BOMBARDIER

GLOBAL 5000

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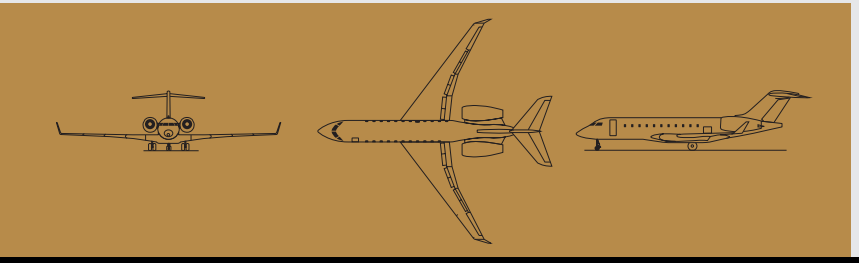
Providing the widest and most spacious cabin among super-large business jets, the powerful, versatile Bombardier* Global 5000* offers an impressive combination of speed and performance plus unprecedented cabin productivity. With its extraordinary short-field performance and transcontinental range, this super-large jet can carry world leaders to more places faster than any other in its class. All in the luxury of corporate aviation's most comfortable and 'business connected' cabin.

- Faster and more short-field capable than any other in its class
- Cabin that leads all others in space, luxury and productivity
- Innovative flight deck environment combines cutting-edge technology and advanced design



GENERAL

Capacity

Crew: 2-3

Passengers: 8-17
(business/high-density interior)

Engines

Rolls-Royce Deutschland BR710A2-20 turbofans

Thrust: 14,750 lb (65.6 kN)

Flat rated to: ISA + 20°C (95°F)

Avionics and Cabin Communication

- Rockwell Collins Pro Line Fusion avionics suite
- Four 15.1-inch (38.4 cm) Liquid Crystal Display (LCD) screens
- Head-Up Guidance System (HGS), Enhanced Vision System (EVS) and Synthetic Vision System (SVS)
- Onboard Maintenance System (OMS)
  - Advanced diagnostic and trouble-shooting tool integrated with most aircraft systems: available on Multi-Function Display or for download onto a portable computer.
  - Available both on the ground and in flight, OMS minimizes troubleshooting workload and reduces aircraft downtime
- Datalink, SATCOM: triple channel Inmarsat, single channel Iridium
- Ethernet-based Cabin Electronic System with on-board Local Area Network
- Single channel high-speed data, printer/fax

PERFORMANCE

Range

At M 0.85: 5,200 NM 9,630 km

(Theoretical range with NBAA IFR Reserves, ISA, 8 pax/3 crew. Actual range will be affected by speed, weather, selected options and other factors.)

Speed	Mach	kt	mph	km/h
High-speed	0.89	513	590	950
Typical cruise speed	0.85	488	562	904

Airfield Performance

Takeoff distance (SL, ISA, MTOW): 5,540 ft (1,689 m)

Landing distance (SL, ISA, MLW): 2,670 ft (814 m)

Operating Altitude

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

Relative cabin pressure altitude at 45,000 ft (13,716 m): 4,500 ft (1,371 m)

Noise Level (EPNdB)

Flyover: 80.1

Approach: 88.2

Lateral: 89.7

DIMENSIONS

Exterior

Length: 96.8 ft (29.5 m)

Wingspan: 94 ft (28.6 m)

Wing area: 1,022 ft^2 (94.9 m^2)
(basic)

Height overall: 25.5 ft (7.7 m)

Interior

Cabin length: 42.47 ft (12.94 m)
(from start of forward lavatory to end of pressurized compartment)

Cabin 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)

Floor area: 317 ft^2 (29.4 m^2)
(excluding cockpit)

Cabin volume: 1,882 ft^3 (53.29 m^3)
(from start of forward lavatory to end of pressurized compartment)

Weights

A. Maximum ramp weight: 92,750 lb (42,071 kg)

B. Maximum takeoff weight: 92,500 lb (41,957 kg)

C. Maximum landing weight: 78,600 lb (35,652 kg)

D. Maximum zero fuel weight: 56,000 lb (25,401 kg)

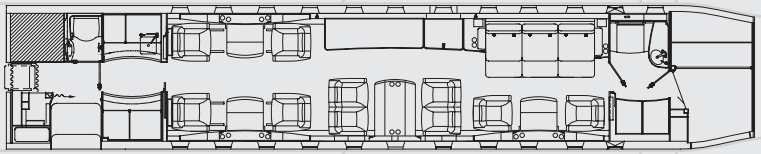
E. Typical basic operating weight: 50,840 lb (23,061 kg)

F. Maximum fuel weight: 39,250 lb (17,804 kg)

Maximum payload (D-E): 5,160 lb (2,341 kg)

Payload - maximum fuel (A-E-F): 2,660 lb (1,207 kg)

Fuel for executive mission (8 pax/3 crew): 38,800 lb (17,599 kg)



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Performance is based on maximum takeoff/landing weight, sea level, standard day (ISA) conditions, unless otherwise noted. All data in this document is approximate, for discussion purposes only and may be subject to certain conditions. This document does not constitute an offer, commitment, representation or warranty of any kind. All data is subject to change without prior notice. The interior images shown are for information purposes only and may represent some optional configurations. The final configuration and performance of the aircraft shall be as per the contractually agreed upon purchase agreement.

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