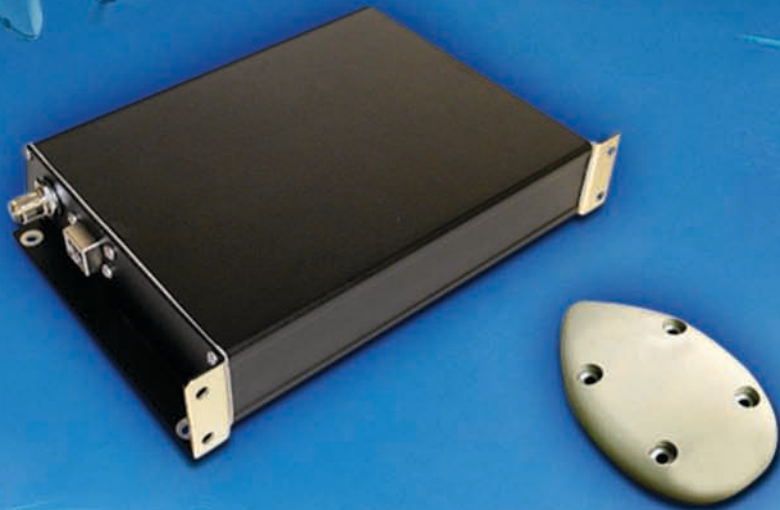


# Aviation Recorders

## SATELLITE WEATHER RECEIVER (SWR)

### THE BRIDGE BETWEEN REAL-TIME WEATHER DATA AND IN-FLIGHT PLANNING

The Satellite Weather Receiver (SWR) provides the low profile, lightweight link between the on-board weather computer (EFB) and the aircraft's satellite antenna.



#### KEY BENEFITS

- Dual EFB interface capability
- Low profile — allows convenient installation near antenna
- Lightweight
- Designed to air transport standards
- High reliability
- Built-in test capability
- Periodic status reporting

#### APPLICATIONS

- Regional and business aircraft
- Air transport aircraft

#### FEATURES

- Broadcast signal decoding
- Forward error correction
- CRC protection on transmitted data
- Internal buffering
- Status reporting



# Aviation Recorders

## SATELLITE WEATHER RECEIVER (SWR)

### PHYSICAL DIMENSIONS

Height:	5.62 in nominal
Width:	8.30 in nominal
Depth:	1.61 in nominal
Weight:	1.6 +/- 0.25 lbs
Color:	Black
Case:	Aluminum

### POWER

10W @ 28 V DC

Weather Data Signal Characteristics:

- RS-422, RS-232, Ethernet

Audio Characteristics:

- Line-level stereo (left and right channels)

### CONNECTOR

DB25 interface port (x2)

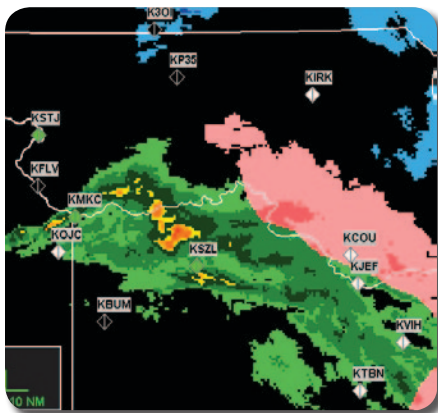
RJ45 Ethernet

TNC antenna

### SPECIFICATIONS

IEEE 802.11

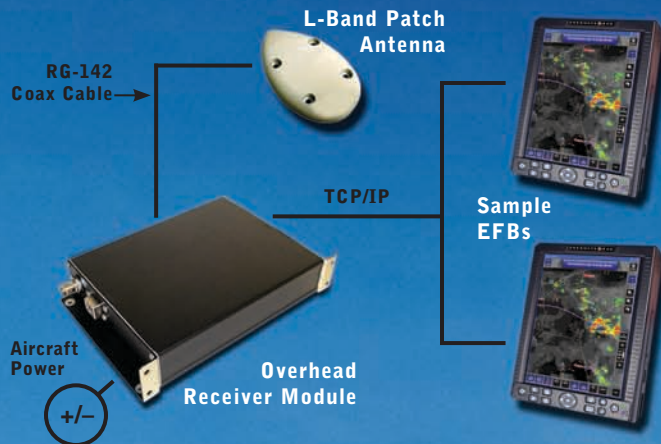
**Providing real-time satellite weather data for in-flight aircrafts**



Provides a link between the on-board weather computer (EFB) and the aircraft's weather satellite antenna.



### BUILT-IN TEST PROVISIONS



Periodic status monitoring output to the EFB over the Ethernet connection. Built in test capability starts at power up and runs continuously during receiver operation.

### LOCAL CUSTOMER SUPPORT

In addition to our factory repair facility in Sarasota, Florida, the Aviation Recorders Division of L-3 Communications maintains a worldwide network of authorized repair facilities. Each provides both product and service support with quick turnaround responsiveness, particularly in AOG situations.



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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