

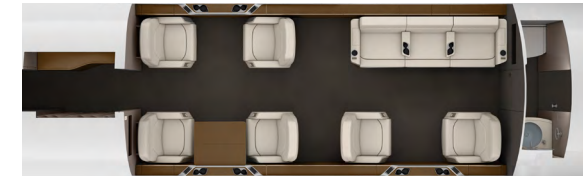
Challenger 650



BOMBARDIER



Challenger 650



Smooth ride

The Challenger 650 aircraft's wing was designed to provide you with a smooth ride from takeoff to touchdown.



#1 in deliveries

The best-selling large business jet platform of all time with over 1,000 deliveries and counting.



Widest-in-class cabin

Larger seats, the highest sleeping capacity in its class and the space to move around freely. Others simply don't measure up.



Fastest connectivity

Available Ka-band high-speed internet connectivity will keep you connected at all times.



Lowest direct operating costs

Low parts costs, long maintenance intervals and superior fuel efficiency make the Challenger 650 the aircraft of choice among corporate flight departments and charter operators.



Highest reliability

With an industry-leading dispatch reliability of over 99.9 percent, the Challenger 650 platform was designed to deliver on safety and peace of mind.

GENERAL

CAPACITY

Passengers: Up to 12

ENGINES

GE CF34-3B MTO

Thrust: 9,220 lbf (41kN)

Flat rated to ISA + 15°C

CABIN TECHNOLOGY

- Ka-band internet hardware available
- Blu-ray, HDMI and Wi-Fi

AVIONICS

- Collins Aerospace Advanced avionics suite with four large displays
- Dual Flight Management System with LPV and RNP approach capabilities
- Synthetic Vision System (SVS)
- MultiScan weather radar
- Dual Inertial Reference System (IRS)
- Dual SBAS/WAAS GPS
- Available Head-Up Display (HUD) and Enhanced Vision System (EVS)

PERFORMANCE

RANGE

Maximum range⁽¹⁾ 4,000 nm 7,408 km

SPEED

Top speed MACH 0.85

High speed cruise 0.82

Typical cruise speed 0.80

AIRFIELD PERFORMANCE

Takeoff distance (SL, ISA, MTOW) 5,640 ft 1,720 m

Landing distance (SL, ISA, typical) 2,402 ft 732 m

OPERATING ALTITUDE

Maximum operating altitude 41,000 ft 12,497 m

DIMENSIONS

INTERIOR

Cabin height 6 ft 0 in 1.83 m

Cabin width 7 ft 11 in 2.41 m

Cabin length⁽²⁾ 25 ft 7 in 7.80 m

EXTERIOR

Length 68 ft 5 in 20.9 m

Wingspan 64 ft 4 in 19.6 m

Wing area 489 ft² 45.4 m²

Height 20 ft 8 in 6.3 m

For more information, please visit businessaircraft.bombardier.com

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