



Challenger 600

For over half a century, Canadair was Canada's leading aircraft manufacturer. Between its founding in 1944 and its 50th Anniversary, the company manufactured over 4,000 aircraft and many other products. Acquired by Bombardier Inc. in 1986, Canadair has since been absorbed into Bombardier Aerospace.

The Challenger 600 is the original model of the Challenger line of aircraft. It is equipped with Rolls-Royce ALF-502's that created a lot of noise and vibration in the cabin. It has a roomy 1,035 foot cabin with ample space for nine passengers.



ESTIMATED VARIABLE COSTS - Per Hour

CL 600

Fuel (1)	\$1,819.84	\$-	\$-
Fuel Additives	-	-	-
Lubricants	-	-	-
Maintenance Labor (2)	395.16	-	-
Parts Airframe/Eng/Avion (3)	534.11	-	-
Engine Restoration (4)	1,027.14	-	-
Thrust Reverser Allowance	-	-	-
Propeller Allowance	-	-	-
APU Allowance	94.05	-	-
Major Periodic Maintenance	-	-	-
Misc Exp. - Landing/Parking	40.70	-	-
- Crew Expenses	249.60	-	-
- Supplies/Catering	131.04	-	-
- Carbon Offset (5)	-	-	-
- Other	-	-	-
Fractional Cost/Hour + Tax	-	-	-
Total Variable Cost/Hour	\$4,291.64	\$-	\$-
Average Speed-Kts. (6) 600-nm trip	404.00	-	-
Cost per Nautical Mile	\$10.62	\$-	\$-

Cost data in this report is intended to be used as a benchmark

FOOTNOTES - Size of Operation: 1 - 2 Aircraft

Date: 11/16/2009

Currency: \$

Type of Operation:

Corporate

1. Fuel Cost	5.17	-	-
Gallons/Hour Blk Fuel/Flt Time +15%	352	-	-
2. Maint. Labor Cost per Hour	89	-	-
Maint. Hours/Flight Hours	4.44	-	-
3. Incl. Engine Parts Cost	No		
Engine Model	ALF 502L		
Aircraft Model Year	1983		
4. Overhaul Cost Source	JSSI Prem09		
5. CO2 Cost Per Tonne	-	-	-
6. Block Speed Source	Mftr Data		



ANNUAL FIXED COSTS

CL 600

Crew salaries - Captain (7)	\$132,000	\$-	\$-
- Co Pilot	80,000	-	-
- Flt Attendant	75,000	-	-
- Flt Eng/Other	-	-	-
- Benefits	86,100	-	-
Hangar - Typical	58,100	-	-
Insurance - Hull (8)	12,000	-	-
Single Limit Liability	13,950	-	-
Recurrent Training	49,800	-	-
Aircraft Modernization (9)	75,000	-	-
Navigation Chart Service	16,223	-	-
Refurbishing (10)	84,105	-	-
Computer Mx. Program (11)	9,500	-	-
Weather Service (12)	700	-	-
Other Fixed Costs	-	-	-
Mgmt Fee/Yr + Tax	-	-	-
Total Fixed Cost/Year	\$692,478	\$-	\$-

Cost data in this report is intended to be used as a benchmark

FOOTNOTES - Size of Operation: 1 - 2 Aircraft

Date: 11/16/2009

Currency: \$

7. Crew Salary Source	08 NBAA		
Number of Crew	3	-	-
8. Ins Hull Value/Frac Share Cost	3,000,000	-	-
Hull Insurance Rate (%)	0.40	-	-
9. Modernization	10 Yr Avg		
10. Refurbish Labor Hrs/Seat	105	-	-
11. Comp. Mx Program Source	Typical		
12. Weather Service Source	Typical		



ANNUAL BUDGET

CL 600

Utilization - Nt. Miles	175,000	-	-
- Hours	433	-	-
Variable Cost	1,858,281	-	-
Fixed Cost	692,478	-	-
Total Cost (No Depreciation)	\$2,550,759	\$-	\$-
- Per Hour	5,891.00	-	-
- Per Nt. Mile	14.58	-	-
- Per Seat Nt. Mile	1.62	-	-
Total Cost (No Depreciation)	2,550,759	-	-
Book Depreciation (13)	300,000	-	-
Total Cost (Book Dep)	\$2,850,759	\$-	\$-
- Per Hour	6,584.00	-	-
- Per Nt. Mile	16.29	-	-
- Per Seat Nt. Mile	1.81	-	-
Total Cost (No Depreciation)	2,550,759	-	-
Market Depreciation (14)	120,000	-	-
Total Cost (Market Dep.)	\$2,670,759	\$-	\$-
- Per Hour	6,168.00	-	-
- Per Nt. Mile	15.26	-	-
- Per Seat Nt. Mile	1.70	-	-

