

# Specifications and Summary

## Challenger 604



**1996 Challenger 604**  
Serial Number 5309, N666TR



**PRELIMINARY SPECIFICATION**

# 1996 Challenger 604

## N666TR S/N 5309

**TOTAL TIME:** As of July 24, 2006

**TTAF:** 4,771

**LANDINGS:** 2,826

**ENGINES:** (General Electric CF34-3B)

**SNEW:**

**CYCLES SINCE NEW:**

**Serial Number:**

**LEFT**

4,771

2,826

872035

**RIGHT**

4,771

2,826

872030

*Note: 1) Engines enrolled on Jet Support Services, Inc. (JSSI) "Select" Engine Maintenance Program.*

**APU:** Garrett GTPC36-100E

**TSN:**

**HOURS UNTIL HSI:**

**Serial Number:**

4,620

On Condition

P485

*Note: 1) APU enrolled on Jet Support Services, Inc. (JSSI) Maintenance Program.*

### **WEIGHT:**

**EMPTY WEIGHT:** 26,639 lbs.

**MAX RAMP WEIGHT:** 48,300 lbs.

**MAX LANDING WEIGHT:** 38,000 lbs.

**FUEL CAPACITY:** 19,852 lbs.

**BOW:**

**MAX TAKEOFF WEIGHT:**

**MAX ZERO FUEL WEIGHT:**

27,878 lbs.

48,200 lbs.

32,000 lbs.

### **AVIONICS:**

**COMMUNICATIONS:** (2) Collins VHF-422B Comms (8.33 Spacing)

**NAVIGATION:** (2) Collins VIR-432 NAV Receivers (w/ FM Immunity)

**AUTOPILOT / FLIGHT DIRECTOR:** (2) Collins FCC-4006 / ProLine 4 Digital Flight Control System

**EFIS:** Collins ProLine 4 6-Tube EFIS Display Tubes with EICAS (EFD-4077)

**AIR DATA COMPUTER:** (2) Collins ADC-850(E) Digital Air Data Computers

**RADAR:** Collins RTA-854 Four Color Weather Radar with Turbulence Detection

**TRANSPONDER:** Collins TDR-94D Mode S Transponders with Enhanced Surveillance Flight ID

**AUTOMATIC DIRECTION FINDER:** (2) Collins ADF-462 ADF

**RADIO ALTIMETER:** Collins ALT-55B Radio Altimeter System

**DISTANCE MEASURING EQUIPMENT:** (2) Collins DME-442 DME

**TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM:** Collins TTR-920 TCAS II with Change 7

**GLOBAL POSITIONING SYSTEM:** (2) Collins GPS-4000 GPS System

**LONG RANGE NAVIGATION:** (2) Litton-101 IRS with Single Mode Select

**FLIGHT MANAGEMENT SYSTEM:** (2) Collins AVSAT FMS-6000 Flight Management Systems

**TAWS:** Allied Signal EGPWS

**HF:** (2) Collins HF- 9000 High Frequency Radios

**SELCAL:** Coltech CSD-714 SELCAL Decoder System

**FLIGHT DATA RECORDER:** Loral Fairchild F-1000 Flight Data Recorder

**COCKPIT VOICE RECORDER:** Fairchild A100 Cockpit Voice Recorder

**ADDITIONAL:** Artex 406 MHz ELT w/ NAV Interface

Collins SAT-906 SATCOM

Dual Collins DCU-4000 Data Concentrator Units

Single Dual Channel Collins Integrated Avionics Processing System (IAPS)

Collins MDC-4000 Maintenance Diagnostic Computer

Dual Collins RTU-4200 Color Liquid Crystal Radio Tuning Displays



**CAPABILITIES:**

- RVSM Capable: Yes
- Minimum Navigation Performance Specs: Yes
- FM Immunity: Yes
- 8.33 kHz Channel Spacing for Comms: Yes
- RNP-5 Capable - Yes

**OPTIONS & FEATURES:**

- Airshow 400 Cabin Display
- Magnastar C-2000 Phone/FAX System
- Cabin Entertainment System with CD, VCR, DVD and Cassette Players and BOSE AM3 Speaker System
- 14" Bulkhead Mounted, Liquid Crystal Display Cabin Monitor
- Additional Cabin Windows
- Precise Flight Pulse Light Unit
- Baggage Compartment Smoke Detector
- Dual Davtron M811B Digital Clocks

**INTERIOR:** *(Refurbished in Oct. 1996 by Innotech Aviation, Dorval, Canada)*

Exceptional 10-passenger floor plan with 1 Tosington Jump Seat. The cabin seat layout consists of a forward galley with convection oven and microwave, four executive club chairs forward with fold out tables, one berthable divan with raft storage aft, two executive club chairs with fold out tables opposite the divan, and an aft lavatory. Seats are completed in tan leather with complimentary cabin softgoods. Wood is Birdseye Maple throughout. Interior is fireblocked.

**EXTERIOR:** *(Painted in Mar. 2001 by Midcoast Aviation, Cahokia, Illinois)*

Overall Tan with Maroon accent stripes.

