

## AIRCRAFT AIRSPEEDS

### Cessna 150

Updated April 21, 2009

**GNBL C150M V/C (1975) 100HP**

**FFXT C150L V/C (1972) 100HP**

*NOTE: GPS is not approved for IFR flight.*

Airspeeds in MPH (IAS)	(if different)
Rotate .....	55
Climb .....	75-85
V <sub>Y</sub> .....	78 (NBL) ..... 76 (FXT)
V <sub>X</sub> .....	70
V <sub>S0</sub> .....	48
V <sub>S1</sub> .....	55
V <sub>A</sub> .....	109
V <sub>NO</sub> .....	125
V <sub>NE</sub> .....	162
Best Glide .....	70
Approach .....	70-80
Approach Full Flap .....	60-70
Max. V <sub>FE</sub> .....	100
<u>Weights are in pounds</u>	
Max. T/O Weight .....	1600
Max. Utility .....	1600
Bag. Area 1 .....	120
Bag. Area 2 .....	40
Combined .....	120
Oil Grade .....	20W50
Quantity Quarts .....	4-6
Fuel Grade .....	100LL
Useable Gallons (US) .....	22.5
Total Gallons (US) .....	26

Use of these figures and of this information does not relieve the PIC of his/her responsibility to verify that the figures are correct as per the POH and the listed equipment is serviceable.

## AIRCRAFT AIRSPEEDS

### Cessna 172, 182

Updated December 5, 2011

**GMME C172M V/C (1975) 150HP**

**GBRI C172N V/C (1980) 160 HP**

**GQUO C172N GLOV/C (1979) 160HP**

**GQQV C172N GLOVD/C (1979) 160HP**

**GYWN C172N V/C (1977) 160HP**

**FBEK C182S SG/C (2001) 225HP**

*NOTE: GPS is not approved for IFR flight.*

	C-172 M Model	C-172 N Models	C-182
<u>Airspeeds in Knots (IAS)</u>			
Rotate .....	55		60
Climb .....	70-80		70-80
V <sub>Y</sub> .....	78	73	80
V <sub>X</sub> .....	64	59	63
V <sub>S0</sub> .....	41	33 (BRI)	36
V <sub>S1</sub> .....	47	44 (BRI)	43
V <sub>A</sub> .....	97 (2300 lbs)		110 (3100 lbs)
V <sub>A</sub> .....	89 (1950 lbs)		101 (2600 lbs)
V <sub>A</sub> .....	80 (1600 lbs)		88 (2000 lbs)
V <sub>NO</sub> .....	128	127 (BRI)	140
V <sub>NE</sub> .....	160	158 (BRI)	175
Best Glide .....	65		75
Approach .....	60-70		70 - 20° Flap
Approach Full Flap .....	55-65		60
Max. V <sub>FE</sub> .....	85		140 - 0-10° 120 - 10-20° 100 - 20-40°
<u>Weights are in pounds</u>			
Max. T/O Weight .....	2300		2950
Max. Utility .....	2000		(Max Landing)
Bag. Area 1 .....	120		120 (Area A)
Bag. Area 2 .....	50		80 (Area B, C)
Combined .....	120		200
Oil Grade .....	15W50	15W50	15w50
Quantity Quarts .....	6-8	5-6	5-8
Fuel Grade .....	100LL		100LL
Useable Gallons (US) .....	48	40...50(QQV)	88

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