

FAA Grants NORSEE Production Approval for Holy Micro! Absolute AoA Heated Probe System

Holy Micro! LLC is proud to announce that the **Federal Aviation Administration (FAA)** has granted **Non-Required Safety Enhancing Equipment (NORSEE) Production Approval** for the **Absolute AoA Heated Probe System (Part Number: AOA-HP-01)**.

Issued by the FAA's Central Certification Branch on **June 23, 2026**, the approval authorizes Holy Micro! LLC to manufacture the Absolute AoA Heated Probe System under **14 CFR 21.8(d)** in accordance with **FAA Policy PS-AIR-21.8-1602**. The system is approved as a **Supplementary Angle of Attack and Stall Warning System**.

Enhancing Pilot Awareness

The **Absolute AoA Heated Probe System** is designed to provide pilots with supplementary **Angle of Attack (AoA)** and **stall warning information**, helping improve situational awareness during critical phases of flight.

By providing real-time Angle of Attack information, the system helps pilots better understand the aircraft's aerodynamic condition and maintain an appropriate margin above stall. The system incorporates a heated probe assembly designed to support reliable probe operation. Production of the system is authorized under the FAA NORSEE program.

What FAA NORSEE Production Approval Means

The FAA's **NORSEE (Non-Required Safety Enhancing Equipment)** program encourages the development and production of safety-enhancing technologies that provide additional information to pilots without replacing required aircraft equipment.

This Production Approval recognizes that Holy Micro! LLC manufactures the Absolute AoA Heated Probe System under an FAA-accepted quality system that meets the requirements of **FAA Policy PS-AIR-21.8-1602** and authorizes production of the approved equipment.

Installation Considerations

The FAA's NORSEE Production Approval authorizes the **production** of the Absolute AoA Heated Probe System. Installation must be performed in accordance with applicable FAA regulations and approved installation data, where required.

For eligible aircraft, the system may be installed as a **minor alteration** when the requirements of **14 CFR Part 1.1** and **14 CFR Part 43 Appendix A** are met, including ensuring that the installation does not obstruct the pilot's view of required instrumentation.

Depending on the aircraft and the specific installation, the system may instead require installation as a **major alteration**, supported by appropriate FAA-approved installation data, such as a **Field Approval, Supplemental Type Certificate (STC)**, or other approved data.

Because the heated probe assembly consumes appreciable electrical power, installers should verify that the aircraft has sufficient reserve electrical capacity and follow the electrical load testing requirements outlined in the installation manual.

Learn More

Learn more about the **Absolute AoA Heated Probe System** and Holy Micro!'s complete line of aviation safety solutions by visiting the **Absolute AoA** section of our website or contacting Holy Micro! LLC for additional product and installation information.

Holy Micro! LLC
3522 James Street, Suite 100
Syracuse, NY 13206