

# BOMBARDIER

## BACKGROUNDER

### LEARJET 60 XR

**Background:** In service since July 2007, the *Learjet 60 XR* business jet retains the unbeatable combination of value and high-speed performance of its *Learjet 60* aircraft parent, while adding one of the most advanced cockpits on the market today, together with a stand-up cabin redesigned for style, comfort and functionality. The *Learjet 60 XR* jet succeeds the Special Edition *Learjet 60* aircraft.

The *Learjet 60 XR* jet has the lowest operating cost in its category, delivers transcontinental range, outstanding climb capabilities, sophisticated avionics and proven, fuel-efficient engines together with more standardized options than any midsize jet in production.

**Description:** With a maximum range of 2,405 nautical miles (4,454 km), four passengers, and NBAA IFR (100 nm) fuel reserves, the *Learjet 60 XR* jet can fly long-range missions such as Seattle-New York, Shannon-Gander, Delhi-Riyadh and Singapore-Perth\*.

Maximum cruise speed is Mach 0.81 or up to 465 knots (535 mph; 861 km/h). The aircraft is certified to 51,000 feet (15,545 m) and will cruise routinely at FL 410 and higher to take advantage of favorable winds and reduced air traffic.

The *Learjet 60 XR* aircraft features the Rockwell Collins Pro Line 21, a state-of-the-art avionics suite that applies the latest flight deck design, human factors concepts and system technology to offer pilots instant, intuitive access to critical flight information. The integrated avionics package includes four eight-inch by 10-inch (20-cm by 25-cm) high-resolution LCD adaptive flight screens, increasing the overall display area by 75 per cent and dramatically improving the quality of the visuals.

The Rockwell Collins Pro Line 21 for the *Learjet 60 XR* aircraft also features an integrated flight information system in the cockpit – which enables electronic charts as standard equipment – allowing pilots to call up approach plates and airport diagrams on the flight displays. The addition of an optional second file server unit eliminates the need for paper-based navigation charts, a major step towards a “paperless” cockpit.

The *Learjet 60 XR* business jet's newly styled interior builds upon a stand-up cabin already well known for its superior comfort, wide aisle and generous seated head and shoulder room. Passenger space for up to nine is enhanced with redesigned seats that improve legroom, while a larger galley and vanity cabinet offer optimized work areas and additional storage space.

The *Learjet 60 XR* jet not only provides passengers with more space, but also delivers superior cabin functionality. It features LED cabin lighting and an easy-to-use cabin electronic system with LCD touch-screen passenger control units, and a state-of-the-art audio-video system that is XM-satellite-radio ready with additional ports for laptops, DVD and MP3 players.

Launched in 1990, the original *Learjet 60* aircraft delivers transcontinental range, outstanding climb capabilities, sophisticated avionics and proven, fuel-efficient engines. The new *Learjet 60 XR* business jet builds on this successful platform to offer customers the most modern technology and comfort without compromising its outstanding performance and value. The aircraft's higher operating altitudes – certified to 51,000 ft (15, 545 m) – translate to time savings due to better winds, less traffic and less turbulence.

**Highlights:**

Max. cruise speed:	Mach 0.81 (535 mph; 861 km/hr)
Max. IFR range:	2,405 NM (4,454 km) with 4 pax/2 crew, ISA, NBAA IFR (100 nm) fuel reserves
Max. altitude:	51,000 feet (15,545 m)
Passengers:	7-9 in standard configuration

**Milestones\*\*:**

Program launch:	Nov. 9, 2005
First flight:	Apr. 3, 2006
Flight-deck certification:	Sep. 28, 2006 U.S. FAA Sep. 27, 2007 EASA May 2008, Transport Canada
First delivery:	July 30, 2007
Aircraft manufactured:	380 (includes <i>Learjet 60</i> and <i>Learjet 60 XR</i> , as of April 30, 2010)

\*Theoretical range ( $\pm 5\%$ ) with 4 pax / 2 crew, NBAA IFR 100 NM reserves, ISA.

\*\*Aircraft manufactured include all *Learjet 60* and *Learjet 60 XR* aircraft manufactured by Bombardier Aerospace that have received their Certificate of Airworthiness. Backgrounders reflect number manufactured to end of last reported fiscal quarter.

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