

AIRCRAFT CHECKOUT & REVIEW

Aircraft Make & Model: Cessna 172M / N5283R & N30370

Engine Manufacturer: Lycoming Engine Model: 0320-E2D Max HP: 150

Aircraft Speeds: (MPH)

Stalling Speed (dirty) V_{so} 49

Stalling Speed (clean) V_{s1} 57

Takeoff/Rotate Speed V_r 60

Best Angle of Climb Speed V_x 68

Best Rate of Climb Speed V_y 91

Designed Maneuvering Speed V_a 112

Max Flaps Extended Speed V_{FE} 100

Best Glide Speed V_g 80

Never Exceed Speed V_{ne} 182

Total Fuel Capacity 42 Gallons Usable Fuel 38 gallons Correct Fuel Grade/Color 100LL/Blue

Aircraft Empty Weight 1425.05 Useful Load 874.95 Max Gross Takeoff Weight 2300

Maximum weight of passengers and baggage w/full fuel and oil 646.95

Airspeed & configuration for:

Normal Landing 75 to 85 / Flaps 40 Short Field 70 / Flaps 40

Maximum crosswind component: 15 knots

Electrical System 14 volts DC

Alternator Output in Amps: 60

Aircraft Limitations: Avoid slips with flaps extended