

Aviation Accomplishments

Adrian Eichhorn has flown thousands of hours as an instructor, given talks at hundreds of large and small aviation events, and recently piloted his own single-engine Beechcraft Bonanza around the world and over the North Pole – all to promote better, safer flying. He has worked as a professional pilot for the Washington Redskins, General Dynamics, NASA, the Federal Aviation Administration, Leidos and as a Captain at JetBlue Airways. He currently flies a G650 for the Washington Commanders Football team. He has done pioneering research to identify internal cylinder problems that could cause potentially catastrophic engine failure – and has shared this information without charge to pilots, mechanics, and aircraft owners around the world. Adrian is a second-generation pilot who learned from his dad, a decorated U.S. Army aviator who fought in the Korean War.

Flight Ratings

Airline Transport Pilot: A320, G-IV, G-1159, G-200, CL-604, CE-560XL, DHC-8, AV-L39 and G650 and GV (SIC)

Aviation Educator

Adrian, a highly sought after speaker has presented over 350 educational seminars at aviation conferences, trade shows, and fly-ins throughout the United States and internationally. Event hosts include:

Aircraft Owners and Pilots Association (AOPA)
Experimental Aircraft Association (EAA)
Federal Aviation Administration (FAA)
Ninety-Nines
Society of Aviation and Flight Educators (SAFE)
Women in Aviation International (WAI)
Jeppesen
L3 Avionics Systems
Gallaudet University
Minnesota State Aviation Convention
Westchester Aviation Association
Angle Flight

National Transportation Safety Board (NTSB)
National Business Aviation Association (NBAA)
National Transportation Safety Board (NTSB)
Quiet Birdmen (QB)
Twin Cessna Pilots Association
Malaysian Experimental Aircraft Association
JetBlue Airways
Cardoza High School
West Michigan Aviation Academy
Montana State Aviation Conference
American Bonanza Society (ABS)
Civil Air Patrol (CAP)

Aviation Author

Adrian developed a series of articles on aircraft maintenance and safety-of-flight issues for the American Bonanza Society's monthly magazine. The 50+ articles presented a “What’s Wrong with This Picture?” photo followed by an explanation of the deficiency and its corrective action. These articles, designed for both pilots and maintenance technicians are extremely popular among the ABS membership of over 10,000 Beechcraft pilots. He contributed educational articles on night flying and aircraft maintenance and ownership, to various aviation publications, including Aviation Safety, FAA Aviation News, AOPA Flight Training, and Flying magazines.

Mentoring New Pilots

Adrian served as a mentor to aviation enthusiasts from Boy Scouts to hearing-impaired children. In 2005, he organized an event providing detailed aviation career education and outreach information for hearing-impaired students attending Gallaudet University in Washington, D.C. A full-length article was published in FAA Aviation News highlighting this event and promoting aviation as a career among hearing-impaired individuals.

He also served as a counselor for the Boy Scouts of America aviation merit badge program. He has conducted numerous ground and flight-oriented events for the Boy Scouts during the past 15 years.

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Federal Aviation Administration Safety Team Representative (FAASTeam), Washington Flight Standard Districts Office

Adrian served as a volunteer Aviation Safety Counselor and FAASTeam Representative since 1997. In this capacity, he supports the FAA Safety and WINGS program and has presented more than 60 safety-of-flight educational seminars at 15 different airports serving Virginia, West Virginia, and Maryland.

Aircraft Engine Failure Research and Education

Adrian pioneered the use of medical borescopes for examining the condition of piston aircraft engine cylinders. He developed a technologically advanced borescope lab (dubbed "Ultra Scope") inside a hangar in Manassas, Virginia, and used it to inspect more than 190 engines.

He shared that information without charge to thousands of aviation mechanics new to borescopes and educated them on interpreting the detailed images provided by this unique process. Working with the AOPA Air Safety Institute, he created a colorful wall poster that was sent to maintenance facilities around the country, enabling field technicians to accurately diagnose exhaust valve problems before they could cause catastrophic engine failures.

Night Flying Research and Development

As a promoter of aviation safety, Adrian developed the common-sense acronym NIGHT (NOTAMS, Illusions, Glideslope, How to control lighting, Terrain) to address five critical areas that all pilots must consider before flying during the hours of darkness. He subsequently created and produced a quick reference kneeboard card that has been distributed to thousands of pilots nationwide.

Articles educating pilots about the NIGHT acronym and how to use it have reduced the risks associated with night flying and have been published in several magazines, including AOPA Pilot, Aviation Safety, and FAA Safety Brief magazines. The combined circulation for these publications is greater than 600,000 subscribers.

Flight Instructor

Adrian founded Alpine Aviation, Inc., an independent flight school dedicated to collaborating with pilots seeking advanced flight training in general aviation aircraft. Since 1987, he has given more than 2,200 hours of flight instruction in Beechcraft single-engine and multi-engine airplanes, plus over 900 hours of multi-engine flight instruction in Piper Seminoles.

He is an FAA Gold Seal flight instructor and achieved Master Certified Flight Instructor and Master Ground Instructor designations with the National Association of Flight Instructors in 2005 and 2007 and the Master Instructors LLC in 2010.

Bonanza/Baron Pilot Training (BPT) Instructor

Adrian is a contract flight and maintenance instructor for the BPT training program since it started in 2013. He performed similar work for the Beechcraft Pilot Proficiency Program (BPPP), beginning in 1996. These training programs offer intensive weekend training clinics to owners of Beechcraft Baron and Bonanza aircraft, where they receive up to 15 hours of classroom instruction and 5 hours of one-on-one flight and maintenance instruction in their own aircraft. During the past 21 years, Adrian has given educational presentations to more than 4,000 pilots at over 20 locations nationwide.

Federal Aviation Administration

Adrian was selected as an FAA employee and pilot to provide flight and ground instruction in the Gulfstream III/IV and Cessna Citation Excel business jets. This included FAA flight crews and senior officials, including the Deputy Administrator, Associate Administrator for Aviation Safety, and the Federal Air Surgeon.

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Awards

He was honored as the **FAA National Aviation Safety Counselor of the Year in 2001**. In addition, the Washington Flight Standards District Office honored him in 2004 with its Superior Contribution to Safety Award and again in 2011 with its Flight Instructor of the Year Award. In 2016, Adrian was honored by the FAA as the **FAA National Aviation Maintenance Technician of the Year**.

Solo Flight Around the World and Over the North Pole - Inspiration and Education for Aviation

Adrian personally developed the Fly Blue Horizons website (www.flybluehorizons.com) to connect the global aviation community with his solo flights around the world in the Spring of 2016 and over the North Pole in May 2021. The website included live flight tracking, a pilot's log, and photos from the trip to engage a broader audience with the excitement and challenges of long-distance flying. Following his flight, he created a dynamic and inspirational presentation focusing on young adults considering aviation careers. His message is to "dream big and follow your passion." Over one million people have taken part in this adventure through social media, seminars, and publications.



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