



# 2012 Challenger 850

Off-Market, Exclusively through Aviatrade



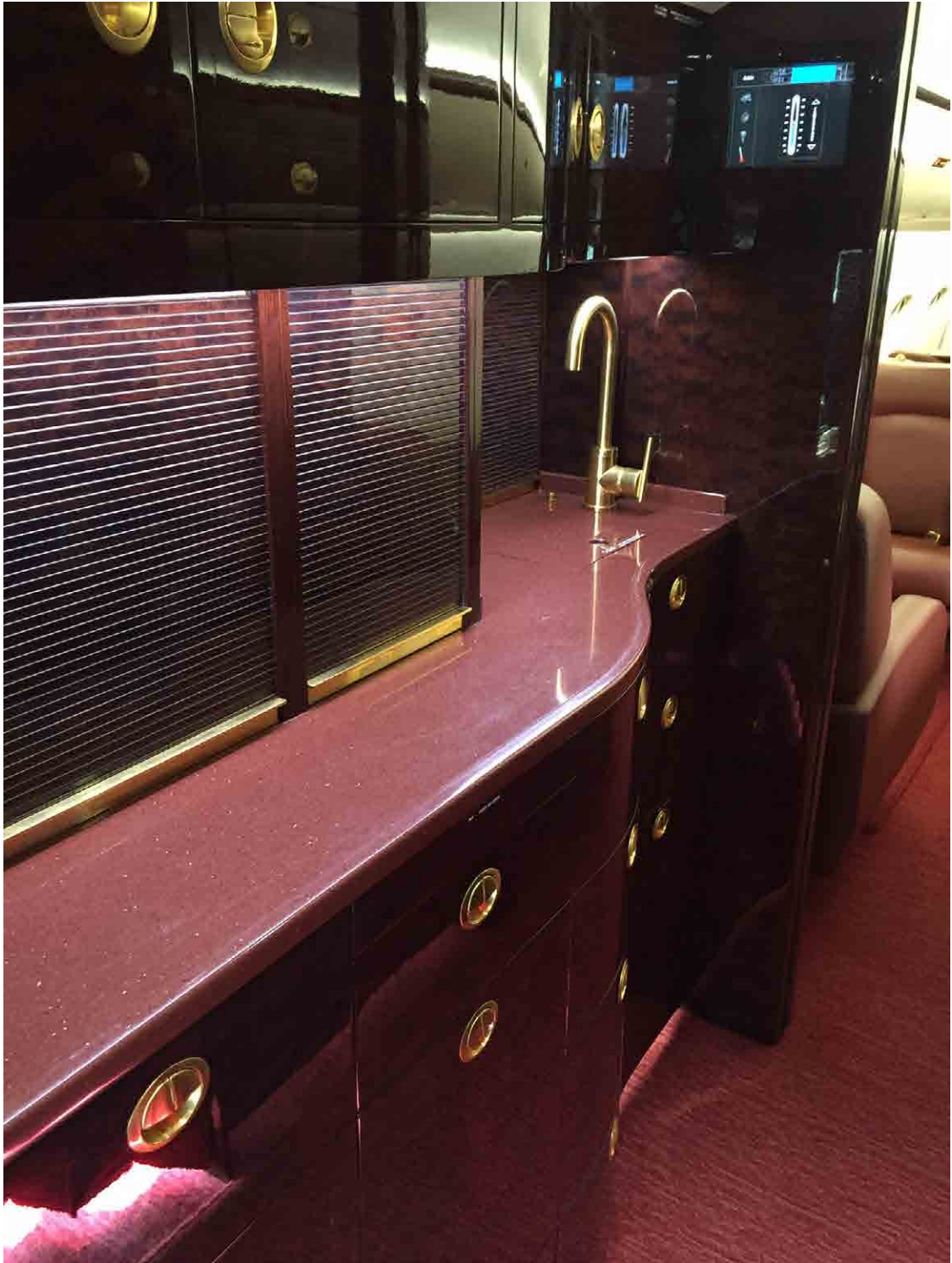
## AVIATRADE INCORPORATED

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**AIRFRAME: (As of 17 January, 2018)**

Total Time Since New	449 Hours
Total Landings Since New	218 Landings
Entry into Service Date	August 2012
Program Coverage	Bombardier Smart Part Plus
Maintenance Tracking	CAMP

