

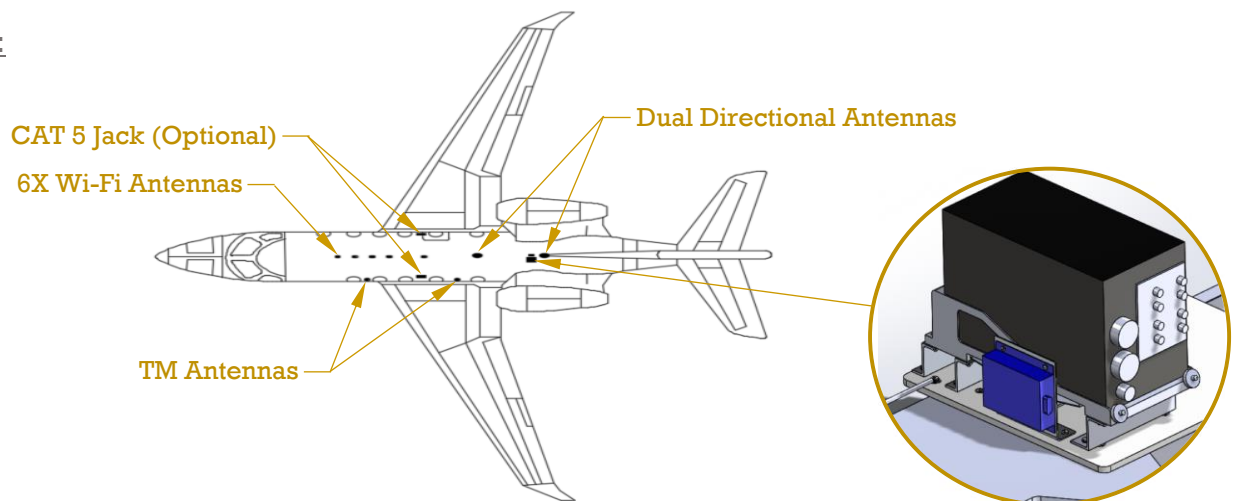
Gogo Avance L5 AHSI STC Information Sheet

STC# SA03956AT, Embraer EMB-505 aircraft, Please Contact Nextant Aerospace at 216-261-9000 or engineering@nextantaerospace.com for STC and Kit Pricing and Availability.

- STC# SA03956AT configuration DB1008002-5 allows for:
 - Activation of the Gogo Avance L5 AHSI Broadband Internet System.

Equipment Description	Part number	QTY
Panel Mount CAT 5 Jack *Optional*	ECFRJTLC5E-BLK	A/R
Dual Directional Antenna	P35500	2
Gogo Avance L5	P34110-002	1
Configuration Module (CM)	P14126	1
Terrestrial Modem (TM) Antenna	P18350-001	2
Wi-Fi Antenna	P16917-001	6

Locations:



- Gogo Avance L5 Features:
 - 4G Platform.
 - Powerhouse system that supports streaming.
 - Dynamic multi-network management.
 - 802.11ac router.
 - Integrated entertainment and information.
 - Predictive maintenance, remote support, DASH visibility and monitoring tools.
- PMA'd Antenna Adaptors, \$2250 each:
 - NT0026-0318-07
 - NT0026-0318-10

Gogo Avance L5 and Configuration Module (CM) Installation (located in the AFT baggage compartment)

- **STC Data Package:**
 - Letter of Authorization (LOA)
 - FAA STC Certificate
 - Master Data List (MDL)
 - Instructions for Continued Airworthiness (ICA)
 - Airplane Flight Manual Supplement (AFMS)
 - Weight and Balance Supplement
 - Electrical Load Analysis (ELA)
 - Wiring Diagrams
 - Structural/Installation Drawings

