

Defiant

Micro Air Data Computer



Mission Profile

The Defiant is best in class for size, weight, and power. Optimized for use with a multi-function air data probe, the Defiant provides measurements of angle-of-attack and angle-of-sideslip with no moving parts.

The Defiant operates over a $\pm 20^\circ$ angle-of-attack and angle-of-sideslip range and up to 612 knots indicated airspeed.

Size, Weight, and Power

66 mm x 79 mm x 41 mm

181 grams

1.1 watts

Certified Reliability

MIL-STD 810 and DO-160 certifications:

- Storage & Short-Term Op. High Temperature
- Operational High Temperature
- Storage & Operational Low Temperature
- Cyclic Temperature & Altitude
- Vibration
- Shock

Measurements

- Angle-of-attack
- Angle-of-sideslip
- Indicated airspeed
- True airspeed
- Barometric altitude
- Total pressure
- Static pressure
- Total air temperature
- AHRS optional

Global Supplier of Flow Measurement Systems