

STUART E. BOTHWELL

Aviation Accident and Safety Analyst

System Engineering And Laboratories (S.E.A.L.), Tyler, TX.

EDUCATION

Bachelor of Science, Aviation Science, Baylor University, 1996
Pratt & Whitney PT-6 Engine Systems, 1998
US Army Aviation Safety Officers Course, 1993
US Army Maintenance Managers/Maintenance Test Pilot Course, 1988
(AH-1 Series), 1990 (AH-64A, OH-58A/C)
US Army Advanced Aircraft Qualification Course (AH-64A), 1989
US Army Advanced Aircraft Qualification Course (AH-1 Series), 1985
US Army Warrant Officer Rotary Wing Qualification Course, 1985



CERTIFICATIONS

FAA Commercial/Instrument Pilot-Rotorcraft Helicopter, Airplane
Single-Engine & Multiengine Land
FAA Flight Instructor-Airplane Single-Engine Land
FAA Airframe & Powerplant Mechanic
US Forest Service Qualified Technical Investigator
US Army Aviation Safety Officer/ Aircraft Accident Investigator
US Army Aircraft Maintenance Technical Inspector AH-1 Series, AH-64A,
OH-58A/C, UH-60A
US Army Aviation Maintenance Officer/ Functional Test Pilot AH-64A,
AH-1 Series, OH-58A/C
US Army Rotary Wing Aviator TH-55A, UH-1H, AH-1 Series, AH-64A, OH-58A/C
US Army Medium Helicopter (CH-47) Mechanic

TEACHING EXPERIENCE

Flight Instruction-Airplane Single Engine Land
Aircraft Accident Photogrammetry
Aviation Water Survival
Bloodborne Pathogen Training for Aircraft Accident Investigators

PROFESSIONAL MEMBERSHIPS

AOPA, Aircraft Owners & Pilots Association
ISASI, International Society of Air Safety Investigators
GAASI, General Aviation Air Safety Investigators

MILITARY SERVICE

1982-1992 US Army
1992-1996 US Army Reserve

ADDITIONAL EDUCATION

HAZMAT training, CPR first aid, bloodborne pathogens,
system safety, ground vehicle maintenance, industrial safety.

QUALIFICATIONS

Aviation operations, maintenance, logistics and safety experience since 1981, aviation program management, aviation maintenance quality control, system safety, industrial safety, failure analysis, aircraft accident reconstruction, alternative aviation fuels testing, airborne air pollution monitoring, aviation consulting.

EXPERIENCE

2004-Present	Aviation Safety and Accident Analyst, System Engineering And Laboratories (S.E.A.L.)	1996-1997	Marketing Manager-Aviation Precision Balance Tooling
2006-Present	Federal Express Senior Flight Safety Specialist	1993-1996	Attack Helicopter Pilot, Counter-Narcotics Pilot, Aviation Maintenance Officer, Aviation Safety Officer
2004-2006	Federal Express Maintenance Records Administrator	1988-1993	Maintenance Officer/ Functional Test Pilot
2003-2004	Emergency Medical Services Helicopter Pilot, Air-Evac Life team	1984-1988	Attack Helicopter Pilot
2003	Electronic News Gathering Helicopter Pilot	1982-1984	Medium Helicopter (CH-47) Mechanic
2002-2003	Air Operations Officer	1981-1982	Aircraft Refueler/ Ramp Attendant
1998-2002	Aircraft Accident Investigator		
1997-1998	Copilot, Research Assistant, Program Manager		