

STC SPECIFICATION SHEET

FAA STC: ST04150AT

CAAC: VSTC0756

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Master Drawing List: 212096 - MDL

Aircraft: Airbus -A319/-A320/-A321

Mod. Order: Dependent on Aircraft Configuration

AFMS: 214174-FMS

Master Kit List: 212096-MKL

ICA: 212096-ICA

Summary:

The installation consist of the Thrane and Thrane Aviator 300, Swift Broadband Communications System. The system has SATCOM Voice and Data. The SwiftBroadband System being installed is a means of long-range communication. A HF/SAT Audio Select Panel will be place in an overhead panel.

Estimated Electrical Installation Time: 48-72 Man Hours**

Installation Kit Lead Time: 4-8 Weeks

Estimated Structural Installation Time: 8-24 Man Hours**

NOTE: All parts marked with (**) Depends on configuration

Equipment:

		Cobham	Skylight Avionics	Shadin	ASG, Inc.
Items	Qty	Part Number	Part Number	Part Number	Part Number
SwiftBroadband Unit (SBU) *	1	405040A-THD			
High Power Amplifier/Low Noise Amplifier/Diplexer *	1	405016A-THD			
SBU Configuration Module *	1	405040A-001			
WLAN Antenna *†	1	405040A-004			
Digital Discrete Adapter *†	1		01060001-11		
TT-5626B Handset Cradle *†	1	405626B-THW			
POTS PTA-12(0) Telephone Adapter (BLACK OR GRAY) *	1	PTA12-10X			
Serial-to-ARINC 429 Adapter *	1			833640-00	
HF/SAT Audio Select Panel ASG, Inc.	1				212096-3
HF/SAT Audio Select Panel ASG, Inc.	1				212096-3-1
HF/SAT Audio Select Panel ASG, Inc.	1				212096-3-4
SATCOM Status Panel	1				212096-3-5

† NOTE: All parts marked with the cross are optional and used in Cabin WiFi activation. Cabin WiFi Activation on the Aviator 250/300(D)/350(D) system negates FANS 1/A operational approval.

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

FAA:PMA Installation Kit:

Items	Qty	Part Number
Cobham SBU SATCOM Installation Kit	1	21209632K-1-XX

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