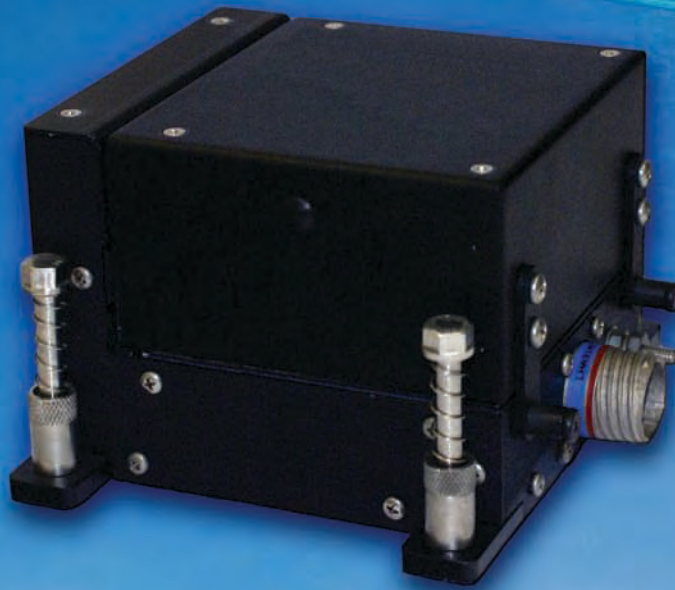


# Aviation Recorders

## TYPE III FLANGE-MOUNT 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 Type III Flange-Mount configuration as well as the L-3 patented Type II Tray configuration, all of which meet the performance requirements of ARINC 777.



### KEY FEATURES

- Choice of Lithium ion (Li-ion) or Nickel Cadmium (NiCd) battery technology
- 20W minimum output capability
- Batteries do not require recharge time to repeat a backup operation
- Advanced battery management for long life
- Built-in test equipment (BITE)
- BITE reporting for maintenance and fault available on dedicated discrete outputs
- NiCad battery heater option for unpressurized aircraft installations
- Low cost of ownership
- Compliant with TS0-C155 and ARINC 777



# Aviation Recorders

## TYPE III FLANGE-MOUNT RIPS

### TYPE I/III CONFIGURATION PHYSICAL DIMENSIONS

Height: 4.0 in (102 mm)  
Width: 5.4 in (137 mm)  
Length: 4.5 in (102 mm)  
Weight: <4 lbs

### TYPE III CONFIGURATION CONNECTOR

D38999/20JC35PN (MIL-C-38999)

### INPUT POWER

Type I: 115V AC, 400 Hz,  
single phase or 28V DC

Type III: 28V DC

### RECHARGING TIME

Compliant with ARINC 777

### OUTPUT

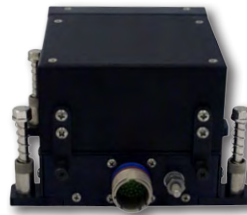
28V DC, 10 minutes +/- / minutes;  
also available for military applications in a  
20-minute configuration

### ENVIRONMENTAL CONDITIONS

Designed 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



Front View



Side Angle

### TYPE II TRAY RIPS ALSO AVAILABLE



Type II Tray RIPS  
fits in the original 1/2-ATR  
envelope when used with FA2100 CVR.  
No aircraft wiring changes needed.

L-3 Aviation Recorders Quality Management System is ISO  
9001:2000 and AS9 100:2004 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, C<sup>3</sup>ISR (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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