KEVIN ALVAREZ

Aviation Expert Witness

Founder — AeroVerdict Consulting
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PROFESSIONAL OVERVIEW

Kevin Alvarez is an aviation expert witness and founder of AeroVerdict Consulting. He is retained by plaintiff and defense counsel, aviation insurance carriers, and claims investigators to provide operational analysis and litigation support in aircraft accident cases.

Mr. Alvarez is a corporate Chief Pilot with 16 years of professional aviation experience and more than 5,000 hours of flight time in advanced business jets. He holds FAA type ratings in four Cessna Citation variants and the Embraer Praetor, aircraft that collectively represent a substantial portion of the U.S. corporate and private aviation fleet. His operational background encompasses corporate flight department leadership, Part 91 international business aviation operations, and real-world aeronautical decision-making in complex and demanding environments.

Through AeroVerdict Consulting, Mr. Alvarez assists legal and insurance professionals in understanding how aviation operations function, how applicable FAA regulations and industry standards apply to flight crew conduct, and whether pilot decision-making met the standard of care under the circumstances of a given accident or incident.

AREAS OF EXPERTISE

- Aircraft accident operational analysis
- Pilot decision-making and aeronautical judgment
- Standard of care evaluation for flight crew conduct
- Human factors affecting pilot performance
- FAA regulatory compliance — Part 91 operations
- Corporate flight department procedures and safety systems
- Weather-related operational decisions
- NTSB accident report review and interpretation
- Expert reports, deposition support, and trial testimony

FAA TYPE RATINGS

Rated in the following aircraft — type-specific experience directly informs analysis of accident sequences, crew workload, automation behavior, and human factors in cases involving these platforms:

CE-525S Cessna Citation CJ / CJ1/2/3/4 — Entry-level business jet; common in private owner and charter accident cases

CE-560XL Cessna Citation XL / XLS — Mid-size corporate jet; high-volume fleet with broad litigation exposure

CE-680 Cessna Citation Latitude — Super-mid category; increasing prevalence in corporate accident cases

EMB-550 Embraer Praetor 500 / 600 — Advanced super-mid; sophisticated avionics relevant to human factors analysis

FLIGHT EXPERIENCE

Total Flight Time: 5,000+ hours in advanced business jets

KEVIN ALVAREZ

Aviation Expert Witness | AeroVerdict Consulting

International Operations: North America • Europe • Canada • Mexico • Caribbean (including transatlantic crossings)

FAA CERTIFICATIONS

Airline Transport Pilot Certificate — Airplane Multi-Engine Land
Commercial Pilot Certificate — Airplane Single-Engine Land

PROFESSIONAL EXPERIENCE

Founder · Aviation Expert Witness | AeroVerdict Consulting

2026 — Present | Tampa, Florida

AeroVerdict Consulting is an aviation expert witness practice serving plaintiff and defense counsel, insurance carriers, and claims investigators in civil aviation litigation. The practice focuses on Part 91 corporate and private aviation — the segment where most high-value civil aviation litigation occurs.

- Expert reports translating complex aviation operations into clear, court-ready findings
- NTSB accident report review and operational analysis
- Standard of care evaluation for flight crew conduct
- FAA regulatory compliance analysis
- Deposition support and trial testimony
- Aviation insurance claim evaluation

Chief Pilot · Corporate Aviation | Hiller Carbon, LLC

August 2009 — Present | Tampa, Florida | 16+ years

Responsible for all aspects of a corporate Part 91 flight department, including flight operations leadership, standard operating procedures, regulatory compliance, crew coordination, and operational risk management. This role is the direct operational foundation of Mr. Alvarez's expert witness work — when evaluating whether a flight crew's decisions met the applicable standard of care, he draws on direct experience making those same decisions, in the same aircraft, under the same operational pressures.

- Established and maintained SOPs for a corporate flight department operating advanced business jets
- Evaluated operational risk across weather, aircraft performance, crew readiness, and airspace on every mission
- Conducted international operations including transatlantic crossings in complex airspace environments
- Oversaw pilot training standards and crew performance across all flight operations
- Coordinated with maintenance providers and international trip support teams to maintain regulatory compliance

Flight Instructor · Contract Pilot | Leading Edge Aviation

May 2008 — August 2009 | Tampa, Florida

Provided flight and ground instruction in technically advanced aircraft (TAA) at a Cirrus-certified training and service center. Conducted post-maintenance validation flights and aircraft demonstration flights for prospective owners and transition pilots. Developed direct experience evaluating pilot proficiency, aircraft systems behavior following maintenance events, and glass-cockpit performance characteristics.

Naval Aviation Training · Commissioned Officer | United States Navy

May 2002 — October 2005 | Corpus Christi, Texas

Completed advanced military flight training as a commissioned naval officer in high-performance aircraft including the T-34 single-engine turboprop, T-44 multi-engine turboprop, and T-45 jet trainer. Training emphasized precision aircraft handling, systems knowledge, and structured aeronautical decision-making in demanding operational environments. The risk management discipline and decision-making frameworks

developed in this environment directly inform the approach to evaluating flight crew judgment in accident analysis.

PROFESSIONAL AFFILIATIONS

- National Business Aviation Association (NBAA)
- Aircraft Owners and Pilots Association (AOPA)
- Experimental Aircraft Association (EAA)

LITIGATION EXPERIENCE

Mr. Alvarez provides operational analysis and expert witness services in matters involving the following case types:

- Pilot decision-making and aeronautical judgment
- FAA regulatory compliance and standard of care in Part 91 operations
- Human factors affecting flight crew performance
- Weather-related operational decisions and go/no-go judgment
- Corporate flight department procedures and safety systems
- NTSB accident report analysis and interpretation
- Aircraft systems and performance — Cessna Citation and Embraer Praetor families

Retained by: Plaintiff and defense counsel, aviation insurance carriers, claims investigators, and corporate aviation organizations.

Jurisdictions: Florida and nationally. Available for immediate retention.

Testimony History: Available upon request.

COMPENSATION

Expert witness fee schedule available upon request.

CONTACT

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