



Robert B. Stoney ("Bob") Test Pilot, Engineer

OBJECTIVE

Support Industry and the FAA as a Test Pilot, Subject Matter Expert, Engineer, Designated Engineering Representative (DER) Test Pilot, or Unit Member (UM) Test Pilot

SUMMARY

Substantial Educational credentials
Recognized Subject Matter Expert
46 years of a Passion for Safety
FAA/AIR process expert: COS, Cert, Supervision

Diverse, extensive flight experience
Significant DER qualifications
Strong technical background
Clear communicator

EDUCATION

- 2002-2022 Multiple Federal Aviation Administration Training Courses covering the spectrum of Aviation
- 1993 **Aeronautical Engineer**, Naval Postgraduate School (NPS) Monterey, CA. Post Masters with Honors.
- 1992 **M.S. Aeronautical Engineering**, NPS Monterey, California.
- 1988 Aviation **Safety Officer Course**, NPS Monterey, California.
- 1986 **Graduate U.S. Naval Test Pilot School (USNTPS)**, Patuxent River, Maryland (48 weeks)
- 1980 **B.S. Aerospace Engineering**, Iowa State University, Ames, Iowa

EXPERIENCE

- 2023-Present Principal—**Stoney Aviation Consulting, LLC**. Consultant DER and Organization Delegation Authorization (ODA) Unit Member (UM) for multiple ODA's and independent aerospace firms
- 2002-2023 **Federal Aviation Administration (FAA) Test Pilot**. Lead test pilot for hundreds of Type Certification programs encompassing all aircraft types (Part 23, 25, 27, 29). Programs too numerous to list, include: Hawker 4000, Cessna 560XLS+, Garmin G1000 first cert; Fire-fighting Helicopter STC's, Helicopter Autopilots; FW and RW NVIS; Major King Air propulsion & Aero STC's; Boeing 737-900 SFP, 737-Max, 787, 747-8, Airbus A350, A330NEO, Major Accident investigations and engineering safety determinations, including Helios, Asiana, and 737 Max return to service. Additional details available.
- 1980-2002 **US Navy, Captain**. Operational P-3 Orion Pilot, Fleet "Blue Card" & Replacement Air Group (RAG) Instructor Pilot; Test Pilot, Safety Officer, Chief Flight Instructor & **Commanding Officer at USNTPS**

AVIATION QUALIFICATIONS

- DER **Full qualifications Part 23, 25, 27, 29, including rare full authority for Flight Manuals and Test Plans. Includes NVIS authority, and Major Repair/Alteration. Details available on FAA DMS.**
- Pilot Ratings **ATP**--Airline Transport Pilot (Multi-engine land and Helicopter)
CFI/CFII/MEI/CFII--Certified Flight Instructor (Single and Multi-engine land and sea, inst, Glider)
Commercial--Single Engine Sea, Multi-engine Sea
- Type Ratings CE-500, 560XL, 680, 750; B-737, 747, 777, 787; A-330, 350; L-188; SK-92
- Other **Authorized Experimental T-38/F-5, T-2, OV-1**
Night Vision Devices (ASEL, Helicopter), Tailwheel Airplane, FAST Formation 4 Ship Leader, Instructor & Check Pilot; **FAA Check Airman 2010-2023**
- Military **Instructor Pilot**: P-3, T-38, FA-18, T-2, OV-1, U-21 (King Air), U-6 (Beaver), U-1 (Otter), X-26A
Ratings (Schweizer 2-32), ASK-21; **Post Maintenance Check Pilot**: P-3, T-38, T-2, OV-1, U-6, X-26
Lead Standardization/Evaluation Pilot: P-3, T-38, T-2, U-6, X-26, OV-1, U-21
Other: Formation Leader--Section and Division; Instrument Check Pilot
- Flight Hours **Total**: 10,500; Pilot in Command: 7600, Instructor: 2700, Tailwheel: 1400. 196 Models flown (details available upon request)

COMMITTEE MEMBERSHIPS

- 2014-2023 Aviation Rule Making Advisory Committee (**ARAC**) Flight Test Harmonization Working Group (**FTHWG**), Topic leader for Failure Case evaluation methodology.
- 2017-2025 Society of Experimental Test Pilots (**SETP**) Membership committee.
- 2024-Present SETP/SFTE/AIAA Flight Test Safety Committee (**FTSC**) member

SUBJECT MATTER EXPERT

Flight Testing, Engineering, Human Factors, Flying Qualities, Stability and Control, Flight Manuals

HONORS

Fellow, Society of Experimental Test Pilots

PERSONAL

Married for 44 years , 3 grown children, enjoy personal flying, boating and travel.
Own L-19 Bird Dog & T-6 Texan; FAST Formation Check Pilot, CAF IP AT-19 & PT-23; Glider tow pilot;
EAA Young Eagles and Warbirds of America