**ENGINES: General Electric CF34-3B1**

	Left	Right
Total Hours Since New	442 Hours	442 Hours
Total Cycles Since New	220 Cycles	220 Cycles
HSI Due/Overhaul Due	On Condition	
Program Coverage	GE OnPoint	

**APU:**

Description Honeywell GTCP36-150(RJ)  
 Total Time Since New 1222 Hours  
 HSI Due / Overhaul Due On Condition

**MAJOR INSPECTION STATUS:**

Inspection	Last Performed	Next Due
12 Month	May 2017	May 2018
24 Month	May 2016	May 2018
48 Month	May 2016	May 2020
96 Month	N/A	May 2020

**AVIONICS:**

The Bombardier Challenger 850 is equipped with an integrated, Rockwell Collins Pro Line 4 avionics suite. A general summary of this aircraft's avionics suite is as follows:

Type of Unit	Quantity	Description
EFIS (Electronic Flight Instrument System)	6-Tube	Collins Pro Line 4
FMS (Flight Management System)	Dual	Collins FMC-4200
IRU (Inertial Reference Unit)	Dual	Litton LTN-101
GPS (Global Positioning System)	Dual	Collins GPS-4000A
ADC (Air Data Computer)	Dual	Collins ADC-850A
DME (Distance Measuring Equipment)	Dual	Collins DME-442
ADF (Automatic Direction Finder)	Dual	Collins ADF-462
EICAS (Engine Indication/ Crew Alerting System)	Dual	Collins ECP-4000
A/P (Autopilot)	Dual	Collins FCC-4000
VHF COM (Very High Freq. Communications)	Dual	Collins VHF-422C



HF COM (High Freq. Communications)	Single	Collins HF-9031A w/ Coltec SELCAL
SATCOM (Satellite Communications)	Single	True North Simphone
RADAR	Single	Collins RTA-844 w/ Split Scan
RADAR ALT (Radar Altimeter)	Dual	Collins RAC-870
XPNDR (Transponder)	Dual	Collins TDR-94D Mode S ADS-B OUT
EGPWS (Enhanced Ground Proximity Warning System)	Single	Honeywell Enhanced MK V EGPWS
TCAS II (Traffic Collision Avoidance System)	Single	Collins TTR-921 TCAS 7.1
CVR (Cockpit Voice Recorder)	Single	L-3 Communications FA-2100
FDR (Flight Data Recorder)	Single	L-3 Communications FA-2100
ELT (Emergency Locator Transmitter)	Single	Artex ELT-C406-2

**CONNECTIVITY:**

**Type of Unit**

Internet and Communication System

**Description**

Internet and Communication System True North Simphone Iridium satcom, low speed “dial up” messaging and 802.11b/g WIFI for off the shelf PEDs  
One (1) cockpit wired handset, one (1) aft cabin wired handset and one (1) WIFI based wireless handset with built in charging cradle at the fwd VIP seat

**ENTERTAINMENT:**

**Type of Unit**

Display / TV Monitors  
Airshow System  
DVD Players

**Description**

Four (4) Bulkhead LCD Monitors  
Airshow 4000 Next Generation In-flight Mapping  
Two (2) CD/DVD Players with iPod dock Wireless remote control for entertainment

**NAVIGATION & COMPLIANCE:**

RVSM, MNPS  
ADS-B OUT

RNAV 1, RNAV 5, RNAV 10  
RNP APCH (LNAV only), RNP 1

**WEIGHTS:**

Gross Weight (Ramp) 24,154 kg  
Max Takeoff Weight 23,995 kg  
Max Landing Weight 21,319 kg

Max Zero Fuel Weight 19,958 kg  
Fuel Capacity 8,390 kg  
Basic Empty Weight 15,558 kg

**INTERIOR:**

	<b>Description</b>
Number of Passengers	Fifteen (15)
Galley Location	Forward
Fwd Cabin Configuration	Four (4) Executive Club Seats with Foldout Tables
Mid Cabin Configuration	Four (4) Conference Club Seats Opposite two (2) Conference Club Seats
Aft Cabin Configuration	Two (2) Place Executive Club Opposite a Three (3) Place Divan
Lavatory Location(s)	Forward Crew Lavatory and Fully Enclosed Aft Lavatory
Jumpseat	Yes
Other Notable Features	Additional Magazine Rack; Manual Recliner Footrests
Galley Equipment:	Aerolux Espresso Maker, Microwave Oven