

JEFF GUZZETTI

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EDUCATION & TRAINING

Bachelor of Science; Aeronautical Engineering

Embry-Riddle Aeronautical University; April 1987

FAA Certified Airman

FAA Commercial Pilot Certificate with Multiengine and Instrument Ratings
Seaplane and Glider Pilot Ratings; FAA Class III Medical Certificate

Safety Certifications

Certified Advanced Aviation Safety Investigator
U.S. Transportation Safety Institute, Oklahoma City, Oklahoma. January 2019

Site Surveyor Education Program Course Graduate
Commission of the Accreditation of Air Transport Systems (CAMTS). March 2019

U.S. Navy Aviation Safety Officer (ASO) Course Graduate
Naval Postgraduate School; Monterrey, California. August 1988

PROFESSIONAL EXPERIENCE

President – March 2019 to Present

Guzzetti Aviation Risk Discovery, LLC (GuARD); Burke, Virginia

Aviation safety consultant, instructor, investigator, auditor, expert witness, and writer. Current activities include instructing at the University of Southern California (USC) Aviation Safety & Security Program, conducting safety surveys of air ambulance operations for the Commission of the Accreditation of Air Transport Systems (CAMTS), providing emergency response training for business jet operators, and writing articles related to safety lessons learned from airline accidents. Previously served as the lead expert witness for the Department of Justice in a criminal trial involving helicopter accidents, and conducted independent safety assessments for several transportation entities.

Director, Accident Investigation Division – May 2014 to February 2019

Federal Aviation Administration; Washington, DC

Led the division responsible for ensuring implementation of FAA's policies for investigations of all civil aircraft accidents and incidents in the U.S and abroad. The division provides the FAA's direct link to the National Transportation Safety Board (NTSB) during major or significant aviation accident investigations. Led FAA investigations (in parallel with NTSB) to identify risk in any of the FAA's areas of responsibility such as the performance of FAA facilities or functions, competency of airmen involved, airworthiness, adequacy of regulations, and the potential violation of regulations. Supervised an elite group of senior inspectors who represented the FAA Administrator during investigations. Served as the FAA spokesperson at three NTSB Public Hearings involving fatal commercial aviation accidents.

Assistant Inspector General for Aviation Audits– August 2010 to May 2014

U.S. Department of Transportation (DOT); Office of Inspector General; Washington, DC

Provided executive-level oversight of 90 auditors and staff at DOT Headquarters and three regional offices who conducted formal programmatic reviews of FAA programs, including those involving oversight of pilot training, repair stations, air ambulance operations, and air traffic control. Testified before Congress regarding FAA safety programs on three occasions. Represented the agency in all interactions with the FAA Administrator, his senior staff, and Congressional staff responsible for oversight and appropriations of FAA operations. Issued 42 formal aviation audits reports.

Deputy Director - Regional Operations – September 2002 to August 2010

U.S. National Transportation Safety Board; Office of Aviation Safety; Washington, DC

Managed all ten NTSB regional offices (62 investigators and staff) responsible for the investigation, analysis, and probable cause determination of about 1,600 aviation accidents and incidents each year. Drafted safety recommendations to improve operations in all facets of aviation. Served as a full deputy and key advisor to the Director of the Office of Aviation Safety. Led the agency's efforts to investigate and analyze helicopter air ambulance accidents. Served as the NTSB representative on the Helicopter Association International (HAI) Safety Committee, and was selected to advise the *Columbia Accident Investigation Board* in 2001.

Senior Air Safety Investigator (Major IIC) – April 2000 to September 2002

U.S. National Transportation Safety Board; Office of Aviation Safety; Washington, DC

Assigned to the NTSB Major Investigations Division as an investigator-in-charge (IIC) and U.S. accredited representative (acc rep) for numerous domestic and international air carrier accidents and incidents. Led teams of investigators from the FAA, airlines, unions, manufacturers, and others to examine wreckage, determine courses of action, identify safety issues, and propose recommendations.

Aerospace Engineer (Airworthiness) – April 1998 to April 2000

U.S. National Transportation Safety Board; Office of Aviation Safety; Washington, DC

Assigned as the team leader (“group chairman”) for aircraft systems, powerplants, structures, maintenance records, and/or airworthiness groups on the NTSB's “go team” during many investigations of domestic and foreign air carrier accidents and incidents. Drafted timely and comprehensive factual reports to document the engineering aspects of accidents/incidents. Examples include leading the airworthiness investigation into the fatal Alaska Airlines flight 261 accident that occurred off the coast of California in January 2000, and the Piper PA-32 airplane accident involving John F. Kennedy, Jr.

