

Cessna Citation VII Model Guide

The Cessna Citation VII is a Citation III derivative built from 1992 to 2000. It has two Garrett/Honeywell TFE731-4 turbofans, each rated at 4,000 pounds thrust in the 1992 pilot report. The library record lists 8 to 13 seats. The pilot report calls it the flagship of the Cessna fleet, with the same 53.5-foot wing as the III and VI. The registry family lists up to 2340 nm range and a 47000 ft ceiling.

KEY TAKEAWAYS

- Derived from the Citation III, with new TFE731-4 engines meant to improve climb, payload and range from shorter runways.
- Example 1995 listing: max takeoff 23,000 lbs, basic empty 13,945 lbs, usable fuel 7,480 lbs. Verify on the aircraft you view.
- Heated baggage compartment: 61 cubic feet, rated 700 pounds, loaded through a 25-inch door.
- Type rating is CE-650. CAE's initial course runs 13 days: 43 hrs ground school and 28 hrs simulator.

ENGINES, APU AND MAINTENANCE

The engines are TFE731-4R-2S. The example listing shows both enrolled in Honeywell MSP Gold, with major periodic and overhaul inspections tracked per engine. Service bulletin TFE731-76-3065 (N1 DEEC) applies to this engine on the Citation VII, so check the engine log. The APU is a Garrett GTCP 36-150(W). Its original warranty ran 36 months or 2,000 APU hours, so confirm status.

AVIONICS AND UPGRADES

The example 1995 aircraft has Honeywell SPZ-8000 with 5 displays, RVSM, TCAS 7.0 and TAWS. A Universal Avionics InSight glass-cockpit STC is available for the Citation VII. It costs \$625,000 to \$750,000, takes 8-12 weeks to install and adds 150 pounds. Pilots need training on the new system.

CABIN AND WHAT TO CHECK

The example aircraft has an eight-seat executive layout with a forward divan, a refreshment center and an aft belted lavatory. Its interior was refurbished in 2002 and it has had four owners since new. Compare total time, landings, engine inspection status, avionics and interior condition between aircraft.

SPECIFICATIONS

Wing Span Ft	53.5
Engine Thrust Each Lbs	4000
Baggage Capacity Lbs	700

WEIGHT & BALANCE

Max Ramp Weight Lbs	23200
Max Takeoff Weight Lbs	23000
Max Landing Weight Lbs	20000
Max Zero Fuel Weight Lbs	16500
Basic Empty Weight Lbs	13945
Max Usable Fuel Lbs	7480

SAFETY NOTES

- The broker advises an independent pre-purchase inspection. Listing specs are subject to verification on inspection.
- The DEEC protects the engine on takeoff, but the pilot report still advises checking the engine gauges.
- Training on any new avionics is required after an InSight installation.