









PA28-161 Gaits v0.0	Flaps	RPM	IAS (-)
 V <sub>G</sub>		idle	73
 V <sub>R</sub>		max	55
V <sub>X</sub>		max	63
 V <sub>Y</sub>		max	79
 V <sub>Climb</sub>		max	~87
Cruise		2400	~110
Cruise Descent		2500	~126
 Downwind	0	~2100	90
 Abeam Numbers	10	~1500	80
 Base	25	~1500	75
 Final	40	~1500	63
Short	40	~1500	60

Topic	Details
Leaning	50°F ROP, or lean until rough then enrich to smooth
V <sub>A</sub>	111 @ mgw 2440 1b; 88 @ 1531 lb
Short T.O.	25° Flaps, {Rotate, 50ft} @ weight: {52, 57}@2440 lb lb; {48, 53}@ 2200lb
Fuel Burn Est.	~10 GPH (pessimistic)