

Cessna 162 Skycatcher Model Guide

The Cessna 162 Skycatcher is a two-seat, high-wing Light Sport piston single, built 2009 to 2013. It has a Teledyne Continental O-200D engine (100 BHP at 2750 RPM), a fixed-pitch propeller and a Garmin G300 glass panel. Handbook figures: 118 knots maximum speed, 336 NM range and 490 lb maximum useful load.

KEY TAKEAWAYS

- Two seats, 24 gallons usable fuel, 50 lb baggage allowance and a 490 lb maximum useful load: payload is limited.
- Handbook cruise is 109 knots at 69% power at 6000 ft, with a range of 336 NM and 3.16 hours endurance.
- Short-field figures at sea level: 640 ft takeoff ground roll and 671 ft landing ground roll.
- Check the empty weight against the 894 lb Light Sport limit, especially after added equipment.

WEIGHTS AND WHAT IT CARRIES

Maximum takeoff and landing weight is 1320 lb, and maximum ramp weight is 1324 lb. Standard empty weight is 834 lb and maximum empty weight is 894 lb. Useful load is 490 lb and the baggage allowance is 50 lb. With 24 gallons usable fuel, check payload against the actual aircraft's weight and balance records.

PERFORMANCE (HANDBOOK, SEA LEVEL UNLESS NOTED)

Maximum speed is 118 knots and cruise is 109 knots at 69% power at 6000 ft. Rate of climb is 880 fpm and service ceiling is 14,625 ft. Takeoff over a 50 ft obstacle needs 1138 ft and landing needs 1369 ft. Stall speed is 41 KIAS flaps up and 37 KIAS flaps full. Wheel fairings add about 2 knots.

AVIONICS, OPTIONS AND SERVICE ITEMS

The handbook covers aircraft with the Garmin G300 integrated cockpit system. Options named in the documents include an autopilot, a secondary multi-function display and a BRS airframe parachute. Service Bulletin SB19-34-01 is an optional 978 MHz UAT ADS-B Out install for serials 16200002 through 16200237. It adds 3.50 lb. Ask which options and bulletins are done.

SPECIFICATIONS

Engine Power Hp	100
Fuel Capacity Usable Gal	24
Propeller Diameter Inches	67
Max Takeoff Weight Lbs	1320

PERFORMANCE

Max Speed Kts	118
Cruise Speed Kts	109
Range Nm	336
Rate Of Climb Fpm	880
Service Ceiling Ft	14625
Takeoff Ground Roll Ft	640
Takeoff Over 50ft Obstacle Ft	1138
Landing Ground Roll Ft	671

V-SPEEDS

Stall Speed Flaps Up Kts	41
Stall Speed Flaps Full Kts	37

WEIGHT & BALANCE

Max Ramp Weight Lbs	1324
Max Takeoff Weight Lbs	1320
Max Landing Weight Lbs	1320
Standard Empty Weight Lbs	834
Max Empty Weight Lbs	894
Useful Load Lbs	490
Baggage Allowance Lbs	50

SAFETY NOTES

- The airplane must not exceed 894 lb empty weight; heavier aircraft do not meet Special Light Sport compliance. Review the weight and balance records before any modification.
- Day and night VFR operations only; the checkout syllabus labels it a Light Sport aircraft.
- Installing aftermarket window vents will void the window warranty, according to Cessna's supplemental approval document.