



AIR DATA PROBE AND AIMMS-20 (ADP)



AIR DATA PROBE SECTION (ADP):

- Cloud Physics Research, FAA Certification for Flight in Icing Conditions, Cloud Seeding Decision Making, Wind Tunnel Studies, Weather Studies
- 5-port air motion sensing: True Air Speed, Altitude, Angle-of-Attack, Side-Slip
- Precision Temperature measurements to +/- 0.1°C (reverse flow)
- Relative Humidity Sensor (reverse flow)

AIMMS-20 SECTION (optional modules):

- Differential GPS Module (GPS), with full suite of aircraft position parameters. Includes 2 GPS antennas for wing-tip installation
- Initial Measurement Unit (IMU) which incorporates 3 rate gyros and accelerometers for air gust and aircraft dynamic measurements
- Central Processing Module (CPM) completes digital filtering task, data processing duties, and conversion to an RS-232 serial output

ENVIRONMENTAL:

- Altitude: 0-15 km
- Temperature: -40°C to +40°C
- Power: +28 VDC, 100mA (Electronic System)
+28 VDC, 8A (Anti-ice System)
- Weight: ADP is 3.4 kg. (AIMSS-20 modules adds 2kg)

ADP and AIMMS-20 are products of Adventech, Inc, distributed by DMT