

CESSNA 172Q CUTLASS Model Guide

The CESSNA 172Q CUTLASS is a 1983 model-year single-engine piston Cessna. Its Information Manual lists a carbureted 180 hp Lycoming O-360-A4N and a fixed-pitch propeller. The manual quotes 122 knots cruise at 75% power at 8500 ft. Total fuel is 54 gallons with standard tanks or 68 gallons with long range tanks.

KEY TAKEAWAYS

- 180 hp Lycoming O-360-A4N, fixed-pitch prop: 122 kt cruise at 75% power at 8500 ft, 124 kt maximum at sea level.
- Max ramp weight 2558 lb, takeoff/landing 2550 lb. Useful load is 1072 lb (Cutlass) with a 120 lb baggage allowance.
- Standard tanks hold 54 gal (50 usable); long range tanks hold 68 gal (62 usable), for up to 775 nm of range.
- Registry-style data conflicts with the manual (engine, weights). Verify against the airplane's own POH.

PERFORMANCE (MANUAL FIGURES)

Takeoff ground roll is 960 ft, or 1690 ft over a 50-ft obstacle. Landing ground roll is 575 ft, or 1335 ft over 50 ft. Climb at sea level is 680 fpm and service ceiling is 17000 ft. Stall is 53 knots flaps up and 48 knots flaps down. Figures assume standard atmosphere, level hard dry runway and no wind; individual airplanes vary.

RANGE AND FUEL

At 75% power with 50 usable gallons, the manual shows 475 nm in 4.0 hrs. With 62 usable gallons it shows 620 nm in 5.2 hrs. Maximum range at 10,000 ft is 600 nm (6.4 hrs) with 50 gallons and 775 nm (8.2 hrs) with 62 gallons. These figures include a 45 minute reserve. Confirm which tank option the airplane has.

WHAT TO CHECK BEFORE BUYING

Ask whether the engine was overhauled or had cylinders replaced, since AD 2009-26-12 covers ECi Titan cylinders on the O-360. Check the engine mount vibration isolators; the vendor recommends replacing them at every overhaul. Oil capacity is 9 qts. Check magneto drop on the run-up: a max drop of 125 rpm and a difference between mags of 50 rpm.

SPECIFICATIONS

Engine Hp	180
Empty Weight Lbs	1486
Useful Load Lbs	1072
Max Ramp Weight Lbs	2558
Max Takeoff Weight Lbs	2550
Baggage Allowance Lbs	120
Fuel Capacity Gal	54
Long Range Fuel Capacity Gal	68

PERFORMANCE

Max Speed Kts	124
Cruise Speed Kts	122
Rate Of Climb Fpm	680
Service Ceiling Ft	17000
Takeoff Ground Roll Ft	960
Takeoff Distance Over 50ft Ft	1690
Landing Ground Roll Ft	575
Max Range Nm	775

V-SPEEDS

Stall Speed Clean Kts	53
Stall Speed Landing Kts	48
Rotation Speed Kts	55

WEIGHT & BALANCE

Empty Weight Lbs	1486
Useful Load Lbs	1072
Max Ramp Weight Lbs	2558
Max Takeoff Weight Lbs	2550
Baggage Allowance Lbs	120

SAFETY NOTES

- The 172Q Information Manual is for general purposes only and is not kept current. Operate from the airplane's official POH/AFM.
- AD 2009-26-12 applies to engines overhauled or with cylinders replaced. If it applies, confirm compliance records for the O-360-A4N.
- Weights and engine data vary between sources. Use the weight and balance data for the specific airplane, not generic listings.