

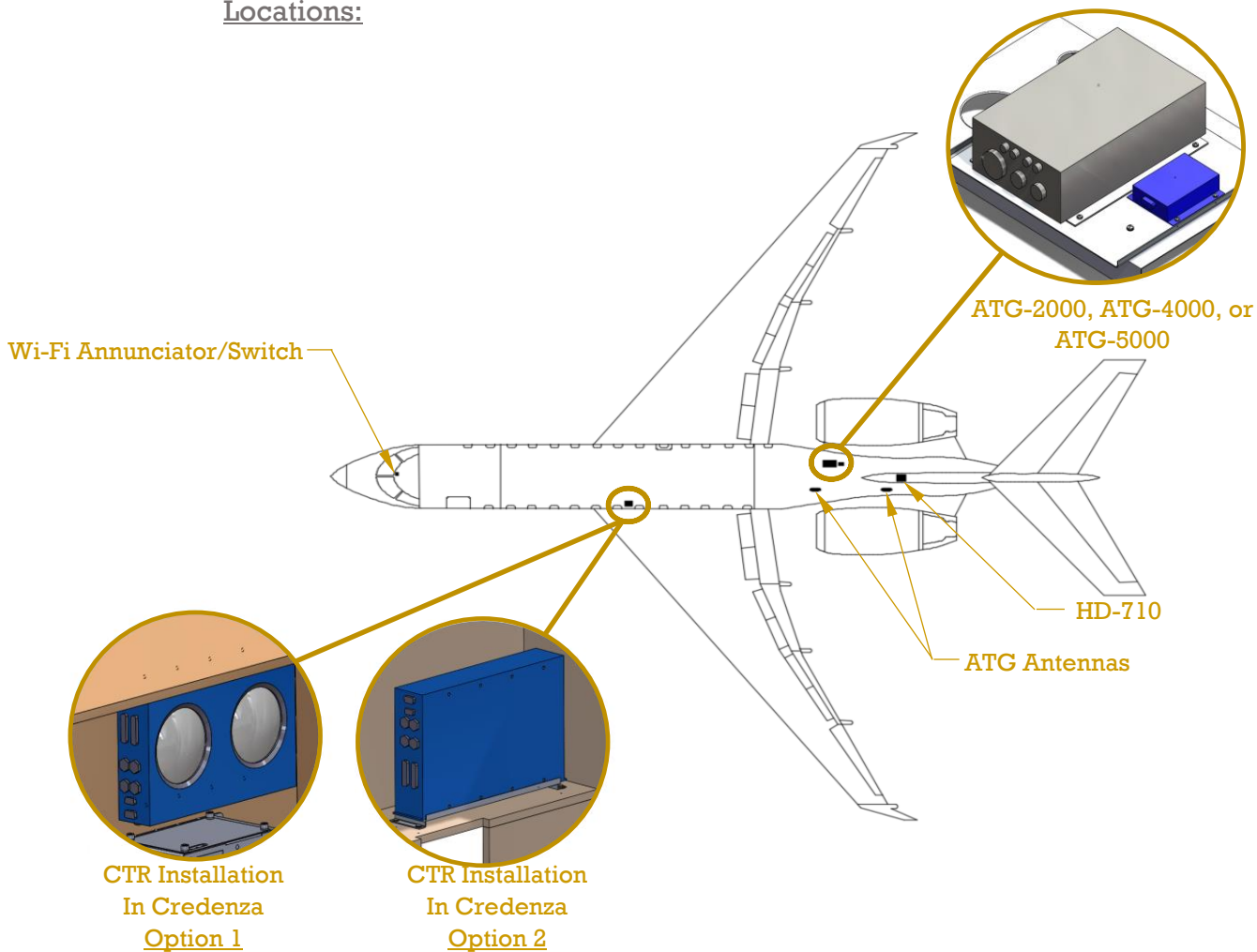
## CTR Information Sheet

STC# ST04054CH, Bombardier BD-700-1A10/-1A11 aircraft, Please Contact Nextant Aerospace at 216-261-9000 or [engineering@nextantaerospace.com](mailto:engineering@nextantaerospace.com) for STC and Kit Pricing and Availability.

- STC# ST04054CH allows for:
  - The Activation of Aircell ATG-2000/4000/5000 with Cabin Telecommunications router with optional HD-710 High Speed Data Terminal.

