









PA28-161 Gaits v0.1	Flaps	RPM	IAS (-)
 V _G		idle	73
 V _R		max	55
V _X		max	63
 V _Y		max	79
 V _{Climb}		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 _A	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)
Magnetos	175 RPM max; 50 RPM diff