KENNEDY SPACE CENTER SPACE SHUTTLE STATUS REPORT
FRIDAY, AUGUST 11, 1995 (2:33 PM EDT)

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

VEHICLE: Endeavour/OV-105
LOCATION: Pad A
TARGET LAUNCH DATE/TIME: NET late-August
LAUNCH WINDOW: 2 hours, 30 minutes
TARGET KSC LANDING DATE/TIME: TBD
MISSION DURATION: 10 days, 20 hours, 29 minutes
CREW SIZE: 5
ORBITAL ALTITUDE and INCLINATION: 230 statute miles/28.45 degrees

NOTE: Endeavour's launch remains on indefinite hold pending engineering analysis and repairs to the solid rocket booster nozzle O-ring seals. Erection of scaffolding to access the booster nozzles is in work today. Repairs are expected to begin this weekend. A program briefing to the media is scheduled for this afternoon and is expected to address this issue.

IN WORK TODAY:
* Erection of scaffolding to access booster nozzles

WORK SCHEDULED:
* Ordnance installation and hypergolic fuel pressurization (TBD)
* Crew arrival and begin launch countdown (TBD)

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 9:31 a.m. EDT
LAUNCH WINDOW: 2 hours, 30 minutes
TARGET KSC LANDING DATE/TIME: Oct. 7 at 7:25 a.m.
MISSION DURATION: 15 days, 22 hours
CREW SIZE: 7
ORBITAL ALTITUDE and INCLINATION: 172 statute miles/39 degrees

IN WORK TODAY:
* Close payload bay doors

KEY OPERATIONAL MILESTONES (dates are target only):
* Aerosurface and flight control frequency response test (Sunday)
* Remove and replace main engine no. 2 (Monday/Tuesday)
* Roll to Vehicle Assembly Building (Aug. 21)
* Roll out to pad 39-B (Aug. 28)

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

VEHICLE: Atlantis/OV-104
LOCATION: Orbiter Processing Facility bay 2
TARGET LAUNCH DATE/TIME: Oct. 26 at 3:08 p.m. EDT
LAUNCH WINDOW: 7 minutes
ESTIMATED MIR DOCKING DATE/TIME: Oct. 29 at 8:05 a.m. EST
TARGET KSC LANDING DATE/TIME: Nov. 3 at 11:05 a.m. EST
MISSION DURATION: 7 days, 20 hours
CREW SIZE: 5
ORBITAL ALTITUDE and INCLINATION: 196-245 statute miles/51.6 degrees

NOTE: Preparations are underway to install the tunnel adapter next week. Installation of the drag chute will take place beginning today and continue through the weekend.

KEY OPERATIONAL MILESTONES (dates are target only):
* Begin stacking solid rocket boosters in Vehicle Assembly Building (Monday)
* Install space shuttle main engines (Aug. 24-25)

DISCOVERY/OV-103 -- Pre-Orbital Maintenance Down Period

VEHICLE: Discovery/OV-103
LOCATION: Orbiter Processing Facility bay 1
TARGET DATE OF DEPARTURE FOR PALMDALE FOR OMDP: Sept. 26

NOTE: Discovery is scheduled to be delivered to Palmdale, Calif., for a nine-month Orbital Maintenance Down Period (OMDP). During this time, the vehicle will be outfitted with a 5th set of cryogenic tanks and an external airlock to support missions to the international Space Station. Discovery is scheduled to depart Kennedy Space Center via the 747 Shuttle Carrier Aircraft on or about Sept. 26. Discovery's next flight, the second mission to service the Hubble Space Telescope, is targeted for launch in early 1997. The space shuttle main engines and fuel cell no. 3 are being removed today.

KEY OPERATIONAL MILESTONES (dates are target only):
* Remove space shuttle main engines (Aug. 11-12)