



## Douglas M. Moss

### AeroPacific Consulting

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- Profile:** Thirty-two years experience in civilian, commercial, military, and general aviation; including flight operations, training, flight test, airline operations, aircraft design, manufacturing, management, and aircrew salary and employment issues.
- Current faculty instructor in Aviation Human Factors at the University of Southern California's Viterbi School of Engineering.
  - Current airline pilot flying domestic and international routes in Airbus A320.
  - Former engineering test pilot for Douglas Aircraft Company in MD-80/90 and MD-11.
  - Former USAF experimental test pilot and faculty instructor at the USAF Test Pilot School
  - Trained aircraft accident investigator.
- Expertise:**
- Accidents: Accident investigation, reconstruction and causal analysis; NTSB report analysis; engineering assessments; CVR/FDR interpretation and analysis; etc.
  - Engineering: Cockpit design; human factors; aerodynamics.
  - Financial: Flight crew salaries; safety & risk assessments; training & operational audits.
  - Legal: Litigation support; expert testimony; legal research, deposition and documentation analysis; flight crew standard of care, witness interviews, legal aspects and ramifications of aircrew performance, pilot actions; air traffic control procedures, crew resource management, pilot training; etc.
- Experience:**
- Faculty instructor in Aviation Human Factors at USC's Viterbi School of Engineering - Aviation Safety and Security Program.
  - Airline Pilot (Instructor): United Airlines, Douglas Aircraft Company, EVA Airlines, Great China Airlines, U-Land Airlines, UNI Air, China Northern Airlines
  - Experimental Test Pilot (Instructor): Douglas Aircraft Company, US Air Force
  - Fighter Pilot (Instructor): US Air Force
  - Fleet Manager: Douglas Aircraft Company
  - Aircraft owner (Grumman Tiger)
- Relevant Education:**
- University of Southern California: Aviation Safety and Security Certificate  
University of Phoenix: Master of Business Administration  
Georgia Tech: Master of Science - Mechanical Engineering  
Georgia Tech: Bachelor of Engineering - Nuclear Engineering
- Professional Qualifications:**
- Airline Transport Pilot  
Type Certificates: A320, DC-9 (MD-80, MD-90), MD-11  
Type Qualifications: B-727, A320, F-15, F-4, A-37, T-33, T-34, T-37, T-38, T-46  
Single-Engine Land & Sea; Multi-Engine Land; Instrument  
Flight Engineer – Turbojet Powered  
Over 10,000 hours flight time.
- Professional Affiliations:**
- Society of Experimental Test Pilots  
Air Line Pilots Association  
Aircraft Owners and Pilots Association  
American Institute of Aeronautics and Astronautics  
Society of Automotive Engineers - SAE International  
Association of Aviation Psychology