

Joe Jordan is a Senior Staff Consultant with Engineering Systems Inc., specializing in the aviation practice as an accident investigator. With over 20 years of experience in aircraft maintenance and piloting operations, Mr. Jordan can provide assistance in many aspects of aviation, including: regulatory guidance, maintenance records (log books) evaluation, engine and flight performance analysis, airworthiness, aircraft and component inspections, ground and flight testing, acquisition and valuation assessment, insurance claim disputes including subrogation, as well as airport ground operations involving towing and taxiing aircraft.

Mr. Jordan holds an Airframe & Powerplant (A&P) certificate with an Inspectors Authorization (IA). He has performed maintenance for FAA Part 91 general aviation, Part 121 commercial aviation, and Part 135 charter operations. He has held the position/title of "Maintenance Manager" for a Part 145 repair station and service center to many leading aircraft manufacturers such as Cirrus, Cessna, Piper, Mooney, and more.

Mr. Jordan holds a Commercial Pilot License (CPL) for Single and Multi-Engine Land aircraft. For 10 years, Mr. Jordan flew as a maintenance test pilot for a Part 145 repair station. He has flown over 30 different aircraft models and has been the Pilot-in-Command for 250+ successful maintenance test flights.

Prior to joining ESi., Mr. Jordan worked with Cirrus Aircraft as a Field Service Representative, assisting owner/operators, pilots, and service centers around the world. Mr. Jordan provided technical and warranty support for Cirrus aircraft including all major components such as Continental and Lycoming engines.

Mr. Jordan has experience maintaining and piloting many aircraft such as Beechcraft, Cessna, Cirrus, Cub Crafters, Diamond, Eclipse, Gipps Aero, Lockheed Martin, Maule, Mooney, Piper, Pilatus, and Socata. This aircraft experience includes piston and turbine engines such as Continental Aerospace Technologies, Lycoming Engines, Pratt & Whitney Canada (PT6), Pratt & Whitney (V2500), and Williams International (FJ33).

Mr. Jordan now provides expert testimony under Federal Rule 702.

Contact Information

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ESi Atlanta

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Areas of Specialization

- Aircraft Maintenance
- Maintenance Management
- Airworthiness
- Wreckage and Laboratory Inspection/Evaluation
- Regulatory Compliance of Maintenance
- Review/Evaluation of Maintenance Records
- Engine and Flight Data Analysis
- Flight Testing
- Airframe and Engine Systems Testing
- In-Flight Engine Operation & Management
- Accident & Incident Investigation
- Accident Reconstruction
- Flight Path Performance Evaluation
- Insurance Claim Disputes & Subrogation

Education

A&P. Aviation Institute of Maintenance (AIM)

IA. Bakers School of Aeronautics

CPL. Certified Flight Instructor (CFII) Landon "Doc" Harkins

MMC. Sea School

Licenses, Certifications & Ratings

- Powerplant Mechanic, Issued 6/2003
- Airframe Mechanic, Issued 1/2004
- Inspection Authorization, Issued 2008
- Private Pilot, Issued 6/2011
- Instrument Rating, Obtained 3/2012
- High Performance Rating, Obtained 4/2012
- Complex Aircraft Rating, Obtained 4/2012
- Airplane Multi-Land, Issued 6/2012
- Commercial Single-Land, Issued 1/2013
- Commercial Multi-Land, Issued 7/2013
- Mr. Jordan is also an accomplished Maritimer who holds a U.S. Coast Guard Merchant Mariner Credential for Operations of Uninspected Passenger Vessels (OUPV) since 2017. This designates Mr. Jordan as a Captain for Near Coastal Waters, up to 100 miles offshore, in a vessel up to 100 gross tons. With this, he maintains a current Transportation Workers Identification Card (TWIC).

Positions Held

Engineering Systems, Inc. (ESi), Atlanta, Georgia

- Senior Staff Consultant, 2024 – Present

Cirrus Aircraft, Remote

- Field Support Representative, 2022 – 2024

Epps Aviation, Atlanta, Georgia

- A&P Mechanic, Maintenance Manager, and Test Pilot, 2006 – 2022

Mokulele Airlines, Kailua-Kona, Hawaii

- A&P Mechanic, 2006

Lockheed Martin, Marietta, Georgia

- Airframe Senior Assembly Technician, 2005

Aviation Network Services (Delta Air Lines), Atlanta, Georgia

- A&P Mechanic, 2005

Pratt & Whitney, Columbus, Georgia

- A&P Mechanic and Test Cell Operator, 2004 – 2005

Continuing Education

- **Aircraft Accident Investigation & Management** – Embry-Riddle Aeronautical University
- **Aircraft Accident Investigation Training Course** – US DOT Transportation Safety Institute (TSI)
- **iRMT independent Rotax Maintenance Training** – Rotax 9 Series Service Specialty
- **Aviation Technician Factory Training Course** – Continental Aerospace Technologies
- **Aircraft Propeller Accident Investigation Course** – Hartzell Propeller
- **SF50 Maintenance** – Cirrus Aircraft
- **FJ33-5A Full Line Maintenance Training** – Williams International
- **Leadership Elements for Flight Department Professionals** – FlightSafety
- **Aviation Management** – Flight Safety
- **Professional Development Program** – NBAA
- **Aviation Interpersonal Maintenance Management** – Global Jet
- **Pratt & Whitney PT-6 Maintenance** – FlightSafety
- **Pratt & Whitney V2500 Overhaul** – Pratt & Whitney
- **Cirrus Aircraft Maintenance Excellence** – Cirrus Aircraft
- **Composite Repair** – Cirrus Aircraft
- **Eclipse 500 Jet Maintenance** – Eclipse / Global Jet
- **Piper Aircraft Maintenance** – Piper / Simcom

Professional Affiliations/Honors

International Society of Air Safety Investigators (ISASI)

- Member, 2024 – Present