

Designed by a team of former NASA and DoD researchers to enable high-quality data logging on GA aircraft.

- Portable, easily mountable data logger
- 50 samples per second
- Ideal for student pilots and CFIs to collect and analyze flight data, and experimental aircraft builders to log data for their Phase I flight test program
- Fun to re-live previous flights, analyze performance, and brag to friends about flying a perfect short field landing in the backcountry or catching a monster thermal
- Integrations with *CloudAhoj* and *FlightData* web apps for data analysis
- Real-time data streaming to *ForeFlight* to provide GPS data to mobile devices without a GPS and provides a backup AHRS
- GPS-aided inertial navigation system
 - Inertial states including: attitude, heading, position, ground speed, ground track, flight path angle, rate of climb, load factor, 3-axis acceleration, 3-axis rotational rates, static pressure, and pressure altitude
- Wireless connection to a portable, wing tie-down mounted air data probe under development by Bolder Flight Systems
 - Adds measurements of static and dynamic pressures, outside air temperature, indicated airspeed, true airspeed, pressure altitude, density altitude, and angle-of-attack
- Data files can be converted to MATLAB and CSV files formats
- 13+ hours of battery life, recharges in 2.5 hours via a USB-C port
- GoPro mount on the top and a tripod mount on the bottom provide flexibility for mounting to the aircraft's windshield or glareshield

