

# 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

### 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<sup>(1)</sup> 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

## DIMENSIONS

### INTERIOR

Cabin height	6 ft 0 in	1.83 m
Cabin width	7 ft 11 in	2.41 m
Cabin length <sup>(2)</sup>	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 <sup>2</sup>	45.4 m <sup>2</sup>
Height	20 ft 8 in	6.3 m



### 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.

For more information, please visit [businessaircraft.bombardier.com](https://businessaircraft.bombardier.com)

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