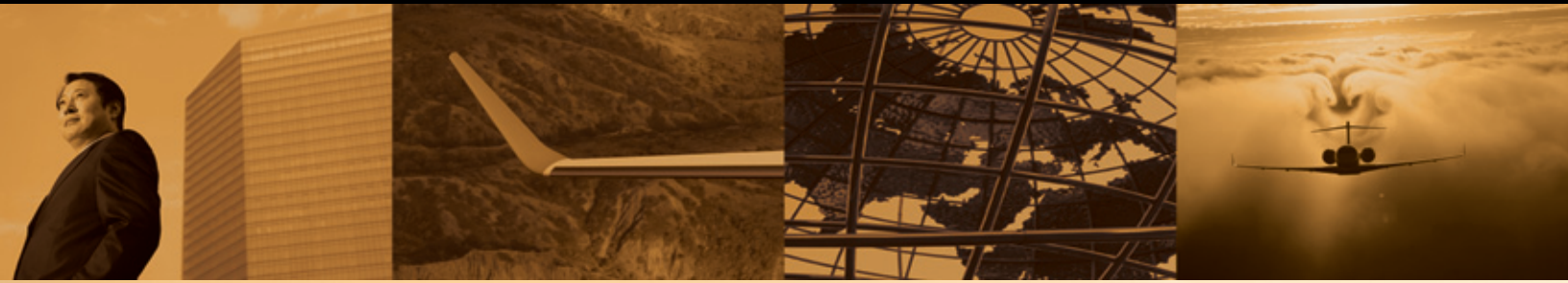


BOMBARDIER  
**GLOBAL** 8000



# BOMBARDIER GLOBAL 8000



The new Bombardier\* Global\* 8000 business jet is at the forefront of business aviation with an unparalleled combination of cabin comfort and an unprecedented range capability. Achieving a remarkable 7,900 nm range at Mach 0.85 with 8 passengers\*\*, the Global 8000 promises faster connections and opens key routes such as LA-Sydney, Hong Kong-New York, and Mumbai-New York. Next-generation GE engines developed for this aircraft set the new standard for efficiency, with the lowest fuel burn and lowest emissions in its class.

- 7,900 nm range at Mach 0.85 with 8 passengers\*\* and an unsurpassed Mach 0.90 high-speed cruise capability
- Largest and most comfortable cabin in its class
- Next-generation GE engines deliver more efficiency with low fuel burn and low emissions.

## GENERAL

### Capacity

Crew: 2-4

Passengers: 8-19

### Engines

Next-generation GE engines

Thrust: 16,500 lb (73.4 kN)

Flat rated to: ISA + 20°C (95°F)

### Avionics and Cabin Communication

- Global Vision Flight Deck
- Four Large Liquid Crystal Display (LCD) Screens
- Head-Up Display System (HUD), Enhanced Vision System (EVS) and Synthetic Vision System (SVS)
- Graphical Flight Planning
- Weather Radar with enhanced functionality like windshear detection
- Latest Performance Based Navigation:
  - Wide Area Augmentation System (WAAS)
  - LPV Approach
  - RNAV, En-route RNP & RNP AR Approaches
- Controller Pilot Data Link Communication (CPDLC)
- Onboard Maintenance System (OMS)
- Datalink, High Speed SATCOM
- Next Generation Cabin Management System (CMS)

## PERFORMANCE

### Range

At M 0.85:  
7,900 NM      9,098 SM      14,631 km

At M 0.90:  
5,650 NM      6,507 SM      10,464 km

(Theoretical range with NBAA IFR Reserves, ISA, 8 pax/4 crew. Actual range will be affected by speed, weather, selected options and other factors.)

### Speed

	Mach	kt	mph	km/h
High-speed	0.90	517	594	957
Typical cruise speed	0.85	488	564	907

### Airfield Performance

Takeoff distance (SL, ISA, MTOW):  
5,800 ft (1,768 m)

Landing distance (SL, ISA, MLW):  
2,810 ft (856 m)

### Operating Altitude

Maximum operating altitude:  
51,000 ft (15,545 m)

Initial cruise altitude after  
MTOW departure:  
43,000 ft (13,106 m)

## DIMENSIONS

### Exterior

Length: 101.6 ft (30.97 m)

Wingspan: 104.3 ft (31.79 m)

Height overall: 26.7 ft (8.14 m)

### Interior

Cabin length: 50.6 ft (15.42 m)  
(from cockpit divider to end of pressurized compartment)

Cabin maximum width: 8.17 ft (2.49 m)  
(centerline)

Cabin width: 6.92 ft (2.11 m)  
(floorline)

Cabin height: 6.25 ft (1.91 m)  
(vary with interior selection)

Cabin volume: 2,236 ft<sup>3</sup> (63.32 m<sup>3</sup>)

### Weights

A. Maximum ramp weight:  
105,050 lb (47,650 kg)

B. Maximum take off weight:  
104,800 lb (47,536 kg)

C. Maximum landing weight:  
85,800 lb (38,918 kg)

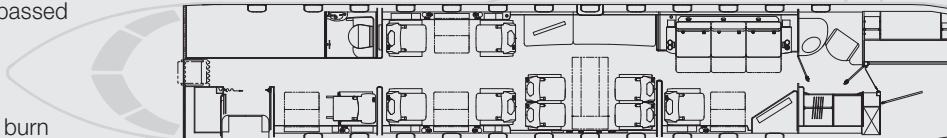
D. Maximum zero fuel weight:  
60,000 lb (27,216 kg)

E. Standard basic operating weight: 54,300 lb (24,630 kg)  
(vary with interior selection)

F. Maximum fuel weight:  
48,950 lb (22,203 kg)

Maximum payload (D-E):  
5,700 lb (2,585 kg)

Payload - maximum fuel (A-E-F):  
1,800 lb (817 kg)



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