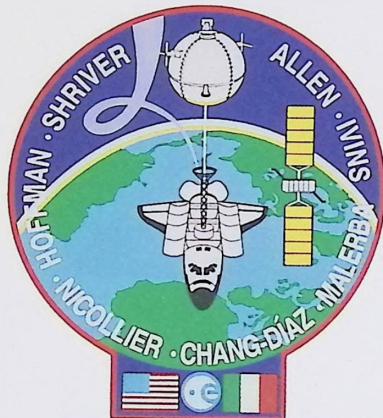


SPACE SHUTTLE
STS-46/ATLANTIS



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SPACE SHUTTLE (STS-46/ATLANTIS)

STS-46 CREW INSIGNIA — The STS-46 crew patch, designed by the astronaut crew, depicts the Space Shuttle Atlantis in orbit around Earth. Two satellite payloads, launched from the shuttle's payload bay, are illustrated and they are the European Retrievable Carrier (EURECA) and the Tethered Satellite System (TSS-1). In the depiction, EURECA has been activated and released, its antennae and solar arrays deployed, and it is about to start its ten-month scientific mission. EURECA is a free-flying, reusable platform that is launched and retrieved by the Space Shuttle for the European Space Agency (ESA). The Tethered Satellite is linked to the orbiter by a 20-km. tether and the purple beam emanating from an electron generator in the payload bay spirals around Earth's magnetic field. The TSS mission will study the dynamics and electrodynamics of tethered systems in space and the physics of Earth's ionosphere. Visible on Earth's surface are the United States of America and the 13-member countries of ESA, in particular, Italy — partner with the USA in the TSS program. The American and Italian flags, as well as the ESA logo, further serve to illustrate the international character of STS-46. The seven-member crew of STS-46 will be commanded by Loren J. Shriver and piloted by Andrew M. Allen. Mission Specialists are Jeffrey A. Hoffman, Franklin R. Chang-Diaz, Marsha S. Ivins and Claude Nicollier along with payload specialist Franco Malerba of Italy.