

Piper PA-32R-301 Saratoga II HP**Base price: \$309,800**

Specifications	
Powerplant	Lycoming IO-540-K1G5, 300 hp @ 2,700 rpm
Recommended TBO	2,000 hr
Propeller	Hartzell constant-speed, three-blade, 78-in diameter
Length	27 ft 8 in
Height	8 ft 2 in
Wingspan	36 ft 2 in
Wing area	178 sq ft
Wing loading	20.2 lb/sq ft
Power loading	12 lb/hp
Seats	6
Cabin length	10 ft 5 in
Cabin width	4 ft 1 in
Cabin height	4 ft 1 in
Empty weight	2,500 lb
Gross weight	3,600 lb
Useful load	1,253 lb
Payload w/full fuel	641 lb
Fuel capacity	642 lb (612 lb usable) 107 gal (102 gal usable)
Oil capacity	12 qt
Baggage capacity	200 lb, 24.3 cu ft
Performance	
Takeoff distance, ground roll	1,196 ft
Takeoff distance over 50-ft obstacle	1,768 ft
Max demonstrated crosswind component	17 kt
Rate of climb, sea level	1,110 fpm
Cruise speed/endurance w/45-min rsv, std fuel, mid-weight (fuel consumption)	
@ 78% power, best power, 5,000 ft	166 kt/5.1 hr (17.5 gph/102 pph)
@ 75% power, best power, 5,000 ft	164 kt/5.3 hr (16.8 gph/100.8 pph)
Landing distance over 50-ft obstacle	1,460 ft
Landing distance, ground roll	640 ft
Limiting and recommended airspeeds	
VX (best angle of climb)	80 KIAS
VY (best rate of climb)	91 KIAS
VA (design maneuvering)	134 KIAS
VFE (max flap extended)	112 KIAS
VLE (max gear extended)	132 KIAS
VNO (max structural cruising)	160 KIAS
VNE (never exceed)	193 KIAS
VS1 (stall clean)	65 KIAS
VSO (stall in landing configuration)	60 KIAS

For more information, contact Piper Aircraft Corporation, 2926 Piper Drive, Vero Beach, Florida 32960; telephone 407/567-4361; fax 407/770-2237.

All specifications are based on manufacturer's calculations. Additional cruise information and service ceiling information still being calculated at press time. All performance figures are based on standard day, standard atmosphere, sea level, gross weight conditions unless otherwise noted.