

HENRY F. KUHLMAN III

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EDUCATION:

BS Electrical Engineering, 3.74 GPA
United States Air Force Academy
Colorado Springs, Colorado

AA French, 3.93 GPA
Defense Language Institute
Monterey, California

ACTIVITIES:

- College: Student Government, Junior Varsity Fencing
- Other: Member of Society of Experimental Test Pilots, St. Vincent De Paul Thrift Store Volunteer

EXPERIENCE: 01/14 – Present: Lieutenant-Colonel, United States Air Force Reserve

08/12 – Present: University of Oklahoma Graduate Student and Teaching Assistant. Completes graduate level classes while accomplishing fundamental research towards fulfilling requirements of a graduate degree. As a teaching assistant (TA) for four semesters, graded student homework and exams and answered student questions during regularly scheduled office hours.

- Two semesters as TA for Digital Signals and Filtering. Supported over 60 undergraduate students each semester.
- One semester as TA for Signals and Systems and one semester as TA for Electromagnetic Fields I.

12/10 – 01/14: KC-135R Aircraft Commander. Maintained worldwide mission-ready certification as mission pilot in the KC-135R refueling aircraft. Responsible for all phases of training missions including planning, briefing, formation and in-flight operation.

12/07 – 06/10: Operations Officer/HH-60G Helicopter Test Pilot. Planned, executed, and managed developmental testing and evaluation for the Air Force HH-60G helicopter and the pararescue equipment employed by the crew. Integrated test requirements between three major Air Force headquarters and the HH-60G helicopter program management office.

- Test director for \$9.2M helicopter automatic hover system that reduced pilot workload while flying in poor visibility
- Supervisor and project pilot for helicopter forward-looking infrared system test; facilitated acquisition of new state-of-the-art aircraft navigation equipment

08/05 – 12/07: Assistant Operations Officer/TH-1H Helicopter Test Pilot. Planned, executed, and managed developmental and qualification tests of Air Force Special Operations Command airplanes and helicopters. Coordinated assets from six different headquarters and various agencies to accomplish ground and flight tests on eleven major USAF aircraft types.

06/04 – 08/05: Experimental Test Pilot Student. Student at the French Test Pilot School located at Istres Airbase in France.

- Completed 450 hours of instruction including: theoretical aerodynamics, flight mechanics, and aircraft performance
- Completed 100 hours of flight training and 3 flight evaluations during 10-month course
- Liaison between US Navy and French Test Pilot Schools to facilitate end-of-course aircraft evaluations for students

10/03 – 06/04: French Language Student. Student at the Defense Language Institute at the Presidio of Monterey in California.

- Completed language training as a distinguished graduate with honors and a 3.93 GPA

11/00 – 10/03: E-3B/C Airborne Warning and Control System Aircraft Commander. Commanded, supervised, and led a 23-member flight and mission crew in tactical and strategic employment of a \$300M aircraft. Ensured overall mission effectiveness and safety of flight while monitoring and analyzing aircraft systems to meet flight and mission requirements.

07/97 – 11/00: UH-1N Evaluator Pilot. Supported the nuclear deterrence mission of the 341st Space Wing and conducted airlift missions to support distinguished visitors and the national search-and-rescue plan. Taught advanced tactical, mountain search-and-rescue, and instrument flying procedures as flight instructor. Managed and administered flight evaluations as senior flight evaluator.

- Rescued three individuals in remote areas of Montana in support of local and national search-and-rescue plans
- Managed 3000-hour flying program for 8 aircraft and 23 aircrew members keeping personnel current and proficient

PROFESSIONAL TRAINING/QUALIFICATIONS:

- Practical experience using MATLAB, HFSS, and AWR Microwave Office to solve engineering problems
- Defense Acquisition University Test & Evaluation Level 1 Certification
- Proficient in MS Office Programs: Word, Excel, Outlook and Power Point