

# Speeds for normal operation of Cessna Skyhawk 172N

Speeds are based on maximum weight at 2700 lbs.

Normal Take Off Flaps up... 70-80 KIAS

Normal sea level enroute climb flaps up..... 75-85 KIAS

Short field take off flaps up speeds at 50 ft.... 59 KIAS

Maximum take-off or landing in cross wind.... 15 KIAS

Best climb rate at sea level.... 73 KIAS

Best angle of climb at sea level.... 59 KIAS

Maximum Glide speed.... 65 KIAS

Landing approach:

Normal approach flaps up... 60-70 KIAS

Normal approach flaps down at 40 degrees.... 55-65 KIAS

Short field approach, Flaps down at 40 degrees.... 60 KIAS

Maximum Recommended Turbulent Air Penetration  
Speed:

2300 lbs. 97 KIAS *Me and passenger up to 270 lbs.*

1950 lbs. 89 KIAS *Me as the pilot only*

## DECIDE

Detect

Estimate

Choose

Identify

Do

Evaluate

Stall speed at 47 plus headwind at new stall speed on downwind. Reflects on Normal take off with flaps up. To counter winds switching direction 180 degrees.

$$47 + 40 = 87$$

$$47 + 30 = 77$$

$$47 + 20 = 67$$

$$47 + 15 = 62$$

$$47 + 10 = 57$$