

Cessna Citation X+ Model Guide

The Cessna Citation X+ is a twin-engine business jet built 2014–2018, with 8 to 12 seats per the library record. It has two Rolls-Royce AE3007C2 turbofans, cruises at up to 528 ktas and is certified to 51,000 ft. Garmin G5000 avionics with autothrottles are fitted. Listings show 8- or 9-passenger interiors; the brochure maximum is 12.

KEY TAKEAWAYS

- Brochure figures: 528 ktas max cruise, Mach 0.935, 51,000 ft ceiling, 5,250 ft takeoff field length at 36,600 lb MTOW.
- Range varies by source: 3,460 nm and 3,429 nm (ferry, LRC) in brochures; one listing quotes 3,240 nm NBAA IFR. Plan on the shorter figure.
- Weights vary by airframe: one listing shows basic operating weight of 21,713 lb, the brochure 22,464 lb. Confirm the actual aircraft's weight.
- Two listed examples had 2,074 and 2,071.8 hours, 1,084 and 1,237 landings, and engines on Rolls-Royce Corporate Care. Engine overhaul is due at 4,500 hours.

CABIN AND PAYLOAD

Brochure cabin with a typical interior: 68 in high, 66 in wide, 25 ft 2 in long. Baggage capacity is 1,095 lb (104 cu ft). The brochure maximum is 12 passengers. Listings describe an 8-passenger double-club interior and a 9-passenger interior, each with a galley and an aft belted lavatory. Full-fuel payload is 1,505 lb.

AVIONICS AND CONNECTIVITY

Garmin G5000 with three 14-inch displays, touch-screen controllers, synthetic vision, autothrottles, TCAS II, ADS-B Out, WAAS/LPV and RNP 0.3 capability, per the listings. Examples carried Gogo ATG-4000 internet. One adds Inmarsat Swift Broadband; another lists Aviator 300 for worldwide coverage.

WHAT TO CHECK BEFORE BUYING

Review each airframe's inspection status, engine and APU program enrollment (Rolls-Royce Corporate Care; AuxAdvantage on one APU) and APU hours (969 and 863 hours in the listings). Check training: CAE's Citation X initial course is 17 days with 71 hrs ground school and 28 hrs simulator. Its listed simulator uses Honeywell Primus 2000, not the X+'s Garmin G5000, so confirm it matches.

SPECIFICATIONS

Cabin Height In	68
Cabin Width In	66
Baggage Capacity Lbs	1095
Usable Fuel Lbs	12931
Usable Fuel Gal	1930
Thrust Per Engine Lbs	7034

PERFORMANCE

Max Cruise Speed Kts	528
Max Range Nm	3429
Nbaa Ifr Range Nm	3240
Takeoff Field Length Ft	5250
Landing Distance Ft	3330
Max Operating Altitude Ft	51000

WEIGHT & BALANCE

Max Ramp Weight Lbs	36900
Max Takeoff Weight Lbs	36600
Max Landing Weight Lbs	32000
Max Zero Fuel Weight Lbs	24978
Basic Operating Weight Lbs	22464
Useful Load Lbs	14436
Full Fuel Payload Lbs	1505

SAFETY NOTES

- The emergency checklist in the inputs is for the earlier Citation X (Rev. 2, 2012). Use the X+ flight manual for X+ limits and procedures.
- Earlier Citation X emergency descent: throttles idle, speed brakes extend, initial pitch 15° down. Verify the X+ procedure in its approved manual.
- A listing gives max differential pressure of 9.3 psi at a 51,000 ft ceiling. Have pressurization and crew oxygen equipment checked in the pre-buy.