

# DAILY PLANET

ALL THE NEWS THAT FITS

Thursday, October 29

1998

## Discovery to launch Thursday

STS-95 mission includes 54 Marshall-managed  
Microgravity Research Program experiments

### Discovery

**Flight:** STS-95

**Orbiter:** Discovery

**Launch:** Thursday, Oct. 29, 1 p.m. CST  
with a 2-hour, 30-minute window

**Landing:** Saturday, Nov. 7, 10:49 a.m. CST

**Duration:** 8 days, 21 hours, 49 minutes

**Crew Members:**

**Curtis Brown**, *Commander*

**Steven Lindsey**, *Pilot*

**Scott Parazynski**, *Mission Specialist*

**Stephen Robinson**, *Mission Specialist*



**Pedro Duque**, *Mission Specialist*

**Chiaki Mukai**, *Payload Specialist*

**John Glenn**, *Payload Specialist*

**Highlights:** STS-95 marks the return of John Glenn to space — 36 years after his history-making flight aboard Friendship 7 in February 1962, when he became the first American to orbit the Earth. Glenn will work with Japanese astronaut Chiaki Mukai to investigate the correlation between the aging process on Earth and physiological effects of space flight on the human body. STS-95 objectives are to:

★ Conduct more than 80 scientific experiments — including 54 Marshall-managed Microgravity Research Program experiments;

★ Deploy and retrieve the Spartan-201 solar-observing spacecraft; and

★ Perform experiments with the Hubble Space Telescope Orbital Systems Test and the International Extreme Ultraviolet Hitchhiker.

### Track Glenn's return to space

Before and during the STS-95 mission, Marshall's new News Center Website will post daily updates highlighting John Glenn's science and commercial product experiment activities. The "virtual newsroom" is at: <http://www.msfc.nasa.gov/news>