

**PA32 Specifications**  
**Compilation by Joe Budge**  
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Model Name	PA32-260 Cherokee 6 260	PA32-300 Cherokee 6 300	PA32S-300 Cherokee 6 Seaplane	PA32-301 Saratoga	PA32-301T Turbo Saratoga	PA32-301FT 6X	PA32-301XTC 6XT	PA32R-300 Lance (Straight Tail)	PA32RT-300 Lance II (T-Tail)	PA32R-301 Saratoga SP	PA32R-301 Saratoga II HP	PA32R-300T Turbo Lance (Straight Tail)	PA32RT-300T Turbo Lance II (T-Tail)	PA32R-301T Turbo Saratoga SP	PA32R-301T Saratoga II TC
<b>Years</b>	65 - 78	66 - 79	1967-1972	80 - 90	80 - 84	05 - 07	05 - 07	76 & 77	78 & 79	80 - 90, 92	94 - 07	76 & 77	78 & 79	80 - 87	94 - 08
<b>Source</b>	TAP	TAP	TCDS	TAP	TAP	Piper	Piper	TAP	TAP	TAP	AOPA	TAP	AvCons	TAP	AOPA
<b>Airframe:</b>															
<b>Wingspan</b>	32.75	32.67	32.67	36.17	36.17	36.2	36.2	32.75	32.67	36.17	36.17	32.67	32.67	36.17	36.17
<b>Length</b>	27.58	27.58		27.67	27.67	27.9	27.9	27.75	27.67	28.17	27.83	28.75	27.67	28.17	27.83
<b>Height</b>	8.17	8.17		8.17	8.17	9.5	9.5	9	9	8.17	8.5	9.42	9.5	8.17	8.5
<b>Cabin Height</b>	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42
<b>Cabin Width</b>	48.75	48.75	48.75	48.75	48.75	48.75	48.75	48.75	48.75	48.75	48.75	48.75	48.75	48.75	48.75
<b>Cabin Length</b>	124.25	124.25	124.25	124.25	124.25	124.25	124.25	124.25	124.25	124.25	124.25	124.25	124.25	124.25	124.25
<b>Wing Area</b>	174.5	174.5	174.5	178.3	178.3	178.3	178.3	174.5	174.5	178.3	178.3	174.5	174.5	178.3	178.3
<b>Landing Gear</b>	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Retractable	Retractable	Retractable	Retractable	Retractable	Retractable	Retractable	Retractable
<b>Std Fuel</b>	50	50	50	102	102	102	102	98	98	102	102	98	98	102	102
<b>Max Fuel</b>	84	84	84	102	102	102	102	98	98	102	102	98	98	102	102
<b>Engine:</b>															
<b>Engine Mfg</b>	Lycoming	Lycoming	Lycoming	Lycoming	Lycoming	Lycoming	Lycoming	Lycoming	Lycoming	Lycoming	Lycoming	Lycoming	Lycoming	Lycoming	Lycoming
<b>Engine</b>	O-540-E4B5	IO-540-K1G5D	IO-540-K1G5D	IO-540-K1G5	IO-540-S1AD	IO-540-K1G5	TIO-540-AH1A	IO-540-K1G5D	IO-540-K1G5D	IO-540-K1G5D	IO-540-K1G5	IO-540-S1AD	IO-540-K1G5D	IO-540-S1AD	TIO-540-AH1A
<b>HP</b>	260	300	300	300	300	300	300	300	300	300	300	300	300	300	300
<b>TBO</b>	2,000	2,000	2,000	2,000	1,800	2,000	2,000	2,000	2,000	2,000	2,000	1,800	2,000	1,800	2,000
<b>Performance:</b>															
<b>Top Speed</b>	146	151		152	178	155	172	156	157	163			166	195	
<b>75% Cruise</b>	139	146		149	158	148	161	153	155	158	165	175	162	176	176
<b>Climb Speed</b>	87	87		91	91			92	92	91			92	91	
<b>Stall (flaps)</b>	55	55		58	58	59	59	52	52	58	60	70	61	58	63
<b>Best Glide</b>	86			80				92					92		
<b>GPH</b>	14	16		16	16.5			16	16	16				16.5	
<b>Range</b>	950	744		823	780	804		780	780	865		678	800	844	750
<b>Srv Ceiling</b>	14,500	16,250		14,100	20,000		20,000	14,600	14,600	16,700	15,588	20,000	20,000	20,000	20,000
<b>Rate of Climb</b>	850	1,050		990	1,075			1,000	1,000	1,010	1,110	1,000	1,000	1,120	950
<b>T/O ovr 50'</b>	1,800	1,350		1,759	1,590	2,028	1,888	1,660	1,690	1,573	1,770	1,660	1,660	1,420	1,810
<b>T/O roll</b>	1,200	900		1,183	1,110	1,284	1,397	960	960	1,013	1,200	960	960	960	1,110
<b>Ldg ovr 50'</b>	1,000	1,000		1,612	1,725	1,822	1,822	1,708	1,708	1,725	1,520	1,710	1,710	1,725	1,700
<b>Ldg roll</b>	630	630		732	732	911	911	880	880	732	640	880	880	732	880
<b>Loading:</b>															
<b>Gross Wt</b>	3,400	3,400	3,400	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600
<b>Zero Fuel Wt</b>	3,112	3,112	3,112												
<b>Empty Wt</b>	1,699	1,789		2,071	2,003	2,216	2,286	1,980	2,003	2,078	2,391	2,071	2,071	2,073	2,465
<b>Useful Load</b>	1,701	1,611		1,529	1,597	1,384	1,314	1,620	1,597	1,522	1,209	1,529	1,529	1,527	1,135
<b>w/Full Fuel</b>	1,197	1,107		917	985	772	702	1,032	1,009	910	597	941	941	915	523

**Notes:**

PA32-300 75% Cruise: Piper quoted 168 mph (146 knots) cruise speed @ 75% power for the PA-32-300 through the 1977 model year. 1978 was the first year of the large landing gear and wheel fairings, and that's when the book speed increased to 151 kts.  
PA-32-260 Cherokee Six has a chart for Vbg 100 mph @ 3400 lbs. and 90 mph @ 2900 lbs.