

Cessna Citation XLS Model Guide

The Cessna Citation XLS is a twin-turboprop business jet built from 2004 to 2008. It seats 8 to 12 and uses two Pratt & Whitney Canada PW545B engines with a Honeywell Primus 1000 avionics suite. The registry family (560 and 560XL) reaches up to 2500 nm range and 446 kt cruise. Those are family maxima, not XLS-specific figures.

KEY TAKEAWAYS

- Production ran 2004 to 2008; seating is 8 to 12, and one listed example has an 8-passenger executive interior.
- Two PW545B turboprops, each rated at 4095 lbs static thrust for takeoff at 59°F.
- Avionics are Honeywell Primus 1000; the listed example has three DU-870 displays and dual UNS-1Esw FMS.
- Check engine and APU program enrollment, cycles, and inspection due dates; listing specs are preliminary until inspected.

ENGINES AND SYSTEMS

The PW545B is a turboprop with a 3.8 to 1 bypass ratio. About 80% of the airflow bypasses the core. An electronic engine control runs in AUTO mode and drops to MANUAL on a major fault. Ground idle engages eight seconds after landing to save brake life. A tailcone-mounted ECU supplies cabin cooling and pressurization air.

WHAT A USED EXAMPLE LOOKS LIKE

One listed 2008 example shows 8068.7 airframe hours and 4612 landings. Its engines have 7361.7 and 7910.2 hours, and its APU is a Honeywell RE-100 (XL). It has engines on PowerAdvantage+, APU on AuxAdvantage, an interior refurbished in July 2018, and Gogo ATG 5000 internet. Its inspection schedule runs from 12 to 96 months.

TRAINING AND SUPPORT

A 2007 European operational evaluation (JOEB process) covers type rating and operations for the Citation C560XL/XLS. For maintenance, CAE lists an initial PW545 engine course of 60 hours over 10 days. Budget for pilot type-rating training and technicians who know the type.

SPECIFICATIONS

Engine Thrust Each Lbs	4095
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PERFORMANCE

Family Max Range Nm	2500
Family Max Cruise Speed Kt	446
Family Max Service Ceiling Ft	47000

SAFETY NOTES

- An ACM over-temperature above 420°F closes the tailcone valves and opens the emergency pressurization valve. EMERG PRESS ON and ACM O'HEAT lights come on.
- Turn windshield heat on before descending from altitude, so the glass clears for descent into high humidity.
- If the engine control faults, it reverts to MANUAL mode, and automatic engine synchronization is then unavailable.