLE STATUS REPORT
WEDNESDAY, NOVEMBER 1, 1995 (10:43 AM EST)

Flight Day 13

MISSION: [STS-73](#) -- U.S. MICROGRAVITY LABORATORY-2
VEHICLE: [Columbia/OV-102](#)
LOCATION: Orbit
OFFICIAL LAUNCH DATE/TIME: Oct. 20 at 9:53 a.m. (EDT)
TARGET [KSC LANDING](#) DATE/TIME: Nov. 5 at 6:54 a.m. (EST)
MISSION DURATION: 15 days, 22 hours, 1 minute
CREW SIZE: 7
ORBITAL ALTITUDE and INCLINATION: 172 statute miles/39 degrees

NOTE: Landing opportunities at KSC on Sunday occur at 6:54 a.m. and 8:29 a.m. One landing opportunity is available at Edwards Air Force Base on Sunday at 9:55 a.m. (all times eastern)

The STS-73 crew are: Commander Ken Bowersox; Pilot Kent Rominger; Mission Specialists Catherine Coleman, Michael Lopez-Alegria and Kathryn Thornton; and Payload Specialists Fred Leslie and Albert Sacco.

MISSION: [STS-74](#) -- 2nd MIR DOCKING (Docking Module)

VEHICLE: [Atlantis/OV-104](#)
LOCATION: [Pad 39A](#)
TARGET LAUNCH DATE/TIME: Nov. 11 at 7:56 a.m.
LAUNCH WINDOW: 6 minutes, 57 seconds
TARGET MIR DOCKING DATE/TIME: Nov. 14 at about 2:20 a.m.
TARGET [KSC LANDING](#) DATE/TIME: Nov. 19 at about 1:28 p.m.
MISSION DURATION: 8 days, 5 hours
CREW SIZE: 5
ORBITAL ALTITUDE and INCLINATION: 196-245 statute miles/51.6 degrees

NOTE: The turbo pump discharge temperature sensors have been successfully checked. The orbiter’s payload bay doors will be closed at about 8 a.m. tomorrow.

IN WORK TODAY:
* Aft engine compartment close-outs

WORK COMPLETED:
* Check turbo pump discharge temperature sensors on main engines
* Install and check-out contingency space suits

KEY STS-74 OPERATIONAL MILESTONES (dates are target only):
* Close payload bay doors for flight (Nov. 2)
* Ordnance installation and pressurize hypergolic system (Nov. 3)
* Launch countdown begins (7 a.m. Nov. 8)

MISSION: STS-72 -- SFU-Retrieval & OAST-Flyer

VEHICLE: [Endeavour/OV-105](#)
LOCATION: Orbiter Processing Facility Bay 3
TARGET LAUNCH DATE/TIME: Jan. 11 at 4:18 a.m. EST
LAUNCH WINDOW: 60 minutes
TARGET [KSC LANDING](#) DATE/TIME: Jan. 20 at 2:54 a.m.
MISSION DURATION: 8 days, 22 hours, 36 minutes
CREW SIZE: 6
ORBITAL ALTITUDE and INCLINATION: 184 statute miles/28.45 degrees

KEY STS-72 OPERATIONAL MILESTONES (dates are target only):
* Install OAST-Flyer payload into payload bay (Nov. 3)
* Mate external tank with [solid rocket boosters](#) in Vehicle Assembly Building (Nov. 9)
* Final payload bay door closure (Nov. 21)
* Roll to Vehicle Assembly Building (Nov. 29)

All times eastern