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JumpRecorder™ is a wearable, rugged, network ready, data recording and management system for parachuting applications. Its small form factor and low power design allows easy integration into existing systems without altering parachute safety characteristics.

### Features

U.S. Patent Number: 9,522,743

- Records performance data from accelerometer, gyroscope, altimeter, compass, temperature, and GPS track using our MEMS-based device
- Data transfer via USB connection
- Manage, analyze, and visualize jump data using our user-friendly **JumpView™**, a desktop and web application
- Enables parachute inventory and life cycle management



### Applications

- Parachute jump training
- Test and Evaluation (T&E) of new parachute concepts
- After Action Reports (AAR)
- Black box for incident investigations
- Alternative for parachute load cell systems

### Specifications

#### Hardware

- 4GB of internal storage with USB data transfer and recharging
- Compatible with personal and cargo parachutes
- Automated wake-up capability
- Integrated precision GPS receiver and high performance antenna

#### JumpView™ User Interface

- An intuitive interface for enterprise-wide data management
- Advanced analytics
- Time-based event tracking
- Storage, charting, and data visualization

**Accelerometer:** +/- 16g, 3 axis, Sampling rate up to 400Hz

**Altimeter:** 100-1200 mbar @ 0.012 mbar resolution

**GPS:** < 3 m CEP Position accuracy, Sampling rate 10Hz

**Gyroscope:** +/- 2000 degrees per second, 3 axis, Sampling rate up to 400Hz

**Compass:** 0.5 deg. resolution

**Power Consumption:** 50mW (in standby mode)  
140mW (recording at max rate)

**Operating Temperature:** -40 to +85 °C

**Weight:** 100g

**Physical Dimensions:** 98 x 62 x 19mm  
(3.9 x 2.4 x 0.75in)

**Data Storage:** 70 hours (recording at max rate)  
200+ hours (reduced data rates)

**Battery Runtime:** 20 hours (recording at max rate)  
64 hours (in standby mode)

\*Data subject to change without notice



For more information, contact  
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Complete Parachute Solutions, Inc.