

Biographical Data



Lyndon B. Johnson Space Center
Houston, Texas 77058

National Aeronautics and
Space Administration

NAME: Paul Sean Hill

TITLE: Flight Director, Mission Operations Directorate

BIRTHPLACE AND DATE: Orlando, Florida; June 23, 1962

EDUCATION: Bachelor of Science in Aerospace Engineering Texas A&M University, May 1984.
Master of Science in Aerospace Engineering Texas A&M University, December 1985.

RESIDENCE: League City, Texas

MARITAL STATUS: Married to the former Pam Gerber of Houston, Texas

CHILDREN: Chelsea, May 23, 1989; Aly, May 2, 1992

EXPERIENCE:

July 1996 - Present Space Shuttle and ISS Flight Director.

Responsible for the safe conduct of manned space flight missions. Leads the flight control team in flight preparation and execution from Mission Control. Has supported 23 Shuttle and International Space Station missions as a Flight Director.

Led an independent assessment of the Chandra Space Telescope's flight readiness for NASA Headquarters. In September 2002, spent 5 days saturation diving 4 miles off shore of Key Largo from the Aquarius habitat as a space analogue for working and training under extreme environmental conditions. Led the Columbia accident investigation team responsible for: detecting and locating early debris during entry; obtaining and analyzing all data collected by government agency sensors during entry; and coordinating radar testing with the Air Force Research Laboratory.

Currently leading the team developing Shuttle on-orbit inspection and repair techniques and is the lead Flight Director for the return to flight.

Shuttle Flight Director assignments:

Served as Lead Flight Director on STS-104(7A) and STS-111(UF2). Also served as Shuttle Flight Director on STS-87, STS-89, STS-90, STS-95, STS-102(5A.1) and STS-108(UF1). Led the U.S. team at Mission Control Moscow during STS-86. Currently assigned as the Lead Shuttle Flight Director for the return to flight, STS-114 (LF-1).

ISS Flight Director assignments:

Served as Lead ISS Flight Director on STS-96(2A.1), Increment-0B and STS-101(2A.2a). Also served as an ISS Flight Director during STS-97(4A), all ISS increments through Expedition 6 and Expedition 9.

May 1990 - July 1996 Space Station and Space Shuttle operations engineer, Joint Operations Panel Chairman.

Led development of Space Station assembly operations and integrated systems procedures. Participated in every formal Space Station design review, three extensive spacecraft redesign activities and wrote many of the initial Space Station activation procedures.

July 1986 - May 1990 Captain, United States Air Force.

Commanded mobile satellite communications crews providing missile launch and nuclear detonation detection. Responsible for all facets of covert deployment planning for this system. Undergraduate aerodynamics and aircraft performance instructor.

TEAM NAME: Each NASA Flight Director chooses a call-sign to represent his team. Mr. Hill has chosen Atlas as the call-sign for his flight control team.

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