Equipment Description	Part number	QTY
ATG Antenna	P12949	2
ATG-2000, ATG-4000, or ATG-5000	P1586-002, P13989, or P15864-001	1
Configuration Module (CM)	P12527	1
Wi-Fi Annunciator/Switch	LED-EM-11-EA3-E1MXG	1
HD-710	1252-A-3600-02	1
Cabin Telecommunications Router (CTR)	P12083	1

### 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.
- 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

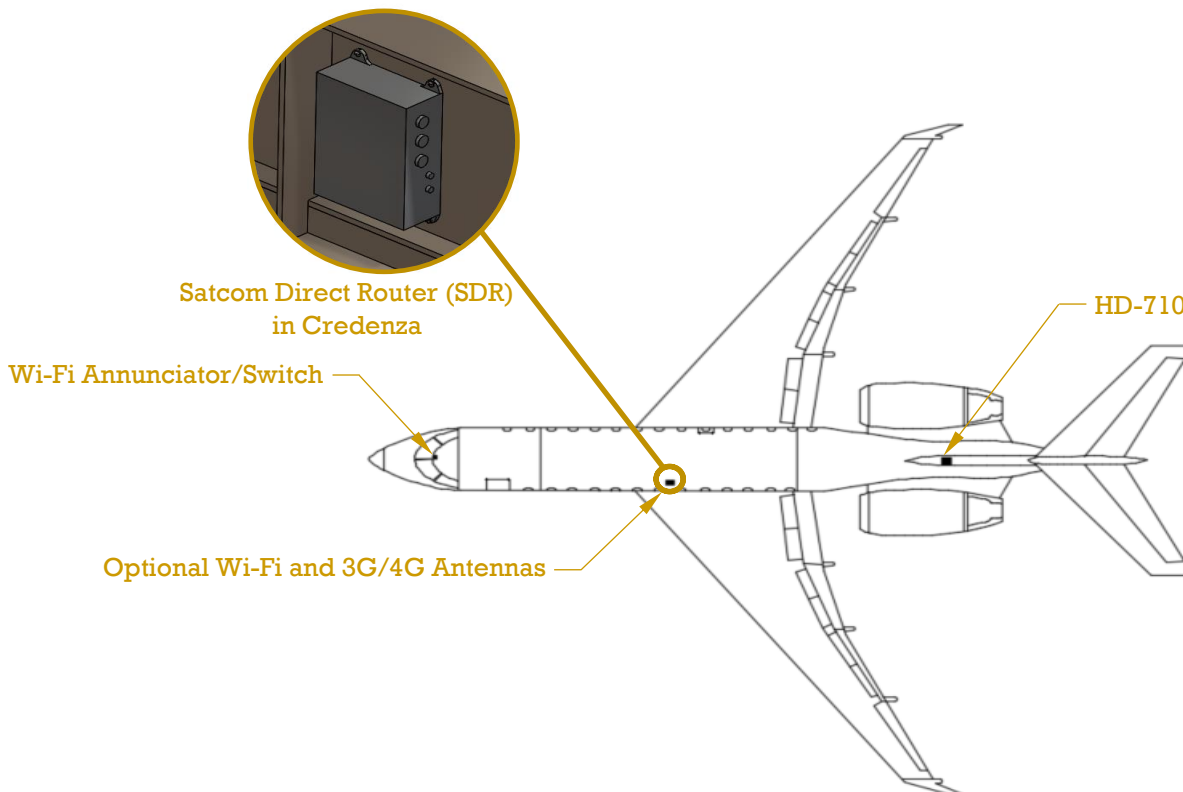
## SDR Information Sheet

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- **STC# ST04054CH allows for:**
  - The Activation of Satcom Direct Cabin Router with HD-710 High Speed Data Terminal.

Equipment Description	Part number	QTY
Satcom Direct Router (SDR)	1233-F-2191-10	1
SDR Configuration Module	1233-F-2192	1
3G/4G Antenna (Optional)*	100-1021-30	1
Wi-Fi Antenna (Optional)*	TN1008-100	1
Wi-Fi Annunciator/Switch	LED-56-14-EA3-E1EEP	1
HD-710	1252-A-3600-02	1

### Locations:



- Satcom Direct Router (SDR) Features:
  - Satellite ready solution for L-Band, Ku-Band, Ka-Band, X-Band, and ATG Communications.
  - Gigabit ethernet support.
  - 802.11n Dual Band (2.4+5.0 GHz) Wi-Fi.
  - ISDN support,
  - 3G Data support for internet access on ground and remote support.
  - ARINC 429 interfaces for location services and/or avionics monitoring.
  - Discrete I/O support.
  - AeroXR allows for acceleration, compression, optimization and caching of multiple satellite links.
  
- 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