

Synopsis

Press
Releases

Aging and
Space Flight

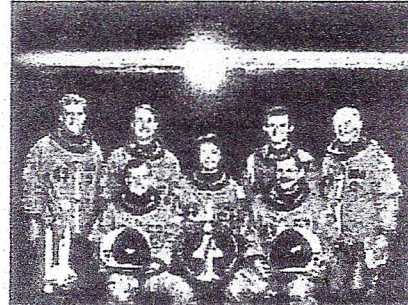
Preflight
Images

Human
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Launch
Stams

Discovery Prepares For Return To Space

Space Shuttle Discovery is scheduled for launch on October 29, 1998. The primary objective of this flight is to conduct a variety of science experiments being carried in the pressurized Spacehab module, the deployment and retrieval of the Spartan free-flyer payload, and operations with the HST Orbiting Systems Test (HOST) and the International Extreme Ultraviolet Hitchhiker (IEH) payloads being carried in the payload bay.



The STS-95 crew will be commanded by Curt Brown, who will be making his fifth Shuttle flight. The pilot, Steve Lindsey, will be making his second flight. There are three mission specialists assigned to this flight -- Scott Parazynski, making his third flight, Steve Robinson, making his second flight, and Pedro Duque from the European Space Agency (ESA) who is making his first flight. There are two payload specialist on STS-95. Chiaki Mukai, from the Japanese Space Agency (NASDA) will be making her second flight. John Glenn, who thirty-six years ago made history when he strapped himself into a nine-by-seven-foot capsule atop an experimental rocket and became the first American to orbit the Earth, will be making his second flight.

Since aging and space flight share a number of similar physiological responses, the study of space flight may provide a model system to help scientists interested in understanding aging. Some of these similarities include bone and muscle loss, balance disorders, and sleep disturbances.

For an update on current pre-launch preparations at [Kennedy Space Center](#).