Cessna Citation Ascend Model Guide

The Cessna Citation Ascend is a twin-engine business jet built by Textron Aviation. It has been in production since 2025. It is powered by two Pratt & Whitney Canada PW545D engines and has Garmin G5000 avionics with autothrottles. The library lists 8 to 12 seats, and the brochure gives a maximum of 12 passengers. The FAA treats it as part of the 560XL Series, so it uses the CE-560XL type rating.

KEY TAKEAWAYS

- Two PW545D engines, 4,213 lb thrust each, with a maximum cruise speed of 441 ktas.
- Brochure range is 1,940 nm with four passengers. Full fuel payload is only 900 lb.
- Garmin G5000 avionics and autothrottles; pilots use the CE-560XL type rating.
- Brochure figures assume standard conditions, zero wind and sea-level MTOW, so check them against your own missions.

PERFORMANCE AND PAYLOAD

The brochure lists a 441 ktas maximum cruise speed, a 1,940 nm four-passenger range, and a 3,800 ft takeoff field length at MTOW. Climb to FL430 takes 26 minutes. Maximum takeoff weight is 20,500 lb and basic operating weight is 13,060 lb. Full fuel payload is 900 lb, so fuel and passenger loads trade off.

CABIN, ENGINES AND SYSTEMS

The cabin is 66 in wide, 18 ft 6 in long, and 60 in high (68 in with the optional dropped aisle). The engines are two PW545D units. The maker cites longer maintenance intervals and LinxUs Air diagnostics, which send fault data during flight. Ask for the maintenance program and diagnostic history.

TYPE RATING AND TRAINING

The Ascend is serial 560-6501 and on, in the 560XL Series with the Excel, XLS and XLS+. It uses the CE-560XL type rating. The FAA stresses training on autothrottles, G5000 use, Emergency Descent Mode, underspeed and overspeed protection, and the Synthetic Vision System. Reduced-hour training curriculums do not apply to the G5000 aircraft.

SPECIFICATIONS

Max Takeoff Weight Lbs	20500
Basic Operating Weight Lbs	13060
Full Fuel Payload Lbs	900
Thrust Per Engine Lbs	4213
Cabin Height In	60
Cabin Width In	66
Max Passengers	12

PERFORMANCE

Max Cruise Speed Kts	441
Range Four Passengers Nm	1940
Takeoff Field Length Ft	3800

SAFETY NOTES

- The FAA report requires a no-flap or nonstandard-flap approach and landing demonstration, because flap extension failure is not extremely remote.
- The FAA expects initial pilots to have high-altitude multiengine turbojet, modern avionics and FMS experience. Pilots without it may need extra training.
- Brochure performance assumes zero wind and a level, dry, paved runway at sea level. Real-world field and range figures will differ.

AI-aggregated guide for the Cessna Citation Ascend · sources: CITATION ASCEND (#7186) · Flight Standardization Board Report (#4860) · generated 2026-10-19 · Reference only, not for flight. Check the original documents before relying on this guide.