



2001 Challenger 604 N670CM S/N5488

Specifications and Summary



GUARDIANJET

2001, Challenger 604 N670CM S/N5488



OFFERED AT: \$7,995,000

HISTORY:
Operated Part 91

AVAILABLE: IMMEDIATELY

STATUS: As of May 9, 2013

TOTAL TIME: 3760.5 Hours

LANDINGS: 2261

ENGINES: General Electric CF34-3B

	#1	#2
Total Time Since New:	3760.5	3760.5
Cycles Since New:	2262	2262
TIME AT MID-LIFE:	ON CONDITION	ON CONDITION
SERIAL NUMBER:	GE-E-872953	GE-E-872952

MX PROGRAM: Maintained under Bombardier CL-604 Chapter 5 / Time & Calendar

MX TRACKING: CAMP

PARTS PROGRAM: Smart Parts Plus Supplemental Engine Agreement (SPEC). Converts to the GE On-Point Program August 1, 2013.

APU: GTCP 36-100E

Serial Number: P-680

TSN: 2864

HIS Completed: 1908 TSN (January 22, 2007 @ Dallas Air motive)

MX Program: APU is enrolled MSP

WEIGHT:

MAX LANDING WEIGHT:	38,000 Lbs.	MAX TAKE-OFF WEIGHT:	48,200 Lbs.
B.E.W. :	26,562 Lbs.	MAX ZERO FUEL:	32,000 Lbs.

CAPABILITIES:

- RVSM
- IFR RNAV 1
- Required Navigation Performance 5
- Required Navigation Performance 10
- BRNAV & P-RNAV Capability
- Minimum Navigation Performance Specs
- FM Immunity
- 8.33 kHz Channel Spacing for Comms

AVIONICS & COCKPIT



AVIONICS: *(Collins Pro Line 4 Avionics System with Precision Plus)*

COMMUNICATIONS: Dual Collins VHF-422C Comms w/ 8.33 kHz Spacing

NAVIGATION: Dual Collins VIR-432 Navs w/ FM Immunity

AUTOPILOT / FLIGHT DIRECTOR: (2) Dual Collins FCS-4000 / Pro Line 4 Autopilot System

EFIS: Collins 6-Tube Electronic Flight Instrument System (EFIS) / Engine Instrument and Crew Advisory System (EICAS) / 3D Mapping option

WEATHER RADAR: Collins TWR-850 Weather Radar system with dual control heads w/RTA-854 Antenna

TRANSPONDER: Dual Collins TDR-94D Mode S Transponder w/Enhanced Surveillance Flight ID and ADS-B Out.

AUTOMATIC DIRECTION FINDER: Dual Collins ADF-462

RADIO ALTIMETER: Single Collins ALT-55B Radio Altimeter with Dual Display

DISTANCE MEASURING EQUIPMENT: Dual Collins DME-442 DME

TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM: Collins TTR-920 TCAS II w/ Change 7

GLOBAL POSITIONING SYSTEM: Dual Collins GPS-4000S Global Positioning System

LONG RANGE NAVIGATION: Triple Litton LTN-101 Flagship Inertial Reference Units (IRU's)

FLIGHT MANAGEMENT SYSTEM: Triple Collins FMS-6000 Ver. 4.0 (LPV Approach Capable)

AIR DATA COMPUTERS: Dual Collins ADC-850E Air Data Computers

TERRAIN AWARENESS AND ALERTING SYSTEM: Honeywell Mark V EGPWS, EGPWS upgraded from -206-206 to -216-216 at MidCoast December 2005 (SB)

LIGHTNING DETECTION: Collins WX-1000 Lightning Detection System with BF Goodrich Stormscope II

AFIS: VHF and Satellite capable

FLIGHT DATA RECORDER: L-3 Fairchild F1000 FDR System



AVIONICS: *(Continued)*

COCKPIT VOICE RECORDER: L3 Communications A100S
HF: Dual Collins HF-9000 High Frequency Radio w/ single SELCAL
EMERGENCY LOCATOR TRANSMITTER: Artex C406-1 ELT w/NAV Interface
EMERGENCY VISION ASSURANCE SYSTEM: Dual EVAS

COCKPIT FEATURES:

- Dual Cockpit Sun Visors
- Second Refuel/Defuel Control Panel in cockpit
- Safe Flight Enhanced Auto Throttles
- Two Apple iPads - WiFi capable (loose equipment)

CABIN ENTERTAINMENT & COMMUNICATIONS

ENTERTAINMENT

- Two 18" cabin monitors
- Airshow Genesys
- VCR
- CD Player
- DVD Player
- 2 Remote Controls

COMMUNICATIONS

- High Speed Data: Thrane & Thrane Swift Broadband (WiFi & Ethernet capable) TT-5040A SBU
- Aircell Axxess II Iridium SATCOM Phone System with 4 handsets (1 cockpit and 3 cabin / *note: 2 of the cabin handsets are wireless*)

MAINTENANCE PROGRAMS & INSPECTIONS STATUS

MAINTENANCE & INSPECTIONS

- Aircraft Enrolled on SmartParts Plus (includes avionics)
- APU on Hard Time / MSP
- Engines on Condition with Smart Parts Plus w/Supplemental Engine Program. The engine program will convert to GE On-Point Program August 1, 2013.
- CAMP Mx Reporting
- 12/24/48 Month Inspections complied with April 2013
- 96 Mos. detailed inspections of Nose and Landing Gear was performed April 2009
- Restoration of MLG & NLG next due 2017

INTERIOR Forward Cabin

INTERIOR DESCRIPTION (Original *)

Nine Passenger executive interior. The forward cabin features a four-place club seating with two fold out tables. The aft cabin includes a two-place club on the left with and opposite side 3-place berthable divan. This soothing environment is appointed with in earth tone and leather seats. The entertainment and communication amenities include wireless (or ethernet) high speed internet, Airshow Genesys, DVD player, CD player VHS player and Iridium satellite phone system.

**Carpet Replaced by Comlux in June 2010*



Forward Cabin looking Aft

INTERIOR
Aft Cabin



Mid Cabin looking Aft



Aft Cabin looking Forward

GALLEY & LAVATORY



Galley looking forward



Aft Lavatory

GALLEY DESCRIPTION (69" Galley)

- GE Microwave
- Coffee Maker (loose equipment)
- 2 Ice Bins
- TIA High Temperature Convection Oven

OTHER OPTIONS & FEATURES

- 3D Mapping option displayed on MFD
- Pulse Landing Light System
- Logo Lighting
- Pathfinder Emergency Escape Path Lighting System
- Fintop Radome
- Strut & Stairs on the APU Bay Door
- Passenger Therapeutic Oxygen System
- Third Crew Jump Seat w/Audio Panel
- 31" Deep Aft Baggage Compartment (extended cabin)
- Compact Tow Bar assembly w/head mounted in nose compartment
- Aft Equipment Storage Box with room to store Nose & Main Tire Assembly & Jack

EXTERIOR

EXTERIOR DESCRIPTION (Original)

Overall white with antique silver metallic and charcoal grey metallic accent (see photos)



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