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KENNEDY SPACE CENTER SPACE SHUTTLE STATUS REPORT
TUESDAY, JUNE 6, 1995 (3:36 PM EDT)

MISSION: STS-71 -- 1st MIR DOCKING

VEHICLE: Atlantis/OV-104
LOCATION: Launch Pad 39-A
TARGET LAUNCH DATE: June 22 (no earlier than)
APPROX. LAUNCH TIME: 5:31 p.m. EDT
LAUNCH WINDOW: 5 minutes
TARGET KSC LANDING DATE/TIME: July 2 at 1:14 p.m.
MISSION DURATION: 10 days (+1 day)
CREW SIZE: 7 up, 8 down
ORBITAL ALTITUDE and INCLINATION: 196-245 statute miles/51.60 degrees

NOTE: Mission managers have not selected an official launch date due to ongoing work aboard the Mir space station that needs to be completed prior to Atlantis' arrival. The KSC launch team will continue vehicle processing for launch no earlier than June 22. An official launch date is expected to be announced next week.

IN WORK TODAY:
· Auxiliary power unit pressure checks
· Preparations for aft engine compartment close-outs

WORK COMPLETED:
· Main engine flight readiness test and flight control tests
· Heatshield installation

KEY OPERATIONAL MILESTONES (dates are target only):
· Begin orbiter engine compartment close-outs (June 7)
· Install and check-out spacesuits (June 12)
· Ordnance operations (June 14)

MISSION: STS-70 -- TDRS-G

VEHICLE: Discovery/OV-103
LOCATION: Launch Pad 39-B
LAUNCH DATE: TBD
LAUNCH TIME: TBD
LAUNCH WINDOW: 2 hours, 30 minutes
KSC LANDING DATE/TIME: TBD
MISSION DURATION: 7 days, 22 hours, 10 minutes
CREW SIZE: 5
ORBITAL ALTITUDE and INCLINATION: 184 statute miles/28.45 degrees

NOTE: Workers at Launch Pad 39-B are preparing the Shuttle Discovery for rollback to the Vehicle Assembly Building beginning at 3:30 a.m. Thursday. The decision to go back to the VAB was made in order to repair damage done by woodpeckers in the foam insulation of the external tank. It is estimated that about six days will be needed to repair the woodpecker holes once access is gained to the external tank in the VAB.

IN WORK TODAY:
· Rollback preparations
· Move TDRS payload from orbiter to payload change-out room

WORK COMPLETED:
· Disconnect TDRS payload from orbiter

KEY OPERATIONAL MILESTONES (dates are target only):
· Disconnect ordnance (Wednesday)
· Retract rotating service structure (Wednesday)
· Return vehicle to VAB (3:30 a.m. Thursday)

MISSION: STS-69 -- WSF-2 & SPARTAN 201-03

VEHICLE: Endeavour/OV-105
LOCATION: Orbiter Processing Facility bay 1
TARGET LAUNCH DATE/TIME: July 20 at 10:33 a.m.
LAUNCH WINDOW: 2 hours, 30 minutes
TARGET KSC LANDING DATE/TIME: July 31 at 7:02 a.m.
MISSION DURATION: 10 days, 20 hours
CREW SIZE: 5
ORBITAL ALTITUDE and INCLINATION: 230 statute miles/28.45 degrees

NOTE: Preparations are in work to install the space shuttle main engines beginning Wednesday. Due to previous delays associated with removing and replacing the orbital maneuvering system pod, roll to the Vehicle Assembly Building will be delayed about six days.

KEY OPERATIONAL MILESTONES (dates are target only):
· Roll orbiter to Vehicle Assembly Building (June 26)

MISSION: STS-73 -- U.S. MICROGRAVITY LABORATORY-2

VEHICLE: Columbia/OV-102
LOCATION: Orbiter Processing Facility bay 3
TARGET LAUNCH DATE/TIME: Sept. 21 at 10:37 a.m.
LAUNCH WINDOW: 2 hours, 30 minutes
TARGET KSC LANDING DATE/TIME: Oct. 7 at 8:31 a.m.
MISSION DURATION: 16 days
CREW SIZE: 7
ORBITAL ALTITUDE and INCLINATION: 172 statute miles/39 degrees
NOTE: The extended duration orbiter (EDO) pallet is being prepared for installation Thursday.

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