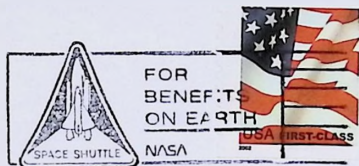


SPACE SHUTTLE
STS-113/ENDEAVOUR



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SPACE SHUTTLE (STS-113/ENDEAVOUR)

The primary objectives of the 11-day mission of STS-113/Space Shuttle Endeavour are to deliver the Expedition Six crew and Port 1 (P1) Integrated Truss Segment (ITS) to the International Space Station (ISS). STS-113, the 11th ISS assembly flight (11A), will be the first in the Station's assembly sequence to install a major component. The Station's robotic arm will be used to remove the P1 Truss, ISS's first left-side truss segment, from Endeavour's payload bay and attach it to the orbiting Space Station's port side of the SO Truss. The truss's primary function is to provide the heat transport and heat rejection capability required for the ISS's active thermal control system. The Expedition Six crew will replace the Expedition Five Crew of Valery Korzun, Peggy Whitson and Sergei Treschev and remain on the Station approximately four months.

THE STS-113 CREW – A veteran of five spaceflights, **James D. Wetherbee**, will serve as commander. He became an astronaut in 1985 and recently served as Director of the Flight Crew Operations. After logging over 2,262 hours in space, STS-113 will be his sixth flight into space. Piloting Shuttle Endeavour is **Paul S. Lockhart**, a veteran of a prior Endeavour space trip. He was selected for the NASA astronaut corps in 1996 and has over 322 hours in space. Two-time Shuttle flyer **Michael E. Lopez-Alegria**, a mission specialist astronaut assigned to STS-113, served as NASA Director of Operations at the Gagarin Cosmonaut Training Center in Russia and later led the newly formed ISS Crew Operations branch of NASA's Astronaut Office. **John B. Herrington** will serve as mission specialist on his first space trip. Once selected as an astronaut in 1996, he was assigned to the Flight Support Branch of the Astronaut Office. Commander of the Expedition Six crew is **Kenneth D. Bowersox**, a four-time Shuttle veteran with more than 50 days in space, has been an astronaut for more than 15 years. **Donald R. Pettit** will make his first spaceflight as the Science Officer of the Expedition Six crew. Selected by NASA for astronaut training in 1996, he was assigned technical duties in the Astronaut Office Computer Support Branch. Russian Cosmonaut **Nikolai Budarin** will serve as the Expedition Six Flight Engineer on his third space trip. He completed basic space training at the Gagarin Cosmonaut Training Center in 1991 that made him a qualified Test Cosmonaut.

THE STS-113 INSIGNIA – The crew patch for STS-113 depicts Shuttle Endeavour docked to the ISS during the installation of the P1 Truss with the gold astronaut symbol in the background. The seven stars at the top left center of the emblem are the seven brightest stars in the constellation Orion. They represent the combined seven crew members (four Shuttle and three Expedition Six) flying to the orbiting outpost aboard Endeavour. The three stars to the right of the astronaut symbol represent the returning Expedition Five crewmembers and the big Roman Numeral CXIII in the middle of the patch illustrates the mission number 113.