

BOMBARDIER
GLOBAL 5000

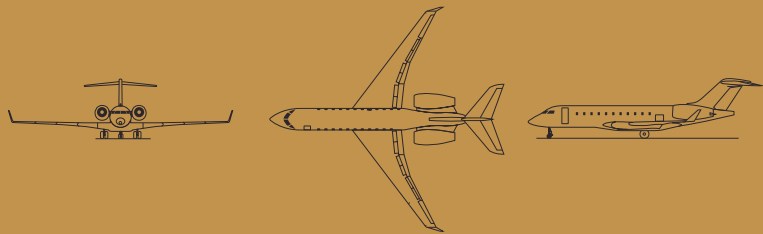


BOMBARDIER GLOBAL 5000



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 troubleshooting 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:
4,800 NM 5,524 SM 8,889 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	564	907

Airfield Performance

Takeoff distance (SL, ISA, MTOW):
5,000 ft (1,524 m)

1,000 NM mission (SL, ISA):
2,743 ft (836 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: 79.9

Approach: 89.7

Lateral: 89.1

DIMENSIONS

Exterior

Length: 96.8 ft (29.5 m)

Wingspan: 94 ft (28.6 m)

Wing area: 1,022 ft² (94.9 m²)
(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 ft² (29.4 m²)
(excluding cockpit)

Cabin volume: 1,882 ft³ (53.29 m³)
(from start of forward lavatory to end of pressurized compartment)

Weights

A. Maximum ramp weight:
87,950 lb (39,893 kg)

B. Maximum takeoff weight:
87,700 lb (39,780 kg)

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

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

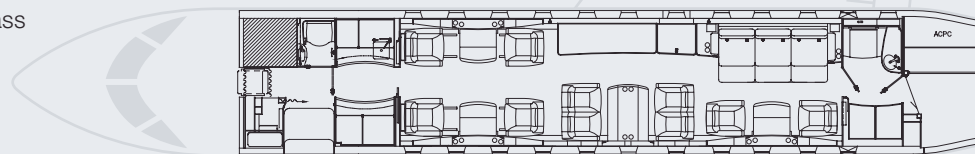
E. Basic operating weight:
50,830 lb (23,056 kg)

F. Maximum fuel weight:
36,000 lb (16,329 kg)

Maximum payload (D-E):
5,170 lb (2,345 kg)

Payload - maximum fuel (A-E-F):
1,120 lb (508 kg)

Fuel for executive mission
(8 pax/3 crew): 35,520 lb (16,112 kg)



Bombardier Aerospace, Business Aircraft, 400 Côte-Vertu Road West, Dorval, Québec, Canada H4S 1Y9
In North America call 800-268-0030 • Elsewhere call 514-855-7698 • www.businessaircraft.bombardier.com

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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