

Cessna 150M Performance and Specifications

General characteristics

- **Crew:** one
- **Capacity:** one passenger (plus two children not exceeding 120 lb (54 kg) on optional bench seat in baggage space)
- **Length:** 23 ft 11 in (7.29 m)
- **Wingspan:** 33 ft 2 in (10.11 m)
- **Height:** 8 ft 6 in (2.59 m)
- **Wing area:** 160 sq ft (15 m²)
- **Aspect ratio:** 6.7:1
- **Airfoil:** NACA 2412
- **Empty weight:** 1,122 lb (509 kg)
- **Max takeoff weight:** 1,600 lb (726 kg)
- **Fuel capacity:** 22.5 US gal (18.7 imp gal; 85 L) usable internal fuel
- **Powerplant:** 1 × [Continental O-200-A](#) air-cooled horizontally-opposed engine, 100 hp (75 kW)
- **Propellers:** 2-bladed McCauley metal fixed-pitch propeller, 5 ft 9 in (1.75 m) diameter

Performance

- **Maximum speed:** 109 kn (125 mph, 202 km/h) at sea level
- **Cruise speed:** 82 kn (94 mph, 152 km/h) at 10,000 ft (3,050 m) (econ cruise)
- **Stall speed:** 42 kn (48 mph, 78 km/h) (flaps down, power off)
- **Never exceed speed:** 140 kn (160 mph, 260 km/h)
- **Range:** 420 nmi (480 mi, 780 km) (econ cruise, standard fuel)
- **Service ceiling:** 14,000 ft (4,300 m)
- **Rate of climb:** 670 ft/min (3.4 m/s)
- **Take-off run to 50 ft (15 m):** 1,385 ft (422 m)
- **Landing run from 50 ft (15 m):** 1,075 ft (328 m)

Source: *Jane's All The World's Aircraft* and https://en.wikipedia.org/wiki/Cessna_150#cite_note-jawa76_p254-38