

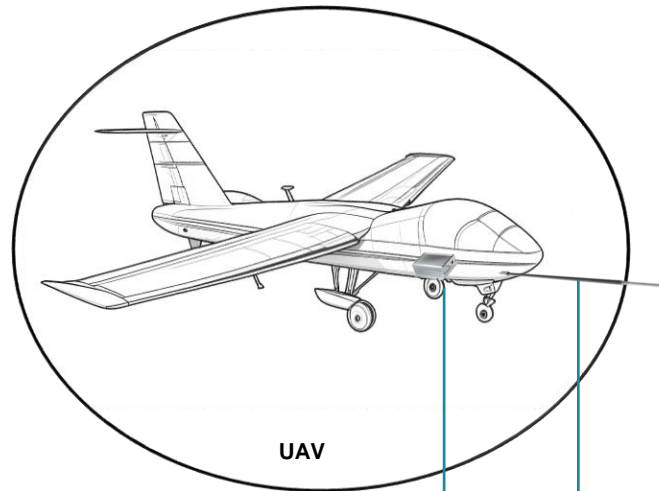
Air-Data System

Precise Airdata. Peak Performance.

The Vectoflow Air-Data System measures all the vital air data for Aeroplanes and UAVs seeking peak flight performance. Our lightweight Air Data Boom/Probe together with the VectoDAQ Air Data Computer provides highly accurate flight parameters. These error-free outputs allow for precision flight control, navigation and testing so planes and drones achieve their peak flight efficiency and safety.

Complete Package: From customizable probes to Air Data Computers with sensors, GPS, IMU, and more. Our modular systems provide turnkey air data acquisition tailored for Planes, UAVs, flight tests, research, and FAA-compliant flights.

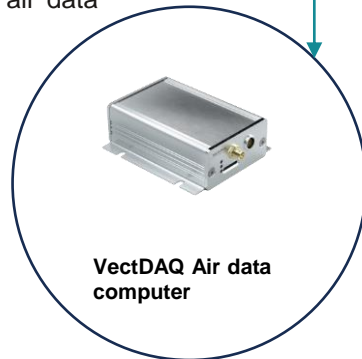
Rugged and Proven Design: The carbon fibre boom and DO-160 certified Air data computer feature an integrated ruggedized design optimized for real-world longevity and data reliability across diverse conditions. It can withstand extremes of speeds, vibration, temperatures and weather which continue to provide accurate air data where other systems fail.



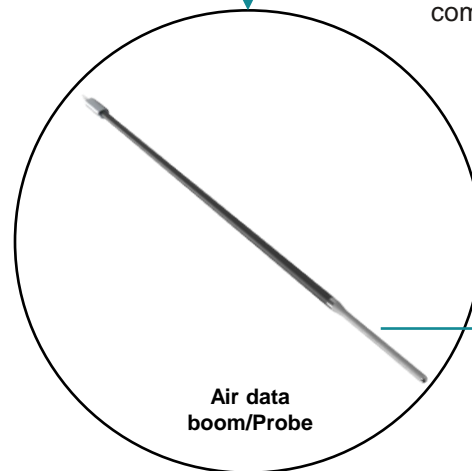
UAV

Precision Sensors: Our rigorously tested and calibrated probes, along with the VectoDAQ Air Data Computer ensure high measurement accuracy of airspeed, altitude, GPS-based location and other essential flight metrics.

Specialized Customization: Leveraging in-house additive manufacturing and aerospace-grade materials, we provide rapid design and integration of probes and sensors customized to specialized measurement, mounting, power, communication, and cost requirements.



VectDAQ Air data computer



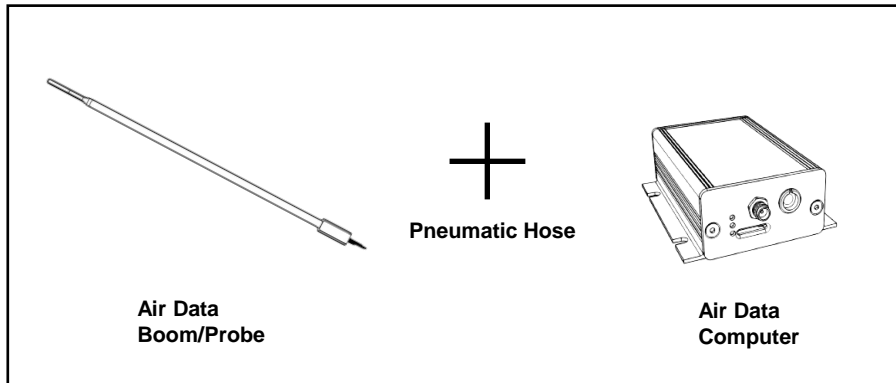
Air data boom/Probe



Air Data Boom Head

Complete system for Air data measurement from Vectoflow

vectoflow



With Vectoflow's wide selection of Probe and Air Data Computers, any aircraft and UAV can achieve their maximum potential for optimized, efficient, smooth, and safe flights.

Some of the flight parameters you get**

indicated air speed	calibrated air speed
equivalent air speed	true air speed
IMU Velocity uncertainty	altitude
longitude	latitude

Probe variants



Air Data Probe

Ultra-light low-cost Pitot-static tube

- Get basic air data for velocity & altitude
- Available with or without heater & drainage.



Air Data Boom Pro

Super-light 5-hole probe with static ports

- Full air data measurement including velocity, altitude, AOA, AOS and other imp. parameters for Piloted applications.
- Available with or without a heater and Total Air Temperature (TAT) sensor.

VectoDAQ Air data computer variants

Full measurement of all the necessary air parameters.



VectoDAQ Flight

Additional data from inbuilt GPS and IMU. It also consists of provision for powering heaters along with complete air data measurement.



VectoDAQ Flight Pro

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