

**STC SPECIFICATION SHEET**

**FAA STC:** ST04229AT  
**EASA STC:** 10063983  
**CAAC STC:** VSTC0932

**Master Drawing List:** 214184-MDL

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

**Mod. Order:** Dependent on Aircraft Configuration  
**Master Kit List:** 214184-MKL

**AFMS:** 214184-FMS  
**ICA:** 214184-ICA

**Description:** Installation of a Collins Aerospace Iridium communications system enabling worldwide long-range voice and data, fully integrated with existing aircraft communications systems. It uses a dual patch antenna and CIM card reader and complies with AC 20-140C and AC 20-150B guidelines for ATS data link and satellite voice communications.

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

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

**Equipment:**

Item Description	QTY	PART NUMBER					
		ICG	Collins	Boeing	Aero Antenna	ASG, Inc	Sensor Systems
*ICS-300 Iridium Satellite Data Unit	1		**701-10300-00				
*Iridium SATCOM Transceiver (Single Channel)	1	710616-2 (ICS-120A) OR 710-100-2 (ICS-220A)	**822-2834-00X (IRT-2110)				
*Iridium SATCOM Transceiver (Dual Channel)	1	710617-2 (ICS-220A)	**822-2835-00X (IRT-2120)	**710100-2 (ICA-220A)			
*Configuration Identification Module	1		822-2836-001	329100			
† IRIDIUM Antenna	1				AT1621-23		S67-1575-165 OR S67-1575-365
† HF/SAT Audio Select Panel	1					214184-05	
*SDU Configuration Module (SCM)	1		701-10600-00				
*External Card Reader	1	327000					
† Relay Switching	1					21418499-1	

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

\*\*NOTE: All parts marked with the two asterisk support ATS Safety Services

† NOTE: All parts with the cross are NOT required for IRIDIUM SATCOM-provisioned aircraft

**FAA:PMA Installation Kit:**

Item Description	Qty	Part Number
Iridium SATCOM Installation Kit	1	21418473K-1 OR 21418473K-3



*"Committed To Keep You Flying"*