

Piper PA-32R-300 Lance

1976-1978

SPECIFICATIONS

Engine make/model:	Lyc. IO-540-K1A5D
Horsepower:	300
TBO hrs.:	2000
Propeller:	Const. spd.
Landing gear type:	Tri/Retr.
Gross weight (lbs.):	3600
Empty weight, std. (lbs.):	1973
Useful load, std. (lbs.):	1627
Fuel (gals.):	94
Wingspan:	32 ft. 8 in.
Overall length:	27 ft. 7 in.
Height:	7 ft. 9 in.
Wing area (sq. ft.):	174.5
Seating capacity:	6-7

Cabin width (in.): 49

Cabin height (in.): 48.5

Baggage capacity (lbs.): 200

PERFORMANCE

Cruise speed (kts.):

75% power: 158

65% power: 148

Max range (w/ reserve) (nm):

75% power: 700

65% power: 800

Fuel consumption (gph):

75% power: 16.5

65% power: 14.0

Estimated endurance (65% power with 1-hr. reserve): 5 hrs. 30 mins.

Stall speed (gear, flaps down) (knots): 61

Best rate of climb (fpm): 1000

Service ceiling (ft.): 14,600

Takeoff ground roll (ft.): 970

Landing ground roll (ft.): 870