- **Kitting Package:**

Kit Description	Kit Data List Number
Full Avance L5/L5i Upgrade from ATG X000 Kit	NT0026-KIT0-01A
Full Avance L5/L5i Upgrade from ATG X000 Kit – PMA Parts Only	NT0026-KIT0-01B
Full Avance L5/L5i Installation Kit	NT0026-KIT0-02A
Full Avance L5/L5i Installation Kit – PMA Parts Only	NT0026-KIT0-02B
Avance L5/L5i LRU Installation Kit	NT0026-KIT0-03A
Avance L5/L5i LRU Installation Kit – PMA Parts Only	NT0026-KIT0-03B
AXXESS II System Relocation Kit	NT0026-KIT0-03C
Swift Broadband (SBU) Relocation Kit	NT0026-KIT0-03D
Dual Directional Antenna Installation Kit	NT0026-KIT0-04A
Dual Directional Antenna Installation Kit – PMA Parts Only	NT0026-KIT0-04B
Dual Directional Antenna Installation Kit – Adapters Only	NT0026-KIT0-04C
ATG Antenna (Small Antenna – Avance L3) Installation Kit	NT0026-KIT0-05A
ATG Antenna (Small Antenna – Avance L3) Installation Kit – PMA Parts Only	NT0026-KIT0-05B
ATG Antenna (Small Antenna – Avance L3) Installation Kit – Adaptors Only	NT0026-KIT0-05C
Avance Cabin Antenna Installation Kit	NT0026-KIT0-06A
Avance System Bulkhead Feedthrough Installation Kit	NT0026-KIT0-07A
Avance System Bulkhead Feedthrough Installation Kit – PMA Parts Only	NT0026-KIT0-07B
ATG System Bulkhead Feedthrough Installation Kit	NT0026-KIT0-08A
ATG System Bulkhead Feedthrough Installation Kit – PMA Parts Only	NT0026-KIT0-08B

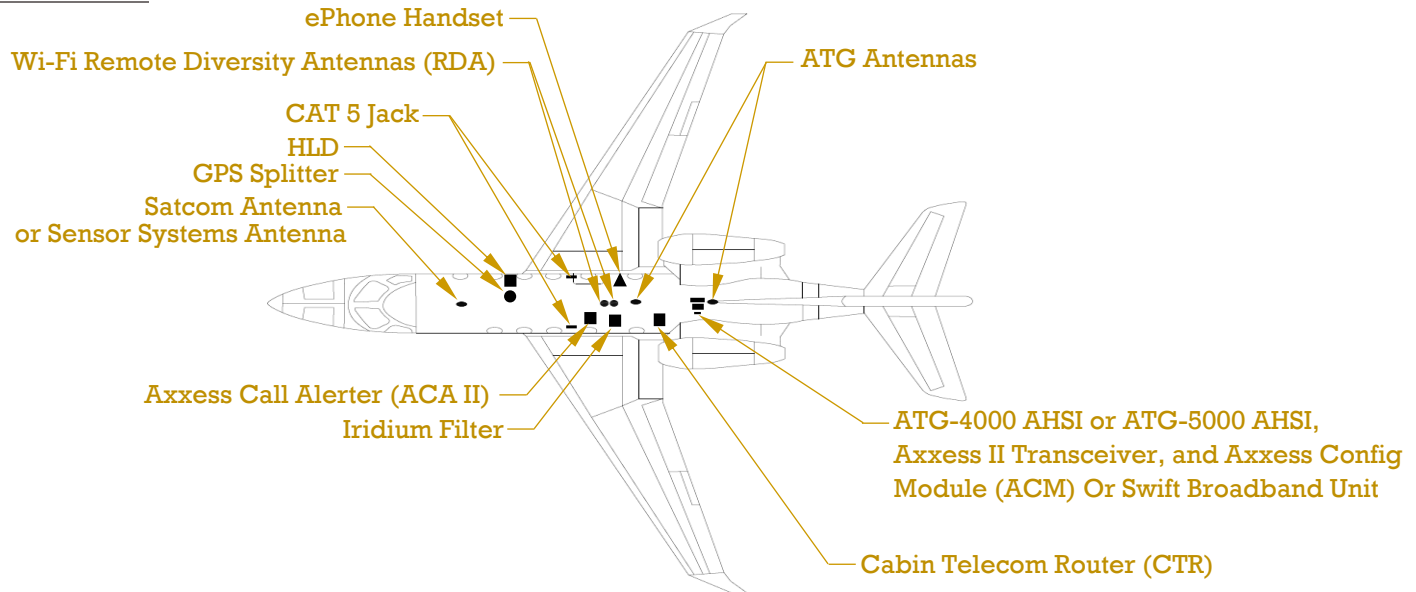
Broadband Internet System STC Information Sheet

