The Bombardier Learjet 45 XR super-light jet completely outperforms the competition with its exceptional fuel efficiency, improved takeoff distances in hot conditions and at high altitudes, superior time-to-climb and faster cruise speeds.

- A functional cabin allows passengers to maximize their time in a spacious and comfortable environment in the only super-light class jet offering a true double-club configuration
- The power to fly faster than any competitor in the super-light jet category, and offer class-leading low operating costs
- Enhanced Honeywell TFE731-20-20 engines deliver exceptional time-to-climb performance and faster cruise speeds

### GENERAL

**Capacity**

- Crew: 2
- Passengers: Up to 8 + 1

**Engines**

- Honeywell TFE731-20-20
- 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: 1,971 NM  2,268 SM  3,650 km
- (NBAA IFR 100 NM reserves, ISA, with 4 pax/6 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): 5,040 ft (1,536 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: 24 min, 36 sec

**Noise Level (EPNdB)**

- Flyover (thrust cutback): 75.5
- Approach: 93.4
- Lateral: 85.1

### DIMENSIONS

**Exterior**

- Length: 57.6 ft (17.56 m)
- Wingspan: 47.78 ft (14.56 m)
- Wing area: 311.6 ft² (28.95 m²)
- Height overall: 14.13 ft (4.31 m)

**Interior**

- Cabin length: 19.75 ft (6.02 m)
- Width at floor (centerline): 3.2 ft (0.98 m)
- Height overall (including cockpit): 14.13 ft (4.31 m)
- Floor area: 66 ft² (6.13 m²)

**Weights**

- A. Maximum ramp weight: 21,750 lb (9,866 kg)
- B. Maximum takeoff weight: 21,500 lb (9,752 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: 14,125 lb (6,407 kg)
- F. Maximum fuel weight: 6,062 lb (2,750 kg)
- Maximum payload (D-E): 1,875 lb (850 kg)
- Payload – maximum fuel (A-E-F): 1,563 lb (709 kg)
- Fuel with maximum payload (A-D): 5,750 lb (2,608 kg)