



## Karol "Bo" Bobko

Colonel Bobko became a NASA astronaut in September 1969. He was a crewmember on the highly successful Skylab Medical Experiments Altitude Test (SMEAT) - a 56-day ground simulation of the Skylab mission, enabling crewmen to collect medical experiments baseline data and evaluate equipment, operations and procedures.

Bobko was a member of the astronaut support crew for the Apollo-Soyuz Test Project (ASTP). This historic first international, manned space flight was completed in July 1975. Subsequently, he was a member of the support crew for the Space Shuttle Approach and Landing Tests conducted at Edwards Air Force Base, California. He served alternately as CAPCOM and prime chase pilot during these Approach and Landing Test (ALT) flights.

In preparation for the first flight of Columbia (STS-1) Colonel Bobko served as the lead astronaut in the test and checkout group at Kennedy Space Center. A veteran of three space flights, Bobko has logged a total of 386 hours in space. He was the pilot on STS-6 (April 4-9, 1983); and was the mission commander on STS-51D (April 12-19, 1985) and STS-51J (October 3-7, 1985).



## Jerry Ross

Ross was selected as an astronaut in May 1980. His technical assignments since then have included EVA (spacewalks); Robotics; Space Shuttle Landing Chase Team; support crewman for STS-41B, 41C and 51A; spacecraft communicator (CAPCOM) during STS-41B, 41C, 41D, 51A and 51D; Chief of the Mission Support Branch; member of the 1990 Astronaut Selection Board; Acting Deputy Chief of the Astronaut Office; Chief of the Astronaut Office EVA and Robotics Branch and Astronaut Office Branch Chief for Kennedy Space Center Operations Support. From 2004 to 2007, he served as the Chief Astronaut of the NASA Engineering and Safety Center (NESC).

Ross flew as a mission specialist on STS-61B (1985), STS-27 (1988) and STS-37 (1991); was the Payload Commander on STS-55/Spacelab-D2 (1993); and served as a mission specialist on the second space shuttle to rendezvous and dock with the Russian Space Station Mir, STS-74 (1995), the first International Space Station assembly mission, STS-88 (1998) and on another Space Station assembly mission, STS-110 (2002). A veteran of seven space flights, Ross has more than 1,393 hours in space, including 58 hours and 18 minutes of EVA on nine spacewalks. He was the first human to be launched into space seven times. These seven flights comprise a world record that Ross now shares with one other NASA astronaut. Both his number of spacewalks and time on spacewalks are all time second highest among NASA astronauts.

Ross served as Chief of the Vehicle Integration Test Office at the Johnson Space Center from 2003 through 2011. He retired from NASA on his birthday, January 20, 2012.