



# BOEING 737NG IRIDIUM COMMUNICATION SYSTEM

## Rockwell Collins IRT-2110 or IRT-2120

L2 DECREASES AVIONICS MODIFICATION DOWNTIME THROUGH OUR MECHANIC OPTIMIZED INTEGRATION PACKAGES AND KITS.

The Rockwell Collins IRT-2110/2120 Iridium Communication Systems delivers seamless communication services without the inconvenience of hand-offs or no-service areas. The IRT-2110 dual-channel and the tri-channel IRT-2120 communication systems are certified for cockpit communications using a handset, telephone dialer adapter, or MCDU. The IRT-2110/2120 includes a dedicated short burst data (SBD) transceiver exclusively for ACARS communications to provide unrestricted access for the flight crew to air/ground Datalink services.

L2's 737NG series FAA STC ST10928SC and PMA installation kit installs equipment at the following default locations:

- LRU and CIM: E3-3; Kit includes standard blanking plate
- Dual Antenna: STA 500D+10 RBL 5.0, STC allows for 60 inches separation from standard 737NG GPS antennae locations to meet RTCA DO-262; 36 to 48 inches from other antenna.
- 28VDC Circuit Breaker: P18-2, Position D14

All of L2's antenna installation designs include the use of conductive (aluminum mesh) antenna gasket as a substitute for applying a fillet seal around the base of the external mounted antennas. The advantage of using the gasket means removing and installing an antenna is easier and faster than using Polysulfide sealant which can take eight or more hours to cure.



### **Kit Specifications:**

Part Number: 2322-B43-K01, FAA PMA

Installation Kit Weight: 14.98 lbs. including LRU's

LRUs do not need or use rack cooling

### **Antenna Specifications:**

Dual Iridium/Data Antenna P/N: S67-1575-165

Weight: 16 oz., Height: 0.88 in., Length: 7.85 in., Width: 3.0 in.

### **Operational Specifications:**

Cockpit Audio interface via SATCOM capable Audio Selector Panel (ASP) or unused HF-R position re-labeled to SAT.

Overhead HF/SAT Selector Status panel option available.

Incoming call is announced by SELCAL chime and CALL light on ASPs (and interfaced to DFDAU).

Cockpit Audio control/dialing/directory and ACARS controlled via dual ARINC 739A MCDUs

ACARS interface to ARINC 758 CMU

Make and receive calls over the Iridium network provided by up to three ARINC 739A compliant MCDUs

Optional Cabin Wireless Handset configuration

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