

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

MILITARY SERVICE

1982-1992 US Army
1992-1996 US Army Reserve

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.)
2006-Present Federal Express Senior Flight Safety Specialist
2004-2006 Federal Express Maintenance Records Administrator
2003-2004 Emergency Medical Services Helicopter Pilot,
Air-Evac Life team
2003 Electronic News Gathering Helicopter Pilot
2002-2003 Air Operations Officer
1998-2002 Aircraft Accident Investigator
1997-1998 Copilot, Research Assistant, Program Manager



PROFESSIONAL MEMBERSHIPS

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

ADDITIONAL EDUCATION

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

1996-1997 Marketing Manager-Aviation Precision Balance Tooling
1993-1996 Attack Helicopter Pilot, Counter-Narcotics Pilot,
Aviation Maintenance Officer, Aviation Safety Officer
1988-1993 Maintenance Officer/ Functional Test Pilot
1984-1988 Attack Helicopter Pilot
1982-1984 Medium Helicopter (CH-47) Mechanic
1981-1982 Aircraft Refueler/ Ramp Attendant