BOMBARDIER

LEARJET 70

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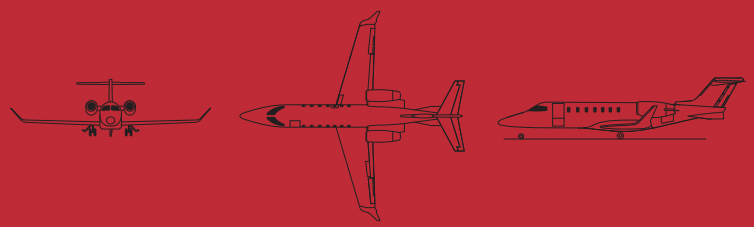
This is performance that enables you to achieve more. Leveraging Bombardier*'s experience in developing efficient, high speed aircraft, the new Learjet* 70 business jet carries 6 passengers with full fuel**. Its powerful engines and forward-thinking aerodynamics with new winglet design enable it to cruise at a high speed of Mach 0.81 and fly up to a 51,000 ft (15,545 m) ceiling**.

- The Vision Flight Deck offers industry-leading avionics, maximizing productivity, safety and convenience
- Two Honeywell engines bring more power to the Learjet 70 business jet, allowing you to connect with more of your world, quickly and efficiently
- From an innovative cabin management system to state-of-the-art communication features, the new Learjet 70 is the evolution of light jet excellence



GENERAL

Capacity

Crew: 2

Passengers: Up to 6 + 1

Engines

Honeywell TFE731-40-BR

Thrust: 3,850 lb (17.1 kW)/engine

Flat rated to: ISA + 23°C (73°F)

Avionics

- Garmin G5000 with 3x14" high resolution displays
- Touch screen controllers
- Synthetic Vison System
- 4-in-1 Integrated Electronic Standby Instrument System
- Dual Flight Management System
- Graphical flight planning
- Solid state weather radar
- Surface Awareness System
- Digital Audio System
- Datalink capabilities

Entertainment

- 7" touch screen display at most of the seats with full Audio / Video control
- Forward 12.1" HD Bulkhead Monitor
- HD and ethernet backbone
- Full audio system with hidden trim panel speakers

PERFORMANCE

Range

Maximum range (±5%):
2,060 NM 2,371 SM 3,815 Km
(NBAA IFR 100 nm alternate fuel reserves, 4 passengers (200 lb each), 2 crew, standard BOW, sea level departure and landing, unrestricted climb, cruise and descent with zero wind and standard ISA conditions en route)

Speed	Mach	kt	mph	km/h
High-speed cruise	0.81	465	535	860
Long-range speed	0.75	432	497	801

Airfield Performance

Takeoff distance (±5%): 4,230 ft (1,289 m)
(SL, ISA, MTOW, Field lengths are based on a level hard surface, dry paved runway with zero wind)

Landing distance (±5%): 2,660 ft (811 m)
(SL, ISA, MLW, 14CFR 91, Field lengths are based on a level hard surface, dry paved runway with zero wind)

Operating Altitude

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

Initial cruise ceiling: 45,000 ft (13,716 m)
(SL, ISA, MTOW)

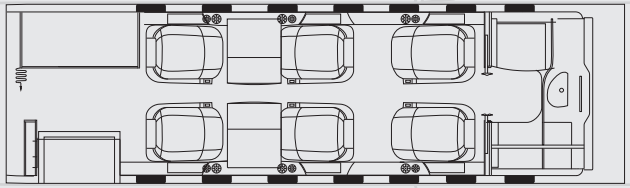
Relative cabin pressure altitude at
51,000 ft (15,545 m): 8,000 ft (2,438 m)

Noise Level (EPNdB)

Flyover (thrust cutback): 75.5

Approach: 93.4

Lateral: 85.1



DIMENSIONS

Exterior

Length: 55.56 ft (16.93 m)

Overall Wingspan: 50.90 ft (15.51 m)

Wingspan: 45.8 ft (13.96 m)
(approximately)

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

Height overall: 14.13 ft (4.31 m)

Interior

Cabin length (±1%): 17.67 ft (5.39 m)
(from cockpit divider to end of pressurized compartment)

Cabin width (±1%): 5.12 ft (1.56 m)
(maximum)

Cabin height (±1%): 4.92 ft (1.50 m)
(maximum height: measured from the floorpanel to the overhead liner at centrerline)

Cabin volume (±3%): 410 ft³ (11.61 m³)
(from cockpit divider to aft lavatory bulkhead)

Weights†

A. Maximum ramp weight (±3%):
21,250 lb (9,639 kg)

B. Maximum takeoff weight (±3%):
21,000 lb (9,525 kg)

C. Maximum landing weight (±3%):
19,200 lb (8,709 kg)

D. Maximum zero fuel weight (±3%):
16,000 lb (7,257 kg)

E. Standard basic operating weight†† (±3%):
13,715 lb (6,221 kg)

† These figures may change at anytime and without prior notice during the detailed design and development of the aircraft.

†† Includes unusable fuel, oil, standard interior, standard avionics, paint and 2 crew. Actual weight will vary with individual aircraft as a result of customization and optional equipment.

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