Cost data in this report is intended to be used as a benchmark

Footnotes - Size of Operation: 1 - 2 Aircraft

Date: 11/16/2009

Currency: \$

13. Book Depreciation Rate 10% per yr

14. Market Depreciation Rate 4.00



GENERAL COMPARISON

CL 600

Cabin-Height (Ft.)	6.10	-	-
- Width	8.20	-	-
- Length	28.30	-	-
Cabin volume (Cu. Ft.)	1,035.00	-	-
Cabin Door Height (Ft.)	5.80	-	-
- Width	3.00	-	-
Baggage -Int. (Cu.Ft.)	115.00	-	-
- External	-	-	-
Typical Crew/Pass Seating	3/9		
Weight-Max Take-off (Lbs.)	41,250	-	-
- Maximum Landing	36,000	-	-
- Basic Operating	24,150	-	-
- Usable Fuel	14,640	-	-
Payload-Full Fuel (Lbs.)	2,610	-	-
- Maximum	6,850	-	-
Certified/IFR Certified	Yes/Yes		
Price - New (Corporate)/1000	9,000	-	-
- Pre Owned Rng/1000	2,500/3,000		
- Years Produced	1981 - 1983		

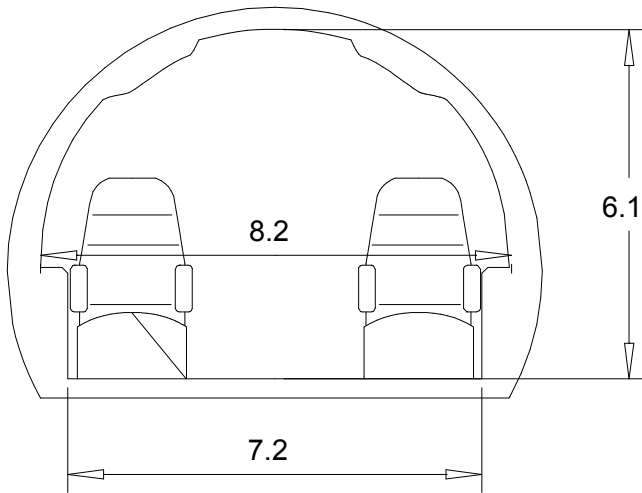
PERFORMANCE COMPARISON

CL 600

Range-NBAA IFR Res (N.Mi.)			
Seats Full	2,800	-	-
Ferry Range - (Pilot(s) only, no pax)	2,880	-	-
Range-30 Min. Res (N.Mi.)			
Seats Full	-	-	-
Ferry Range - (Pilot(s) only, no pax)	-	-	-
Balanced Field Length (Ft.)	6,200	-	-
Landing Distance - FAR 121	4,175	-	-
Rate Of Climb (Ft/Min)	3,400	-	-
- One Engine Out	743	-	-
Cruise Speed-Max (KTAS)	458	-	-
- Normal	458	-	-
- Long Range	401	-	-
Stall Speed (IAS)	87	-	-
Ceiling-Service MTOW (Ft.)	39,000	-	-
- Service OEI	23,900	-	-
- Hover IGE (Helicopter Only)	-	-	-
- Hover OGE (Helicopter Only)	-	-	-

