

VH-MUW - Pilot & Handling Notes

Last Updated Monday, 29 March 2010

Handling Notes for Cessna 172N Skyhawk VH-MUW

Please Note: Use these notes as a guide only. Refer to the Aircraft Flight Manual and Pilots Operating Handbook for full details.

VH-MUW is in the VFR and Night VFR Categories.

Engine: Lycoming O-320 D2J

Weights: AUW: 1088kg Empty Weight: 668kg Useful Load: 420kg

VH-MUW Weight and Balance Chart

Fuel: 204 litres total (144kg) 189 litres useable (134kg)

Oil: (dipstick marked in quarts) Minimum 5 quarts, Normal 6 quarts, Extended flights 7 quarts

Endurance: 330 minutes @ 34 litres/hr

TAS: 105 knots

Stall Speeds: Power Off at MTOW of 1088kg Flaps Up 47 knots Flaps 10 degrees 44 knots Flaps 30 degrees 41 knots

Airspeed Limitations:

Never Exceed
160 knots

Turbulence Penetration
99 knots at 1088kg

Flap Extension
10 degrees 110 knots 20 to 30 degrees 85 knots

Max Cross Wind

15 knots

Normal Approach

65 to 70 knots Flaps 0 degrees 60 to 65 knots Flaps 30 degrees

Flapless Approach
70 knots

Short Field Approach
60 knots 30 degrees flap

Best Glide Speed
65 knots

Max Rate Climb Vy
75 knots

Max Angle Climb Vx
65 knots

Short Field Take Off

65 knots 10 degree flaps (for minimum ground run). Climb out at Vx to 200ft, or past obstacle clearance. Retract flap and resume max rate or cruise climb.

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