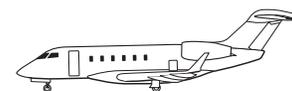
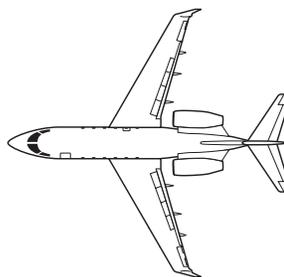


BOMBARDIER
CHALLENGER 300



GENERAL SPECIFICATIONS. PERFORMANCE. DIMENSIONS.

BOMBARDIER CHALLENGER 300



For a best-of-class value in the super-midsize business jet category, the Bombardier Challenger® 300 offers true transcontinental range combined with a full eight-passenger cabin. At operating costs comparable to midsize jets and a competitive price, the Challenger 300 delivers a first-rate working environment for travelers. With quick time-to-climb and full range capabilities, the Challenger 300 is able to rise rapidly above both weather and traffic.

GENERAL

Capacity

Crew: 2
 Passengers: 8-15
 (business/high-density interior)

Engines

Honeywell AS907 turbofans
 Thrust: 6,501 pounds (28.9 kN)
 Flat-rating: ISA + 15°C (86°F)

Avionics

- Collins Pro Line 21 four-tube EFIS
- EICAS
- TCASII
- EGPWS

PERFORMANCE

Range

Maximum range: 3,100 NM 3,567 SM 5,741 km
 (NBAA IFR Reserves, ISA, with 8 pax/2 crew and maximum fuel)

Speed

	Mach	kts.	mph	km/h
High-speed cruise	0.82	470	541	870
Typical cruise speed	0.80	459	528	850

Airfield Performance

Balanced field length
 (SL, ISA, MGTOW): 4,950 ft (1,509 m)
 Landing distance (SL, MLW): 2,600 ft (792 m)

Ceiling

Maximum operating altitude: 45,000 ft (13,716 m)
 Initial cruise altitude (MGTOW): 41,000 ft (12,497 m)

Noise Level

EPNdB

Takeoff: x*

Approach: x*

Sideline: x*

*Meets FAR part 36 stage 3

DIMENSIONS

External

Length:	68.67 ft (20.93 m)
Wingspan:	63.84 ft (19.46 m)
Wing area (basic):	522 ft ² (48.5 m ²)
Height overall:	20.33 ft (6.20 m)

Internal

Cabin length: (from cockpit divider to end of pressurized compartment)	28.6 ft (8.72 m)
Cabin maximum width: (centerline)	7.17 ft (2.19 m)
Cabin width: (floorline)	5.08 ft (1.55 m)
Cabin height:	6.08 ft (1.85 m)
Floor area: (excluding cockpit)	146 ft ² (13.56 m ²)
Cabin volume: (excluding cockpit and baggage)	860 ft ³ (24.35 m ³)

Weights

A. Maximum ramp weight:	37,650 lb (17,078 kg)
B. Maximum takeoff weight:	37,500 lb (17,010 kg)
C. Maximum landing weight:	33,750 lb (15,309 kg)
D. Maximum zero fuel weight:	25,350 lb (11,499 kg)
E. Spec. basic operating weight:	22,350 lb (10,138 kg)
F. Maximum fuel weight:	13,700 lb (6,214 kg)
Maximum payload (D-E):	3,000 lb (1,361 kg)
Payload - full fuel (A-E-F):	1,600 lb (726 kg)
Fuel with maximum payload:	12,300 lb (5,579 kg)