

MAXIMIZE PERFORMANCE

- SLOWEST APPROACH SPEED
- SHORT FIELD LANDING
- SHORT FIELD TAKEOFF
- BEST ANGLE OF CLIMB

MAXIMIZE SAFETY

- WINDSHEAR DETECTION & RECOVERY GUIDANCE
- STALL DETECTION & RECOVERY GUIDANCE
- ACCURATE FOR ANY DENSITY ALTITUDE & WEIGHT
- COMPENSATES FOR ALL NON-STANDARD CONDITIONS
- BEST GLIDE

LISTEN! YOUR WING IS TALKING!

KEY BENEFITS

Provides windshear detection and recovery guidance.

Provides accurate stall indication and recovery guidance.

Automatically compensates for density altitude and weight.

Indicates the slowest possible approach and touchdown speeds. *(Shorter ground roll!)*

Enables the pilot to maximize their aircraft's performance during normal and emergency operations.

Student pilots have better control of their aircraft and gain a better understanding of stalls and angle of attack.

Helps a pilot maintain maximum control during takeoffs, approach and departure turns, descents and landings - land or water.

Maximum performance during takeoffs and landings.

Best angle (Vx) of climb.

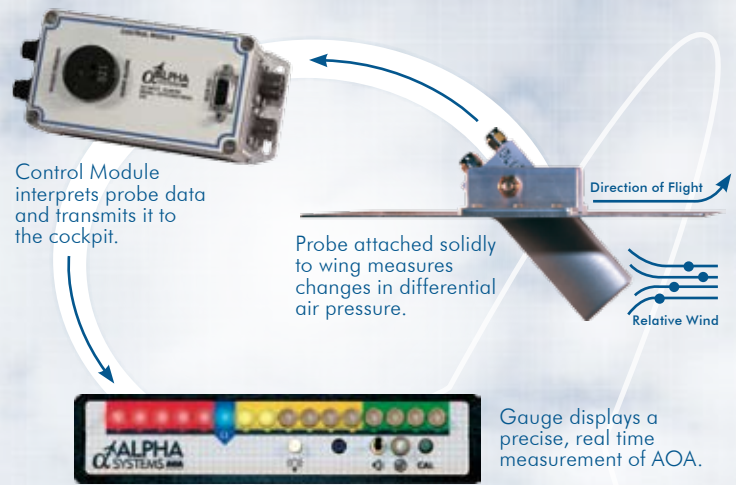
Provides instantaneous indication of aircraft performance during all phases of flight.

Quantitative indication of lift available during aerobatics.

A reliable backup to the air speed indicator.

Works exceptionally well with STOL conversions and vortex generators.

Enables pilots to maximize STOL performance.



The Alpha Systems AOA is a pressure differential instrument that integrates airspeed and angle of attack into one instantaneous, continuous and reliable readout. The Alpha Systems AOA is immediately responsive to changes in speed, angle of attack and wind conditions. The Alpha Systems AOA automatically compensates for aircraft weight, altitude and temperature.

- **FLY WITH CONFIDENCE**
- **ELIMINATE GUESSWORK**
- **PRECISION FLYING REQUIRES AOA INFORMATION**

Alpha Systems AOA	Air Speed Indicator
Instantaneous indication	Lags
Accurate	Lies
Remains accurate during slow flight	The slower you go - the larger the error.
High AOA Always Accurate	High AOA Inaccurate
Accelerated Stalls - Always Accurate	Accelerated Stalls - Anybody's Guess!



All cables, hoses and components are included in the Alpha Systems AOA Kit.



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