STC# SA03956AT, Embraer EMB-505 aircraft, Please Contact Nextant Aerospace at 216-261-9000 or engineering@nextantaerospace.com for STC and Kit Pricing and Availability.

- **STC# SA03956AT allows for:**
 - Activation of Aircell Axxess Satcom, Aircell ATG 4000 AHSI Broadband Internet System, Aircell Swift Broadband Satcom System, Aircell ATG 5000 AHSI Broadband Internet System, and Swift Broadband system interfaced to ATG X000 AHSI Broadband Internet System.
 - Aircraft Configurations:
 1. Aircell Axxess Satcom and Aircell ATG 4000 AHSI Broadband Internet System.
 2. Aircell Swift Broadband Satcom System.
 3. Aircell ATG 5000 AHSI Broadband Internet System.
 4. Swift Broadband system interfaced to ATG X000 AHSI Broadband Internet System.

Equipment Description	Part number	QTY	Config #
ATG Antenna	P12949	2	1, 3
ATG-5000 AHSI	P15864-001	1	3
Cabin Telecom Router (CTR)	P12083	1	1, 2, 3
Axxess Config Module (ACM)	P14126	1	1, 3
Axxess Call Alerter (ACA II)	P12924	1	1, 3
Axxess II Transciever	P12023	1	1, 3
Wi-Fi Remote Diversity Antenna (RDA)	P12344	2	1, 2, 3
Swift Boradband Unit (SBU)	40504A	1	2, 4
Iridium Filter (IF)	405019A	1	2
High Power Amp/Low Noise Amp/Diplexer (HLD)	405016A	1	2
Handset (Cockpit Handset)	405621B-THR	1	2
ATG-4000 AHSI	P13989	1	1
Satcom Antenna	015-11203-001	1	1
ePhone Handset	962100	1	2, 4
Panel Mount CAT 5 Jack *Optional*	ECFRJTLC5E-BLK	A/R	1, 2, 3, 4
GPS Splitter	405038A-003	1	2, 4
Antenna	S65-8282-101	1	2, 4

Locations:



- **Cabin Telecommunication Router (CTR) Features:**
 - Provides high speed, in-cabin wireless connectivity for Wi-Fi.
 - Includes a full 802.11 b/g Wi-Fi Hotspot “hot-spot.”
 - When paired with a broadband connection, can be used to operate personal laptops, PDA’s (Personal Digital Assistant) and other Wi-Fi devices.
- **Swift Broadband Unit (SBU) Features:**
 - Up to 8 simultaneous voice calls.
 - IP Packet or streaming Swift Broadband Data.
 - Ethernet Connectivity.
 - Built-in router with six ethernet interfaces.
 - Built-in wireless access point.
 - Low weight and power consumption.
 - Compact 2 MCU size.
 - No forced cooling required.
 - Easy Integration.
 - FAA PMA.
- **STC Data Package:**
 - Letter of Authorization (LOA)
 - FAA STC Certificate
 - Master Data List (MDL)
 - Instructions for Continued Airworthiness (ICA)
 - Airplane Flight Manual Supplement (AFMS)
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