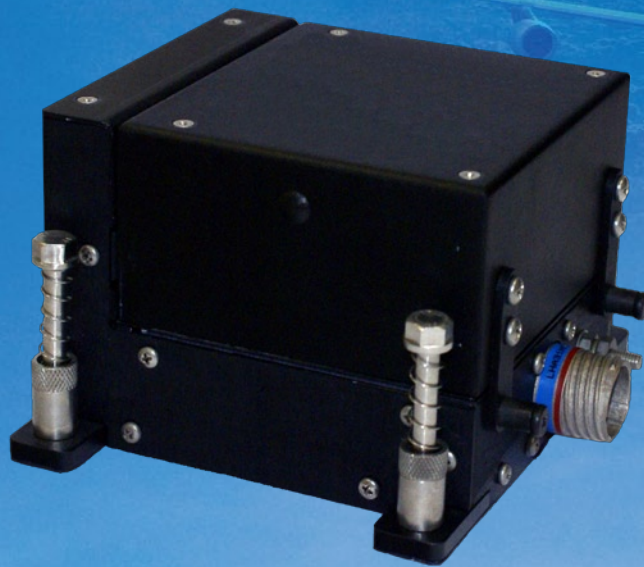


# L-3 Aviation Recorders

## TYPE I/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 I/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
- NiCd battery heater option for operation in unpressurized aircraft locations
- Low cost of ownership



# L-3 Aviation Recorders

## TYPE I/III FLANGE-MOUNT RIPS

### TYPE I/III CONFIGURATION PHYSICAL DIMENSIONS

Height:	5.0 inches (127 mm)
Width:	4.7 inches (119 mm)
Length:	5.5 inches (140 mm)
Weight:	<4 pounds

### TYPE I/III CONFIGURATION CONNECTOR

D38999/20JC35PN (MIL-C-38999)

### INPUT POWER

Type I:	115 VAC, 400Hz, single phase or 28 VDC
Type III:	28 VDC

### RECHARGING TIME

Compliant with ARINC 777

### OUTPUT

28VDC, 10.5 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

### 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 AS9100:2004 Rev. B Certified



Front View

Side Angle

### Aviation Recorders

6000 Fruitville Road

Sarasota, Florida 34232 U.S.A.

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

Website: [www.L-3ar.com/](http://www.L-3ar.com/)

Documents: [www.L-3ar.net/](http://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, 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. The company reported 2007 sales of \$14 billion.

MKT057 Rev \*B This technical data and software is considered as Technology Software Publicly Available (TSPA)  
No License Required (NLR) as defined in Export Administration Regulations (EAR) Part 734.7-11.