

Captain Ken Ham

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Education

Degree	Discipline	Institution	Year
M.S.	Aeronautical Engineering	Naval Postgraduate School	1996
B.S.	Aerospace Engineering	US Naval Academy	1987

Academic Experience

Institution	Rank	Title	Dates	Full or Part Time
U.S. Naval Academy	Military Instructor	Chair	2012 - present	Full

Non-Academic Experience

- 2010-2012 NASA Research pilot (WB-57F) & Instructor pilot (T-38N) Kandahar Air Field Afghanistan & Ellington Field Houston TX.
- 2009-2010 Commander, STS-132 (Atlantis) delivering Russian MRM-1 to the International Space Station (ISS) Johnson Space Center (JSC) Houston TX.
- 2008-2009 Lead Astronaut Support Personnel (ASP) Kennedy Space Center FL
- 2007-2008 Pilot, STS-124 (Discovery) delivering the Japanese Experiment Module (JEM) to the ISS JSC TX
- 2002-2007 Lead Space Shuttle Ascent/Entry Capsule Communicator (CAPCOM), Shuttle Orbit CAPCOM & ISS CAPCOM JSC TX.
- 1999-2002 Lead astronaut for X-38/Crew Return Vehicle development and Source Evaluation Board Technical lead. Lead Space Shuttle Landing & Rollout officer. Lead astronaut Rendezvous officer JSC TX.
- 1998-1999 Astronaut Candidate JSC TX
- 1996-1998 Lead Carrier Suitability Test Pilot for F/A-18E/F Super Hornet Engineering Manufacturing Development team. Engineering Test Pilot Strike Test squadron Patuxent River MD.
- 1995-1996 Student, Navy Test Pilot School
- 1989-1994 Fleet FA-18 pilot VFA-106, VFA-132, VFA-105 & COMSTRKFITWINGLANT, Air wing strike leader, demonstration pilot, nuclear weapons delivery pilot, night vision goggle & air combat maneuvering instructor pilot NAS Cecil Field Jacksonville FL.
- 1988-1989 Student Naval Aviator, NAS Corpus Christi TX & NAS Beville TX.
- 1987-1989 NASA Test director on 0-g test aircraft (KC-135).

Certifications and Professional Registrations

- Naval Astronaut
- Engineering Test Pilot, US Naval Test Pilot School
- Information Dominance Warfare Officer
- DoD Space Cadre Professional
- FAA Certificated Commercial Pilot

Current Membership in Professional Organizations

- Association of Space Explorers (life)
- Member Society of Experimental Test Pilots (lapsed)
- USNA Alumni Association (life)

Honors and Awards

- Legion of Merit
- Distinguished Flying Cross
- Defense Meritorious Service Medal
- NASA Outstanding Leadership Medal
- Distinguished graduate Navy Test Pilot School

Service Activities

- USNA
 - Chair, Aerospace Engineering Department (2012 – present)
 - Blue & Gold Officer (2007-present)
- External
 - Activity 1 (2010 – present)

Selected Publications and Presentations (Last Five Years)

- Numerous presentations representing NASA and human space flight as both Public Relations to the general public and educational from middle school through University level at institutions around the world.

Recent Professional Development Activities

- Conducted 'Mission Discovery' camps for the International Space School Educational Trust (ISSET). Week long space experiment design effort for target age group 16-22.
 - King's college, London UK July 2012
 - University of Adelaide, Adelaide Australia February 2012
 - Imperial college, London UK September 2011
- Conducted 'Astronaut Leadership Experience' camps for ISSET
 - Gobi Desert, Mongolia June 2012 (transit of Venus)