



## 2005 Bombardier Challenger 604- 5584



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### HIGHLIGHTS

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One Owner Since New

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Collins Proline 4 Avionics Suite w/6-Screen EFIS

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Enrolled on Bombardier Smart Parts Airframe & Avionics Program

\$618/hour, min 300h/year includes avionics

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Enrolled on GE on Point Engine Program

\$229.23/hour/engine

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Enrolled on MSP Gold APU Engine Program

\$128.70/hour

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### AIRFRAME

TOTAL TIME SINCE NEW	6888.5
TOTAL LANDINGS SINCE NEW	2621
ENTRY INTO SERVICE DATE	February 1 <sup>st</sup> , 2005
CERTIFICATION DATE	09/28/2004
HOME BASE	KFXE
PROGRAM COVERAGE	Smart Parts Plus
MAINTENANCE TRACKING	CAMP
CERTIFICATION	Part 91

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### ENGINES

	Left Engine	Right Engine
DESCRIPTION	General Electric CF34-3B	General Electric CF34-3B
SERIAL NUMBER(S)	950105	950106
TOTAL HOURS SINCE NEW	6888.5	6888.5
TOTAL CYCLES SINCE NEW	2621	2621
HSI/OVH DUE	On Condition	On Condition
PROGRAM COVERAGE	GE On Point	GE On Point

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### APU

DESCRIPTION	Honeywell GTCP 36-150
SERIAL NUMBER	P-791C
TOTAL TIME SINCE NEW	3911.6
HSI/OVH DUE	On Condition
PROGRAM COVERAGE	MSP Gold

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### AVIONICS

Type of Unit	Quantity	Description
EFIS (Electronic Flight Instrument System)	Six (6) - Tube	Collins Pro Line 4.0–EFD 4077 MFD Displays
GPS (Global Positioning System)	Dual (2)	Collins GPS-4000S
FMS (Flight Management System)	Dual (2)	Collins FMS-6000 WAAS / LPV Compliant
COMMS (Radio w / 8.33 Spacing)	Triple (3)	Collins VHF-422B
NAV (Navigation w / FM Immunity)	Dual (2)	Collins VIR-432
ADC (Air Data Computer)	Dual (2)	Collins ADC-850E
IRS (Inertial Reference System)	Triple (3)	Litton LTN-101
DME (Distance Measuring Equipment)	Dual (2)	Collins DME-442
ADF (Automatic Direction Finder)	Dual (2)	Collins ADF-462
ELT (Emergency Locator Transmitter)	Single (1)	Airtex ELT-406
A/P (Autopilot)	Single (1)	Collins FCC-4006
HF COM	Dual (2)	Collins HF-9031A
SELCAL	Single (1)	Coltech
WEATHER RADAR	Single (1)	Collins RTA 854 Color
RADAR ALT (Radar Altimeter)	Single (1)	Collins ALT 55B
WEATHER RADAR CONTROLLER	Single (1)	Collins WXP-4220 (Dual Radar Controller)
XPNDR (Transponder)	Dual (2)	Collins TDR-92D
EGPWS (Ground Proximity Warning System)	Single (1)	Honeywell Mark VII w / TAWS
FDR (Flight Data Recorder)	Single (1)	Fairchild L3
TCAS (Traffic Collision Avoidance System)	Single (1)	Collins TTR-4000 TCAS II w / Change 7.1
CVR (Cockpit Voice Recorder)	Single (1)	Fairchild L3

### OTHER NOTABLE FEATURES

- ⇒ Full 2020 Compliant
- ⇒ ADS-B Out V2
- ⇒ FANS-1A+ / CPDLC over Iridium
- ⇒ ICG ICS 200 Iridium SAT PHONE
- ⇒ Collins 5000 Four Channel Aero-I Satcom (Interfaced with Magnastar)
- ⇒ Safe Flight Enhanced Dual Channel Auto Throttle System
- ⇒ Lightning Detection System (LDS)
- ⇒ Improved, extra soundproofing. Quietest 604 ever built!! The Average noise level is 49 db SIL
- ⇒ LoPresti HID Landing / Taxi Lights

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### MAJOR INSPECTION STATUS

Inspection	Last Performed (Hrs. or date)	Next Due (Hrs. or date)
100 Hrs.	6795.3	6895.3
400 Hrs.	6795.3	7195.3
600 Hrs.	6795.3	7295.3
800 Hrs.	6417.0	7173.0
1200 Hrs.	6795.3	7995.3
1600 Hrs.	6417.0	7999.0
2400 Hrs.	4759.0	7199.0
3200 Hrs.	6417.0	9600.0
4800 Hrs.	4759.0	9600.0
6400 Hrs.	6417.0	12800.0
6 Months	Jan 2020	Jul 2020
12 Months	Jan 2020	Jan 2021
24 Months	Jan 2020	Jan 2022
48 Months	Nov 2016	Jan 2021
96 Months	Nov 2012	Dec 2020
144 Months	Dec 2016	Jan 2029
192 Months – Landing Gear OVH	Nov 2012	Dec 2020

### 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.
EMPTY WEIGHT	27,187 lbs.
BASIC OPERATING WEIGHT	27,820 lbs.

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### INTERIOR

INTERIOR	CONFIGURATION
Configuration	New Challenger 650 Style Twelve (12) place interior, four forward club seats, one aft right hand four place divan, one (1) four place conference group with Hi-Low mechanical table on the left-hand side of the aircraft, Fwd. Cabin galley, small aft Lavatory. <b>Done at Bombardier Aircraft Services / Ft. Lauderdale, FL in October 2019</b>
Colors & Materials	Forward and Aft cabin chairs are finished in two tone Apollo Leather (Satin & Tobacco colors), country of Origin-Germany. The Carpet is RedRock Custom (# RR-212-ST-388) – Has dark chocolate tint with beige accents (100% Pure Wool). The couch, curtains and bulkhead custom padding in Glant Via Condotti Fabric-Lino Color (Light Beige). The Galley, Entrance, Lavatory & Baggage floor material is the 2Tec2 High Traffic material in intermediate Brown tones. The countertops are Aeroquest Aerostone The Wood is Fig Eucalyptus with a Glossy finish. <b>Passenger seats are fireblocked.</b>

### EXTERIOR PAINT

Date & Location	Painted in 2010 at Bombardier Aircraft Services / Tucson, AZ
Colors	Fuselage is painted Matterhorn White; Accent Stripes are Blue.

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