

MAJOR GENERAL (RET.) DAVID A. HARRIS, M.E., M.S.S.

OBJECTIVE To leverage 31 years of leadership experience in military operations, international relations, developmental test engineering, and command to prepare the next generation of leaders for a dynamic future. To provide a rich bank of government-industry experience to university leaders allowing informed, balanced and proactive strategic decisions. To “pay forward” the opportunities afforded by past leaders, professors and mentors.

SKILLS AND ABILITIES Strategic decision maker, proven builder of successful teams, multi-lingual multi-discipline problem solver, passionate technology advocate and myth buster, accomplished presenter. Proven track record spanning the globe in a broad range of specialties from combat electronic warfare through intergovernmental negotiation to leadership at the nexus of government and industry in the United States Department of Defense.

EXPERIENCE

COMMANDER, AIR FORCE TEST CENTER, EDWARDS AFB, CA
June 2015 – August 2018
Commanded all developmental testing for the Air Force—air, space and cyber. With a workforce of more than 18,000, an operating budget of approximately \$3 billion covering 31 sites from Seattle to Boston to Los Angeles to Melbourne, Florida and many more between, this is a two-star general’s responsibility.

COMMANDER, 96TH TEST WING, EGLIN AFB, FL
July 2012 – June 2015
Commanded the largest base in the Air Force. Responsible for strategic planning, resourcing and execution of operations covering a land area nearly the size of Rhode Island and an over-sea test range covering the eastern third of the Gulf of Mexico from the Florida panhandle to Key West. This wing is also the headquarters of cyberspace testing in the U.S. Air Force.

VICE COMMANDER, AIR ARMAMENT CENTER, EGLIN AFB, FL
June 2010 – July 2012
Governed the acquisition of munitions, oversaw execution of cyber and munitions testing, and helped facilitate the massive reorganization of Air Force Materiel Command.

WING COMMANDER, DATA MASKED
June 2008 – June 2010
(Not authorized to comment.)

COMMANDER, 46TH TEST GROUP, HOLLOMAN AFB, NM

June 2006 – June 2008

Led a large and diverse test force evaluating: laser weapons, hypersonic rocket sleds, satellite and inertial guidance equipment, radar cross-section reducing stealth coatings and shapes, and the performance of precision guided bombs and missiles on and near the White Sands Missile Range.

SPECIAL ASSISTANT FOR BASE REALIGNMENT AND CLOSURE, WRIGHT-PATTERSON AFB, OH

January 2006 – June 2006

Led a team of planners to sequence movements, provision for new construction and logistics, and mitigate risks associated with the 2005 round of BRAC closures and force realignments.

DEPUTY DIRECTOR, AIR FORCE RESEARCH LABORATORY MATERIALS DIRECTORATE, WRIGHT-PATTERSON AFB, OH

June 2005 – January 2006

Led more than 100 civilian and military research scientists—mostly Ph.D's. Basic research included breakthroughs in nanotechnology, micromachines, laser defense, biomimetics, etc.

STUDENT, AIR WAR COLLEGE, MAXWELL AFB, AL

July 2004 – May 2005

(see "education" below)

COMMANDER, BOMBER COMBINED TEST FORCE, EDWARDS AFB, CA

July 2002 – May 2004

Led development testing of the U.S. bomber stable—the workhorse B-52, the supersonic B-1 and stealthy flying-wing design B-2. Work included incorporation of new sensors, communications equipment, advanced cruise missiles, and more accurate and reliable navigation units, among many others.

CHIEF OF CURRENT OPERATIONS, U.S. FORCES JAPAN, YOKOTA AB, TOKYO, JAPAN

November 1999 – July 2002

Responsible for facilitating training and real-world operations of U.S. military forces stationed in Japan. Joint assignment working not with just the Air Force but all DoD service components—Army, Navy, and Marine Corps. Many issues were negotiated with Japan, such as moving a Marine Corps helicopter base from a crowded city to a less populated site, finding a compromise between Navy carrier landing practice and noise complaints by surrounding communities, transferring control of commercial airline traffic around Okinawa from U.S. military to Japanese civilian controllers, and planning the U.S.-Japan security response to the 9-11 attacks.

LEGISLATIVE FELLOW, OFFICE OF CONGRESSMAN JAMES V. HANSEN (UT-1), CAPITOL HILL, D.C.

October 1998 – November 1999

Advised the Congressman on space, air and cyber military policy and covered a portfolio including Veterans Administration initiatives, intelligence, military use of public lands, etc.

