



Challenger 300

The Challenger 300, formerly known as the Continental, is Bombardier's entry into the super mid-sized battle for supremacy. It is a transcontinental range eight-seat corporate jet, which will sit in the company's model line-up between the Learjet 60 and Challenger 600 series.

The Challenger 300's 860 cubic feet of cabin volume provides true double-club seating for eight passengers. It has Honeywell HTF 7000 engines are expected to give the Continental 20% more range than the leading mid-size business jet and a Collins Pro Line 21 avionics suite.

The aircraft was certificated in 2003 and is in production.



ESTIMATED VARIABLE COSTS - Per Hour

CL 300			
Fuel (1)	\$1,995.50	\$-	\$-
Fuel Additives	-	-	-
Lubricants	-	-	-
Maintenance Labor (2)	56.07	-	-
Parts Airframe/Eng/Avion (3)	158.50	-	-
Engine Restoration (4)	295.37	-	-
Thrust Reverser Overhaul	10.71	-	-
Propeller Overhaul	-	-	-
APU Overhaul	40.07	-	-
Major Periodic Maintenance	-	-	-
Misc Exp. - Landing/Parking	32.05	-	-
- Crew Expenses	140.00	-	-
- Supplies/Catering	90.00	-	-
- Other	-	-	-
Fractional Cost/Hour + Tax	-	-	-
Total Variable Cost/Hour	\$2,818.27	\$-	\$-
Average Speed-Kts. (5) 600-nm trip	414.00	-	-
Cost per Nautical Mile	\$6.81	\$-	\$-

FOOTNOTES - Size of Operation: 1 - 2 Aircraft

Date: 12/12/2008

Currency: \$

Type of Operation:

Corporate

1. Fuel Cost	6.50	-	-
Gallons/Hour	307	-	-
2. Maint. Labor Cost per Hour	89	-	-
Maint. Hours/Flight Hours	0.63	-	-
3. Incl. Engine Parts Cost	No		
Model	HTF 7000		
4. Overhaul Cost Source	JSSI Comp08		
5. Block Speed Source	Mftr-Data		



ANNUAL FIXED COSTS

CL 300

Crew salaries - Captain (6)	\$125,000	\$-	\$-
- Co Pilot	85,000	-	-
- Flt Eng/Other	-	-	-
- Benefits	63,000	-	-
Hangar - Typical	57,800	-	-
Insurance - Hull (7)	37,424	-	-
Admitted Liability	1,750	-	-
Legal Liability	17,250	-	-
Recurrent Training	47,600	-	-
Aircraft Modernization (8)	33,333	-	-
Navigation Chart Service	16,223	-	-
Refurbishing (9)	74,760	-	-
Computer Mx. Program (10)	8,000	-	-
Weather Service (11)	700	-	-
Other Fixed Costs	-	-	-
Mgmt Fee/Yr + Tax	-	-	-
Total Fixed Cost/Year	\$567,840	\$-	\$-

FOOTNOTES -

Size of Operation: 1 - 2 Aircraft

Date: 12/12/2008

Currency: \$

6. Crew Salary Source	07 NBAA		
Number of Crew	2	-	-
7. Ins Hull Value/Frac Share Cost	20,791,000	-	-
Hull Insurance Rate (%)	0.18	-	-
8. Modernization	10 Yr Avg		
9. Refurbish Labor Hrs/Seat	105	-	-
10. Comp. Mx Program Source	Typical		
11. Weather Service Source	Typical		



ANNUAL BUDGET

CL 300

Utilization - Nt. Miles	175,000	-	-
- Hours	423	-	-
Variable Cost	1,192,128	-	-
Fixed Cost	567,840	-	-
Total Cost (No Depreciation)	\$1,759,968	\$-	\$-
- Per Hour	4,161.00	-	-
- Per Nt. Mile	10.06	-	-
- Per Seat Nt. Mile	1.26	-	-
Total Cost (No Depreciation)	1,759,968	-	-
Book Depreciation (12)	2,079,100	-	-
Total Cost (Book Dep)	\$3,839,068	\$-	\$-
- Per Hour	9,076.00	-	-
- Per Nt. Mile	21.94	-	-
- Per Seat Nt. Mile	2.74	-	-
Total Cost (No Depreciation)	1,759,968	-	-
Market Depreciation (13)	831,640	-	-
Total Cost (Market Dep.)	\$2,591,608	\$-	\$-
- Per Hour	6,127.00	-	-
- Per Nt. Mile	14.81	-	-
- Per Seat Nt. Mile	1.85	-	-

