

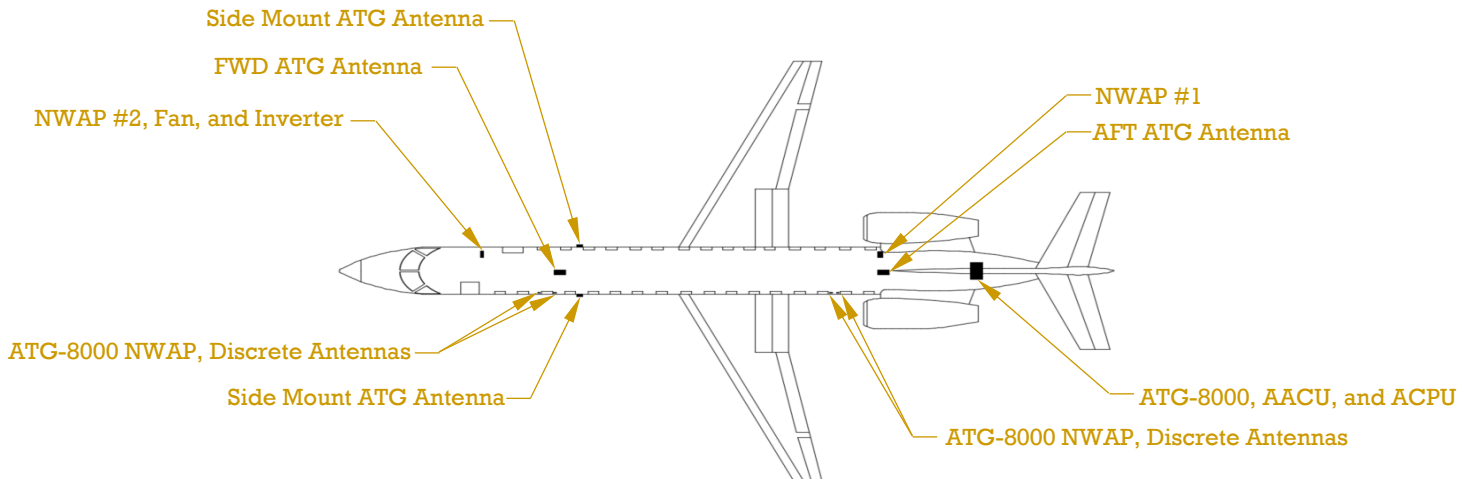
ATG-8000 and WLAN STC Information Sheet

STC# ST04108CH, Embraer EMB-145/145ER/145LR/145XR/145EP aircraft, Please Contact Nextant Aerospace at 216-261-9000 or engineering@nextantaerospace.com for STC and Kit Pricing and Availability.

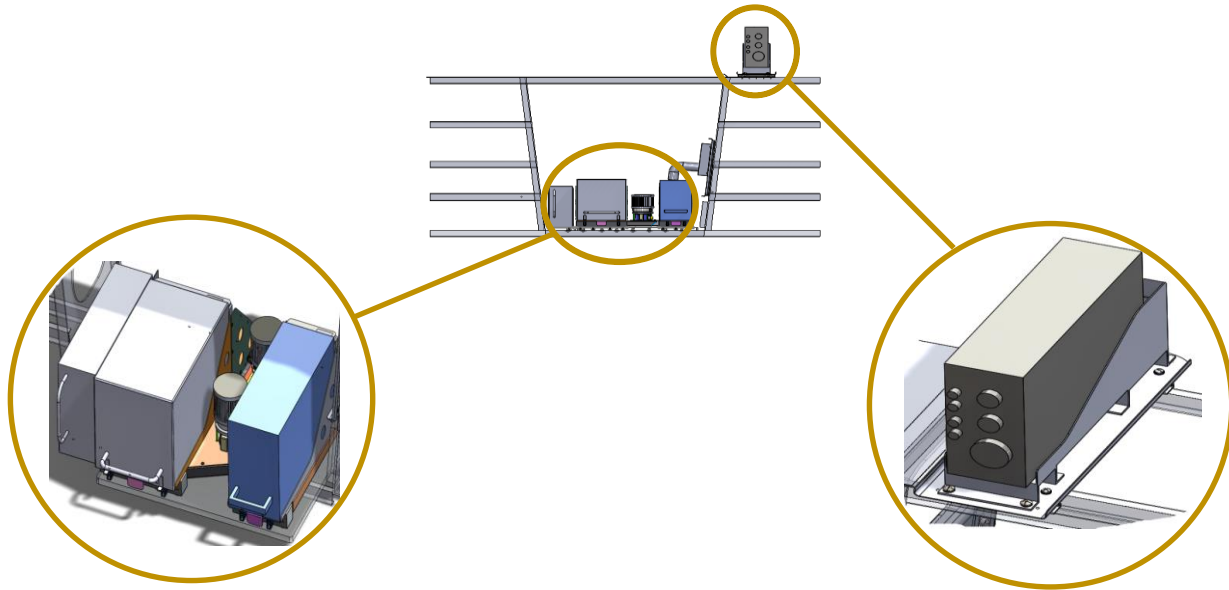
- **STC# ST04108CH allows for:**
 - Installation of Gogo ATG-8000 High Speed Internet with Wireless Local Area Network (WLAN).

Equipment Description	Part number	QTY
FWD ATG Antenna	P17770	1
AFT ATG Antenna	P17772	1
Side Mount ATG Antenna	P17204	2
NWAP LRU	P17371	2
Static Inverter	SS50	1
ACPU LRU	P12954	1
ATG-8000 LRU Kit (ATG & AACU)	P13114-20019	1
Air-To-Ground Transceiver (ATG)	P17296	1
ATG-8000 NWAP, Discrete Antenna	P12951	4

Locations:



- **ATG-8000 Features:**
 - ATG-8000 is also known as ATG-4 air-to-ground connectivity system.
 - Backwards compatible improvement to previous ATG system.
 - Maximum total download bandwidth increased from 3.1 Mbits/s to 9.8 Mbits/s
 - Has been installed on at least 6,000 aircraft.
 - Gogo can upgrade existing ATG system to ATG-8000 overnight.
 - Consists of Dual Terrestrial Modems, four directional antennas, and dual 802.11N Wi-Fi routers.



- 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