NASAfacts

Remaining Space Shuttle Missions

Below are the approved target dates for the launches remaining in NASA's Space Shuttle Program

STS-131

Launch Target: April 5, 2010 at 6:21 a.m. EDT

Shuttle: Discovery

Duration: 13 days

Crew:
Commander Alan Poindexter
Pilot James P. Dutton Jr.
Mission Specialists Rick Mastracchio, Clayton Anderson, Dorothy Metcalf-Lindenburger, Stephanie Wilson and Naoko Yamazaki/Japan Aerospace Exploration Agency

Mission: Deliver a multi-purpose logistics module filled with science racks to be transferred to laboratories on the International Space Station.

Info: Three spacewalks will include work to attach a spare ammonia tank assembly outside the station. This will be the 33rd shuttle mission to the station.

STS-132

Launch Target: May 14, 2010 at 2:28 p.m. EDT

Shuttle: Atlantis

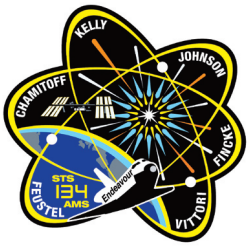
Duration: 12 days

Crew:
Commander Ken Ham
Pilot Tony Antonelli
Mission Specialists Stephen Bowen, Michael Good, Garrett Reisman and Piers Sellers

Mission: Deliver an Integrated Cargo Carrier and Russian-built Mini-Research Module to the International Space Station.

Info: The second in a series of new pressurized components for Russia, a Mini-Research Module, will be permanently attached to the bottom port of the Zarya module. The Russian module also will carry U.S. pressurized cargo. Three spacewalks are planned to stage spare components outside the station, including six spare batteries, a boom assembly for the Ku-band antenna and spares for the Canadian Dextre robotic arm extension. A radiator, airlock and European robotic arm for the Russian Multi-purpose Laboratory Module also are payloads on the flight. This will be the 34th shuttle mission to the station.

STS-134



Launch Target: July 29, 2010 at 7:51 a.m. EDT

Shuttle: Endeavour

Duration: 10 days

Crew:
Commander Mark Kelly
Pilot Gregory H. Johnson
Mission Specialists Michael Fincke, Greg Chamitoff, Andrew Feustel and European Space Agency astronaut Roberto Vittori

Mission: Deliver Express Logistics Carrier 3 and the Alpha Magnetic Spectrometer to the International Space Station.

Info: Deliver spare parts, including two S-band communications antennas, a high-pressure gas tank, additional spare parts for Dextre and micrometeoroid debris shields. This will be the 35th shuttle mission to the station.

STS-133

Launch Target: Sept. 16, 2010 at 11:57 a.m. EDT

Shuttle: Discovery

Duration: 8 days

Crew:
Commander Steven Lindsey
Pilot Eric Boe
Mission Specialists Alvin Drew, Michael Barratt, Tim Kopra and Nicole Stott

Mission: Deliver Express Logistics Carrier 4 and critical spare components to the International Space Station. Attach the Permanent Multi-Purpose Module, or PMM, to the station. The PMM is the modified Leonardo multi-purpose logistics module that will become a permanent part of the station.

Info: This will be the 36th shuttle mission to the station and the 134th and final shuttle flight.

Mission insignia for the STS-133 mission has not been released. It will be added when it becomes available.

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