

Pitts Special S2B - Quick Reference

VH-TKV

MTOW (3100 pounds)	1625 kg
Basic Empty Weight	1173.7 kg
Fuel Capacity	Main 87 Litres Aux 18.9 Litres Useable
Percentage of power, fuel flow and RPM for given altitudes (mixture leaned to best power settings)	Check Flight Manual Cruise Performance/Pressure Altitude Charts Mixture Leaned to 50 Degrees Rich Peak EGT
Oil	9 US QTS
Airspeeds	{KIAS}
Vne (Never Exceed Speed)	184 Knots
Vsi (Stall Clean)	53 Knots
Vx (Best Angle of Climb)	71 Knots
Vy (Best Rate of Climb)	83 Knots
Cruise Climb	100 Knots
Aerobatic Airspeeds	Refer to Flight Manual
Best Glide Speed	83 Knots
Take-off Safety Speed	73.9 Knots
Maximum G Loading	Positive +6 G, Negative -3.0 G
Minimum Approach Speed (Clean)	63 Knots
Turbulence Penetration Speed	120 Knots
Maximum Cross Wind	17 Knots

