



2016 Bombardier Challenger 650 s/N 6076



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## HIGHLIGHTS

FANS 1/A (CPDLC AND ADS-C) COMPLIANT



SWIFT BROADBAND INTERNET



EASA & FAR PART 135 COMPLIANT



TRANSFERABLE WARRANTY



12 PASSENGER CONFIGURATION

## AIRFRAME

TOTAL TIME SINCE NEW	1,601 Hours (as of February 8, 2019)
TOTAL LANDINGS SINCE NEW	629 Landings
ENTRY INTO SERVICE DATE	October 12, 2016
HOME BASE	Malta
MAINTENANCE TRACKING	CAMP
CERTIFICATION	FAR Part 135 & EU OPS



## ENGINES

	Left Engine	Right Engine
DESCRIPTION	General Electric CF-34-3B	
SERIAL NUMBER(S)	801397	801398
TOTAL HOURS SINCE NEW	1,601 Hours	1,601 Hours
TOTAL CYCLES SINCE NEW	638 Cycles	637 Cycles



## APU

DESCRIPTION	Honeywell GTCP 36-150
SERIAL NUMBER	P-473
HOURS	1,324 Hours

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## AVIONICS

Type of Unit	Quantity	Description
EFIS (Electronic Flight Instrument System)	Four-Tube	Rockwell Collins AFD-5220E
FMS (Flight Management System)	Dual	Rockwell Collins Dual FMC-6200 and Single DBU-5010E
CDU (Control Display Unit)	Dual	Rockwell Collins CDU-6200
IRS (Inertial Reference System)	Triple	Honeywell LASEREF VI
GPS (Global Positioning System)	Dual	Rockwell Collins GPS-4000S
ADC (Air Data Computer)	Dual	Rockwell Collins ADC-850E
NAV (Navigation Radio)	Dual	Rockwell Collins NAV-4000
DME (Distance Measuring Equipment)	Dual	Rockwell Collins DME-4000
SVS (Synthetic Vision System)	Single	Rockwell Collins SVC-3000
ADF (Automatic Direction Finder)	Dual	Rockwell Collins ANT-462B
VHF COM (Very High Freq. Communications)	Triple	Rockwell Collins VHF-4000
HF COM (High Freq. Communications)	Dual	Rockwell Collins HF-9031A
SATCOM (Satellite Communications)	Single	Rockwell Collins SAT-2200, Inmarsat System
SELCAL (Selective Calling System)	Single	Avtech CSD-714
WRADAR (Weather Radar)	Single	Rockwell Collins WX-1000
RADAR ALT (Radar Altimeter)	Dual	Rockwell Collins ALT-4000
XPNDR (Transponder)	Dual	Rockwell Collins TDR-94D w/ Mode S and ADS-B Out
EGPWS (Enhanced Ground Proximity Warning System)	Single	Rockwell Collins MKV-A
TCAS (Traffic Collision Avoidance System)	Single	Rockwell Collins TSS-4100
CVR (Cockpit Voice Recorder)	Single	L3 Technologies FA2100 SSCVR
FDR (Flight Data Recorder)	Single	L3 Technologies FA2100 SSFDR
ELT (Emergency Locator Transmitter)	Single	ACR Artex C406-N

## OTHER NOTABLE FEATURES

SB 650-23-002 – Datalink (VDL Mode 2), Controller-Pilot Datalink Communication (CPDLC) and Iridium Interface

SB 650-23-008 – Future Air Navigation System 1/A+ (FANS 1/A+ / CPDLC / ADS-C)

## NAVIGATION & COMPLIANCE

RVSM	B-RNAV (RNP 5)	P-RNAV
FANS 1/A+	RNP 4	NAT MNPS
CPDLC	RNP 10	
ADS-C	SBAS/WAAS/LPV	

## MAJOR INSPECTION STATUS

Inspection	Last performed	Next due
1C / 12 MONTH	September 2018	October 2019
2C / 24 MONTH	September 2018	October 2020
3C / 36 MONTH	-	October 2019
4C / 48 MONTH	-	October 2020
8C / 96 MONTH	-	October 2024

## WARRANTY

	Expiration
AIRCRAFT STRUCTURE – PARTS & LABOR	October 2026 or 10,000 Hours
OEM SYSTEM & COMPONENTS – PARTS & LABOR	October 2021 or 5,000 Hours
SUPPLIED SYSTEMS & COMPONENTS – PARTS & LABOR	October 2021 or 5,000 Hours
ENGINES – PARTS & LABOR	October 2021 or 2,500 Hours
APU – PARTS	October 2022 or 3,000 Hours
APU – LABOR	October 2019 or 3,000 Hours
AVIONICS – PARTS & LABOR	October 2021



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## INTERIOR

	Description
NUMBER OF PASSENGERS	Twelve (12)
GALLEY LOCATION	Forward
FORWARD CABIN CONFIGURATION	Four (4) Place Double Club
AFT CABIN CONFIGURATION	Four (4) Place Conference Group Opposite a Four (4) Place Divan
LAVATORY LOCATION(S)	Aft
JUMPSEAT	Yes
GALLEY EQUIPMENT	Espresso Machine; High-Temperature Oven; and Microwave Oven



## WEIGHTS

GROSS WEIGHT (RAMP)	48,300 lbs.
MAX TAKEOFF WEIGHT	48,200 lbs.
MAX LANDING WEIGHT	38,000 lbs.
MAX ZERO FUEL WEIGHT	32,000 lbs.
MAX FUEL WEIGHT	20,000 lbs.
TYPICAL BASIC OPERATING WEIGHT	27,150 lbs.

## EXTERIOR

BASE PAINT COLOR(S)	Matterhorn White
STRIPE COLOR(S)	Blue Belly with Blue Stripe



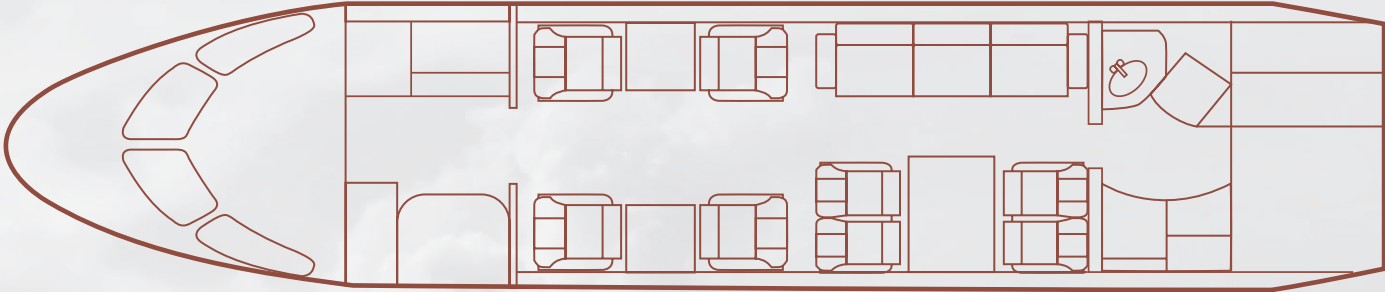
## ENTERTAINMENT

DISPLAY/TV MONITOR(S)	Two 24.0" Bulkhead Monitors
CABIN MANAGEMENT SYSTEM	Lufthansa NICE



## CONNECTIVITY

HIGH SPEED INTERNET	Swift Broadband
PHONE SYSTEM	Iridium, Single-Channel





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