

Piper Cherokee 180

N15946

4 passenger.

VFR/IFR trainer

Engine: Lycoming O-360-A4A engine.
180 Horse power.

Fuel: 100LL
Fuel Capacity: 50 useable
Oil: 8qts. 6qts. (Aeroshell W100)
Fixed pitch propeller

Max takeoff weight: 2400 lbs.
Useful Load: lbs.
Max Baggage Area Weight: 200 lbs.

Cruise speed 75% power: 142 mph
Cruise range (No Reserve) smi

hrs
Service Ceiling: ft.

“V speeds”		Knots(Miles Per Hour (MPH))			
V _r	48(55)	V _x	64(74)	V _y	74(85)
V _{so}	50(57)	V _s	58(67)	V _g	70(80)
V _a	94(108)	V _{no}	122(148)	V _{fe}	100(115)
V _{ne}	149(171)	V _{ref}	75(86)	V _{ref30}	65(75)

Cruise performance:

2150rpm	106kts. gph	55% power
2300rpm	115kts	gph 65% power
2640rpm	124kts	gph. 75% power