



BOMBARDIER
LEARJET 40XR





Outpacing the competition with its enhanced engine performance, the Bombardier Learjet 40 XR business jet rockets to 51,000 feet (15,545 m) soaring above traffic and bad weather. Fully fueled it flies 7 passengers to their destinations faster than any competing jet, all in the comfort of the tallest, widest and longest cabin in its class.

- Best-in-class high-speed cruise and exceptional time-to-climb performance
- Enhanced Honeywell TFE731-20-BR engines deliver superior hot & high performance with significantly shorter takeoff distances
- Premium light jet comfort and cabin functionality

GENERAL

Capacity

Crew: 2

Passengers: Up to 6 + 1

Engines

Honeywell TFE731-20-BR

Thrust: 3,500 lb (15.56 kN)

Flat rated to: ISA + 25°C (104°F)

Avionics

- Honeywell Primus 1000 four-tube EFIS
- Engine Instrument/Crew Alerting System (EICAS)
- Honeywell Primus 660 weather radar
- Dual Primus II nav/comm systems
- Traffic Collision Avoidance System (TCAS 2000)
- Enhanced Ground Proximity Warning System (EGPWS) with Windshear Alert
- Emergency Locator Transmitter (ELT)
- Flight Management System (FMS)

PERFORMANCE

Range

Maximum range:

1,808 NM 2,081 SM 3,348 km

(IFR Reserves, ISA, with 4 pax/2 crew)

Speed Mach kt mph km/h

High-speed 0.81 465 535 861

Typical cruise speed 0.81 465 535 861

Long-range speed 0.75 432 497 800

Airfield Performance

Takeoff distance (SL, ISA, MTOW):

4,680 ft (1,426 m)

Landing distance (SL, ISA, MLW):

2,660 ft (811 m)

Operating Altitude

Maximum operating altitude:

51,000 ft (15,545 m)

Climb to cruise altitude of 43,000 ft (13,106 m) after MGTOW departure:

23 min, 12 sec

Noise Level (EPNdB)

Flyover (thrust cutback): 75.5

Approach: 93.4

Lateral: 85.1

DIMENSIONS

Exterior

Length: 55.56 ft (16.93 m)

Wingspan: 47.78 ft (14.56 m)

Wing area: 311.6 ft² (28.95 m²) (basic)

Height overall: 14.13 ft (4.31 m)

Interior

Cabin length: 17.67 ft (5.39 m)

(from cockpit divider to end of pressurized compartment)

Cabin width: 5.12 ft (1.56 m) (centerline)

Cabin width: 3.2 ft (0.98 m) (floorline)

Cabin height: 4.92 ft (1.50 m)

Floor area: 55.7 ft² (5.17 m²) (excluding cockpit)

Cabin volume: 363 ft³ (10.28 m³)

(from cockpit divider to end of pressurized compartment)

Weights

A. Maximum ramp weight: 21,250 lb (9,639 kg)

B. Maximum takeoff weight: 21,000 lb (9,525 kg)

C. Maximum landing weight: 19,200 lb (8,709 kg)

D. Maximum zero fuel weight: 16,000 lb (7,257 kg)

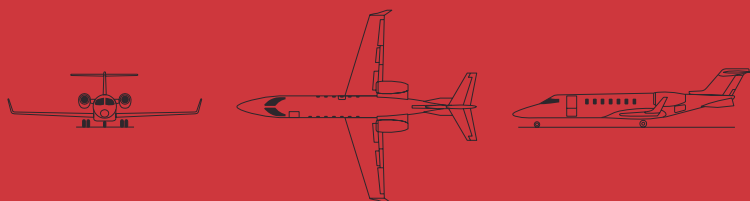
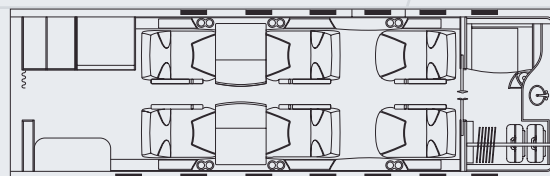
E. Typical basic operating weight: 13,861 lb (6,287 kg)

F. Maximum fuel weight: 5,375 lb (2,438 kg)

Maximum payload (D-E): 2,139 lb (970 kg)

Payload – maximum fuel (A-E-F): 2,014 lb (914 kg)

Fuel with maximum payload: 5,250 lb (2,381 kg)



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