

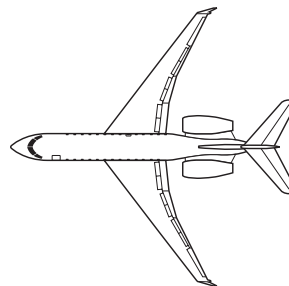
BOMBARDIER
GLOBAL EXPRESS



GENERAL SPECIFICATIONS. PERFORMANCE. DIMENSIONS.



The Bombardier Global Express® is the only business jet engineered specifically to provide precious time savings in the most comfortable and productive cabin environment. With a full payload of eight passengers and four crewmembers, it can travel 6,010 nautical miles (11,131 km) at a cruise speed of Mach 0.85 (562 mph; 904 km/h) and can fly at speeds up to Mach 0.89 (590 mph; 950 km/h). Certified to stringent regulations by both European (JAA) and North American (FAA and Transport Canada) airworthiness authorities, the aircraft flies faster, farther, than any other business aircraft and accesses the most challenging airfields.



GENERAL

Capacity

Crew (min/typical):	2-4
Passengers:	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

PERFORMANCE

Range

Maximum range
at M 0.85: 6,010 NM 6,916 SM 11,131 km
(NBAA IFR Reserves, ISA, with 8 pax/4 crew and maximum fuel)

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): 5,820 ft (1,774 m)
Landing distance (SL, ISA, MLW): 2,670 ft (814 m)

Ceiling

Maximum operating altitude: 51,000 ft (15,545 m)
Climb to cruise altitude of 43,000 ft (13,106 m): 30 minutes

Noise Level

EPNdB

Takeoff:	82.4
Approach:	89.8
Sideline:	88.6

Cabin noise level (avg fleet): 51.8 db(SIL)/69.4 dbA

DIMENSIONS

External

Length:	99.42 ft (30.30 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)	48.33 ft (14.73 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)	335 ft ² (31.12 m ²)
Total volume: (from start of forward lavatory to end of pressurized compartment)	2,140 ft ³ (60.6 m ³)

Weights

A. Maximum ramp weight:	95,250 lb (43,205 kg)
B. Maximum takeoff weight:	95,000 lb (43,091 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:	50,300 lb (22,816 kg)
F. Maximum fuel weight:	43,350 lb (19,663 kg)
Maximum payload (D-E):	5,700 lb (2,586 kg)
Payload - full fuel (A-E-F):	1,600 lb (726 kg)
Fuel with maximum payload:	39,250 lb (17,804 kg)
Also available: 96,250 lb maximum ramp weight and 96,000 lb maximum takeoff weight	
Also available: 98,250 lb maximum ramp weight and 98,000 lb maximum takeoff weight	