INTERIOR

Scale = 1:40

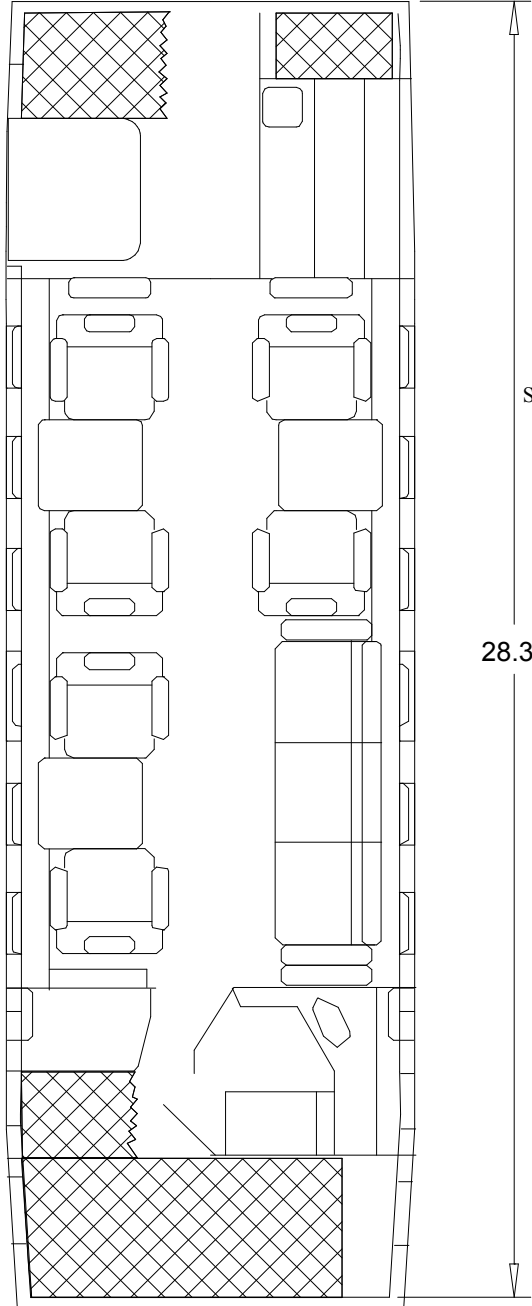


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Challenger 600

Scale = 1:50

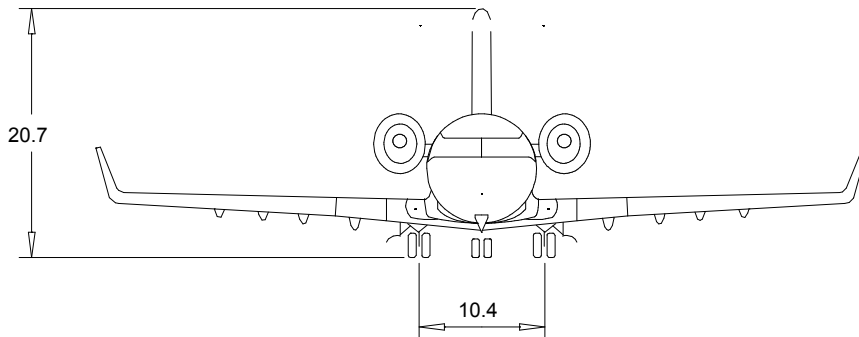
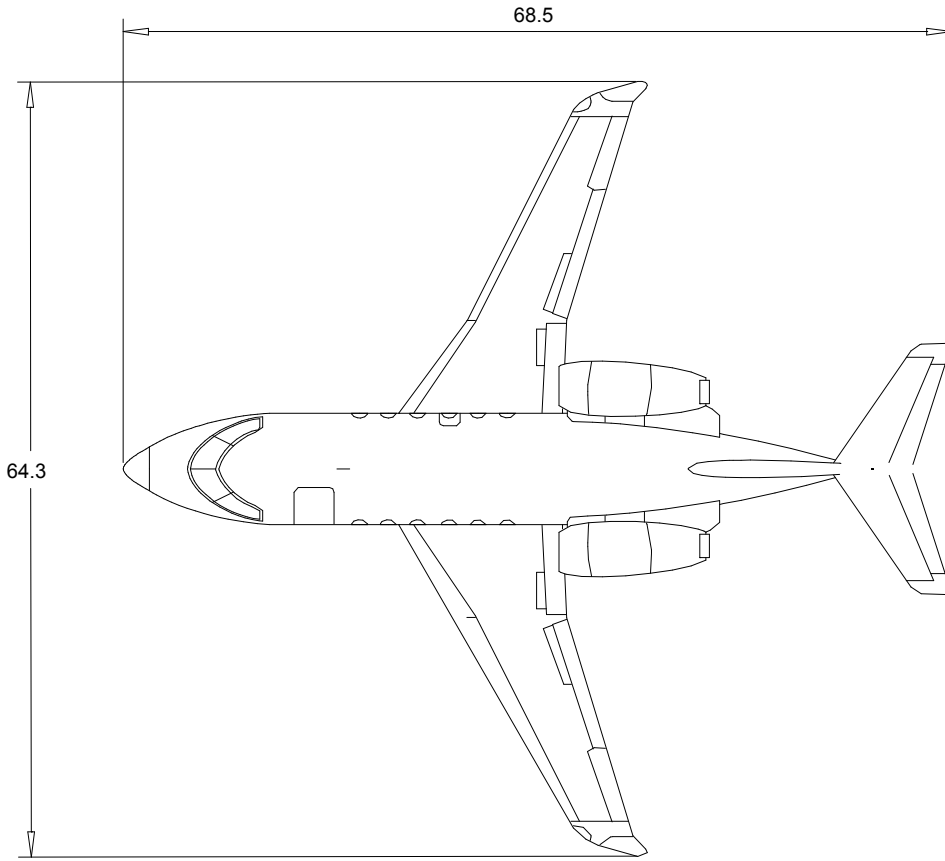
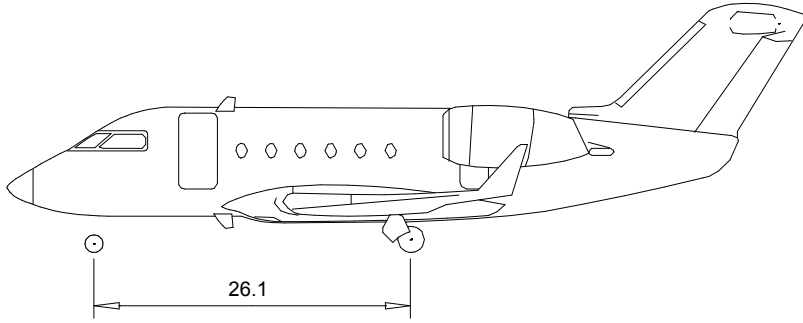


 - Baggage

All dimensions are measured in Feet unless otherwise specified.

EXTERIOR

Scale = 1:190



All dimensions are measured in Feet unless otherwise specified.