GO TO THE *PREVIOUS* SPACE SHUTTLE STATUS REPORT

GO TO THE *NEXT* SPACE SHUTTLE STATUS REPORT

KENNEDY SPACE CENTER SPACE SHUTTLE STATUS REPORT
WEDNESDAY, MAY 24, 1995 (11:42 AM EDT)

MISSION: STS-70 -- TDRS-G

VEHICLE: Discovery/OV-103
LOCATION: Launch Pad 39-B
TARGET LAUNCH DATE: June 8
LAUNCH TIME: 9:26 a.m. EDT
LAUNCH WINDOW: 2 hours, 30 minutes
TARGET KSC LANDING DATE/TIME: June 16 at 7:36 a.m.
* MISSION DURATION: 7 days, 22 hours (with option to shorten to 5 days)
CREW SIZE: 5
ORBITAL ALTITUDE and INCLINATION: 184 statute miles/28.45 degrees
* NOTE: The STS-70 mission duration will be determined by the Mission Management Team.

IN WORK TODAY:
  Preparations for ordnance installation
  Inertial upper stage (IUS) flight readiness verification

WORK COMPLETED:
  Launch readiness review
  Pre-launch hypergolic propellant load
  Open payload bay doors

KEY OPERATIONAL MILESTONES (dates are target only):
  Flight readiness review (May 26)
  Begin orbiter main engine compartment close-outs (May 30)
  Close payload bay doors for flight (June 5)
  Countdown begins (6 a.m. June 5)

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: 5:32 p.m. EDT
LAUNCH WINDOW: 5 minutes
TARGET KSC LANDING DATE/TIME: July 3 at 1 p.m.
MISSION DURATION: 10 days, 19 hours, 31 minutes
CREW SIZE: 7 up, 8 down
ORBITAL ALTITUDE and INCLINATION: 196-245 statute miles/51.60 degrees

IN WORK TODAY:
  Remove and replace high pressure fuel turbo pump on main engine no. 3
  Terminal Countdown Demonstration Test

WORK COMPLETED:
  Crew arrival for Terminal Countdown Demonstration Test
  Connect orbiter mid-body umbilical unit to vehicle
  Pre-launch hypergolic propellant load

KEY OPERATIONAL MILESTONES (dates are target only):
  Space Shuttle main engine flight readiness test (May 30)
  Flight readiness review (June 2)
  Begin orbiter engine compartment close-outs (June 6)

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 10:30 a.m.
LAUNCH WINDOW: 2 hours, 30 minutes
TARGET KSC LANDING DATE/TIME: July 31 at 7:15 a.m.
MISSION DURATION: 10 days, 21 hours
CREW SIZE: 5
ORBITAL ALTITUDE and INCLINATION: 190 statute miles/28.45 degrees

NOTE: The right-hand orbital maneuvering system pod has been removed and tomorrow the
replacement pod will be installed. Also, the Spartan payload is being installed today.

KEY OPERATIONAL MILESTONES (dates are target only):
  Install replacement orbital maneuvering system pod (May 25)
  Crew equipment interface test (June 2)
  Roll orbiter to Vehicle Assembly Building (June 20)

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: 167 statute miles/39 degrees

NOTE: The left-hand orbital maneuvering system pod is being checked-out following
installation on the orbiter. Also, orbiter electrical system validations are complete.

GO TO THE *STATUS REPORTS* HOME PAGE