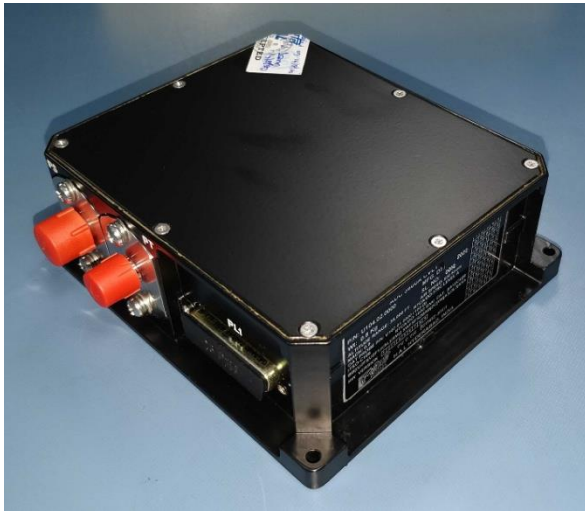


FUNCTIONS:

The Air data computer (ADC 3600A CVL1) measures Pressure Altitude, Calibrated Airspeed, True Airspeed, Mach number, Vertical Speed and Temperature in the atmosphere with high accuracy and stability based on Pneumatic inputs (Pitot and Static ports) and electrical input (OAT probe). OAT probe is an Aerodynamic structure intended to measure total air temperature. ADC 3600A CVL1 can be installed on civil Aircraft and Helicopters.



ADC 3600A CVL1



OAT Probe

TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Indicated static pressure	35 mbar to 1100mbar
Indicated differential pressure	0 mbar to 510 mbar
Total Air Temperature	-55°C to 75°C
Pressure Altitude	0 to 35000 ft
Vertical Speed	±20000 ft/min
Calibrated Airspeed	30 to 600 Knots
Mach Number	0.1 to 0.9 M
Maximum Allowable Airspeed	30 to 600 Knots
True Air Speed	50 to 650knots
Static Air Temperature	-90°C to 75°C

Salient Features:

Signal Inputs:

- Power supply: 28V DC
- Hold-Up Module : Power Interruption up to 50 msec
- SSEC inputs
- Self Test input

Signal Outputs:

- 2 Transmit channels of ARINC 429 Serial Data Bus
- Over Speed Warning
- 2 Low speed Warnings
- 1 Alarm signal

Interfaces

- ARINC-429 LOW or HIGH speed
- USB Maintenance Interface

Physical

- Dimensions (L X W X H) : 150 X 130 X 50 (mm)
- Weight: 1Kg (max)

Standards Compliance.

- DO-160G Environmental, EMI/EMC and Power Supply tests.
- DO-178C, Level-A for Software