

Franklin D. Richey

Embry-Riddle Aeronautical University
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Education DBA, Nova Southeastern University, Fort Lauderdale, FL. March 31, 1994.
(Field: Airline Strategic Management).

MBA, Pepperdine University, Malibu, CA, April 15, 1978.

Bachelor of Science - Meteorology, U.S. Naval Postgraduate School,
Monterey, CA June 1, 1964.

Present Position

Associate Dean
College of Aviation, Daytona Beach Campus
Embry-Riddle Aeronautical University

Qualifications

Dr. Richey has extensive experience in aviation as a professional pilot, educator, curriculum developer, and safety/security manager. A former military and airline pilot with over 10,000 hours in twenty different aircraft, he holds an FAA Airline Transport Pilot Airplane Certificate with Multi-engine Class Rating. During a 20-year military career, he 16 years as a pilot/manager and four years with the Defense Nuclear Agency, where he served as Assistant Test Group Director on five underground nuclear weapons effects tests at the Nevada Test Site. In this position, he was responsible for writing the construction site safety and nuclear device security plans to meet both OSHA and National Nuclear Weapons Security requirements. In a follow-on academic career spanning over 25 years, he has taught 15 separate courses (at both the graduate and undergraduate level) in both the traditional classroom, and by using distance-learning technologies. Over the past 10 years, Dr. Richey has developed and taught a graduate course in advanced airport planning, which uses the most sophisticated airport and airspace modeling simulation software available. During this period of time, Dr. Richey also participated as a team leader of a group of specialized faculty that developed the plan for Embry-Riddle's highly successful graduate and undergraduate applied aviation sciences degree programs. These degree programs were tailored to address industry needs in the specialized areas of: aeronautics, meteorology, air traffic management, aircraft accident investigation, and industrial safety. He has published academic textbooks in the areas of airline management and corporate aviation management. He is a recognized expert in the field of corporate flight department management. During the academic career, he has been involved in a number of research projects where modeling and simulation technologies were used to assess and evaluate airspace and airport capacity and delay. These initiatives have included funded research programs, totaling over \$700,000 dollars, from the FAA, NARI, NASA Ames Research Center and NASA Langley Research Center. From 1998 until 2002, he served as the Department Chair of the new Department of Applied Aviation Sciences and provided leadership during the critical start up phase. During this phase, he was responsible for development of curricula and implementation of four new academic degrees in three separate disciplines (Safety Science, Air Traffic Management, and Applied Meteorology). These degrees were approved by the Embry-Riddle Board of Trustees and have proven to be extremely successful. From 2002 until 2003 he served as the first Academic Dean of the NTSB Academy located at Ashburn, Virginia.

Employment History

2005-present	Associate Dean, College of Aviation, Daytona Beach Campus of Embry-Riddle Aeronautical University.
2003-2004	Professor, Department of Applied Aviation Sciences, College of Aviation, Daytona Beach Campus of Embry-Riddle Aeronautical University.
2002-2003	Academic Dean, National Transportation Safety Board's NTSB Academy, located at Ashburn, Virginia.
1998-2002	Chair, Department of Applied Aviation Sciences, College of Aviation, Daytona Beach Campus of Embry-Riddle Aeronautical University. Responsible for: <ul style="list-style-type: none">• Development of quality academic programs, and management of the fiscal, human resources and physical facilities of the Department.<ul style="list-style-type: none">○ Managing the Masters of Aeronautical Science degree program.○ Delivery of Bachelor of Science degrees in Applied Meteorology, Safety Science, and Air Traffic Management.○ Providing minor discipline support to other University degree programs.
1988-1998	Tenured Professor, Aeronautical Science, Embry-Riddle Aeronautical University Daytona Beach Campus
1982-1988	Associate/Assistant Professor, Business Administration, Embry-Riddle Aeronautical University, Prescott Campus
1978-1982	Director of Operations/Chief Pilot for Commuter/Regional airlines
1958-1978	Naval Aviator/manager USMC, retired with rank of Ltcol.

