

Aircraft Data:

1976 Cessna 150M N6046K

Lycoming o200-a

100HP at 2750 RPM

McCauley 1A102 propeller

Fuel Cap 26 gals, 22.5 useable

Oil Cap 6 qts, Club target 5 qts

Empty Weight - 1116 lbs

Max Gross Weight - 1600 lbs

Useful Load - 484 lbs

14V DC electrical system, 60 AMP alternator

SHORT FIELD LANDING

VSPEEDS:

VSO 42 kias

VS1 47 kias

Vr 50 kias

Vx 60 kias

Vy 68 kias

Vfe 85 kias

Va 97 kias at 1600 lbs

Vno 107 kias

Vne 141 kias

Max Dem Xwind - 13 kias

Best Cruise Climb - 75 - 85 kias

52 kias with 40 degrees flaps

NOTE: Consult aircraft POH for all Vs speeds and all other aircraft specifications....