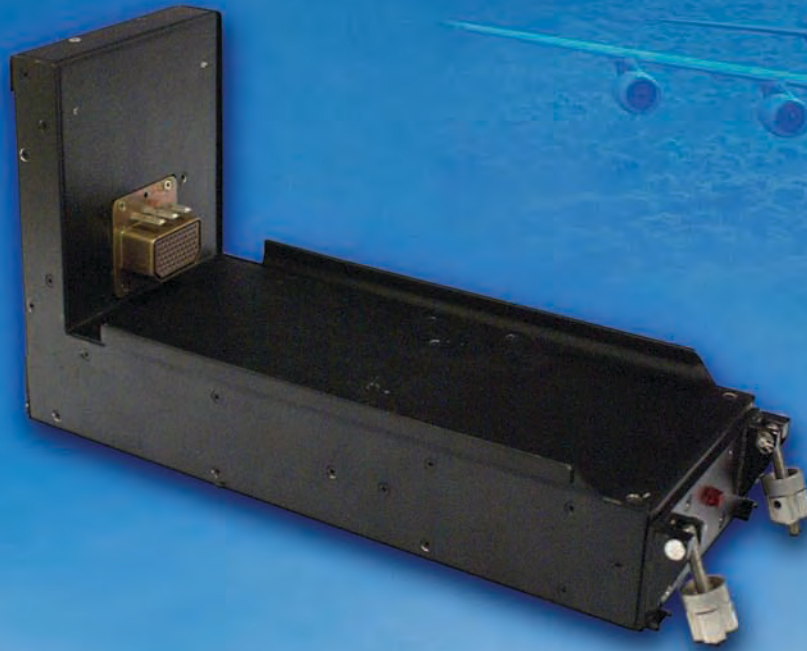


Aviation Recorders

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 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
- Nickel Cadmium (NiCd) battery technology
- 20W 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)
- NiCd battery heater for operation in unpressurized aircraft locations
- Low cost of ownership
- Compliant with TS0-C155 and ARINC 777
- Optional status reporting through CVR OMS



Aviation Recorders

TYPE II TRAY RIPS

TYPE II TRAY CONFIGURATION PHYSICAL DIMENSIONS

Height:	7.6 in (193 mm)
Width:	5.5 in (140 mm)
Depth:	2 in (51 mm)
Weight:	<6 lbs

TYPE II TRAY CONFIGURATION CONNECTOR

ARINC 404B compatible with tray and recorder

INPUT POWER

115V AC, 400 Hz, single phase or 28V DC

RECHARGING TIME

Compliant with ARINC 777

OUTPUT

28V DC, 10 +/- /minutes; also available for military applications in a 20-minute configuration

ENVIRONMENTAL CONDITIONS

Built to the requirement of RTCA DO-160/EUROCAE 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



Complete Installation

TYPE 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

Aviation Recorders

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communications

Aviation Recorders

L-3. Headquartered in New York City, L-3 Communications 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.

This technical data and software is considered as Technology Software Publicly Available (TSPA) as defined in Export Administration Regulations (EAR) Part 734.7-11.

Data contained within this document are summary in nature and subject to change any time at L-3's discretion. Call for latest revision.

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