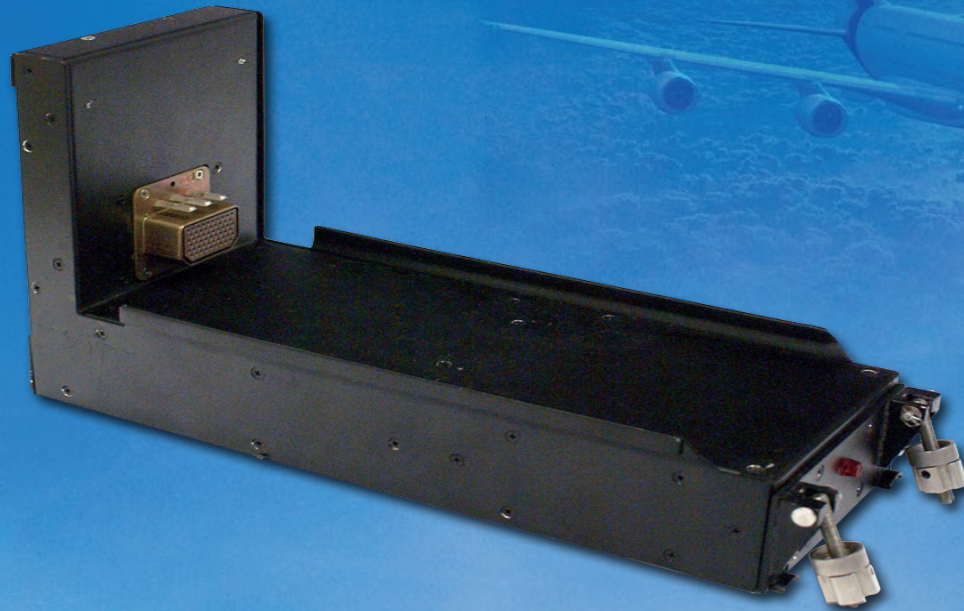


L-3 Aviation Recorders

TYPE II TRAY RIPS

The L-3 Recorder Independent Power Supply (RIPS) is designed to provide backup battery power for Cockpit Voice Recorders. When standard aircraft power is interrupted or lost, RIPS provides 10 minutes of independent backup power in accordance with FAA requirements. RIPS is available in the L-3 patented Type II Tray Configuration and Type I/Type III Flange-Mount Configuration, all of which meet the performance requirements of ARINC 777.



KEY FEATURES

- Fits in original 1/2-ATR envelope when used with FA2100 CVR
- Choice of Lithium ion (Li-ion) or Nickel Cadmium (NiCd) battery technology
- 20 W minimum output capability
- Batteries do not require recharge time to repeat a backup operation
- No aircraft wiring changes needed
- Advanced battery management for long life
- Built in test equipment (BITE)
- Push-to-test and BITE reporting via existing CVR control panel
- NiCd battery heater option for operation in unpressurized aircraft locations
- Low cost of ownership
- Compliant with TSO-C155 and ARINC 777



L-3 Aviation Recorders

TYPE II TRAY RIPS

TYPE II TRAY CONFIGURATION PHYSICAL DIMENSIONS

Height:	10.5 inches (267 mm)
Width:	5.5 inches (140 mm)
Depth:	2 inches (51 mm)
Weight:	<8 pounds

TYPE II TRAY CONFIGURATION CONNECTOR

ARINC 404B compatible with tray and recorder

INPUT POWER

115 VAC, 400Hz, single phase or 28 VDC

RECHARGING TIME

Compliant with ARINC 777

OUTPUT

28 VDC, 10.5 minutes, also available for military applications in a 20-minute configuration

ENVIRONMENTAL CONDITIONS

Built to the requirement of RTCA DO-160/EURO-CAE ED-14 "Environmental Conditions and Test Procedures for Airborne Equipment"

BUILT IN TEST EQUIPMENT (BITE)

BITE determines the state of readiness of the RIPS to perform its function and also provides valid indication within 5 seconds of power being applied

TYPE I/III FLANGE-MOUNT RIPS ALSO AVAILABLE



Meets all performance requirements of ARINC 777

L-3 Aviation Recorders Quality Management System is ISO 9001:2000 and AS9100:2004 Rev. B Certified



Complete Installation

Aviation Recorders

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Sarasota, Florida 34232 U.S.A.

Tel: 941-371-0811 Fax: 941-377-5591

Website: www.L-3ar.com/

Documents: www.L-3ar.net/



communications

Aviation Recorders

L-3. Headquartered in New York City, L-3 Communications employs over 64,000 people worldwide and is a prime contractor in aircraft modernization and maintenance, C³ISR (Command, Control, Communications, Intelligence, Surveillance and Reconnaissance) systems and government services. L-3 is also a leading provider of high technology products, subsystems and systems. The company reported 2007 sales of \$14 billion.

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