Footnotes - Size of Operation: 1 - 2 Aircraft

Date: 12/12/2008

Currency: \$

12. Book Depreciation Rate	10% per yr	-	-
13. Market Depreciation Rate	4.00	-	-



GENERAL COMPARISON

CL 300

Cabin-Height (Ft.)	6.08	-	-
- Width	7.17	-	-
- Length	28.60	-	-
Cabin volume (Cu. Ft.)	860.00	-	-
Cabin Door Height (Ft.)	6.22	-	-
- Width	2.20	-	-
Baggage -Int. (Cu.Ft.)	106.00	-	-
- External	-	-	-
Typical Crew/Pass Seating	2/8		
Weight-Max Take-off (Lbs.)	38,850	-	-
- Maximum Landing	33,750	-	-
- Basic Operating	23,500	-	-
- Usable Fuel	14,045	-	-
Payload-Full Fuel (Lbs.)	1,455	-	-
- Maximum	3,500	-	-
Certified/IFR Certified	Yes/Yes		
Price - New (Corporate)/1000	20,791.00	-	-
- Pre Owned Rng/1000	22,000/26,000		
- Years Produced	2003 - to present		

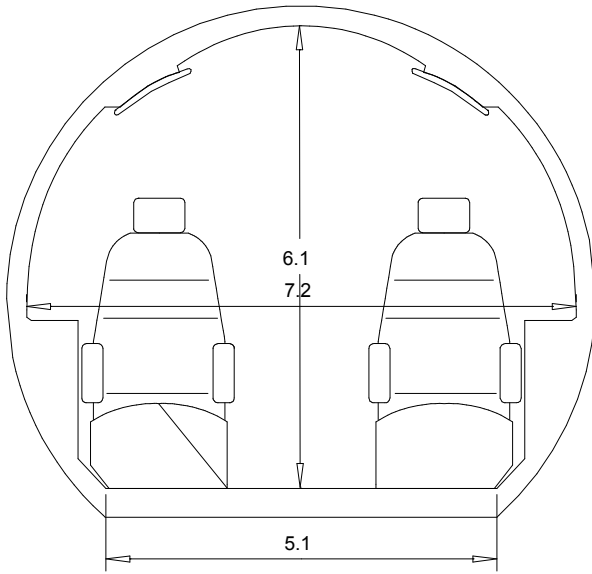
PERFORMANCE COMPARISON

CL 300

Range-NBAA IFR Res (N.Mi.)			
Seats Full	3,100	-	-
Ferry Range	3,335	-	-
Range-30 Min. Res (N.Mi.)			
Seats Full	-	-	-
Ferry Range	-	-	-
Balanced Field Length (Ft.)	4,810	-	-
Landing Distance - FAR 121	4,334	-	-
Rate Of Climb (Ft/Min)	4,240	-	-
- One Engine Out	474	-	-
Cruise Speed-Max (KTAS)	476	-	-
- Normal	459	-	-
- Long Range	459	-	-
Stall Speed (IAS)	89	-	-
Ceiling-Service MTOW (Ft.)	44,000	-	-
- Service OEI	27,800	-	-
- Hover IGE (Helicopter Only)	-	-	-
- Hover OGE (Helicopter Only)	-	-	-

