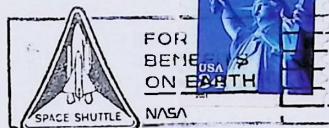


SPACE SHUTTLE
STS-108/ENDEAVOUR



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SPACE SHUTTLE (STS-108/ENDEAVOUR)

Mission STS-108 is the 12th Space Shuttle flight to the International Space Station (ISS) and the first Utilization Flight (UF-1) of the Station program. The main objective of the planned 11-day mission is to transfer hardware into the ISS and perform the third ISS crew rotation. Endeavour will also launch with a Multi-Purpose Logistics Module (MPLM) that will be berthed to ISS and unloaded. The MPLM, named Raffaello for the 16th century artist Raffaello Sanzio, will be returned to the Shuttle's cargo bay for the trip home and used again on a later flight. Several payloads and the Expedition Four crew members will make the journey to the orbiting outpost. After serving on the ISS for nearly four months, Expedition Three astronauts will return to Earth aboard Endeavour.

THE STS-108 CREW – Former combat-test pilot **Dominic L. Gorie** will serve as commander on his third spaceflight. Since becoming an astronaut in 1995, he has logged more than 504 hours in space. First-time space flier **Mark E. Kelly** will serve as pilot on Mission 108. A combat and test pilot veteran, he has logged over 2,000 flight hours in more than 40 different aircraft. Another first-time Shuttle astronaut is Mission Specialist **Daniel M. Tani**. He joined the astronaut corps in 1997 and will be one of two spacewalkers that will be working on the Station's solar arrays. Four-time Shuttle veteran **Linda M. Godwin**, an astronaut since 1986, has logged more than 633 hours in space, and will conduct a spacewalk with Tani. Russian cosmonaut **Yuri Onufriyenko** will fly aboard Endeavour as commander of the Expedition Four crew. As a test cosmonaut he has logged more than 800 flight hours and 193 days in space. Another assigned Expedition Four crewmember, **Daniel W. Bursch**, has logged more than 746 hours in space since becoming an astronaut in 1991. Expedition Four astronaut and 4-time Shuttle flier **Carl E. Waltz**, an astronaut for 11 years, has logged more than 833 hours in space.

THE STS-108 CREW INSIGNIA – The crew patch for STS-108 depicts Endeavour and the ISS as they will be configured at the time of arrival and docking. The ISS is shown viewed along the direction of flight as will be seen by the Shuttle crew during their final approach-docking along the X-axis. The returning Expedition Three crew are signified by the three ribbons and stars on the left side of the patch and the three ribbons and stars on the right side depict the arriving Expedition Four crew. The red-white-blue order of the ribbons on the left represents the American commander for that mission. The order of white-blue-red ribbons on the right matches the color of the Russian flag and signifies that the commander of Expedition Four is a Russian cosmonaut. Each white star in the center of the emblem represents the four Endeavour crewmembers with their names along the top border. The combined team of six American and Russian space fliers of the two Expedition crews are shown on the chevron at the bottom of the patch.