







Piper Turbo Saratoga PA-32R-301T			Payload w/full fuel, as tested 616.5 lb		@55% power, best power		
Base price \$112,580			Max takeoff weight		3,600 lb	10,000 ft	136 kt/950 nm
Price as tested \$170,245			Fuel capacity 642 lb (612 lb usable)		(73.8 pph/12.3 gph)		
AOPA Pilot Operations/Equipment				107 gal (102 gal usable)	20,000 ft	145 kt/940 nm
Category*: IFR			Oil capacity 12 qt		(73.8	3 pph/12.3 gph)	
			Baggage capacity			Max operating altitude	20,000 ft
Specifications			Front		100 lb, 7 cu ft	Landing distance over 50-ft ob	st 1,725 ft
Powerplant	Avco Lycoming	TIO-540-S1AD,	Aft	10	00 lb, 17.3 cu ft	Landing distance, ground roll	732 ft
300 hp @ 2,700 rpm		Performance			Limiting and Recommended Airspeeds		
Recommended TBO 1,800 hr			Takeoff distance, grou	and roll	960 ft	Vx (Best angle of climb)	82 KIAS
Propeller	Hartzell 3-blade	, constant speed,	Takeoff distance over	50-ft obst	1,420 ft	Vy (Best rate of climb)	92 KIAS
78 in dia, (2-blade standard)			Max demonstrated crosswind			Va (Design maneuvering)	134 KIAS
Length		28 ft 2.4 in	component		17 kt	Vfe (Max flap extended)	112 KIAS
Height		8 ft 2.4 in	Rate of climb, sea lev	el	1,120 fpm	Vle (Max gear extended)	132 KIAS
Wingspan		36 ft 2.4 in	Max level speed, sea	level	166 kt .	Vlo (Max gear operating)	
Wing area		178.3 sq ft	Max level speed, 17,0	000 ft	195 kt	Extend	132 KIAS
Wing loading 20.6 lb/sq ft		Cruise speed/Range w/45-min rsv, std fuel			Retract	110 KIAS	
Power loading 12 lb/hp		(fuel consumption)			Vno (Max structural cruising)	154 KIAS	
Seats		6	@75% power, best power			Vne (Never exceed)	197 KIAS
Cabin length		125 in	10,000 ft		164 kt/720 nm	Vsi (Stall clean)	63 KIAS
Cabin width 4		49 in		(99	pph/16.5 gph)	Vso (Stall in landing configura	ation) 60 KIAS
Cabin height 49 i		49 in	20,000 ft		176 kt/730 nm	All specifications are based on 1	nanufacturer's
Empty weight 2,072 lb			(99	pph/16.5 gph)	calculations. All performance fig	gures are based	
Empty weight, as tested 2,388.5 lb		@65% power, best power			on standard day, standard atmosphere, at sea		
Max ramp weight 3,617 lb		10,000 ft 150 kt/910 nm		level and gross weight, unless otherwise noted.			
Useful load 1,539 lb		1,539 lb	(84 pph/14 gph)		*Operations/Equipment Category reflects this		
Useful load, as tested 1,228.5 lb		20,000 ft	(1	(60 kt/920 nm)	aircraft's maximum potential.	See June 1982	
Payload w/full fuel 927		927 lb		(8	4 pph/14 gph)	Pilot, p. 93.	