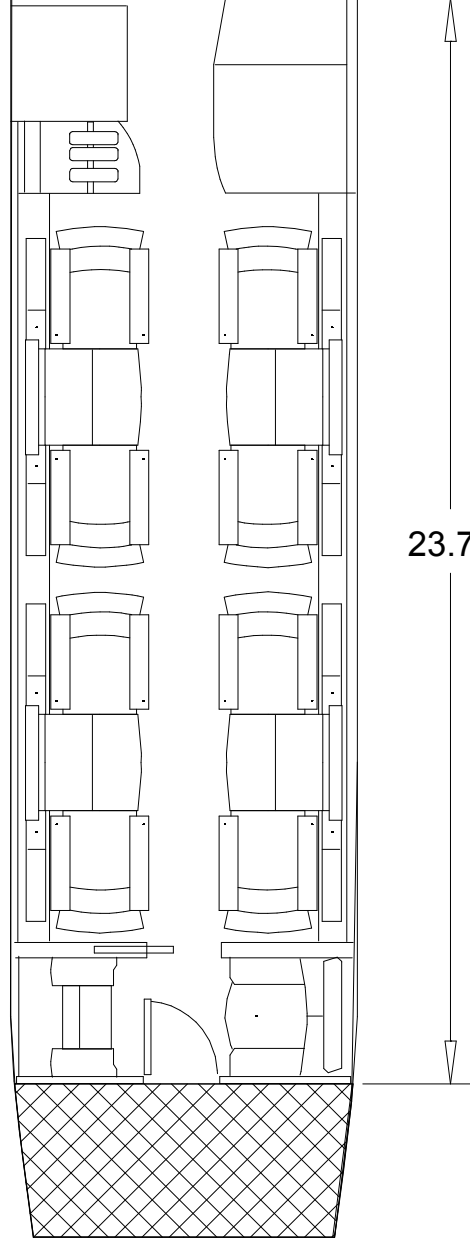
INTERIOR

Scale = 1:30



Challenger 300

Scale = 1:50

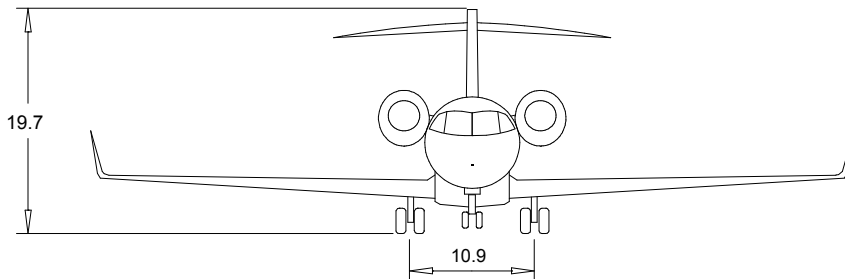
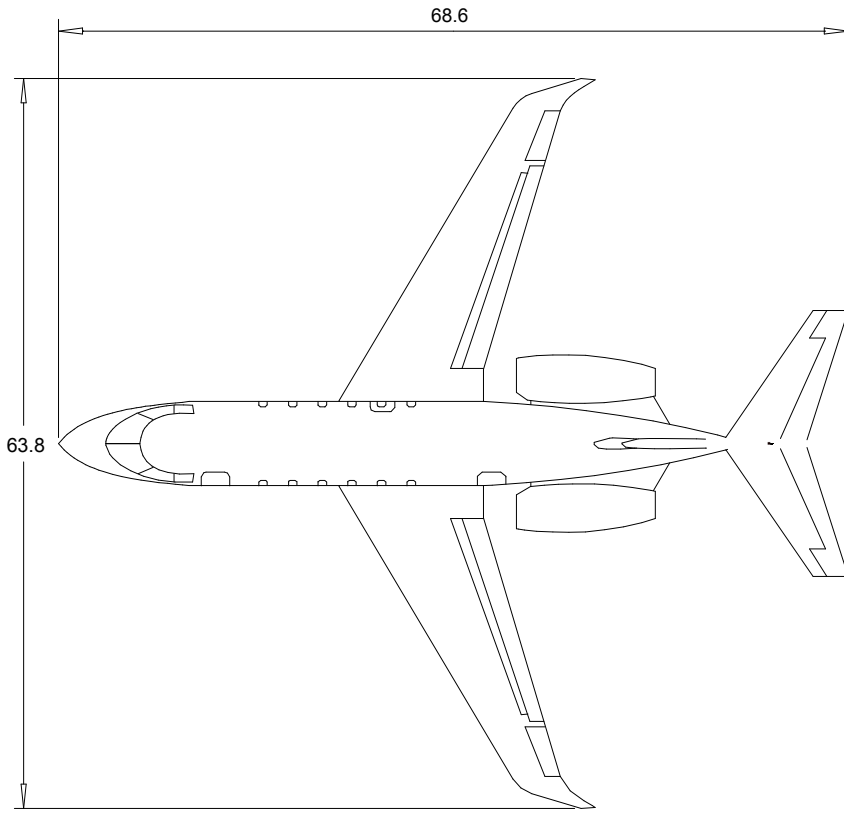
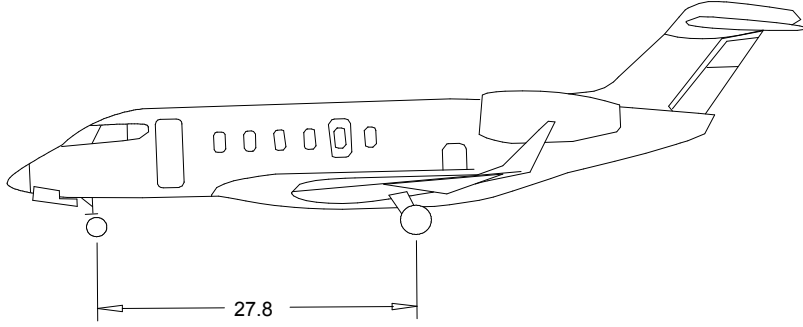


 - Baggage

All dimensions are measured in Feet unless otherwise specified.

EXTERIOR

Scale = 1:200



All dimensions are measured in Feet unless otherwise specified.