Academic Experience

1982-2005	<ul style="list-style-type: none">• Numerous Safety Science Courses• Air Carrier Operations• Airport Development and Operations• Corporate Aviation Management• Turbine Engines• Advanced Airport and Airspace Modeling• Specific courses taught available on request• Graduate Research Projects Supervised (49)
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Scholarly and Professional Activities

2009-2011	Co-Authored Textbook " <i>Practical Applications in Business Aviation Management</i> " Published by Government Institutes Publishing Company. FAA Grant " <i>The Impact of the Capstone Program on Aviation Accidents in Alaska</i> " Co-Principal Investigator (funded in the amount of \$49,000).
2003-2004	Presented Paper " <i>Runway Incursions: A Potential for Catastrophe</i> ," developed with Dr. Clarence Rodrigues, at Intelligent Transportation Systems (ITS) Conference on Security and Safety in Miami, FL on March 25, 2004.
2000-2003	Co-Authored ICAO Journal Article on NTSB Training Facility " <i>Training Facility will Prepare Safety Experts for Increasingly Complex Investigations</i> " Vol 58, November 4, 2003

Franklin D. Richey

- 1999-2000 NBAA Grant “*Projection of Personnel Needs in Business Aviation*” Co-Principal Investigator (funded in amount of \$12,280).
- 1998-1999 NASA Ames/NARI “*Measuring Controller Reactions to Free Flight Part 1 and 2.*” Real time simulation to measure controller reactions to differing free flight concepts. Member of development team (funded in the amount of \$150,000).
- 1995-1996 Co-Authored Textbook “*Commuter Airlines*” Published by Krieger Publishing Company. Used as text for AS-320.
Dissertation “*Strategic Alternatives for Operation of a Commuter or Regional Airline in a Deregulated Environment*” A theory testing study in the discipline of strategic management.
NASA Langley “*Developing Base Line Metrics for the Advanced General Aviation Technological Experiment.*” Analyzed Embry-Riddle aircraft fleet data to estimate training and maintenance costs for the proposed advanced GA aircraft. Member of development team (funded in the amount of \$100,000).
- 1993-1994 FAA “*Simulation Study to Determine Optimum Method of Integrating the Civil Tiltrotor into the Northeast Corridor.*” Member of development team (funded in the amount of \$4,000).
- 1992-1993 Authored 140-page supplemental textbook “*AS-320 Lecture Notes and Study Guide*” Published locally and sold in ERAU bookstore.
- 1991-1992 Authored 155-page supplemental textbook “*AS-412 Supplemental Class Notes*” Published locally and sold in ERAU bookstore.

University Service

- Directed and coordinated Educational Support Services portion of SACS reaccreditation Self Study, 1990-1992
- Served as member of a combined (NBAA and UAA) National Task Force to develop a Web-based Professional Development Program (PDP) for the Corporate Flight Departments, 1994-1996
- Directed and coordinated Council on Aviation (CAA) accreditation Self Study, 1999-2000 and 2004-2005
- Speaker of Daytona Beach Faculty Senate, 1996-1998

Professional Certificates/Affiliations

- ATP-ASMEI; AGI, IGI
- Member, University Aviation Association
- Member, Council on Aviation Accreditation
- Member, Air Traffic Control Association
- Member, National Safety Council
- Member, American Society of Safety Engineers

Awards

- “Outstanding Faculty” Prescott Campus, 1984.
- “Outstanding Performance Award” Aeronautical Science Department, 1991.
- Embry-Riddle Presidential “Innovation Award” for developing the first Corporate Pilot Student Development Program, 1994.
- “Outstanding Service Award” Daytona Beach Faculty Senate, April, 1998
- “Outstanding Performance Award” Applied Aviation Sciences Department, 2000.

Flying Experience

- More than 10,000 accident free hours of flight time in a variety of aircraft, including the DC-3 and Lockheed C-130 transport aircraft.

Franklin D. Richey

- FAA Certified Check Airman.