Air Safety Investigator (Field) – September 1992 to April 1998

U.S. National Transportation Safety Board; Office of Aviation Safety

Northeast Field Office (Wash. DC) & Northwest Regional Office (Seattle, WA)

Assigned as the investigation-in-charge (IIC) of over 300 investigations of general aviation aircraft accidents not investigated by centralized go-teams. Directed all on-scene activities including coordination with FAA, local, state, and Federal authorities. Served as the NTSB representative on the FAA's Critical Design Review team for the Boeing 737 flight control system following the fatal USAir flight 427 accident near Pittsburgh, Pennsylvania in 1994.

Air Safety Investigator – February 1991 to August 1992

Cessna Aircraft Company; Air Safety Department; Wichita, Kansas

Directly participated in 45 accident/incident investigations involving piston and turbine-powered Cessna airplanes. Provided technical assistance to FAA aviation safety inspectors and NTSB regional investigators. Liaisoned with Cessna's engineering department on matters related to safety. Represented the company during field investigations, wreckage exams, engine inspections, and other inquiries.

Aerospace Engineer (Aircraft Systems Safety) – June 1987 to January 1991

U.S. Naval Air Systems Command; Crystal City, Virginia

Assigned to the U.S. Navy's Aviation System Safety Program Office as a systems safety engineer. Investigated and analyzed Navy and Marine Corps airplane and helicopter accidents/incidents to provide meaningful technical inputs and engineering resolutions of identified safety hazards. Developed safety engineering requirements for aircraft procurement in accordance with *MIL-STD-882C*. Managed efforts of system safety engineering program managers located at seven naval aviation rework facilities.

SELECTED PUBLICATIONS, TESTIMONY, AND MEDIA

TECHNICAL PUBLICATIONS AUTHORED

“*Evaluation of the Transport Airplane Risk Assessment Methodology.*” National Academies of Sciences, Engineering, and Medicine. 2022. Contributor.

<https://nap.nationalacademies.org/catalog/26519/evaluation-of-the-transport-airplane-risk-assessment-methodology>

“*The Agony and the Ecstasy of Utilizing Safety Data for Modern Accident Prevention and Investigation.*” Presented at the International Society of Air Safety Investigators 2013 Seminar in Vancouver, Canada.

[https://www.isasi.org/Documents/library/technical-papers/2013/ISASI%20Paper-Agony-Ecstasy\(Guzzetti\).pdf](https://www.isasi.org/Documents/library/technical-papers/2013/ISASI%20Paper-Agony-Ecstasy(Guzzetti).pdf)

“*Why it Makes a Difference to Report and Investigate UAS Incidents ... Even When They Don't Really Happen.*” 2017 International Society of Air Safety Investigators Seminar in San Diego, California.

<https://www.isasi.org/Documents/library/technical-papers/2017/Wed9.%20Why%20it%20Makes%20a%20Difference%20to%20Report%20and%20Investigate%20UAS%20Incidents.docx>

“*Alliance or Rebellion: Linking Efforts of State Safety Oversight Agencies.*” Presented at the 2016 International Society of Air Safety Investigators Seminar in Reykjavik, Iceland.

<https://www.isasi.org/Documents/library/technical-papers/2016/Thurs/Guzzetti-Alliance&Rebellion.pdf>

“*Unmanned Aircraft Systems: Identifying and Mitigating Hazards.*” Presented at the Flight Safety Foundation's International Air Safety Seminar. October 30, 2008. Honolulu, Hawaii.

https://flightsafety.org/wp-content/uploads/2016/12/asw_sept08_p38-39.pdf

CONGRESSIONAL TESTIMONY & GOVERNMENT HEARINGS:

FAA's Progress and Challenges in Advancing Safety Oversight Initiatives; Testimony before the Senate Committee on Commerce, Science, and Transportation. April 16, 2013.

Statement: <https://www.oig.dot.gov/library-item/29178>

Video: <https://www.commerce.senate.gov/2013/4/aviation-safety-faa-s-progress-on-key-safety-initiatives>

FAA Can Improve the Effectiveness and Efficiency of Its Certification Processes; Testimony before the House Transportation and Infrastructure Subcommittee on Aviation. October 30, 2013.

<https://www.oig.dot.gov/library-item/28982>

The State of Aviation Safety and FAA's Oversight of the National Airspace System; Testimony before the House Transportation and Infrastructure Subcommittee on Aviation. April 25, 2012.