**MAINTENANCE:**

- ◆ Aircraft enrolled in CAMP Maintenance Tracking Program
- ◆ Aircraft maintained on the Factory Recommended program
- ◆ Aircraft maintained and operated on FAR Part 135 Certificate
- ◆ Engines and APU enrolled on JSSI Select
- ◆ Engines are maintained *ON CONDITION*

MAINTENANCE STATUS

<u>INSPECTION</u>	<u>LAST ACCOMPLISHED</u>	<u>NEXT DUE</u>
100 Hour	4717 Hours (Apr 06)	4817 Hours
400 Hour	4634 Hours (Apr 06)	5034 Hours
800 Hour	4268 Hours (Aug 05)	5068 Hours
1600 Hour	4710 Hours (May 06)	6310 Hours
2400 Hour	4268 Hours (Aug 05)	6668 Hours
3200 Hours	3124 hours (Jun 03)	6324 Hours
4800 Hour	4771 Hours (Aug 06)	9571 Hours
6 month	Aug 2006	Feb 2007
12 month	Feb 2006	Feb 2007
24 month	Feb 2006	Feb 2008
36 month	Mar 2005	Mar 2008
48 month	Feb 2004	Feb 2008
96 month	Mar 2003	Mar 2012
Gear Inspection	Mar 2004	Mar 2012

**NOTES:**

- ◆ Overall aircraft condition is excellent and records are intact and complete
- ◆ Aircraft available for delivery: **Sept 2006**
- ◆ No Damage History

**BRIEF HISTORY:**

Initial Certificate of Airworthiness was issued in April 1996 and delivered complete in July 1996 Aircraft interior was originally completed by Innotech Aviation, Dorval, Canada. This aircraft has been owned/operated by 2 owners since new.

**ASKING PRICE:**

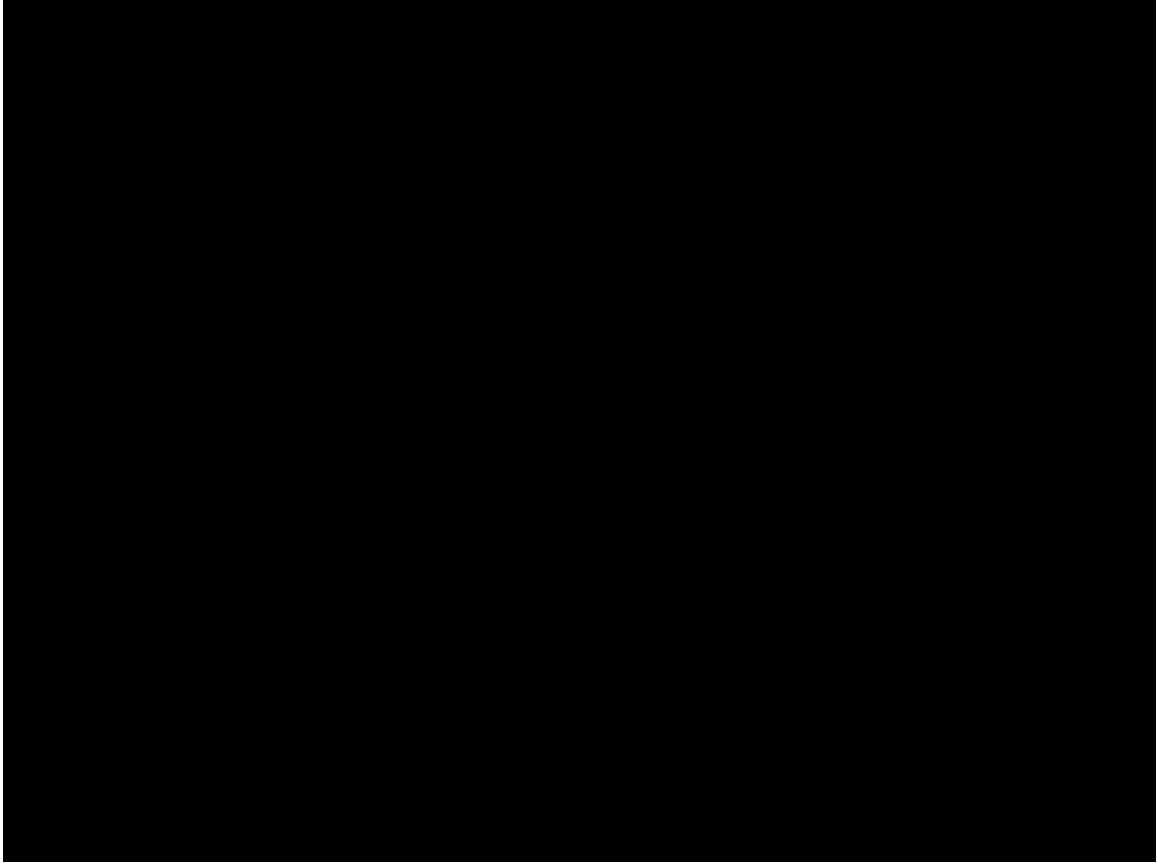
\$ USD

*This aircraft is being brokered by Guardian Jet, LLC. Prospective purchasers are encouraged to conduct their own independent pre-purchase inspection as Guardian Jet, LLC makes no representations as to the airworthiness of the aircraft or the accuracy of the above information. Specifications subject to verification upon inspection. Aircraft subject to prior sale.*

**07282006SS/Rev1**

# Aircraft Photographs









# Aircraft Layout

**LAYOUT AVAILABLE SOON**