

# Piper Warrior - Quick Reference

## VH-PBS

MTOW	1057 kg					
Basic Empty Weight	644 kg					
Fuel Capacity (48 US gal)	181.6 Litres Useable					
Percentage of power, fuel flow and RPM for given altitudes (mixture leaned to best power settings)	PWR	Litres/hr	RPM @	2000'	4000'	6000'
	55%	26		2225	2250	2300
	65%	31		2375	2425	2475
	75%	35		2500	2575	2625
Oil	8 US QTS max (normally operate at 6 US)					
	<b>Airspeeds</b>					
	{KIAS}					
Vso (Stall Full Flap)	44 Knots					
Vsi (Stall Clean)	50 Knots					
Vx (Best Angle of Climb)	66 Knots					
Vy (Best Rate of Climb)	76 Knots					
Cruise Climb	85 Knots					
Vfe (Maximum flap operating speed)	103 Knots					
Best Glide Speed	76 Knots					
Take-off Safety Speed	67 Knots					
Minimum Approach Speed (Full Flap)	63 Knots					
Minimum Approach Speed (Clean)	65 Knots					
Turbulence Penetration Speed	111 Knots					
Maximum Cross Wind	17 Knots					