

## MARSHA IVINS



**Former Astronaut  
Veteran of five Space Shuttle Missions**

In 2010 Marsha Ivins retired from NASA after a 37 year career as an engineer and astronaut. After graduating from the University of Colorado with a BS in Aerospace Engineering, Marsha began her employment with the Lyndon B. Johnson Space Center in Houston, TX in 1974, working in human factors and man-machine engineering on the development of Orbiter cockpit layout, displays and controls, and the Head-Up Display. In 1980 Marsha was assigned as a flight engineer on the Shuttle Training Aircraft and as a pilot on the NASA administrative aircraft. She holds a multi-engine Airline Transport Pilot License with Gulfstream-1 type rating, single engine airplane, land, sea, and glider commercial licenses, and airplane, instrument, and glider flight instructor ratings. She has logged over 7000 hours in civilian and NASA aircraft.

Marsha was selected as an astronaut in the class of 1984 as a Mission Specialist. A veteran of five space flights, she has logged over 1,318 hours in space.

During her tenure in the Astronaut Office, Marsha supported the Space Shuttle and Space Station programs in all areas of operational crew interface, and was the Astronaut Office expert in flight crew equipment, habitability, imagery, and stowage. In her last 4 years with the agency, Marsha led the Astronaut Office team supporting the Constellation Program and the Commercial Crew Development initiative.

Today Marsha works as an independent engineering consultant.

**Topics (Selection):**

- The space shuttle programme
- Human Space Flight
- Life in space
- Commercial space flight
- Surviving Self-Isolation