

Cessna Citation Latitude Model Guide

The Cessna Citation Latitude is a twin-engine midsize business jet, in production since 2015, seating 7 to 9. It has two Pratt & Whitney Canada PW306D1 turbofans and Garmin G5000 avionics. The brochure lists up to 446 ktas, a 2,850 nm ferry range and a 6 ft stand-up cabin.

KEY TAKEAWAYS

- Brochure figures: 446 ktas max cruise, 2,850 nm ferry range at LRC, 3,580 ft takeoff field length at MTOW, nine passengers maximum.
- A 2019 listing quotes 2,700 nm range, against the brochure's 2,850 nm ferry figure. Confirm range with real mission data.
- Listed examples run from 125.6 hours (2018 build) to 1,901 hours (2017 build). Check engine, APU and warranty enrollment.
- Garmin G5000 databases need regular updates. Garmin Service Advisory 2186 covers 680A serials -0001 thru -0247.

CABIN AND PAYLOAD

Cabin height is 6 ft, width 6 ft 5 in and length 21 ft 9 in. The baggage compartment holds 1,245 lb (127 cu ft). The brochure cites a 5,960 ft cabin altitude at 45,000 ft. Listed nine-seat interiors have a forward two-place divan, a four-place club, two aft forward-facing seats and a belted aft lavatory.

AVIONICS AND POWERPLANT

The Garmin G5000 has three 14-inch flight displays, four touch-screen panels, autothrottles, synthetic vision, TCAS II Change 7.1 and Class A TAWS (June 2022 option guide, 2024 deliveries). Two PW306D1 engines give 5,907 lb of thrust each. Options include the Honeywell Laseref V1 inertial reference system.

WHAT TO CHECK ON USED EXAMPLES

Listings: 680A-0048 (2017) had 1,901 hours, 956 landings and 1486 APU hours as of May 23, 2022. 680A-0203 (2019) had 1,477 hours, 908 landings and 910 APU hours. 680A-0127 had 125.6 hours as of 6/12/19, airframe warranty to March 28, 2023, engine overhaul next due at 6000 hours and HSI at 3000 hours.

SPECIFICATIONS

Max Passengers	9
Thrust Per Engine Lbs	5907
Baggage Capacity Lbs	1245
Cabin Height Ft	6
Engine Model	2x Pratt & Whitney Canada PW306D1

PERFORMANCE

Max Cruise Speed Kts	446
Max Range Nm	2850
Takeoff Field Length Ft	3580
Cabin Altitude Ft	5960

V-SPEEDS

Vmo Kts	305
Vmo Below 8000ft Kts	270
Vlo Kts	210
Vle Kts	210
Max Tire Ground Speed Kts	182

SAFETY NOTES

- Checklist limits: VMO 270 KIAS below 8000 ft and 305 KIAS from 8000 ft, MMO Mach 0.80, Vlo/Vle 210 KIAS, maximum tailwind 10 knots.
- Battery start limit is three engine starts per hour. Maximum tire ground speed is 182 knots.
- Engine fire above V1 or in flight: disengage autothrottle and idle the affected throttle. If the light stays on after 15 seconds, push ENG FIRE and BOTTLE ARMED.