

Cessna 162 SkyCatcher



Cessna 162

The new Cessna 162 SkyCatcher (Light Sport Aircraft) is an all-metal, single engine piston, high-wing monoplane with a two-person seating capacity including the pilot. Suitable allowance for luggage is provided aft of the seats.

The 162 will be equipped per FAR 91.205 to meet both Day and Night VFR flight requirements.

Cessna's worldwide network of authorized service centers provides a complete source for all servicing needs.



General Specification

Please note that the following are preliminary specifications and subject to change.



Certification The Cessna 162 SkyCatcher is designed and built to comply with the American Society for Testing and Materials International (ASTM) standards for Light Sport Aircraft and it meets the limitation and Special Certificate of Airworthiness requirements for a Light Sport category aircraft as defined by the FAA in CFR Part 1.1 and CFR Part 21.190. Certification within New Zealand is currently under review with a new Part 21 ruling due late 2007. It is expected that the Cessna 162 SkyCatcher will be approved for Flight Training.

Engine	Continental O-200D producing 100Hp at 2750rpm
Propeller	Composite Two-Blade Fixed Pitch
Service Ceiling	15,500ft (4724.4m)
Maximum Gross Weight	1320lbs (598.7Kg)
Maximum Useful Load	490lbs (222.3Kg)
Fuel Capacity (Usable)	24gal (90.85 l)
Overall Height	8.3ft (2.53m)
Overall Length	22.8ft (6.95m)

Span	30ft (9.14m)
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Cabin Width at Shoulders	44.25in (112.4cm)
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Performance

Conditions

All preliminary performance data is based on the standard aircraft configuration with the optional wheel pants, operating in International Standard Atmosphere (ISA) conditions with zero wind. Takeoff and landing field lengths are based on a level, hard surface, dry runway. Actual performance will vary with individual airplanes and other factors such as environmental conditions, aircraft configuration, and operational/ATC procedures.

Estimated performance shown with 30 minutes of fuel reserve.



Takeoff Distance S.L. (Ground Roll)	770ft (234.7m)
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Takeoff Distance S.L. (To Clear 50ft Obstacle)	1250ft (381m)
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Max Climb Rate S.L.	890fpm (271.3m)
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Max Speed S.L.	118Kts (219km/hr)
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Max Range and Endurance at 6000ft	470nm / 5.8hrs
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Cruise Speed (77% pwr at 6000ft)

112Kts (207km/hr)

Cruise Range and Endurance (77% pwr at 6000ft)

390nm / 3.4hrs

Landing Distance (Ground Roll)

420ft (128m)

Landing Distance (To Clear 50ft Obstacle)

1040ft (317m)

Equipment List

Cessna 162 SkyCatcher Preliminary Equipment List

The following list of equipment is included on the standard aircraft and may not reflect optional equipment that you may have chosen to be added.

Avionics and Instrumentation

- A single Garmin G300 display will provide primary flight and engine information in a split screen format.
- A Garmin SL40 Com radio, Garmin GTX327 Mode C transponder, and a 121.5 Mhz ELT will be standard equipment.



Interior

- The Skycatcher interior consists of the following amenities:
- Two removable seats containing material wrapped foam padding
- Adjustable seat belts and shoulder harnesses
- A neutrally painted interior
- Armrests on the cabin doors
- Glareshield with LED wash lighting

- Center console containing map and general storage areas
- 12.5 (.35 m3) cubic foot baggage compartment accessible by rotating the seats forward
- Baggage net provided to retain articles in the baggage compartment



Exterior

- The Skycatcher will receive an overall solid color with optional graphic designs to be determined on an annual basis.