

STC SPECIFICATION SHEET

FAA STC: ST03974AT

EASA STC: 10048791

CAAC STC: VSTC0655

CAAS STC: AWI/STC/0082

Master Drawing List: 210142 – MDL

Aircraft: Airbus – A319/A320/A321

Mod. Order: Dependent on Aircraft Configuration

AFMS: 210142 - FMS

Master Kit List: 210142 - MKL

ICA: 210142 - ICA

Summary:

Installation of a single or dual Collins Aerospace IRIDIUM Communications System providing Worldwide long-range Voice and Data communication. The installation is fully integrated with the Audio Management System, ACARS (ATSU) and if the Aircraft is capable the system can be used for FANS/CPDLC operation. Installation consists of a Collins Transceiver with mounting tray, CIM module with mounting tray, Dual Patch IRIDIUM Antenna and interface harness. Reference table for specific unit part numbers.

Estimated Electrical Installation Time: 48 Man Hours

Installation Kit Lead Time: 8-10 Weeks

Estimated Structural Installation Time: 16 Man Hours

Equipment:

		ICG	Collins	Sensor Systems	ASG, Inc.	VIVISUN
Items	Qty	Part Number	Part Number	Part Number	Part Number	Part Number
Iridium SATCOM Transceiver *	1	710616-2				
		710617-2				
		710100-2				
Iridium SATCOM Transceiver *	1		822-2835-002			
IRIDIUM Antenna *	1			S67-1575-165		
Card Reader *	1	327000	822-2836-001			
HF/SAT Audio Panel Dual Channel †	1				212096-3-2	
HF/SAT Audio Panel Single Channel †	1				212096-3-3	
Relay Switching Unit †	1		.		21418499-1	
Annunciator †	1				21418499-1	95-40-17-H2-E1HGF

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

† NOTE: All parts marked with the cross (†) are optional

FAA:PMA Installation Kit:

Items	Qty	Part Number
Iridium SATCOM Kit	1	210214323K-1