PROJECT MANAGER, RS-68 BOOSTER ROCKET ENGINE TEST, EDWARDS AFB, CA

May 1998 – October 1998

Managed testing on the most powerful hydrogen-oxygen rocket in the world. Tests produced more than 600,000 pounds of force. Later certified to fly on the Delta IV Evolved Expendable Launch Vehicle.

FLIGHT COMMANDER, B-1 BOMBER - UNMANNED AERIAL VEHICLE TEST, EDWARDS AFB, CA

December 1995 – May 1998

Flight tested conversion of the B-1 bomber from a nuclear delivery platform to a conventional mission set. Upgrades included anti-missile defenses and satellite-guided munitions among others. Led the U.S. Air Force test team during the first flights of the Global Hawk high-altitude, long endurance reconnaissance remotely piloted aircraft.

STUDENT, U.S. AIR FORCE TEST PILOT SCHOOL, EDWARDS AFB, CA

January 1995 – December 1995

Distinguished Graduate (see “education” below)

INSTRUCTOR AND EVALUATOR ELECTRONIC WARFARE OFFICER, CANNON AFB, NM

August 1992 – November 1994

Combat missions from Turkey in OPERATION PROVIDE COMFORT (defense of ethnic Kurds in northern Iraq) and from Saudi Arabia in OPERATION SOUTHERN WATCH (No-fly zone enforcement in protection of Shia minority Iraqis in southern Iraq).

EF-111 ELECTRONIC WARFARE OFFICER, MOUNTAIN HOME AFB, ID

October 1988 – August 1992

Combat missions in OPERATION DESERT STORM from Saudi Arabia over Iraq and Kuwait (expulsion of invading Iraqi forces from the Emirate of Kuwait).

EDUCATION

UNIVERSITY OF NORTH CAROLINA, KEENAN-FLAGLER BUSINESS SCHOOL SEMINAR, 2006

Organizational management case studies with practical exercises based on historical examples.

AIR WAR COLLEGE, MASTER OF SCIENCE IN STRATEGIC STUDIES, 2005

Emphasis in Chinese military history and philosophy, emerging technologies and their likely impact on future governments and cultures.

GEORGETOWN UNIVERSITY, GOVERNMENT AFFAIRS INSTITUTE SEMINAR, 1999

Focused on the legislative process and Senate-House culture

CALIFORNIA STATE UNIVERSITY FRESNO, MASTER OF SCIENCE IN ENGINEERING, 1998

4.0 GPA with emphasis in aeronautical and astronautical engineering. Taught at Edwards Air Force Base by NASA research test pilots as part of Fresno State’s extension program.

U.S. AIR FORCE TEST PILOT SCHOOL, EDWARDS AFB, CA, 1995

Awarded the R. L. Jones trophy as the top graduate. Curriculum covered performance, handling qualities, sensors and other systems flight test and culminated in management of a real-world test program. Flight experience was gained in virtually all U.S. front-line fighters, bombers, cargo, and training aircraft. Also given flight exposure in unusual handling qualities aircraft from stunt planes and sailplanes to the Goodyear blimp—more than 20 types in all.

BRIGHAM YOUNG UNIVERSITY, BACHELOR OF SCIENCE, MECHANICAL ENGINEERING, 1986

Magna Cum Laude. Minors in Aerospace Studies and Mathematics. Awarded the BYU Trustees 4-year scholarship as well as Air Force ROTC's 4-year full tuition scholarship.

PUBLICATIONS

“Investigation of Global Positioning System use for air data system calibration of general aviation aircraft” with Andrew J. Knoedler, William D. Bailey, and, Bruce H. McClintock, American Institute of Aeronautics and Astronautics paper 96-3417, *AIAA Atmospheric Flight Mechanics Conference, San Diego, CA, July 29-31, 1996 Technical Papers (A96-35084 09-08)*, Reston, VA, American Institute of Aeronautics and Astronautics, 1996

LANGUAGES

English, Japanese

**AWARDS,
PROFESSIONAL
ASSOCIATIONS AND
OTHER DETAILS**

ENGINEERING

2013 Brigham Young University Ira A. Fulton College of Engineering and Technology Alumni Achievement Award

2017 Brigham Young University Department of Mechanical Engineering Distinguished Alumni Award

LEADERSHIP

1986 Distinguished Graduate, Reserve Officers Training Corps, Brigham Young University. Graduated as Cadet Wing Commander (Highest ROTC position).

2019 Brigham Young University, Wheatley Institution, Advisory Council on Business Ethics

GOVERNMENT

1999 U.S. Air Force Legislative Fellow, 106th United States Congress

Enjoys oil painting. Married with four daughters.