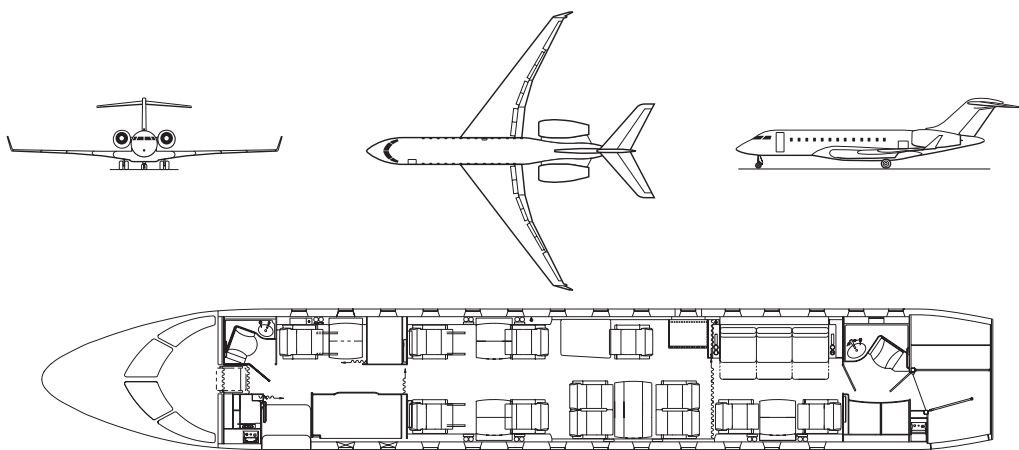


BOMBARDIER
GLOBAL EXPRESS^{XRS}



GENERAL SPECIFICATIONS. PERFORMANCE. DIMENSIONS.

The new Bombardier* Global* Express XRS ultra long-range business jet provides the ultimate in cabin and performance. It will offer unmatched levels of comfort and productivity to both passengers and crew, while connecting more cities faster than any jet in its category. Bombardier has made the best cabin in its class even better by adding more windows to allow for more natural light and improved viewing angles. Improved cabin pressurization reduces in-flight fatigue. The Global Express XRS will travel up to 6,150 nautical miles (11,390 km) at a cruise speed of Mach 0.85, and 5,450 nm (10,093 km) at Mach 0.87 – faster, farther than any other aircraft in its category, guaranteed. Leading technology on its Enhanced Vision System helps pilots navigate unfamiliar airports with unwavering confidence.



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
- Head-up Flight Display System, BEVS - Bombardier 2nd generation EVS
- Central Aircraft Information Maintenance System (CAIMS)
 - Advanced diagnostic and troubleshooting tool integrated with most aircraft systems
 - Available both on the ground and in flight
- SATCOM, 2 x HSD Communication channels
- Printer/Fax, Datalink

PERFORMANCE

Range

Maximum range				
at M 0.85:	6,150 NM	7,077 SM	11,390 km	
at M 0.87:	5,450 NM	6,272 SM	10,093 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):	6,190 ft (1,887 m)
1,000 NM mission (SL, ISA):	2,776 ft (846 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
Cabin pressure altitude 45,000 ft (13,716 m):	4,500 ft (1,372 m)

Noise Level

EPNdB	
Takeoff:	83.4
Approach:	89.8
Sideline:	88.4
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)
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 (60.60 m ³)

Weights

A. Maximum ramp weight:	98,250 lb (44,565 kg)
B. Maximum takeoff weight:	98,000 lb (44,452 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:	51,500 lb (23,360 kg)
F. Maximum fuel weight:	44,975 lb (20,400 kg)
Payload - full fuel (A-E-F):	1,775 lb (805 kg)