

# Purdue Aviation Aircraft V Speeds

	<b>C-152</b>	<b>C-172/172SP</b>	<b>C-172RG</b>	<b>PA-28-161</b>	<b>P2006T</b>	
	<i>Skyhawk</i>		<i>Cutlass</i>	<i>Warrior III</i>	<i>Twin Tecnam</i>	
V <sub>G</sub>	60	65	65	61-73	73	[62 V <sub>MC</sub> ] V <sub>G</sub>
V <sub>SO</sub>	35	33	40	42	44	54 V <sub>SO</sub>
V <sub>SI</sub>	40	44	48	50	50	66 V <sub>SI</sub>
V <sub>R</sub>	50	55	55	55	45-55	65 V <sub>R</sub>
V <sub>X</sub>	55	60	62	67 (63 G↓F↑)	63	72 G↑F½ V <sub>X</sub>
V <sub>Y</sub>	67	76	74	84 G↑F↑	79	84 G↑F↑ V <sub>Y</sub>
V <sub>A</sub>	93-104	82-99	90-105	89-106	88-111	122 V <sub>A</sub>
V <sub>LE</sub>				164		122 V <sub>LE</sub>
V <sub>LO</sub>				140		122 V <sub>LO</sub>
V <sub>YSE</sub>						84 G↑F↑ V <sub>YSE</sub>
V <sub>FE</sub>	85	110/85	110/85	130/101	103	122/93 V <sub>FE</sub>
V <sub>NO</sub>	111	127	129	145	126	138 V <sub>NO</sub>
V <sub>NE</sub>	149	158	163	164	160	171 V <sub>NE</sub>
V <sub>APP</sub>	55-65	70-75	60-70	60-70	63	90-70 V <sub>APP</sub>
V <sub>4</sub>	70-80	75-85	75-85	85-95	87	95-105 V <sub>4</sub>
XW	12	15	15	15	17	17 XW
<b>Weights</b>						
Ramp	1675	2407	2558	2658	2447	2712
T/O	1670	2400	2550	2650	2440	2712
Landing	1670	2400	2550	2650	2440	2601
Empty	1171	1505	1676	1693	1522	1909