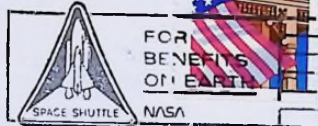
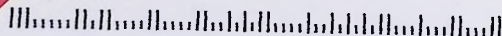


SPACE SHUTTLE
STS-91/DISCOVERY

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SPACE SHUTTLE (STS-91/DISCOVERY)

The ninth and final docking mission of the Shuttle-Mir program will feature the return of NASA astronaut Andrew Thomas to Earth from the Russian Space Station Mir and the conclusion of Phase 1 of the joint U.S.-Russian International Space Station (ISS) program. Two other major highlights of this 91st Shuttle flight are the first Mir docking for the Space Shuttle Discovery and the first flight of the new Space Shuttle super lightweight external tank.

THE STS-91 CREW – Mission Commander **Charles J. Precourt** is on his fourth space flight and third trip to Mir, having served as commander of STS-84, pilot on STS-71 and mission specialist on STS-55. Pilot **Dominic L. Pudwill Gorie** is on his first Shuttle mission since becoming an astronaut selected by NASA in 1995. The mission specialists are: **Wendy B. Lawrence** is on her third Shuttle mission and second trip to Mir. She has served as Director of Operations for NASA at the Gagarin Cosmonaut Training Center in Russia and has trained for a Shuttle/Mir mission; **Franklin R. Chang-Diaz** is making his sixth flight into space and has been with the astronaut corps for more than 17 years; **Janet Lynn Kavandi** is making her first space flight since becoming an astronaut candidate in 1994; Russian cosmonaut **Valery V. Ryumin** is director of the Russian Shuttle-Mir program and is a veteran of three space flights and has logged a total of 362 days in space; **Andrew S. W. Thomas** began his stay on Mir on January 25, 1998, during the STS-89 mission. The Australian-born scientist was selected as an astronaut candidate in 1992 and flown before as payload commander on STS-77.

THE STS-91 CREW INSIGNIA – The crew patch depicts the rendezvous of Shuttle Discovery with the Space Station Mir. The flags of the United States and Russia are displayed at the top of the emblem and both countries are visible on the Earth behind the two orbiting spacecraft. The names of the American crew members surround the insignia on the outer areas, with the name of cosmonaut Ryumin in Cyrillic at the lower right. The Alpha Magnetic Spectrometer (AMS) is an international payload planned to fly in the payload bay of Discovery. Two thin golden streams flowing into the AMS represent charged elementary particles in which the detection of antimatter in space will help scientists better understand the physics and the origins of the universe.