

Holy Micro! LLC's Full Product Lineup, Redefining Aviation Safety with Innovative Technology

SYRACUSE, NY, UNITED STATES, April 3, 2025 /EINPresswire.com/ -- [Holy Micro! LLC](#), an emerging leader in aviation technology, has officially unveiled its complete suite of [cutting-edge products](#) aimed at transforming safety and precision for pilots worldwide. Based in Syracuse, New York, the company is making waves with its flagship offerings—the SkyVoice Alert 500, SkyVoice Glassy Guide 400, and the newly launched [Absolute AoA System](#)—designed to meet the needs of both certified and experimental aircraft operators.

SkyVoice Alert 500: Precision Altitude Call-Outs for Takeoff and Landing

The SkyVoice Alert 500 continues to set the standard as the only takeoff and landing height announcer featuring a LiDAR range of 590 feet. Certified by the FAA as Non-Required Safety Enhancement Equipment (NORSEE), this device delivers real-time altitude announcements at 500ft to 1 ft, helping pilots perfect their approaches and touchdowns. It also includes repeated landing gear warnings from 560 feet until the gear is down and locked, reducing the risk of costly gear-up landings.



Holy Micro Products



Holy Micro LLC

With customizable run-time reminders like “Check Gear,” “Checklist” “Flaps,” “Check Fuel,” and more, the SkyVoice Alert 500 integrates seamlessly with aircraft audio panels or headsets via wired or Bluetooth connections.

SkyVoice Glassy Guide 400: Enhanced Awareness for Land and Sea Aircraft

Holy Micro! LLC’s SkyVoice Glassy Guide 400 brings RADAR-based precision to pilots operating over water or challenging landscapes. Glassy Guide 400 is an FAA Approved device. Available in two versions—the standard RADAR Altimeter and the Quick Install/Portable RADAR Altimeter—this system provides accurate height call-outs and customizable alerts, ensuring optimal situational awareness. The portable variant caters to pilots seeking flexibility, offering a non-permanent solution ideal for experimental aircraft or multi-plane operations.

Absolute AoA System: Next-Generation Flight Safety

The star of Holy Micro! LLC’s latest innovation is Absolute Angle of Attack (AoA) System, a response to FAA calls for improved AoA awareness. Unlike traditional systems limited to stall warnings, this patent-pending technology uses multiple sensors and LiDAR to deliver precise AoA data across all flight phases—climbing, cruising, and landing. By calculating a normalized pressure ratio, it remains accurate regardless of density altitude, weight, or loading conditions.

The system auto-detects flap positions and landing configurations, providing pilots with critical V-speeds like Best Glide/Best Range (L/Dmax) and VEC. Extensively tested and fully independent, the Absolute AoA System promises to redefine how pilots manage flight dynamics, offering unmatched safety and control.

“Holy Micro! LLC was founded to bridge the gap between advanced technology and practical aviation needs,” said Francis Kunnumpurath, the company’s founder. “Our products empower pilots with tools that enhance safety and confidence, whether they’re landing on glassy water.”

Pilots and aviation enthusiasts can explore the full lineup at www.holymicro.com or connect with



the company at events like the SUN 'n FUN Aerospace Expo(April 1-6, 2025 - Booth 27-28) and EAA Airventure Oshkosh (July 21 – 27, 2025 – Booth 3149 -3150)

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