

Cessna Citation SII Model Guide

The Cessna Citation SII is a twin-turbofan light jet built from 1985 to 1996 and listed with 8 to 10 seats. It uses Pratt & Whitney JT15D-4B engines. Typical resale listings show an eight-passenger club cabin with a belted lavatory, Sperry SPZ-500 flight controls and TKS wing anti-icing. Many have avionics or engine upgrades.

KEY TAKEAWAYS

- Power is two Pratt & Whitney JT15D-4B turbofans, described as an improved 2,500 lbf engine.
- One spec sheet gives 15,100 lb max takeoff weight and 5,782 lb usable fuel. It quotes only 839 lb max payload, so passengers and fuel trade off.
- Example listings range from 5,411.9 to 11,590 airframe hours. Compare engine hot-section and overhaul times closely.
- Re-engine conversions exist. A Clifford FJ44-3 package is described at 2,820 lbs thrust with a 5000 hour TBO.

DESIGN AND WING

The S/II was refined from the Citation II. It has a reshaped wing, a thinner engine pylon and a longer pylon duck tail. Drag rise starts between 0.59 and 0.64 Mach. TKS anti-icing fluid (63 pounds) replaced the boots and bleed-air cuff. A spring interconnect links rudder and aileron.

EQUIPMENT TO INSPECT

Listings cite thrust reversers, Freon air conditioning, CESCO maintenance tracking, Garmin GTN 750/650 or MX20 avionics, and Sierra modifications (radome, glareshield annunciator, nose baggage). Interiors are typically a center club with refreshment center, tables and a belted lavatory. Verify each item and its paperwork.

ENGINE CONVERSION OPTION

A 2010 Clifford FJ44-3 conversion is described as a \$2.395-million improvement package. It adds FADEC, new Williams engines and carbon fiber aft cowls. The seller claims cruise speed up nearly 20% and fuel flow down 30%. Treat these as seller claims and check the engine program (TAP BLUE or TAP Elite) and conversion records.

SPECIFICATIONS

Usable Fuel Gal	869
Engine Thrust Lbs	2500

PERFORMANCE

Max Cruise Speed Kts	386
Long Range Cruise Speed Kts	348
Service Ceiling Ft	43000
Range Nm	1990
Fuel Burn Gph	175
Balanced Field Length Ft	3240
Landing Distance Ft	3437

WEIGHT & BALANCE

Max Takeoff Weight Lbs	15100
Empty Weight Lbs	9100
Useful Load Lbs	6000
Usable Fuel Lbs	5782
Max Payload Lbs	839

SAFETY NOTES

- Seller sheets say specifications are subject to buyer verification. Confirm times, weights and equipment by inspection and logbook review.
- The 1984 article says icing certification of the TKS system was not complete at press time. Confirm the TKS system's status and condition on the aircraft you are considering.
- Check the phase inspection history. One listing shows Phases 1 to 5 with future due dates, and another shows an overhaul and hot-section time for each engine.