

## Specifications & Performance – 1976 Piper Pressurized Navajo

*All specs and performance numbers are drawn from official sources, often the aircraft flight manual or the manufacturer's web site. On used aircraft, common sources of information are Jane's All-The-World's Aircraft or Penton's Aircraft Bluebook Price Digest.*

### Specifications

Engine make/model: Lyc TOGO-541-E1A

Horsepower@altitude: 425 @ 20,000'

Horsepower on takeoff: 425

TBO – hours: 1200

Fuel type: 100LL

Propeller: 3 blade CS

Landing gear type: Tri/Retr

Gross weight (lbs): 7800

Std empty weight (lbs): 5044

Useful load – std (lbs): 2756

Usable fuel – std (gal/lbs): 236/1416

Payload – full std fuel (lbs): 1340

Wingspan: 40' 7"

Overall length: 34' 5"

Height: 14' 3"

Wing area (sq ft): 228.7

Wing loading (lbs/sq ft): 34.1

Power loading (lbs/hp): 9.2

Wheel size: 6.00 x 6

Seating capacity: 7

Cabin doors:	1
Cabin width (in):	50
Cabin height (in):	50

**Performance**

Cruise speed (kts):	75% 220
Fuel Consumption (gph):	75% 58
Best rate of climb, SL (fpm):	1740
S/E rate of climb, SL (fpm):	240
Maximum Operating Altitude (ft):	28,000
S/E Service Ceiling (ft):	12,100
Stall – V <sub>so</sub> (kts):	73
TO ground roll (ft):	1440
TO over 50 ft (ft):	2200
Ldg ground roll (ft):	1370
Ldg over 50 ft (ft):	2700