



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 reduced takeoff distances
- Premium light jet comfort and cabin features, including wood veneer

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)

Entertainment

- Cabin Audio System
- Forward 12.1" Monitor with DVD
- Moving Map System

PERFORMANCE

Range

Maximum range:

1,991 NM 2,291 SM 3,687 km
(NBAA IFR 100 NM reserves, ISA, with 4 pax/2 crew)

Speed Mach kt mph km/h

High-speed 0.81 465 535 860

Typical cruise speed 0.81 465 535 860

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 MTOW 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)

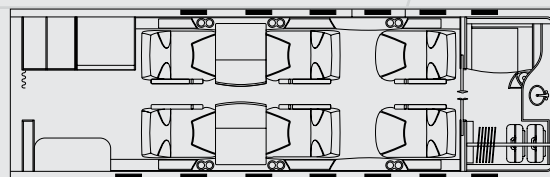
E. Typical basic operating weight:
13,949 lb (6,327 kg)

F. Maximum fuel weight:
6,062 lb (2,749 kg)

Maximum payload (D-E):
2,051 lb (930 kg)

Payload – maximum fuel (A-E-F):
1,239 lb (563 kg)

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



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.businessaircraft.bombardier.com

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. All internal dimensions are based on an aircraft without a completed interior. 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.

©2010 Bombardier Inc. All rights reserved. *Registered Trademark(s) or Trademark(s) of Bombardier Inc. or its subsidiaries. Printed in Canada (10/10).

