

PIPER WARRIOR

**1977 PIPER
CHEROKEE
WARRIOR**

**1977 PIPER
CHEROKEE
WARRIOR II**

**2007 PIPER
CHEROKEE
WARRIOR III**

| | PA-28-151 | PA-28-161 | PA-28-161 |
|---|----------------|----------------------|----------------|
| Engine: | | | |
| Model | Lyc. O-320-E3D | Lyc. O-320-D2A | Lyc. O-320-D3G |
| No. Cylinders | 4 | 4 | 4 |
| Displacement | 319.8 | 319.8 | 319.8 |
| HP | 150 | 160 | 160 |
| Carbureted Or Fuel Injected | Carbureted | Carbureted | Carbureted |
| Fixed Pitch/ Constant Speed Propeller | Fixed Pitch | Fixed Pitch | Fixed Pitch |
| | | | |
| Fuel: | | | |
| Fuel Capacity | 50 gallons | 50 gallons | 50 gallons |
| Min. Octane Fuel | 80 | 100 | 100 |
| Avg. Fuel Burn at 75% power in standard conditions per hour | 8.4 gallons | About 8.5-10 gallons | Unknown |
| | | | |
| Weights and Capacities: | | | |
| Takeoff/Landing Weight Normal Category | 2,325 lbs. | 2,325 lbs. | 2,440 lbs. |
| Takeoff/Landing Weight Utility Category | 1,950 lbs. | 2,020 lbs. | 2,020 lbs. |
| Standard Empty Weight | 1,336 lbs. | 1,391 lbs. | 1,539 lbs. |
| Max. Useful Load Normal Category | 989 lbs. | 934 lbs. | 901 lbs. |
| Max. Useful Load Utility Category | 614 lbs. | 629 lbs. | 481 lbs |

| | | | |
|-----------------------------------|-------------------|-------------------|----------|
| Baggage Capacity | 200 lbs. | 200 lbs. | 200 lbs. |
| Oil Capacity | 8 quarts | 8 quarts | 8 quarts |
| | | | |
| Performance | | | |
| Do Not Exceed Speed | 153 KCAS | 153 KCAS | 160 KCAS |
| Max. Structural Cruising Speed | 122 KCAS | 122 KCAS | 126 KCAS |
| Stall Speed Clean | 44 Knots | 50 Knots | Unknown |
| Stall Speed Landing Configuration | 38 Knots | 44 Knots | 44 KIAS |
| Climb Best Rate | 650 FPM | 710 FPM | Unknown |
| Wing Loading | 13.7 lbs./sq. ft. | 13.7 lbs./sq. ft. | Unknown |
| Power Loading | 15.5 lbs./hp | 14.5 lbs./hp. | Unknown |
| Service Ceiling | 12,700 ft. | 13,000 ft. | 11,000 |