

## Lear 45XR Performance Beyond Expectations. Value Without Compromise.



### Why the Learjet 45XR Represents an Outstanding Value Proposition

The Learjet 45XR delivers the speed, sophistication, and operational capability of a midsize jet — while retaining the acquisition and operating economics of a light jet. Renowned for its performance, reliability, and cabin comfort, the 45XR remains one of the most compelling value propositions in business aviation today

### The Ideal Balance of Speed, Range, and Efficiency

Designed to bridge the gap between light and midsize aircraft, the Learjet 45XR continues to stand out for its exceptional performance.

- **Cruise Speed:** Up to Mach 0.81
- **Range:** Approximately 1,800 nautical miles (3,300 km)
- **Maximum Altitude:** 51,000 feet

Powered by twin Honeywell TFE731-20 engines, the 45XR combines strong climb performance with proven efficiency and durability — enabling faster trip times and excellent operating economics across both short and regional missions. and owners seeking strong performance without a significant escalation in expense, the Learjet 45XR offers exceptional value.

Originally introduced by Bombardier in 1998, the Learjet 45 marked a pivotal evolution in business aviation. Designed to bridge the gap between light and midsize aircraft, it quickly established a reputation for performance, reliability, and advanced technology. The later 45XR variant refined the original platform further, enhancing efficiency and operational flexibility. Today, the aircraft remains highly sought after in both charter and private ownership markets.

### **Performance and Efficiency**

At the heart of the Learjet 45XR's appeal is its impressive performance profile. Advanced aerodynamics and an efficient wing design enable strong performance across both high and low speeds, contributing to smooth handling, excellent climb capability, and efficient fuel burn. The aircraft is powered by two Honeywell TFE731-20 engines, each producing approximately 3,500 pounds of thrust.

Widely respected for their durability and efficiency, these engines allow the Learjet 45XR to cruise at speeds of up to Mach 0.81 (approximately 1,000 km/h) while maintaining competitive operating economics within its class.

With a maximum range of approximately 1,800 nautical miles (3,300 km) and a certified operating ceiling of 51,000 feet, the Learjet 45XR can fly above most commercial airline traffic. This capability reduces congestion, improves routing efficiency, and allows the aircraft to avoid much of the weather experienced at lower altitudes — delivering smoother, faster, and more reliable journeys.

### **Advanced Cockpit Technology**

The Learjet 45 was among the first business jets to feature a fully integrated glass cockpit, and this remains a key differentiator today. The Honeywell Primus 1000 avionics suite enhances situational awareness, streamlines pilot workload, and supports modern navigation and safety standards.

Real-time performance and fuel monitoring enhance flight management, driving lower operating costs, higher dispatch reliability, and delivering owners and passengers the confidence of a modern, precise, and capable flight deck.

### **Passenger Comfort and Cabin Space**

Historically, Learjets were often associated with compact cabins. The Learjet 45XR decisively broke this mould. Its flat-floor cabin offers a level of space and comfort that rivals — and in some cases exceeds — other aircraft in the light-to-super-light category.

Configured to comfortably seat up to eight passengers in a double-club arrangement, the cabin promotes interaction, productivity, and relaxation. Large windows provide abundant natural light, while quality finishes such as leather seating, fold-out tables, and a fully enclosed lavatory deliver amenities more commonly found in larger jets.

With generous headroom and the freedom to move easily throughout the cabin, the Learjet 45XR competes strongly with more expensive aircraft in terms of passenger experience. Its blend of speed, range, and cabin comfort makes it equally effective for short corporate sectors and longer regional missions — such as Brisbane to Auckland or Melbourne to Cairns.

### **Reliability and Cost Effectiveness**

Built to FAR Part 25 certification standards — the same rigorous requirements applied to commercial airliners — the Learjet 45XR benefits from exceptional structural integrity and system redundancy. This translates directly into strong dispatch reliability and reduced unscheduled maintenance.

Both the airframe and powerplants are engineered for longevity, helping owners extract long-term value from their investment. Compared with older legacy aircraft, the Learjet 45XR's systems and engines require comparatively less maintenance, further lowering direct operating costs.

These attributes have made the type particularly attractive to charter operators and high-utilisation owners, where reliability and predictability are essential. Combined with highly competitive pre-owned acquisition pricing — typically in the USD \$3–4 million range for quality examples — the Learjet 45XR represents one of the strongest value propositions in the light-to-mid jet market today.

### **Legacy and Market Influence**

The success of the Learjet 45 platform influenced not only subsequent Learjet models but the broader business aviation sector. It helped redefine expectations around performance, avionics, and cabin comfort in its class, prompting competing manufacturers to elevate their designs.

Although production has ceased, the Learjet 45XR continues to enjoy strong demand on the secondary market, underpinned by its reputation for speed, reliability, and passenger appeal. Decades after its introduction, it remains a benchmark aircraft — a testament to Learjet’s legacy of innovation and performance leadership.

For owners and operators seeking a proven, capable, and economically compelling business jet, the Learjet 45XR stands out as an enduring and highly attractive option.

The Learjet 45 is a unique corporate aircraft in today’s market because it offers a blend of speed, comfort, and efficiency typical of a mid-sized jet at the operating costs and acquisition price of a light jet.

It provides a superior experience compared to many direct competitors without a significant jump in cost from smaller, less capable types.

In a market increasingly focused on value, utility, and long-term ownership economics, the Learjet 45XR continues to stand apart. It is a rare aircraft that delivers true midsize performance, refined passenger comfort, and predictable operating costs — without compromise. For discerning owners and operators, it remains not just a smart acquisition, but a strategic one.

***Avlinear — clarity, capability, and confidence in business aviation.***

