

	1980 PA-32R-301T PIPER TURBO SARATOGA SP	1980 PA-32-301T PIPER TURBO SARATOGA
Engine		
• Model	Lycoming TIO-540-S1AD	Lycoming TIO-540-S1AD
• # Cylinders	6	6
• Displacement	541.5 cu. in.	541.5 cu. in.
• HP	300	300
• Carb./Fuel Inj.	Fuel Injected	Fuel Injected
Prop	Constant Speed	Constant Speed
Fuel		
• Capacity	107 Gallons	107 Gallons
• Usable	102 Gallons	102 Gallons
• Min. Octane	100	100
• Avg. FF @ 75% pwr. (Std. Cond.)	16.5 GPH	19.9 GPH
Weights and Capacities		
• T/O – Landing	3,600 lbs.	3,600 lbs.
• Std. EW	2,133 lbs.	1,999 lbs.
• Max. Useful Load	1,467 lbs.	1,601 lbs.
• Baggage Capacity	200 lbs. (100 fore; 100 aft)	200 lbs. (100 fore; 100 aft)
• Oil Capacity	12 Qts.	12 Qts.
Performance		
• Vne	197 KIAS	197 KIAS
• Vno	154 KAS	154 KIAS
• Vs1	61 KIAS	62 KIAS
• Vs	56 KIAS	59 KIAS
• Climb Best Rate	1,100 FPM	1,075 FPM
• Wing Loading	20.2 lbs/ft ²	20.2 lbs/ft ²
• Power Loading	12.0 lbs./hp	12.0 lbs./hp
• Service Ceiling	20,000 ft.	20,000 ft.