



Air Data Transducer (ADX) TR-359/ASH-37(v)

A cost-effective solution for individual aircraft tracking. Custom configurations, full systems integration and installation services are available.



Air Data Transducer (ADX) TR-359/ASH-37, SEI Part No. 7900711, converts differential pressure from the aircraft's pitot-static system to a voltage for recording by SEI's Structural Data Recording Set (SDRS), AN/ASH-37(v). This voltage is then processed into Indicated Airspeed. Optionally, the ADX has the ability to sum fuel data from wing tanks and the main tank and sends it to SEI's Recorder Converter (RC), RO-601/ASH-37.

POWER REQUIREMENTS:

Input Voltage: ±15 VDC

Power Consumption: < 3.5 Watts

Isolation: Power & Signal returns > 50 Mohm

PERFORMANCE:

Environment: Mil-Std 810

Operating Temperature: -40°C to +55°C

Altitude: 40,000 ft

Vibration: 7 G RMS, 20Hz to 2KHz

Shock: 100 G, 11 milliseconds

EMI: Mil-Std 461 / 462

Weight: 2.5 lbs

MTBF: 8,000 hours (calculated)

