

VH - DIV



BASIC DATA

Engine:	Textron Lycoming IO-360 M1-A
Power:	180 HP (134.2 kW) at 2700 RPM
Propeller:	Mt - Prop / MTV-12-B/180-17
Normal Cruise:	130 KIAS
Max Take Off Weight:	1200 Kg
Max Landing Weight:	1150 Kg
Basic Empty Weight:	836 Kg
Fuel Capacity: (Long Range Tanks)	189 Ltrs (usable)
Fuel Type:	Avgas 100LL or 100/130
Fuel Burn: 75% pwr	42 Ltrs / Hour @ 2400 RPM / 5000'
65% pwr	37 Ltrs / Hour @ 2400 RPM / 5000'
Oil Capacity:	6 Qts Min - 8 Qts Max

LIMITATIONS (1200kg MTOW)

Maximum Occupants / Category	4 (Normal) - 2 (Utility)
Never exceed speed (Vne)	178 KIAS
Maximum Structural Cruising Speed (Vno)	129 KIAS
Maneuvering Speed (Va)	111 KIAS (1036kg / 1200kg) 94 KIAS (780kg / 1036kg)
Maximum Flap Extended Speed: (Vfe)	T/O: 108 KIAS LDG: 91 KIAS
Maximum Demonstrated Crosswind:	20 KIAS
Stall Speeds (wings level)	53 KIAS (Flaps Up) 52 KIAS (Flaps T/O) 52 KIAS (Flaps LDG)

NORMAL OPERATION (1200kg MTOW)

Rotate Speed:	59 KIAS
Best Rate of Climb (Vy): (Flaps T/O)	67 KIAS
Cruise Climb Speed:	76 KIAS
Best glide speed: (Flaps Up)	76 KIAS
Base Speed:	75 - 80 KIAS
Threshold Speed:	73 KIAS