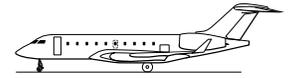
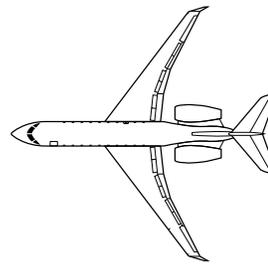


BOMBARDIER
GLOBAL 5000



GENERAL SPECIFICATIONS. PERFORMANCE. DIMENSIONS.

BOMBARDIER GLOBAL 5000



Providing the widest and most spacious cabin among super-large business jets, the high-speed intercontinental Bombardier Global 5000 is capable of flying non-stop from continental Europe to central North America at Mach 0.85 with eight passengers and three crew. Designed to execute transcontinental missions at a brisk Mach 0.89 – faster than any competing jet – and offering a best-in-class balanced field length, it will fly executives and government leaders to and out of airfields closer to their point of business than any other widebody business jet.*

GENERAL

Capacity

Crew (min/typical):	2-3
Passengers: (business/high-density interior)	8-19

Engines

Rolls-Royce Deutschland BR710A2-20 turbofans
 Thrust: 14,750 pounds (65.6 kN) thrust at takeoff
 Flat-rating: ISA + 20°C (95°F)

Avionics

- Honeywell Primus 2000XP avionics suite
- Central Aircraft Information Maintenance System (CAIMS)
 - Advanced diagnostic and troubleshooting tool integrated with major aircraft systems
 - Available both on the ground and in flight, CAIMS minimizes troubleshooting workload and reduces aircraft downtime
- Head-up flight display system
- TCAS 2000, EGPWS, GPS
- SATCOM, telephone/fax, datalink, on-board local area network

PERFORMANCE

Range

Maximum range
 at M 0.85: 4,800 NM 5,524 SM 8,889 km
 (NBAA IFR Reserves, ISA, with 8 pax/3 crew)

Speed

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

Airfield Performance

Balanced field length
 (SL, ISA, MGTOW): 5,000 ft (1,524 m)
 Landing distance (SL, ISA, MLW): 2,700 ft (823 m)

Ceiling

Maximum operating altitude: 51,000 ft (15,545 m)
 Climb to cruise altitude
 of 43,000 ft (13,106 m): 25 minutes

DIMENSIONS

External

Length:	96.75 ft (29.49 m)
Wingspan:	94 ft (28.65 m)
Wing area: (basic)	1,022 ft ² (94.94 m ²)
Height overall:	24.83 ft (7.57 m)

Internal

Cabin length: (from start of forward lavatory to end of pressurized compartment)	42.5 ft (12.95 m)
Cabin maximum width: (centerline)	8.17 ft (2.49 m)
Cabin width: (floorline)	6.92 ft (2.11 m)
Cabin height:	6.25 ft (1.91 m)
Floor area: (excluding cockpit)	294 ft ² (27.31 m ²)
Total volume: (from start of forward lavatory to end of pressurized compartment)	1,882 ft ³ (53.29 m ³)

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. Spec. basic operating weight:	50,350 lb (22,838 kg)
F. Maximum fuel weight:	36,000 lb (16,329 kg)
Maximum payload (D-E):	5,650 lb (2,563 kg)
Payload - full fuel (A-E-F):	1,600 lb (726 kg)
Fuel with maximum payload:	31,950 lb (14,492 kg)