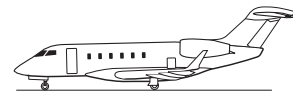
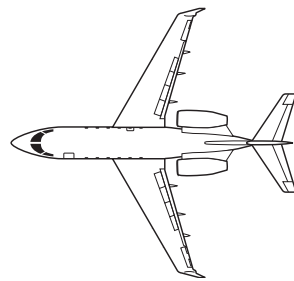
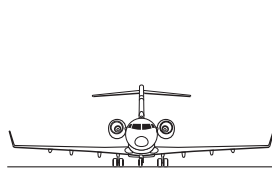


BOMBARDIER  
**CHALLENGER 300**



**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 Bombardier Challenger 300 delivers a first-rate working environment for travelers. With quick time-to-climb and full range capabilities, the Challenger 300 aircraft is able to rise rapidly above both weather and traffic.

## GENERAL

### Capacity

Crew: 2  
 Typical seating: 8 to 9  
 (Double club configuration)

### Engines

Honeywell HTF7000 turbofans  
 Thrust: 6,826 pounds (30.4 kN)  
 Flat-rating: ISA + 15°C (30°C / 86°F)

### Avionics

- Collins Pro Line 21 system with four LCD displays
- EICAS
- Maintenance Diagnostics Computer
- EGPWS / TCASII / ELT

## PERFORMANCE

### Range

Maximum range: 3,100 NM 3,568 SM 5,741 km  
 (Standard BOW, NBAA IFR Reserves, ISA, with 8 pax/2 crew and maximum allowable fuel)

### Speed

	Mach	kt	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): 4,810 ft (1,466 m)  
 Landing distance (SL, ISA, MLW): 2,600 ft (792 m)

### Ceiling

Maximum operating altitude: 45,000 ft (13,716 m)  
 Initial cruise altitude (MGTOW): 41,000 ft (12,496 m)

## DIMENSIONS

### External

Length: 68.63 ft (20.92 m)  
 Wingspan: 63.84 ft (19.46 m)  
 Wing area: 522 ft<sup>2</sup> (48.50 m<sup>2</sup>)  
 (basic)  
 Height overall: 20.33 ft (6.20 m)

### Internal

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

### Weights

A. Maximum ramp weight: 39,000 lb (17,690 kg)  
 B. Maximum takeoff weight: 38,850 lb (17,622 kg)  
 C. Maximum landing weight: 33,750 lb (15,309 kg)  
 D. Maximum zero fuel weight: 27,000 lb (12,247 kg)  
 E. Standard basic operating weight\*: 23,500 lb (10,659 kg)  
 F. Maximum fuel weight: 14,150 lb (6,418 kg)  
 Maximum payload (D-E): 3,500 lb (1,588 kg)  
 Payload - full fuel (A-E-F): 1,350 lb (612 kg)  
 Fuel with maximum payload: 12,000 lb (5,443 kg)

\* Includes interior, paint, 2 crew + operating items.

BOMBARDIER AEROSPACE  
 BUSINESS AIRCRAFT

400 CÔTE-VERTU ROAD WEST  
 DORVAL, QUÉBEC, CANADA H4S 1Y9  
 IN NORTH AMERICA  
 CALL 800-268-0030

ELSEWHERE CALL 514-855-7698  
 WWW.AERO.BOMBARDIER.COM

PERFORMANCE IS BASED ON MAXIMUM TAKEOFF/LANDING WEIGHT, SEA LEVEL, STANDARD DAY (ISA) CONDITIONS, UNLESS OTHERWISE NOTED.

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