

Cessna Citation V Model Guide

The Cessna Citation V (Model 560) is a twin-turbofan light business jet built 1989-1994, seating 7 to 8. A 1997 magazine review says its Pratt & Whitney Canada JT15D-5A engines pushed maximum cruise speed up to 427 knots. The wider 560 family (560 and 560XL) reaches up to 2,500 nm and 446 kt, but those are family maxima, not Cessna Citation V figures.

KEY TAKEAWAYS

- The sample 1990 listing shows 8 seats, 15,900 lb max takeoff weight, 9,705 lb empty weight and a \$995,000 asking price in 2011. Verify any aircraft you consider.
- The Citation V has a straight wing with four-section Fowler flaps. The review says the wing's extra internal volume holds about 800 pounds more fuel.
- It is certified for flight in icing that is not severe. The 2005 Pueblo crash shows why deice-boot and approach-speed procedures matter.
- Check compliance with the angle-of-attack and stall-warning airworthiness directives (CASA AD 560/5 and AD 560/10).

WHAT TO INSPECT ON A USED EXAMPLE

The sample 1990 listing (S/N 560-0068) shows airframe total time 6,625.2, 6,651 landings and JT15D-5A engine overhaul due at 6,956. Maintenance was tracked by CESCO/CAMP, and Phase 1-4 inspections were next due 6/30/2013. It states no known damage history. The broker urges an independent pre-purchase inspection.

WEIGHTS AND CABIN

Weights in the sample listing: max ramp 16,100 lb, max takeoff 15,900 lb, max landing 15,200 lb, zero fuel 11,200 lb, empty 9,705 lb. The cabin was a seven-passenger center club plus an aft belted lavatory seat, for 8 seats. Avionics included Honeywell SPZ-500 autopilot and 3-tube EFIS, and a Global GNS-XLS FMS with GPS.

SYSTEMS BACKGROUND (ULTRA REVIEW)

A 1997 review of the Citation Ultra, the Citation V's successor, describes an aluminum airframe, simple systems and left and right wing tanks with over-wing filler ports. It notes there are no fuel heaters, so an anti-icing additive is needed for fuel that is not pre-mixed. It says one in five new turboprops sold in the prior five years was an Ultra or Citation V.

SPECIFICATIONS

Seats Min	7
Seats Max	8

PERFORMANCE

Max Cruise Speed Kt	427
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WEIGHT & BALANCE

Max Ramp Weight Lbs	16100
Max Takeoff Weight Lbs	15900
Max Landing Weight Lbs	15200
Zero Fuel Weight Lbs	11200
Empty Weight Lbs	9705

SAFETY NOTES

- On Feb 16, 2005 a Citation V crashed near Pueblo, killing two pilots and six passengers. NTSB cited failure to cycle deice boots and raise approach speed in icing.
- CASA AD 560/5 (effective 3 April 2000, S/N 560-0001 to 0437) followed uncommanded-roll reports in ice. AOA computers P/N C11606-2 or C11606-3 must not be installed.
- CASA AD 560/10 (effective 12 March 2009, S/N 560-0001 to 0538) requires an AOA system functional test per ASL560-34-34 or ASL560-34-35. Ask for proof.