# 2001 Bombardier Learjet 31A For Sale

## POA €

### QUICK SPEC

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|---|---|
| Manufacturer | Bombardier |
| Family | Learjet |
| Model | Learjet 31A |
| Year | 2001 |
| Capacity | 2 - 8 Passengers |
| Range | 3,574 km (1,930 Nm) - 2,221 Mi |
| Max Cruise Speed | 807 km/h (436 Kts) - 501 Mph - Mach 0.65 |
| Max.Take-Off Weight | 7,801 Kg  (17,200 lbs) |
| Total Time | 6,343 Hours |
| Service Ceiling | 13,716 M - 45,000 Ft - 450 FL |

### TECHNICAL SPECIFICATIONS

GENERAL CHARACTERISTICS

- Type of Aircraft - Light Jet
- Propulsion - 2 Turbofan Engines
- Length - 14,80 m - 48,7 feet
- Wing Span - 12,03 m - 39,6 feet
- Height - 3,70 m - 12,2 feet
- Rate of Climb - 4,340 feet / minute - 22,04 metre / second
- Max.Certified Takeoff Distance - 1,067 metre - 3,500 feet
- Max.Certified Landing Distance - 000 metre - 000 feet
- Max.Certified Takeoff Weight - 7,801 Kg - 17,200 lbs
- Max.Certified Landing Weight - 7,257 Kg - 16,000 lbs

INTERIOR CHARACTERISTICS

Seven passenger executive interior features a four-person club seat configuration in the mid cabin, with two pull-out side ledge tables. Behind the club configuration is a forward facing, two-person divan in the aft cabin. A side-facing, single seat in the forward cabin, opposite the main entrance door, features a chemical toilet beneath the seat cushion. A refreshment center in the forward cabin completes the interior.

EXTERIOR CHARACTERISTICS

Base Paint Color - White and Black
Stripe Color - Two-Tone with Gold Stripes
Program Coverage - Plane Parts
Maintenance Tracking - CMP
Registration - SN: 225 I REG: N834AF

POWERPLANT

Engine Model - Honeywell TFE-731-2
Engine Power (Each) - 15,6 kN - 3,500 lbf
Serial Number Left Engine - P-99576C
Serial Number Right Engine - P-99577C
Total Hours Left Engine - 6,322 Hours
Total Hours Right Engine - 6,290 Hours
Total Cycles Left Engine - 5,219 Cycles
Total Cycles Right Engine - 5,200 Cycles
Program Coverage - N/A

AIRFRAME

Total Time airframe - 6,343 Hours
Total landings - 5,034 Landings
Entry Into Service Date - 0000
Current Location -
Program Coverage - Plane Parts
Maintenance Tracking - CMP

APU

Description -
Serial Number -
APU Total Time - 0,000 Hours
APU Total Cycles - 0,000
Program Coverage - MSP

AVIONICS

- Air Data Computer: Dual King Kdc 481 Adcs
- Attitude Heading Reference Sytem: Litef Lcr-93 Ahrs
- Automatic Direction Finder: King Df-431B Adf
- Autopilot: King Kcp-420 Autopilot
- Cockpit Voice Recorder: Universal Cvr (30 Minutes)
- Communications: Dual King Vhf Comm Transceivers
- Electronic Standby Instrument System: King Ed-551A Efis Displays
- Emegency Locator Transmitter: Artex Me406 Elt
- Enhanced Ground Proximity Warning System: Honeywell Mark Vii Egpws
- Distance Measuring Equipment: Dual King Dm-441B Dmes
- Flight Management System: Universal Uns-1Ew Fms
- Navigation: Dual King Vn-411B Vhf Navigation Units
- Radio Altimeter: Honeywell Kra-405B Radar Altimeter
- Traffic Collision Avoidance System: Honeywell Tpu-67A Tcas Ii With Change 7.0
- Transponders: Dual Honeywell Mst-67A Mode S Transponders
- Weather Radar: Honeywell Art-2000 Weather Radar
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## OTHER NOTABLE FEATURES

- Owned by a Fortune 10 Company
- Operated Part 91
- Universal UNS-1Ew FMS
- Iridium Satellite Phone System
- LED Cabin Lighting
- Whelen LED Navigation Lights
- Raisebeck Locker and Flaps

## CATALOGUE ESSAY

The Learjet 35 is known, above all, for its range. It can fly 2,056 miles nonstop. The Learjet 35 offers more than range: it has good handling characteristics, a low fuel burn, and fast cruise speeds as well. A maximum of eight passengers can travel in the Learjet 35's cabin. It is 12.9 feet long, 4.9 feet wide and 4.3 feet high. There are 40 cubic feet of baggage space, enough to hold about eight standard-sized suitcases. The real strength of the Learjet 35 is its range, takeoff, and cruise capabilities. Two Honeywell TFE731-2-2B engines provide 3,500 pounds of thrust, allowing the Lear 35 to take off in 4,972 feet. Its maximum takeoff weight is pretty high as well at 18,300 pounds. Components of these engines have been used on much higher-performing jets. Their pressure compressors were taken from the Garret 660-series engine, which is most notably used on 747s. The engine's turbine components come from DC-10s, and the high-pressure impellers are modified versions of the ones used in the TPE 331 and T76 engines. The Learjet 35 has a relatively long range for a private jet and can cruise at speeds as high as 451 ktas, or 424 ktas with four passengers. Fuel consumption is excellent: the 31A burns 197 gallons of fuel per hour. There are a few other details that make the Learjet 35 a popular private jet. First of all, it meets FAR part 36 noise standards, making it a kind of "good neighbor" at airports. Furthermore, the avionics system is completely redesigned from previous models, giving pilots an uncluttered control panel that is easy to work with. Pilots have commented on its agility and excellent performance capabilities.