

MILITARY & DEFENSE TECHNOLOGY SUMMARY

Technology That Makes a Difference™

October, 2010

AVIONICS SYSTEMS

FLIGHT DATA RECORDERS

DAU - DATA ACQUISITION UNIT

The Data Acquisition Unit is adaptive and will meet most avionics recording requirements. This light weight (17.2 lb) DAU combines multiple recording functions into one small foot print (6" x 10" x 7"). Key functions include: Digital Video Recorder (2Ch), Digital Voice Recorder (4Ch), Airborne Data Recorder, Mission Data Loader, integrated TAWS (3.2B), Sensor Data and Wireless Sensors with 32Hz sampling rate, 24 analog channels, and 32 discrete channels. Communication interface includes dual MIL-1553, RS422 and RS232. Internal memory is 128GB and is expandable to mission requirements. Both the Wireless Flight Data Downloader will download data at 1Gbps at 2000', and the 1Gbps Ethernet will meet the Fast Data Download Requirements of MFOQA / FDM. Information security includes FIPS 140-2.

Availability: In Production

Contact: Frank Willis - 310-320-3088, FWillis@poc.com

CONTROL PANEL (CP)

Meeting both MIL-STD and ED-112 Standards, the Control Panel (CP) contains a 8GB Crash Survivable Memory Unit (CSMU), and 32GB USB RMU (Removable Memory Unit). The CP contains a display and menu driven user interface. This CP will accept mission data and enables fast post flight extraction.

Availability: In Production

Contact: Frank Willis - 310-320-3088, FWillis@poc.com



DAU - "ALL - IN - ONE"

IRIG 106, Chapter 10 Compliant



ED-112 Compliant CSMU

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