



# Remaining Space Shuttle Missions

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



## STS-133

**Launch:** Targeted for Feb. 24, 4:50 p.m. EST  
**Shuttle:** Discovery  
**Duration:** 11 days

**Crew:**  
 Commander Steven Lindsey  
 Pilot Eric Boe  
 Mission Specialists Alvin Drew, Michael Barratt, Steve Bowen and Nicole Stott

**Mission:** Deliver Express Logistics Carrier 4, Permanent Multipurpose Module and critical spare components to the International Space Station.

**Space walks:** Two

**Inclination/Altitude:**  
 51.6 degrees/122 nautical miles

**Info:** This will be the 35th shuttle mission to the station and the 134th shuttle flight.

**Note:** Bowen replaced Tim Kopra as Mission Specialist 2 following a bicycle injury on Jan. 15 that prohibited Kopra from supporting the launch window.

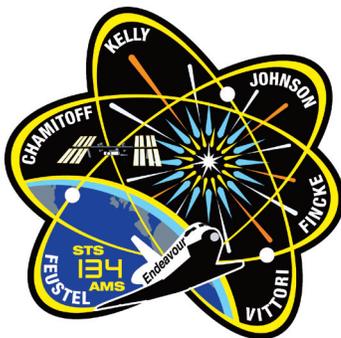
## STS-134

**Launch:** Targeted for April 19, 7:48 p.m. EDT

**Shuttle:** Endeavour

**Duration:** 14 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, spare parts, a high-pressure gas tank, additional spare parts for Dextre and micrometeoroid debris shields to the International Space Station.

**Space walks:** Four

**Inclination/Altitude:**  
 51.6 degrees/122 nautical miles

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

## STS-135

**Launch:** Targeted for June 28, 3:36 p.m. EDT

**Shuttle:** Atlantis

**Duration:** 12 days

**Crew:**  
 Commander Chris Ferguson  
 Pilot Doug Hurley  
 Mission Specialists Sandy Magnus and Rex Walheim

**Mission:** Carry the Raffaello multi-purpose logistics module to deliver supplies, logistics and spare parts to the International Space Station.

**Space walks:** One (conducted by ISS crew members)

**Inclination/Altitude:**  
 51.6 degrees/122 nautical miles

**Info:** The mission also will fly a system to investigate the potential for robotically refueling existing spacecraft and return a failed ammonia pump module to help NASA better understand the failure mechanism and improve pump designs for future systems.

**Note:** This will be the 37th shuttle mission to the station and the 135th and final scheduled shuttle flight.



Space shuttle Atlantis lands at the Shuttle Landing Facility at Kennedy Space Center.

# NASAfacts

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