

Cessna Citation CJ1+ Model Guide

The Cessna Citation CJ1+ is a light jet built from 2005 to 2010. It seats 4 to 6 and has two Williams FJ44-1AP turbofans and Collins Pro Line 21 avionics. The 2006 brochure lists a maximum cruise of 389 ktas, a 41,000 ft ceiling and 1,300 nm NBAA IFR range at maximum takeoff weight.

KEY TAKEAWAYS

- Payload with full fuel is only 615 lb (2006 brochure). Filling the seats means carrying less fuel and flying a shorter range.
- Brochure max cruise is 389 ktas at 31,000 ft. Maximum certified ceiling is 41,000 ft.
- Listed jets show engines on Williams TAP programs and airframes on CAMP/CESCOM or ProParts. Confirm enrollment status for any aircraft you consider.
- Ask for full logs. The two listed jets show 3,082 and 4,477 hours and 3,354 and 3,366 landings.

WEIGHTS AND PAYLOAD

Brochure figures: max takeoff 10,700 lb, max ramp 10,800 lb, max landing 9,900 lb, max zero fuel 8,400 lb. Fuel capacity is 3,220 lb at 6.7 lb/gal. Typical basic operating weight is 6,965 lb, giving 3,835 lb useful load but only 615 lb payload with full fuel. These are typical 2006 brochure values, so check the actual aircraft's weight and balance.

WHAT CURRENT LISTINGS SHOW

A 2006 example (Nov 2024) had 4,477 hours, 3,366 landings and an asking price of \$2,495,000. Its Document 02 and 08 inspections were listed as overdue, to be done before delivery. A 2007 example had 3,082 hours, two FMS, WAAS and ADS-B Out, with SB 525-34-84 and 525-34-90 complied with, plus a 2024 paint refresh.

WINGLET MODIFICATION

One winglet product for the CJ1+ lists a 79 lb net weight increase, 400 lb higher max zero fuel weight and a 500 lb increase to the hot/high weight-altitude-temperature (WAT) table. If an aircraft has a performance modification, get the supplementary flight manual procedures and confirm the pilots have trained on them.

SPECIFICATIONS

Max Fuel Capacity Lbs	3220
Cabin Height In	57
Cabin Width In	58
Cabin Length In	132

PERFORMANCE

Max Cruise Speed Kts	389
Service Ceiling Ft	41000
Climb Rate All Engines Fpm	3290
Climb Rate Single Engine Fpm	906
Nbaa Ifr Range Nm	1300
Takeoff Distance Ft	3250
Landing Distance Ft	2590
Stall Speed Kts	83

WEIGHT & BALANCE

Max Ramp Weight Lbs	10800
Max Takeoff Weight Lbs	10700
Max Landing Weight Lbs	9900
Max Zero Fuel Weight Lbs	8400
Typical Empty Weight Lbs	6765
Typical Basic Operating Weight Lbs	6965
Useful Load Lbs	3835
Payload With Full Fuel Lbs	615

SAFETY NOTES

- A 2019 AAIB serious incident involved a modified CJ1+. An electrical failure in an added system caused an uncommanded roll, and the pilot did not know the supplementary procedures.
- A 2010 AAIB accident: a CJ1+ rejected its takeoff, both brakes failed, the right brake caught fire and it ran off the runway. The brakes were probably at least partly on during the takeoff run.
- Overdue inspections appear in one listing. Have an independent pre-purchase inspection done, as the broker's own disclaimer advises.