

Mr. Scott V. Goodley is a Senior Consultant in the transportation industry that specializes in aircraft accident and aircraft maintenance standard of care investigations. Mr. Goodley has worked for over 45 years in the aircraft maintenance industry, beginning as an aircraft mechanic. He worked through the ranks as an Electrician, Avionics Technician, Shop Inspector, Quality Control, Chief Inspector, and Director of Aircraft Maintenance in civil aviation Part 91, Part 135 Charter and Part 145 FAA Certified Repair Stations. Mr. Goodley is an Aircraft and Powerplant mechanic with Inspection Authorization credentials. He has experience with a wide variety of aircraft including general aviation and business jets. He has maintained Cessnas, Pipers, Beechcraft and Falcon jets. Mr. Goodley is an expert in Continental (CAT), Lycoming, and Superior Air Parts reciprocating engines and jet engines, such as the TFE 731 jet engine, Pratt & Whitney PT6 and Garrett TPPE-331 turbine engine. He has testified in depositions and trials, both state and federal.

Education

Aero Tech, Airframe & Powerplant Aviation School. Broomfield, CO. 1978

Vocational Automotive Maintenance, Aurora Technical College. Aurora, CO. 1976

Positions Held

Engineering Systems Inc., Dallas, Texas

- Senior Consultant, 2024 – Present

Emergent Air Medical Transport, El Paso, Texas

- Director of Aircraft Maintenance for FAR Part 135 Air Medical and Charter Flight Operator, 2016 – 2023

Four Points Aero Services, Dallas, TX

- Director of Maintenance, Accountable Manager and Head of Quality Assurance for FAA Certified Repair Station Part 145, 2021 – 2021

Contact Information

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Areas of Specialization

- Accident Investigation & Reconstruction
- Aviation
- Maintenance Standard or Care
- Models, Mockups, and Presentations
- Safety and Maintenance Procedure Evaluations
- Wreckage Site Inspections and Analysis
- Piston Aircraft Engines
- Turbine Aircraft Engines
- Aircraft Towing and Ground Operations

Elite Points Aero Services, Dallas, Texas

- Director of Aircraft Maintenance for FAR Part 145 FAA Repair Station and FAR Part 135 Charter Flight Operator, 2018 – 2021

Baker Aviation Inc, Addison, Texas

- Director of Quality Assurance, Service Manager/Chief Inspector in Part 145 Repair Station, 2017 – 2018

Barn & Budd P.C. Flight Dept, Dallas, Texas

- Director of Aircraft Maintenance, 2000 – 2017

All American Aviation Inc, Addison, Texas

- Owner, President/Director of Maintenance, Inspector, 1992-2003

Mobil Oil Co, Dallas, TX

- Aircraft Technician, Inspector, and Avionic/Electrician Technician, 1985-1992

Reginal Transportation District

- Denver, CO Maintenance and Inspection, 1985

Mobil Oil Co, Englewood, CO

- Aircraft Maintenance, Lead Mechanic, Spark Chaser, 1981-1985

Denver Beechcraft Inc, Denver, CO

- Aircraft Technician, 1980-1985

Pioneer Airways, Denver, CO

- Aircraft Technician, 1978-1980

Rocky Mountain Airways, Denver, CO

- Aircraft Technician, 1978-1979

Top Notch Aerial Applicators, Greenley, CO

- Aircraft Technician, 1978

Continuing Education

Accident Investigation

- **Turbine Engine Accident Investigation Course** – U.S. Department of Transportation, 2024
- **Aircraft Propeller Accident Investigation Course** – Hartzell Propeller, 2024
- **Basic Aircraft Accident Investigation Course** – U.S. Department of Transportation, 2009

A&P/AI

- **IA Refresher Training Course** – Air Salvage of Dallas, 2026
- **Professional Trouble Shooting Training** – Simuflight International, 1997
- **Composites of Aviation, Initial** – Alexander Aeroplane Supply Co., 1995
- **Aircraft Fabric Covering Course** – Alexander Aeroplane Supply Co., 1995
- **Fundamentals of Avionics** – Flight Safety International, 1990
- **Airborne Weather Radar** – Business and Commercial Aviation, 1989

