

SATURDAY, MAY 7

11:00 am – 11:45 am

STS-1 pilot and Hall of Fame astronaut Robert Crippen presentation in Astronaut Encounter Theater
(no autographs)

11:45 am – 12:45 pm

Apollo and Hall of Fame astronauts Charlie Duke and Edgar Mitchell book signing in The Space Shop

12:15 pm – 1:30 pm

Lunch With the Apollo Astronauts: Reflections of 50 Years of Spaceflight, in the Debus Conference Center, featuring:

- Walt Cunningham, Apollo 7
- Richard Gordon, Apollo 12
- Fred Haise, Apollo 13
- Edgar Mitchell, Apollo 14
- Al Worden, Apollo 15
- Charlie Duke, Apollo 16

(Additional ticket required for the lunch)

1:00 pm – 2:00 pm

Space shuttle and Hall of Fame astronauts Joe Allen (STS-5 and STS-51A) and Rick Hauck (STS-7, STS-51A, STS-26) autograph signing in The Space Shop

3:00 pm – 4:00 pm

2011 U.S. Astronaut Hall of Fame Induction Ceremony in NASA Central. Join us in celebrating the accomplishments of the Class of 2011 Inductees, Karol "Bo" Bobko and Susan Helms

Please note that all book and autograph signings are for the allotted time only. Astronauts that are conducting book signings will be signing books only. Please do not bring additional items. In consideration for others, only one item per person permitted at all signings. Items for signature will be available for purchase on site at The Space Shop prior to the signing. Astronaut schedules are subject to change.

Kennedy Space Center


VISITOR COMPLEX



ASTRONAUT
SCHOLARSHIP
FOUNDATION
CREATED BY THE MERCURY 7 ASTRONAUTS



 **BOEING**

LOCKHEED MARTIN 

James Long

SAIC
From Science to Solutions




OMEGA

2011 U.S. ASTRONAUT HALL OF FAME INDUCTION CEREMONY

HONORING

KAROL "BO" BOBKO
SUSAN HELMS



ATTENDING HALL OF FAME ASTRONAUTS

JOE ALLEN
JOHN BLAHA
CHARLES BOLDEN
ROBERT CABANA
SCOTT CARPENTER
ROBERT CRIPPEN
WALT CUNNINGHAM
CHARLIE DUKE
OWEN GARRIOTT
RICHARD GORDON
FRED GREGORY
FRED HAISE
HANK HARTSFIELD
RICK HAUCK
JEFF HOFFMAN
JACK LOUSMA
EDGAR MITCHELL
WILLIAM POGUE
LOREN SHRIVER
AL WORDEN



KAROL "BO" BOBKO

During his 19 years in the astronaut program, Karol J. "Bo" Bobko, (Colonel, USAF, Ret.), flew on three space shuttle missions and logged more than 386 hours in space.

Bobko served as pilot during the first voyage of space shuttle *Challenger* aboard STS-6 in January 1983. The crew deployed the first of a new series of communication satellites and conducted the first space shuttle spacewalk. The mission used the first light weight external tank and solid rocket booster castings.

In April 1985, Bobko served as the commander of STS-51D space shuttle *Discovery*. The mission was to deploy two communication satellites. When one of the satellites (Leasat-3) malfunctioned, a daring attempt was made to activate the satellite which required a spacewalk, rendezvous and operation of the robotic arm, none of which had been planned or specifically trained for before the flight. After five days in space, Bobko successfully landed space shuttle *Discovery* in spite of a blown main landing gear tire. In October 1985, Bobko flew on STS-51J, the first flight of space shuttle *Atlantis* and the second Department of Defense mission for the Space Shuttle Program.

Bobko retired from NASA and the U.S. Air Force in 1988. Currently, he is the Science Applications International Corporation (SAIC) program manager for the contract which provides operations, development, maintenance and modification for the Simulation Laboratory Facilities at the NASA Ames Research Center. Bobko is also the President of the U.S. Chapter of the Association of Space Explorers.



SUSAN HELMS

Five-time space shuttle astronaut Susan J. Helms, (Lieutenant General, USAF), has logged 5,064 hours in space and holds the world record for the longest spacewalk with astronaut Jim Voss.

Helms' first mission was in January 1993, aboard STS-54 space shuttle *Endeavour*. The primary objective of this mission was to deploy a \$200 million Tracking and Data Relay Satellite (TDRS-F). Her second mission was aboard STS-64 in September 1994 as a flight engineer and the primary Remote Manipulator System (RMS) operator. From June 20 to July 7, 1996, aboard STS-78, Helms was the payload commander and flight engineer on the longest space shuttle mission to date. The mission included studies sponsored by ten nations and five space agencies. Helms flew again aboard STS-101 in May 2000 and performed critical repairs to extend the life of the Functional Cargo Block (FCB) on the International Space Station.

From March to August 2001, Helms became the first woman to live and serve aboard the International Space Station as a member of the Expedition-2 crew. Helms installed the Guest Joint Airlock to the Unity module using the newly installed Canadarm2. They welcomed a visiting Soyuz crew that included the first space tourist. Helms also performed a world record 8 hour and 56 minute spacewalk to install hardware to the external body of the laboratory module.

After a 12-year career with NASA that included 211 days in space, Helms returned to the U.S. Air Force in July 2002. In January of 2011, she became the Commander of the 14th Air Force, Air Force Space Command, and the Commander of the Joint Functional Component Command for Space, U.S. Strategic Command.