













PA28-181 Gait v1.6	Flaps	Pitch	RPM	IAS (kts)	VSI (fpm)
 V <sub>G</sub>			idle	76	
 V <sub>R</sub>			max	59	
V <sub>X</sub>			max	64	
 V <sub>Y</sub>		+10°	max	76	+600
 V <sub>Climb</sub>		+5°	max	95	+500
Cruise		0°	2500		0
Cruise Descent		-2.5°	2500		-500
 IAF Inbound Level		+2°	2200	90	0
 IAF Inbound Descent		-2°	1900	90	-800
 Prec Appr to DA	10°	-3°	2000	90	-450
 Non-Prec Appr to MDA	10°	-4°	1700	90	-800
 Downwind			2100	85	0
 Abeam Numbers	10°		1600	75	
 Base	25°		1600	70	
 Final	40°		1600	66	
Short	40°		1600	61?	

Topic	Details
Leaning	100° ROP when above 5000'
V <sub>A</sub>	113 @ mgw 2550lb; 103 @ 2100lb; 100 @ 1950lb -> start with 2100rpm
Short T.O.	25° Flaps, {Rotate, 50ft}@weight: {49, 54}@2550lb; {43,48}@2250lb; {41,46}@2050lb
Magnetos	175 RPM max drop; 50 RPM diff