<https://www.oig.dot.gov/library-item/29126>

NTSB Board Meeting: Improve the Safety of Emergency Medical Services Flights - NTSB Most Wanted List 2010. <https://www.youtube.com/watch?v=kUt3PNihb8s&index=48&list=PL2A74172CCD260A3E>

RECENT TRADE MAGAZINE ARTICLES AUTHORED

“*Shift Change Tragedy.*” Aviation Maintenance Magazine. May 9, 2023.

<https://www.avm-mag.com/shift-change-tragedy/>

“*The Day the Nine-o-Nine Died.*” Aviation Maintenance Magazine. August 30, 2023.

<https://www.avm-mag.com/the-day-the-nine-o-nine-died/>

“*The ABCs of UAM Infrastructure.*” Aerospace TechReview. February 27, 2021

<https://www.aerospacetechreview.com/the-abcs-of-uam-infrastructure-if-you-dont-build-it-they-wont-come-by-jeff-guzzetti/>

“*Preparing for the Worst-Case Scenario: The Importance of an Emergency Response Plan.*” Transportation Security International. July 11, 2021

<https://www.tsi-mag.com/preparing-for-the-worst-case-scenario-the-importance-of-an-emergency-response-plan/>

RECENT APPEARANCES & QUOTES IN THE NEWS MEDIA:

The Rachel Maddow Show – Ukrainian Jet Crashes in Iran – January 9, 2020

<https://www.youtube.com/watch?v=ytMbe1WYoEY>

TRT World: The Newsmakers – March 28, 2019 – 737 Max - With former NTSB Chairman Jim Hall

<https://www.trtworld.com/video/the-newsmakers/is-the-boeing-737-max-8-safe-we-ask-aviation-experts-if-the-planes-shouldve-been-grounded-sooner/5c9cc5105788bd644f8be857>

The Today Show – Jan. 9, 2020 - New Questions in Deadly Plane Crash (starting at 1:30 into video)

<https://twitter.com/i/status/1215250075095531521>

Here and Now. National Public Radio - March 15, 2019. *French Investigators Begin Analysis of Black Boxes from Ethiopian Airlines Plane.*

<https://www.wbur.org/hereandnow/2019/03/15/black-boxes-ethiopian-airlines-boeing>

Politico. *Boeing's 737 MAX is coming back. But questions about lax oversight never left.* November 18,

2020. <https://www.politico.com/news/2020/11/18/boeing-737-max-coming-back-437486>

The Washington Post - *Flight emergency over Denver highlights pattern of failed engines and flying projectiles.* Feb. 22, 2021.

https://www.washingtonpost.com/local/trafficandcommuting/boeing-united-denver/2021/02/22/47115b44-750f-11eb-9537-496158cc5fd9_story.html

Aviation Information News – Investigator: Hansen Helicopters Fleet “Not Airworthy.” August 24, 2022.

<https://www.ainonline.com/aviation-news/general-aviation/2022-08-24/investigator-hansen-helicopters-fleet-not-airworthy>

SELECTED RECENT CONSULTING PROJECTS COMPLETED

References Available upon Request

University of Southern California – Developed curriculum for an additional day of course work for the Aircraft Incident/Accident Preparation, including a classroom exercise to simulate an aircraft accident notification. 2022.

Department of Justice – Served as the lead expert witness for the Government in *United States v. Hansen Helicopters*. Contributed to the trial team via research and knowledge regarding helicopter accidents/incidents and reporting requirements. Defendant found guilty on all counts. 2020-2022.

Hall and Associates LLC - Team leader of court-appointed monitor over Columbia Gas of Massachusetts as per plea agreement in *United States v. Bay State Gas Company d/b/a Columbia Gas of Massachusetts* to oversee CMA's compliance with five NTSB recommendations from its investigation of a fatal gas pipeline accident on September 13, 2018, in the Merrimack Valley. 2020

National Academies of Sciences, Engineering, and Medicine – Contributor and team writer for “Evaluation of the Transport Airplane Risk Assessment Methodology.” 2022.

The City of Scottsdale, Arizona - Reducing Aircraft Noise and Improving Safety over Scottsdale. 2021.

NBC News: Edward R. Murrow Award for Network Television Coverage of the Boeing 737 MAX 8 Investigation. 2019-2020.

PROFESSIONAL MEMBERSHIPS

Experimental Aircraft Association

Helicopter Association International

International Society of Air Safety Investigators

International Association of Independent Corporate Monitors