

BOMBARDIER
GLOBAL EXPRESS XRS



The most accomplished and luxurious business jet ever brought to market, the Bombardier Global Express XRS was created to accommodate the needs of the most sophisticated and discerning travelers. Uncompromising throughout, from the superiority of its leading edge flight deck environment, to the sheer tranquility of its aft stateroom, the Bombardier Global Express XRS is the ultimate all-around performance business jet, designed to keep the world in the palm of your hand.

- Leading the world in sheer space, luxury and peace of mind
- Technology at the cutting edge of corporate aviation
- A spacious cabin with a well-appointed aft stateroom and its own adjoining amenities, accords optimal relaxation and privacy

GENERAL

Capacity

Crew: 2-4

Passengers: 8-19
(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), 3rd generation 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 (LAN) and wireless LAN
- Dual channel high-speed data, printer/fax

PERFORMANCE

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

(Theoretical range with NBAA IFR Reserves, ISA, 8 pax/4 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):
6,190 ft (1,887 m)

1,000 NM mission (SL, ISA):
2,755 ft (840 m)

Landing distance (SL, ISA, MLW):
2,670 ft (814 m)

Operating Altitude

Maximum operating altitude:
51,000 ft (15,545 m)

Initial cruise altitude after
MTOW departure:
41,000 ft (12,497 m)

Relative cabin pressure altitude
at 45,000 ft (13,716 m): 4,500 ft (1,371 m)

Noise Level (EPNdB)

Flyover: 83.4

Approach: 89.8

Lateral: 88.4

DIMENSIONS

Exterior

Length: 99.4 ft (30.3 m)

Wingspan: 94 ft (28.6 m)

Height overall: 25.5 ft (7.7 m)

Interior

Cabin length: 48.35 ft (14.7 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: 335 ft² (31.1 m²)
(excluding cockpit)

Cabin volume: 2,140 ft³ (60.6 m³)
(from start of forward lavatory to end of pressurized compartment)

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)

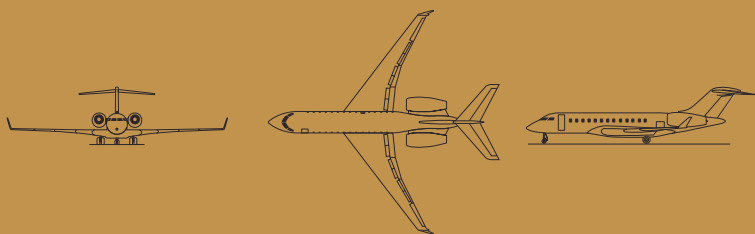
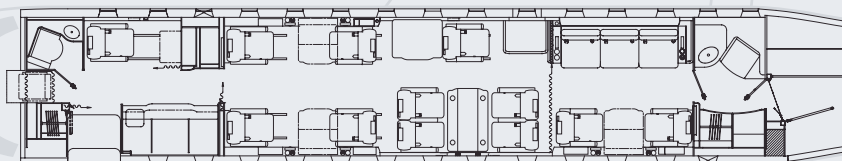
D. Maximum zero fuel weight:
56,000 lb (25,401 kg)

E. Basic operating weight:
51,200 lb (23,224 kg)

F. Maximum fuel weight:
44,975 lb (20,400 kg)

Maximum payload (D-E):
4,800 lb (2,177 kg)

Payload - maximum fuel (A-E-F):
2,075 lb (941 kg)



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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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