

Cessna 172 M

N5013R
1974 model
4 passenger.
VFR/IFR trainer

Engine: Lycoming O-320-E2D engine.
150 Horse power.

Fuel: 100LL
Fuel Capacity: 42 gal. (38 useable)
Oil: 8qts. 6 qts. (Aeroshell W100)
Fixed pitch propeller: 75 in

Max takeoff weight: 2300 lbs.
Useful Load: 849 lbs.
Max Baggage Area Weight: 120 lbs.

Cruise speed 75% power: 135 mph
Cruise range (No Reserve) 795 mi

5.9 hrs
Service Ceiling: 13,100 ft.

Takeoff Roll: 865 ft.
Landing Roll: 520 ft.

“V speeds”		Knots(Miles Per Hour (MPH))			
V _r	55(63)	V _x	64(74)	V _y	78(90)
V _{so}	41(47)	V _s	47(54)	V _g	70(80)
V _a	90(104)	V _{no}	128(147)	V _{fe}	85(98)
V _{ne}	160(184)	V _{ref}	70(81)	V _{ref30}	60(69)

Cruise performance:

2300rpm	99kts.	6.4 gph	54% power
2450rpm	108kts	7.1 gph	63% power
2625rpm	117kts	8.3 gph.	75% power