Cessna Citation Encore Model Guide

The Cessna Citation Encore is a twin-turbofan light jet built from 2000 to 2009, seating 7 to 9. The listings and study notes here show P&W PW535A engines rated at 3,400 lbs thrust, a 45,000 ft maximum operating altitude and a 16,630 lbs maximum takeoff weight.

KEY TAKEAWAYS

- Two 2001 examples are listed: serial 560-0564 with 1,875 hours, and serial 583 with 4,725 hours at $3,200,000.
- Serial 583 shows fresh engine overhauls (0 hours since overhaul) by Dallas Airmotive. Verify this in the records.
- Broker figures: 430 kts max cruise, 1,736 NM range, 45,000 ft ceiling. They are for one aircraft, so verify them.
- Cabins differ: serial 560-0564 is a seven-passenger layout. Serial 583 is eight passengers plus a belted lavatory as the 9th seat.

PERFORMANCE AND WEIGHTS

One broker sheet lists range 1,736 NM, max cruise 430 kts, climb 4,740 fpm, balanced field 3,920 ft and landing 2,517 ft. Study notes give max takeoff 16,630 lbs, max landing 15,200 lbs, max zero fuel 12,600 lbs and fuel capacity 5,440 lbs (806 gal). Fuel is not avgas.

AVIONICS AND EQUIPMENT

Both listed aircraft have a Honeywell Primus 1000 three-tube EFIS, Universal UNS-1 CSP FMS, Garmin 400 GPS and Honeywell TCAS II. Serial 583 lists RVSM/RNP5, a stormscope and single point refueling. Serial 560-0564 lists Garmin ADS-B Out and RVSM.

WHAT TO CHECK

Compare airframe and engine hours with landings: serial 583 shows 4,725 hours and 4,160 landings. Confirm the engine overhaul paperwork and the optional equipment. Check that all 16 boundary layer energizers per wing are present. Both brokers say specs must be verified by the buyer.

SPECIFICATIONS

Thrust Lbs	3400
Max Operating Altitude Ft	45000
Fuel Capacity Lbs	5440
Fuel Capacity Gal	806

PERFORMANCE

Range Nm	1736
Max Cruise Speed Kts	430
Rate Of Climb Fpm	4740
Balanced Field Length Ft	3920
Landing Distance Ft	2517
Ceiling Ft	45000

V-SPEEDS

Vmo Kts	292
Vfe 15 Kts	200
Vfe 35 Kts	173
Vlo Extending Kts	250
Vlo Retracting Kts	200
Vle Kts	250

WEIGHT & BALANCE

Max Ramp Weight Lbs	16830
Max Takeoff Weight Lbs	16630
Max Landing Weight Lbs	15200
Max Zero Fuel Weight Lbs	12600
Basic Empty Weight Lbs	10055

SAFETY NOTES

- All 16 boundary layer energizers per wing must be present for takeoff.
- If the FIRE DET SYS L/R annunciator shows, the fire warning light will not illuminate in an engine fire.
- After a cold soak of 2 hours or more at -10 C, the cabin must be at or above 0 C for 15 minutes before takeoff so passenger oxygen masks deploy properly.

AI-aggregated guide for the Cessna Citation Encore · sources: 2001 Citation Encore (#5115) · 2001 Cessna Citation Encore 560 (#4902) · CE_560 Study Guide Notes (#5099) · generated 2026-10-19 ·
Reference only, not for flight. Check the original documents before relying on this guide.