



PIPER ARROW VH-TXM AIRCRAFT SPECIFICATIONS

Airspeeds for Normal Operations

Take off & Landing Speeds

Rotate Speed (Vr)	60 - 65kts	Normal Approach (Flaps Up)	85kts
Take Off Safety Speed	60kts	Normal Approach (Flaps 30°)	75kts
Best Angle (Vx)	78kts	Short Field Approach (Flaps Full)	69kts
Best Rate (Vy)	90kts	Balked Approach (Max Power & Flap 20°)	60kts

General Speeds

Never Exceed (Vne)	183kts	Max Landing Gear Ext (VLe)	129kts
Max Normal Operating (Vno)	146kts	Max Landing Gear Retraction	107kts
Max Maneuvering (Va)	118kts	Level Stall Speed (Vs) – gear & flap up	60kts
Max Flap Extension	103kts	Level Stall Speed (Vso) – gear & flap down	55kts
Best Glide	79kts	Max Crosswind	17kts

Fuel & Oil

Fuel Type	100LL or 100/130 Avgas	Engine Type and Horsepower	Lycoming 200BHP @ 2700RPM
Maximum Fuel	292 litres	Oil Grade	Aero W100
Max Useable Fuel	273 litres	Maximum Oil	8 Quarts
Fuel Consumption	45 Litres/Hour	Minimum Oil	4 Quarts

****Note: 100LL Avgas is BLUE in colour and 100/130Avgas is GREEN****

Performance

Basic Empty Weight	781Kg	Maximum Power	2700 RPM
Max Take off Weight	1250 kg	Run up Power	2000 RPM
Max Landing Weight	1250 kg	Normal Cruise	23MP @ 2400 RPM

**** Note: With Full tanks VH-TXM can easily be overloaded! ****