

LEARJET 35A Model Guide

LEARJET 35A is a Learjet turbofan business jet. The registry groups it in a 35 family with the base 35. Family-wide figures reach up to 2190 nm range, 418 kt cruise, 8 passengers and a 51000 ft ceiling. The sources are a crew checklist and a maintenance manual navigation chapter, so there are no variant-specific performance figures.

KEY TAKEAWAYS

- Family-level registry figures (35 and 35A): up to 2190 nm range, 418 kt cruise, 8 passengers, 51000 ft ceiling, 8300 kg MTOW. Not LEARJET 35A-specific.
- The sources give no variant-specific specs, weights or V-speeds. Get them from the aircraft's own flight manual before buying.
- Pitot/static and Mach/overspeed warning inspections differ by serial number group. Confirm which group the airframe falls in.
- Avionics fits vary. The manual covers weather radar, Stormscope, GPWS, radio altimeter, DME, ADF, VLF and INS-61B systems.

SAFETY NOTES

- Checklist: thrust reversers are armed at line up and switched off after takeoff. Anti-skid and hydraulic pressure are checked before landing.
- Checklist: release the parking brake before taxi. Check brakes, steering, flight controls and anti-skid during taxi.

OPERATING CHECKLIST

The Lear 35 checklist (Rev. 1/18/2005) takes two pilots (PNF and PF) through start, taxi, line up, climb, cruise, descent, approach, landing and shutdown. Start items include batteries, generators, flaps 30 then 8 degrees, and spoileron/spoilers checks. Thrust reversers are listed as Dee Howards.

MAINTENANCE MANUAL COVERAGE

The Learjet 35/35A/36/36A maintenance manual, chapter 34 (Navigation), covers pitot and static, Mach/overspeed warning, encoding and radio altimeters, gyros, flight director, weather radar, Stormscope, GPWS, DME, ADF and transponder.

WHAT TO CHECK WHEN BUYING

Pitot/static checks have separate procedures for serials 35-002 thru 35-505 (except 35-408) and for 35-408 and 35-506 and subsequent. Confirm the airframe's serial group. Ask for records on pitot tube, drain valve, isolation valve and Mach switch work.