

Aircraft Flight Parameters

Position and time

- GPS - WAAS and/or differential
- Inertial navigation system (some aircraft)

Attitude, pressure altitude, rate of climb, heading, true air speed,

- ground speed and track

Distance above surface (radar or laser altimeter)

Flight Level Atmospheric Parameters

Temperature

Pressure

Humidity

Wind speed and direction (horizontal, vertical)

Wind Atmospheric turbulence

Liquid water

Remote Sensing

Solar radiation

Sea surface temperature

Visible imaging, digital video, frame grabbing

Deployable Sensors

Dropwindsonde

AXBT, AXCTD, AXCP, AXKT, sonobuoys

Surface drifters and floats

Instrumentation Integration Facility

Downward looking port

Data and power bus, including time and/or position stamp
