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Cabin Wi-Fi / Internet for Challenger 300

...providing a cost-effective solution for Wi-Fi via STC with SDR Gateway Router

Facts & Features

- SDR Gateway Router
- Cabin Wi-Fi/Internet via existing SAT-2200 (SB 100-23-23) Satcom
- 802.11 a/b/g/n/ac Wi-Fi capability
- MiMo Capable
- Cellular data capable with 4 LTE on ground
- VoIP (Voice over IP) support
- Two Channel Iridium
- Telephony via cabin handset, iPhone and android device
- Internal storage up to 1TB for personal data, media, etc.

Installation Facts

- SDR Gateway Router replaces existing ICS-200 / 220 Iridium Unit
- Cockpit/Cabin handsets are reused for Iridium & Inmarsat telephony
- Wi-Fi switch in the cabin
- Iridium Bandpass Filter for less interference
- Later FANS1/A+ upgrade as per Bombardier SB 100-23-22 possible
- Easy to install

Prerequisites

- Bombardier SB 100-23-23 (High gain broadband Satcom system)

Certification

- EASA STC
- FAA STC approval pending

Modification includes

- STC approval
- Full documentation as installation instructions, instructions for Continued Airworthiness, Aircraft Flight Manual Supplement, etc.

Pricing and further information

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SDR Gateway Router

Iridium Bandpass Filter

MiMo Antenna