

Bombardier Challenger 3500



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Redefine how you fly

From the tranquility of its smooth ride to our patented Nuage zero gravity seats, experience our Challenger 3500 aircraft's widest-in-class cabin comfort and elevate your journey.

Ahead of the curve

From voice control and haptic touch technology to immersive directional audio and the largest cabin display in its class, our best-equipped Challenger 3500 puts cutting edge technology at your lips and fingertips.

Perform at your peak

Our Challenger 3500 delivers the ultimate combination of speed, range and comfort with the lowest direct operating costs in its class for top-of-the-line performance that's easy on your bottom line.

#1 in product support

Bombardier is rated number one in the industry for product support[1], delivering the best customer service and support for your peace of mind.

Committed to your ascent

Depended upon by the world's top corporate flight departments, our best-selling Challenger 3500 aircraft offers an industry-leading 99.8% reliability for a jet that's engineered to work as hard as you do.

Equipped to exhilarate

Step inside our best-equipped cockpit and enter a world of exhilarating performance. Featuring sleek, sports car-like styling, our Challenger 3500 can dispatch in as little as 7 minutes.

For more information, please visit **bombardier.com**

GENERAL

CAPACITY

Passengers: Up to 10

ENGINES

Honeywell HTF7350 turbofans
Thrust: 7,323 lbf (33 kN)
Flat rated to ISA + 15°C

CABIN TECHNOLOGY

- Industry's first voice-controlled cabin
- Largest 4K display in its class
- Wireless phone chargers
- Baseline cabin connectivity
- Ka-band and 4G ATG internet ready

AVIONICS

- Bombardier Vision flight deck with four large avionics displays
- Autothrottle system
- Available Head-up Display (HUD) with Enhanced Vision System (EVS)
- 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

PERFORMANCES

RANGE

Maximum range[2]	3,400 nm	6,297 km

SPEED

	MACH
Top speed	0.83
High speed cruise	0.82
Typical cruise speed	0.80

AIRFIELD PERFORMANCE

Takeoff distance (SL, ISA, MTOW)	4,835 ft	1,474 m
Landing distance (SL, ISA, typical)	2,364 ft	721 m

OPERATING ALTITUDE

Maximum operating altitude	45,000 ft	13,716 m
Initial cruise altitude (MTOW)	43,000 ft	13,106 m

DIMENSIONS

INTERIOR

Cabin height	6 ft 0 in	1.83 m
Cabin width	7 ft 2 in	2.19 m
Cabin length[3]	25 ft 2 in	7.68 m

EXTERIOR

Length	68 ft 8 in	20.9 m
Wingspan	69 ft 0 in	21.0 m
Height	20 ft 0 in	6.1 m

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