

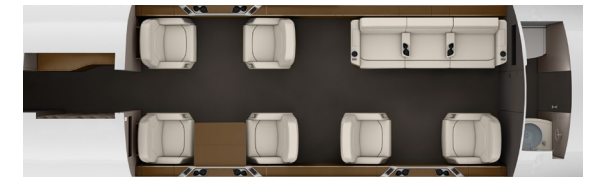
Challenger 650



BOMBARDIER



Challenger 650



GENERAL

CAPACITY

Passengers: Up to 12

ENGINES

GE CF34-3B MTO

Thrust: 9,220 lbf (41kN)

Flat rated to ISA + 15°C

AVIONICS

- Rockwell Collins 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

PERFORMANCE

RANGE

Maximum range⁽¹⁾ 4,000 nm 7,408 km

SPEED

	MACH
Top speed	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

Initial cruise altitude (MTOW) 37,000 ft 11,278 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 ft ²	45.4 m ²
Height	20 ft 8 in	6.3 m

WEIGHTS

Maximum ramp weight	48,300 lb	21,909 kg
Maximum takeoff weight	48,200 lb	21,863 kg
Maximum landing weight	38,000 lb	17,237 kg
Maximum zero fuel weight	32,000 lb	14,515 kg
Basic operating weight	27,150 lb	12,315 kg
Maximum fuel weight	20,000 lb	9,072 kg
Maximum payload	4,850 lb	2,200 kg



Smooth ride

The Challenger 650 aircraft's wing was designed to provide you with a restful flight experience.



Widest-in-class cabin

Larger seats, bigger monitors and the space to move around freely. Others simply don't measure up.



NextGen ready

The best equipped cockpit in its class and available Ka-band high-speed internet connectivity ensure you are always ahead of what's next.



Lowest direct operating costs

With class-leading economics, the Challenger 650 is the aircraft of choice among corporate flight departments and charter operators.



Most reliable by design

Count on this. With over 5 million flight hours, the Challenger 650 platform was designed to deliver on safety and peace of mind.



#1 in deliveries

Most successful large business jet platform of all time.

For more information, please visit

businessaircraft.bombardier.com

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