

BOMBARDIER
LEARJET 40XR



ENHANCED PERFORMANCE

BOMBARDIER LEARJET 40XR

The Next Generation of Learjet Performance

The Bombardier* Learjet* 40 XR takes light jet performance to an even higher level than the category-leading Learjet 40. Enhanced engines deliver significantly improved time-to-climb and cruise speeds out of hot and high airfields. Combined with a Maximum Takeoff Weight increase that improves the aircraft's already best-in-class payload/range performance, the Learjet 40 XR will raise all expectations in the light jet segment.

Consider this demanding mission:

PROFILE

| | |
|--------------------|--|
| Departing From: | Jackson Hole, Wyoming, USA |
| Airport Elevation: | 6,444 ft (1,964 m) above sea level |
| Runway: | 6,300 ft (1,920 m) |
| Temperature: | 82°F (28°C) |
| Payload: | 6 passengers with full fuel, takeoff weight 20,163 lb (9,146 kg) |
| Destination: | Teterboro, New Jersey, USA |

CUSTOMER BENEFITS

TFE-731-20 AR to TFE-731-20 BR engine upgrade:

Flat-rating increase from ISA + 16°C (88°F), to ISA + 25°C (104°F)

- Shorter takeoff distances out of hot & high airfields
- Faster time-to-climb under all conditions – especially in hot & high environments
- Shorter flight times due to faster high-speed cruise at altitude for all missions

Maximum Takeoff Weight increase:

From 20,350 lb (9,230 kg) to 21,000 lb (9,525 kg)

- Increased payload/range capabilities

Takeoff: Performance Under Extreme Conditions

As a team of 6 executives leaves a midday conference at the Jackson Lake Lodge, the CEO's mobile phone rings - the board has called an emergency meeting that evening at the head office in New York. Temperatures in Jackson Hole have risen to 82°F (28°C) and are expected to stay that way for several hours. Delaying the meeting is not an option.

When faced with Jackson Hole's high altitude, short runway, and hot temperatures, the Bombardier Learjet 40 XR's increased engine power proves to be critical. Even under these challenging conditions, the aircraft soars skywards with a full complement of passengers and fuel – a feat no other light jet could perform.

Time-to-climb: Maximum Agility and Flexibility

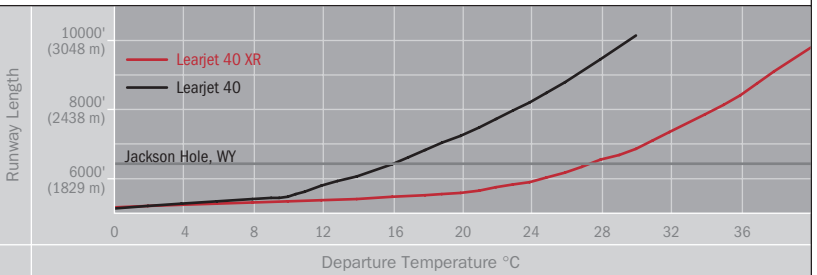
As the Bombardier Learjet 40 XR climbs skywards, it faces a second challenge. Surrounding Jackson Hole is Grand Teton National Park and the Teton Range with its highest peak at 13,770 ft (4,197 m). The Learjet 40 XR easily flies across the valley and climbs over the mountains directly to 45,000 ft (13,716 m) – exceeding even the Bombardier Learjet 40 aircraft's time-to-climb capability.

Range: More Passengers, Farther

With its Maximum Takeoff Weight increase of 650 lb (295 kg), the Bombardier Learjet 40 XR is designed to carry a payload in excess of 6 passengers with full fuel tanks. In a hot and high environment, most aircraft could not take off with that weight. However, the increased thrust made available by the TFE-731-20 BR engines enables the Learjet 40 XR to fill the tanks and seats, and effortlessly transport the executive team directly to Teterboro, flying over 900 NM (1,667 km) farther than even the performance-driven Bombardier Learjet 40.

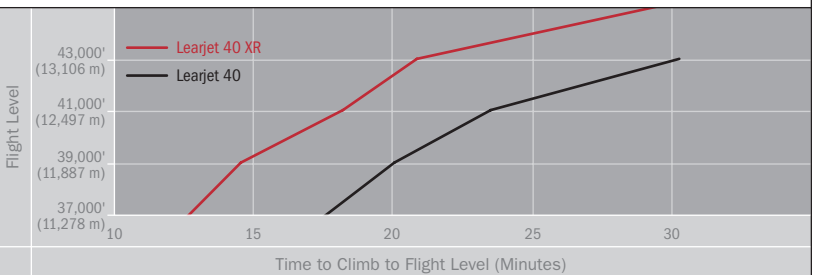
For more information, call 1-800-268-0030 in North America. Elsewhere, call (514) 855-7698.

Takeoff from JAC – 6 Passengers & Full Fuel



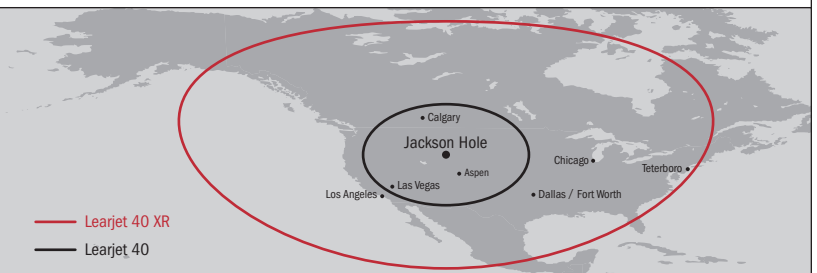
VFR departure, zero runway slope, and zero winds, takeoff weight = 20,163 lb (9,146 kg)

Time-to-Climb, ISA + 10°C – 6 Passengers & Full Fuel



Departure from Jackson Hole airport, 6 passengers and full fuel at departure, takeoff weight = 20,163 lb (9,146 kg)

Range Comparison Map – 6 Passengers & Full Fuel



IFR 100 NM (185 km) reserves, 6 passengers / 200 lbs (91 kg) per passengers, 85% Boeing winds, VFR departure, takeoff weight = 20,163 lb (9,146 kg)

