

## STC SPECIFICATION SHEET

**Master Drawing List:** 214184-MDL

**FAA STC:** ST04229AT

**EASA STC:** 10063983

**CAAC STC:** VSTC0932

**Aircraft:** Boeing 737 -300/-400/-500/-600/-700/-800/-900/-900ER Series

**Mod. Order:** Dependent on Aircraft Configuration

**AFMS:** 214184-FMS

**Master Kit List:** 214184-MKL

**ICA:** 214184-ICA

### Description:

Installation of a Collins Aerospace IRIDIUM Communications System providing Worldwide long-range Voice and Data communication. The installation allows complete integration with existing Aircraft Communications Management Systems. The system also utilizes a Dual Patch Antenna and a CIM Card Reader. The system as installed complies with guidance AC 20-140C, Guidelines for Design and Approval of Aircraft Data Link Communication Systems Supporting Air Traffic Services (ATS) and AC 20-150B, Airworthiness Approval of SATELLITE Voice (SATVOICE) Equipment Supporting Air Traffic Service (ATS) Communication.

**Estimated Electrical Installation Time:** 64 Man Hours    **Installation Kit Lead Time:** 4-6 Weeks

**Estimated Structural Installation Time:** 16 Man Hours

### Equipment:

		ICG	Collins	Boeing	Aero Antenna	ASG, Inc	Sensor Systems
Items	Qty	Part Number	Part Number	Part Number	Part Number	Part Number	Part Number
Iridium SATCOM Transceiver *(Single Channel)	1	710616-1	822-2834-002				
Iridium SATCOM Transceiver *(Dual Channel)	1	710617-2	822-2835-002	710100-2			
Configuration Identification Module	1	327000	822-2836-001	329100			
IRIDIUM Antenna	1				AT1621-23		S67-1575-365
HF/SAT Audio Select Panel	1					214184-05	

\* NOTE: All parts marked with the asterisk will be supplied by the operator.

### FAA:PMA Installation Kit:

Items	Qty	Part Number
Iridium SATCOM Installation Kit	1	21418473K-1