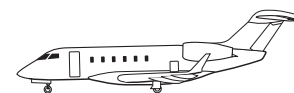
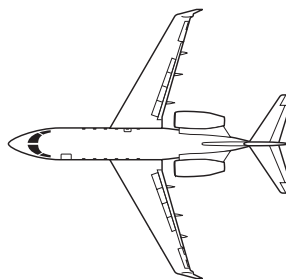
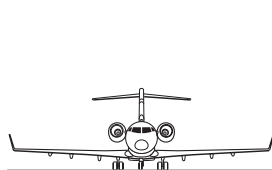


BOMBARDIER
CHALLENGER 300



GENERAL SPECIFICATIONS. PERFORMANCE. DIMENSIONS.



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 ft² (48.5 m²)
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 ft² (13.56 m²)
(excluding cockpit)
Cabin volume: 860 ft³ (24.35 m³)
(excluding cockpit and baggage)

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)

BOMBARDIER AEROSPACE
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ALL PERFORMANCE SPECIFICATIONS ARE SUBJECT TO CHANGE
PENDING AIRCRAFT CERTIFICATION.
PERFORMANCE IS BASED ON MAXIMUM TAKEOFF/LANDING
WEIGHT, SEA LEVEL, STANDARD DAY (ISA) CONDITIONS,
UNLESS OTHERWISE NOTED.

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