

RANDOLPH D. TOMKINS

Embry-Riddle Aeronautical University
College of Aviation
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EDUCATION: Master of Arts - Religion

Liberty Theological Seminary, Lynchburg, VA, May 2000

Master of Science - Air and Ocean Sciences

Naval Postgraduate School, Monterey, CA, March 1984

Bachelor of Arts - Environmental Sciences

University of Virginia, Charlottesville, VA, June 1974

EXPERIENCE:

2001 – present: Lecturer in Meteorology, Embry Riddle Aeronautical University, Prescott Arizona.
Teach aviation meteorology in Department of Meteorology, College of Aviation

1995 - 2000 Instructor, Liberty University, Lynchburg, VA Mathematics Dept. Taught courses in Intermediate and College Algebra, Physical Science Labs.

1995-2000 Seminary student at Liberty University, Lynchburg, VA. Completed Seminary coursework and obtained Master of Arts Degree

1976-1994 Served 18 years with the U.S. Navy as Naval Weather/Oceanography Officer: Gained extensive experience forecasting weather and oceanography for fleet operations. Managed and trained professional personnel to qualification at forecast positions

US NAVY CAREER

1991 – 1994 Navy Deputy, Defense Meteorological Satellite Program (DMSP), System Program Office, Los Angeles, CA

- Represented Navy technical and air/ocean sensor data requirements to the DMSP
- Directed contractor sensor applications studies to increase DMSP satellite tactical effectiveness
- Appraised Navy Pentagon staff of technical problems in microwave sensor development
- Initiated Navy actions to update service Operational Requirements Document (for sensor data)

1988 – 1991 Anti-Submarine Warfare (ASW) Division Officer / Senior Watch Officer, Fleet Numerical Oceanography Center, Monterey, CA

- Coordinated configuration control of Navy ASW software, initiated software corrections
- Programmed and managed work schedule for 100-person global forecasting department
- Trained and qualified officers at weather/oceanography forecast positions

1976 – 1988 Staff Meteorologist / Weather / Oceanography Forecast Duty Officer, Naval Surface Staff, Western Pacific / USS LEXINGTON (AVT-16) / Naval Weather and Oceanography Detachment, Diego Garcia / Naval Weather Centers, Guam, Antarctica

- Deployed on joint U.S./Chinese and U.S./Japanese fleet operations, Northwest Pacific; forecasted weather, ocean conditions, in support of planning and on-scene operations
- Forecasted typhoon motion; recommended typhoon evasive actions to staff ships for two years
- Directed weather forecast detachment, Diego Garcia
- Forecast weather/ocean conditions for aircraft carrier operations, USS LEXINGTON

- Successfully directed USS LEXINGTON evasion of two hurricanes in the Gulf of Mexico
- Performed flight forecasting during two years of deployments in Antarctica
- Forecasted weather, ocean, typhoon conditions for Navy ships in West Pacific, Indian Oceans

1976 Commissioned Ensign, USN, Naval Officer's Candidate School, Newport, RI