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KENNEDY SPACE CENTER SPACE SHUTTLE STATUS REPORT
MONDAY, FEBRUARY 13, 1995 (11:49 AM EST)

MISSION: STS-67 -- ASTRO-2

VEHICLE: Endeavour/OV-105
LOCATION: Pad 39A
TARGET LAUNCH DATE: March 2
APPROX. LAUNCH TIME: 1:37 a.m.
LAUNCH WINDOW: 2 hours, 30 minutes
TARGET KSC LANDING DATE/TIME: March 18 at 3:09 p.m.
MISSION DURATION: 15 days, 13 hours
CREW SIZE: 7
ORBITAL ALTITUDE and INCLINATION: 218 statute miles/28.45 degrees

NOTE: Yesterday, the crew for mission STS-67 arrived at Kennedy Space Center for the Terminal Countdown Demonstration Test. The test will be held this week with the T-0 set for 11 a.m. Wednesday. Today, Endeavour is undergoing preparations for the helium signature leak checks of the main propulsion system on Tuesday and preparations for the loading of hypergolic fuels on Thursday. The Launch Readiness Review will be held this afternoon at Kennedy Space Center and the Flight Readiness Review will be held on Wednesday beginning at 10 a.m.

WORK COMPLETED:
  Flight readiness test of the main engines and aerosurfaces
  Hot fire auxiliary power unit no. 1

KEY OPERATIONAL MILESTONES (dates are targeted only):
  Terminal Countdown Demonstration Test (Feb. 14-15)
  Close payload bay doors for flight (Feb. 24)
  Begin countdown for launch (Feb. 27)
  Launch (March 2)

MISSION: STS-71 -- 1st MIR DOCKING

VEHICLE: Atlantis/OV-104
LOCATION: OPF bay 3
TARGET LAUNCH PERIOD: May/June
APPROX. LAUNCH TIME: early morning
LAUNCH WINDOW: 5 minutes
KSC LANDING DATE/TIME: TBD
MISSION DURATION: 9 days, 20 hours
CREW SIZE: 7 up, 8 down
ORBITAL ALTITUDE and INCLINATION: 196-245 statute miles/51.60 degrees

NOTE: The Freon/water interchanger which provides cooling for the crew compartment and associated electronics will be removed for inspections and replaced. No impact to the overall schedule for mission STS-71 is expected.

IN WORK TODAY:
  Preparations to remove and replace Freon/water interchanger
  Tunnel adapter installation preparations
  Install drag chute
  Preparations to install main engines
  Begin stacking solid rocket boosters in Vehicle Assembly Building
    high bay 1

WORK COMPLETED:
  External tank door functional checks
  Deservice Freon coolant loops
  Orbital maneuvering system functional tests
  Install auxiliary power units

WORK SCHEDULED:
  Remove and replace Freon/water interchanger

MISSION: STS-70 -- TDRS-G

VEHICLE: Discovery/OV-103
LOCATION: Orbiter Processing Facility bay 2
TARGET LAUNCH DATE: June 22
APPROX. LAUNCH TIME: 11:13 a.m.
LAUNCH WINDOW: 2 hours, 30 minutes
TARGET KSC LANDING DATE/TIME: June 30 at 9:23 a.m.
MISSION DURATION: 8 days
CREW SIZE: 5
ORBITAL ALTITUDE and INCLINATION: 184 statute miles/28.45 degrees

NOTE: The Shuttle Discovery landed at Kennedy Space Center’s Shuttle Landing Facility runway 15 Saturday, Feb. 11, at 6:50 a.m. EST on orbit 130 after traveling 2,992,806 miles.

Discovery was towed to Orbiter Processing Facility bay 2 mid-Saturday afternoon following destow of the Spacehab experiments. In the OPF, the onboard cryogenic tanks were deserviced and technicians gained access to the aft engine compartment. Tomorrow, the payload bay doors will be open and preparations made to remove the Spacehab and SPARTAN payloads early next week.

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