

PA-24-250 V Speeds (kts)

2000	2250	2500	2800		Gross Weight
104	110	116	123	Va	Design Maneuvering Speed
61	65	68	72	Vapp	Final approach to landing speed
			108	Vfe	Maximum flap extension speed
			129	Vle	Landing gear extended speed
			129	Vlo	Landing gear operation speed
			199	Vne	Never Exceed speed
			157	Vno	Maximum structural cruising speed
63	66	70	74	Vr	Rotation speed
					Stall speed with flaps and gear extended
48	51	54	57	Vs0	Stall speed with flaps and gear retracted
53	56	60	63	Vs1	Best angle of climb speed
62	65	69	73	Vx	Best rate of climb speed
77	82	86	91	Vy	Best en route rate of climb speed
88	93	98	104		Best Glide Speed Optimum
74	78	82	87	Vbg	Best Glide Speed Endurance
63	66	70	74		Demonstrated crosswind component
			17		

Speeds	KIAS
Max	165
75% @ 7000	157
65% @ 10000	154
55% @ 14000	142
45% @ 15000	130
Stall full flaps/gear ext	56
Clean	62