# GLOBAL EXPRESS



GENERAL SPECIFICATIONS. PERFORMANCE. DIMENSIONS.

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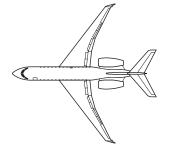


The Bombardier\* Global\* Express is the only business jet engineered specifically to provide precious time savings in the most comfortable and productive cabin environment. With a full payload of eight passengers and four crewmembers, it can travel 6,010 nautical miles (11,131 km) at a cruise speed 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.

**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.AERO.BOMBARDIER.COM

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#### 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
- Advanced diagnostic and troubleshooting tool integrated with most aircraft systems
- Available both on the ground and in flight, CAIMS minimizes troubleshooting workload and reduces aircraft downtime
- Head-up Flight Display System
- 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

5,820 ft (1,774 m) (SL, ISA, MGTOW): 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 30 minutes 43,000 ft (13,106 m):

#### 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: 1,022 ft2 (94.94 m2)

(basic)

Height overall: 24.83 ft (7.57 m)

#### Internal

Cabin length: 48.33 ft (14.73 m) (from start of forward lavatory to end of pressurized compartment)

Cabin maximum width:

8.17 ft (2.49 m) (centerline)

6.92 ft (2.11 m)

335 ft<sup>2</sup> (31.12 m<sup>2</sup>)

Cabin width: (floorline)

Cabin height: 6.25 ft (1.91 m)

Floor area:

(excluding cockpit) Total volume: 2,140 ft3 (60.60 m3)

(from start of forward lavatory to end of pressurized

compartment)

# 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

