



Frederick H. Hauck, Captain, USN (Ret.)
 "Rick"

Date of Designation: 12 February 1968 NA # V26215

Dates of Active Duty: 25 June 1962 - 31 May 1990

Total Flight Hours: 5,500

Carrier/Ship Landings: Fixed wing: 300 day/112 night

Approximate Flight Hours:

Jet: 4,850 Prop: 200 Helo: 25 VF/VA: 2,000
 Rocket: 436 VT: 2,800

Combat Tours:

Vietnam: VA-35, USS *Coral Sea* (CVA-43), Nov. 1969 - May 1970 - 114 combat/combat support missions.

Aviation Commands:

Naval - None

Commander two space shuttle flights:

DISCOVERY - STS-51A, November 1984

DISCOVERY - STS-26, September 1988

Combat Awards:

9 Air Medals (Strike/Flight)

Navy Commendation Medal with combat "V"

Duty Assignment Chronology

9/66-2/68 Training Command (VT-1/VT-7/VT-4/VT-21)
 T-34A/T-2A/T-2B/TAF-9J.
 4/68-9/68 VA-42, RAG Student (A-6A).
 10/68-6/70 VA-35, Fleet Pilot (A-6A).
 7/70-2/71 VA-42, Instructor Pilot (A-6A).
 2/71-9/71 US Naval Test Pilot School, Student (A-4/
 F-8/T-38/T-1/B-26/T-28/OV-1/UH-1/X-26/
 C-54/U-6).
 11/71-7/74 Naval Air Test Center, Test Pilot (A-3/A-4/
 RA-5/A-6/EA-6/A-7/F-4/F-8/F-14/C-1/T-2/E-



2/S-3/AH-1/T-38).
 8/74-7/76 Air Wing 14/USS *Enterprise* (CVN-65),
 Operations Officer (A-6/F-14/A-7/SH-3).
 8/76-2/77 VA-128, RAG Student (A-6).
 2/77-4/78 VA-145, XO (A-6).
 6/78-3/89 NASA, Astronaut (T-38/KC-135/Gulfstream
 II/B747/C-5A/ Space Shuttle).
 4/89-5/90 OPNAV/Navy Space Systems Div., Director

Summary of Significant Career Events

- (1) Pax River: Carrier suitability test pilot for F-4, A-6, A-7, F-14. Team leader for F-14A Board of Inspection and Survey Carrier Aircraft Performance Trials. Made first ever night carrier landing of the F-14. Ejected at low altitude from RA-5C after fuel tanks exploded; in parachute 15 seconds before landing in Chesapeake Bay. Named Navy's Outstanding Test Pilot for 1974.
- (2) As CAG Ops on USS *Enterprise*, flew A-6, A-7, and F-14 during day and night carrier operations. *Enterprise* air wing provided cover for evacuation of Saigon.
- (3) Screened for C.O. of VA-145, but left to join NASA as astronaut in April, 1978
- (4) NASA: First in class to pilot space shuttle, aboard *CHALLENGER*, in June 1983. With Bob Crippen, conducted first formation flying of shuttle with free-flying satellite. First in class to command space shuttle, aboard *DISCOVERY*, in November, 1984. This was first shuttle mission to rendezvous with satellites and bring them back to earth. Commander of first shuttle flight after *CHALLENGER* accident, aboard *DISCOVERY* in 1988. Awarded two Defense Distinguished Service Medals and the NASA DSM.

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Biographical Data

Born April 11, 1941, in Long Beach, California. His parents were the late Captain and Mrs. Philip F. Hauck.

Rick, a Navy ROTC student at Tufts University, was commissioned upon graduation in 1962 and reported to the USS *Warrington* (DD-843) where he served 20 months as communications officer and CIC officer. In 1964, he attended the U.S. Naval Postgraduate School, Monterey, California, for studies in mathematics and physics and for a brief time in 1965 studied Russian at the Defense Language Institute in Monterey. Selected for the Navy's Advanced Science Program, he received his master's degree in Nuclear Engineering from MIT the next year.

Rick was selected as an astronaut candidate by NASA in January 1978. He was pilot for STS-7, the seventh flight of the Space Shuttle, which launched from Kennedy Space Center, Florida, on June 18, 1983. The crew included Bob Crippen (spacecraft commander), and three mission specialists, John Fabian, Sally Ride, and Norm Thagard. This was the second flight for the orbiter *Challenger* and the first mission with a 5-person crew. During the mission, the STS-7 crew deployed satellites for Canada (ANIK-C2) and Indonesia (Palapa B-1). Mission duration was 147 hours before landing on a lakebed runway at Edwards Air Force Base, California, on June 24, 1983.

Rick was next spacecraft commander of STS 51-A which launched from Kennedy Space Center, Florida, on November 8, 1984. His crew included Dave Walker (pilot), and three mission specialists, Joe Allen, Anna Fisher, and Dale Gardner. This was the second flight of the orbiter *Discovery*. During the mission the crew deployed two satellites, Telesat Canada's Anik D-2, and Hughes' LEASAT-1 (Syncom IV-1). In the first space salvage mission in history the crew also retrieved for return to earth the Palapa B-2 and Westar VI satellites. STS 51-A completed 127 orbits of the earth before landing at Kennedy Space Center, Florida, on November 16, 1984.

In March 1985 Captain Hauck became the astronaut office project officer for the integration of the liquid-fueled Centaur upper stage rocket into the shuttle. In May 1985 he was named Commander of the Centaur-boosted Ulysses solar probe mission (sponsored by the European Space Agency). After the Challenger accident this mission was postponed, and the Shuttle Centaur project was terminated.

In August 1986, Captain Hauck was appointed NASA Associate Administrator for External Relations, the policy advisor to the NASA Administrator for congressional, public, international, inter-governmental, and educational affairs. He resumed his astronaut duties at the Johnson Space Center in early February 1987.

Rick was spacecraft commander on STS-26, the first flight to be flown after the *Challenger* accident. The orbiter *Discovery* was launched from the Kennedy Space Center,

Florida, on September 29, 1988. The flight crew included the pilot, Dick Covey, and three mission specialists, Dave Hilmers, Mike Lounge, and George (Pinky) Nelson. During the four day mission, the crew deployed the Tracking and Data Relay Satellite (TDRS-C) and operated eleven mid-deck experiments. *Discovery* completed 64 orbits of the earth before landing at Edwards Air Force Base, California, on October 3, 1988. With the completion of his third spaceflight, Hauck has logged over 5500 flight hours, 436 in space.

In May 1989 he became Director, Navy Space Systems Division, in the Office of the Chief of Naval Operations. In this capacity he held budgeting responsibility for the Navy's space programs. Captain Hauck left military active duty on June 1, 1990.

In October 1990, he joined AXA Space (formerly INTEC) as President and Chief Operating Officer and on January 1, 1993 assumed responsibilities as Chief Executive Officer. AXA Space is a world leader in providing property and casualty insurance for the risk of launching and operating satellites. EDUCATION: Graduated from St. Albans School in Washington, D.C. in 1958; received a bachelor of science degree in Physics from Tufts University in 1962 and a master of science degree in Nuclear Engineering from the Massachusetts Institute of Technology in 1966; graduate, U.S. Naval Test Pilot School, 1971.

Rick is married to Susan Cameron Bruce. Together they have five children: Whitney Hauck-Wood, Stephen Hauck, Kimberly Holden, Betsy Thompson and Jennifer Holden. They have seven granddaughters and one grandson.