Superior

- **Automotive Repair** – Engine Build School, 2014

Hawker Jet

- **Hawker Maintenance Initial (HS125-800 and HS125-700)** – CAE Simuflight Training, 2006 and 1998
- **Hawker Maintenance Recurrent (HS125-700)** – Simuflight Training International, 2001

Cessna

- **Systems and Engines Seminar** -Twin Cessna Flyer Association, 2025
- **Cessna 300/400 Series Systems Maintenance** – Twin Cessna Flyer Association, 1999
- **Cessna 210 Systems and Procedures** – Cessna Pilots Association, 1997
- **Cessna Multi-Engine Systems, 300-400 Pressurization Systems** – Colorado Aero Tech, 1977
- **Cessna Citation I & II Initial Maintenance Training** – Flight Safety International, 1986
- **Cessna Single Engine Electrical Systems** – Colorado Aero Tech 1977

Dassault

- **Maintenance Initial Training** – Dassault Falcon 2000Ex/Easy, Flight Safety International, May 2015 and April 2015
- **Dassault Falcon 10/100 Initial Maintenance Training** – Flight Safety International, 1988

Beechcraft

- **Beechcraft King Air F90 Maintenance** – Flight Safety International, 1982
- **Beechcraft 99 Maintenance** – Pioneer Airways, 1979

Prat & Whitney

- **PT6A Maintenance Recurrent Training** – Prat & Whitney Canada, 1999
- **PWC JT15 Engine Maintenance** – Avair Business Engine Aviation Services, 1991
- **PWC PT6A Engine Maintenance** – Avair Business Engine Aviation Services, 1984

Garrett

- **Garrett TPE-731 Fan Engine Line Maintenance** – Garrett General Aviation Services, 1991
- **Garrett TPPE-331 Line Maintenance** – Garrett General Aviation Services, 1983

Collins

- **Collins EFIS Operation and Flight, Line Maintenance** – Collins Avionics Group, 1988

Professional Affiliations/Honors

Experimental Aircraft Association

- Member since 1980 – 2003

International Society of Air Safety Investigators (ISASI)

- Member since 2004

American Bonanza Society

- Member since 1995

Aircraft Owners and Pilots Association Cessna Pilots Association

- Member since 1995

Professional Aviation Maintenance Association (PAMA)

- Member since 1994

Project Experience

- Served as an expert concerning a King Air 200 accident. The aircraft had an alleged engine malfunction on the Pratt & Whitney PT6 engine. Mr. Goodley investigated the cause of the accident. Mr. Goodley testified in deposition and trial concerning maintenance standard of care and repair station practices.
- Investigated singer Aaliyah (Diane van Haughton) Cessna 402 with turbo-charged Continental engines accident in the Bahamas. Mr. Goodley oversaw the assembly of exemplar engines with stuck valves. Then performed testing in an engine test cell under similar conditions as the accident.
- Was an expert for Piper twin-engine Navaho with Lycoming engines that had an inflight fire. During his investigation, Mr. Goodley discovered that the aircraft had un-approved ferry flight fuel systems installed.

Mr. Goodley found fire signatures on the fuel fittings and tanks proving that they were the source of the fire. Made a mock-up of the wing fuel system to demonstrate how the system failed.

- Evaluated Gulfstream G450 heated windshield in flight failure. Inspected and evaluated the mode of failure. Determined that there was an electronic bus bar issue.
- Investigated a CFM56 engine failure on a Boeing 737 aircraft. Used the maintenance work orders, test cell data and photographs to evaluate repair station maintenance practices. Determine engine was not airworthy due to faulty workmanship.
- Was a consultant for a Dornier DO-228 accident in DRC Congo. Mr. Goodley investigated the installation of the Honeywell TPE-331 turboprop engine. Mr. Goodley investigated the accident and evaluated the engine overhaul and installation.
- Investigated an Augusta/Leonardo AW-139 helicopter hard landing due to an electrical fire. Investigated the cause. Determined that wires were improperly routed due to insufficient manufacturing instructions. However, concluded the wire damage was due to poor field maintenance.