

PA28-236 Gaits v2.1	Flaps	MP	RPM	IAS (kts)
⚠️ $V_G$			idle	85
⬅️ $V_R$		max	max	65
$V_X$		max	max	73
⬅️ $V_Y$		max	max	85
⬅️ $V_{Climb}$		max	max	100
Cruise		23"	2200	120
Cruise Descent		16"	2200	110-120
➡️ IAF Inbound Level				
➡️ IAF Inbound Descent				
➡️ Prec Appr to DA	10°	13"	max	90
➡️ Non-Prec Appr to MDA	10°			
⬅️ Downwind	10°	16"	max	90
⬅️ Abeam Numbers	10°	13"	max	90
⬅️ Base	25°	13"	max	80
⬅️ Final	25°-40°	as req	max	72
Short	40°	as req	max	59-72

Topic	Details
Leaning	Peak EGT for economy cruise
$V_A$	124kts @ mgw 3000lb; 96kts @ 1761lb
Short T.O.	25° Flaps, {Rotate, 50ft}@weight: {59, 63}@3000lb; {48,52}@2000lb
Fuel Burn Est.	15 gph @ 75% power economy cruise