

Quick Reference Only - Rely only on the POH !

	N2746C	N5291W	N83993	N84176	N742DS	N33U	N1361D	N24JN	N15021
Year	1998	2002	1982	1982	2004	1946	1951	1968	1972
Model	C172R	C172S	PA28-161	PA28-161	DA40-180	C140	C170	PA 28-180	PA 28 200-R
APPROX. Useful Load	764	853	800	800	796			1104	1041
Engine	Lycoming IO-360 – 160hp	Lycoming IO-360-180hp	Lycoming O-320 – 160hp	Lycoming O-320 – 160hp	Lycoming IO-360 – 180hp	Continental C-85 – 85hp	Continental C-145-2 145hp	Lycoming 0-360-A4A 180hp	Lycoming IO-360-C1C
Fuel – per side	28	28	25	25	20.6	12.5	20	25	28
Fuel – ttl Usable	53	53	48	48	40.2	23	37	48	48
Oil	Keep at 66	Keep at 6	Keep at 6	Keep at 6	Keep at 6	Min 3	Keep at 4	Keep at 6	Keep at 6
Tire Pressure Nose/Main	34 / 28 psi	45/ 38 psi	30 / 24 psi	30 / 24 psi	29 / 36 psi	20 / 24 psi	24 mains	24 / 24 psi	30 / 27 psi
Vs0	33 kts	40 kts	44 kts	44 kts	52 kts	45 mph	24 mph	57 mph	64 mph
Vs1	44 kts	48 kts	50 kts	50 kts	49 kts	49 mph	58	57	
Vr	55 kts	55 kts	45 - 55 kts	45 - 55 kts	59 kts	43 mph	n/a	60	65
Vx	60 kts	62 kts	63 kts	63 kts	n/a		76	74	85 / 96
Vy	79 kts	74 kts	79 kts	79 kts	66/73 kts T/O flaps down/up	78 mph	89	85	95 / 100
Best Glide	65 kts	65 kts	73 kts	73 kts	73 kts	66 - 70 mph	70 - 75	85	105
Vfe	85 kts	85 kts	103 kts	103 kts	91 Land 108 T/O	82 mph	100	115	125
Va – gross wt.	99 kts	105 kts	111 kts	111 kts	108 kts	100 mph		129	131
Vlo	n/a	n/a	n/a	n/a	n/a	n/a	n / a	n/a	150
Vno	129 kts	129 kts	126 kts	126 kts	129 kts	n/a	n/a	max nrml	170
Vne	163 kts	163 kts	160 kts	160 kts	178 kts	140 mph	160	171	215
Max Demo XW	15 kts	15 ts	17 kts	17 kts	20 kts	not published	n/a	20	20
Check	\$159	159	149	149	169	128	155	152	170
Credit	164	164	154	154	174	133	160	156	170