

### Take Off Data Card C-152/C-172/AC-112

Weight & Balance

N# \_\_\_\_\_

	Weight	Arm	Moment
Basic Empty Weight	_____	_____	_____
Pilot & Passenger	_____	_____	_____
Rear Passengers	_____	_____	_____
Baggage	_____	_____	_____
<b>Zero Fuel Weight</b>	_____	_____	_____
Fuel	_____	_____	_____
Ramp Weight	_____	_____	_____
Start/Taxi/Run-up	_____	_____	_____
<b>Take Off Weight</b>	_____	_____	_____
Load Adjustments:			
Passenger	_____	_____	_____
Baggage	_____	_____	_____
Fuel	_____	_____	_____
Adjusted AC-112 Gear Retracted	_____	_____	_____
<b>Adjusted Take Off Weight</b>	_____	_____	_____
Fuel Burn	_____	_____	_____
Landing Weight	_____	_____	_____

Minimum Fuel Load \_\_\_\_\_ (Gallons)



PROFESSIONAL AVIATION CENTER

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Pilot \_\_\_\_\_ Instructor \_\_\_\_\_ Date \_\_\_\_\_

YV - \_\_\_\_\_ - E      DEPARTURE      ARRIVAL

ATIS Code		
Active Runway		
Winds		
Ceiling / Vis.		
Temperature		
Dewpoint		
Alt. Setting		
Density Alt.		
Pressure Alt.		
Rwy Length		
Headwind Comp		
Crosswind Comp		

#### Aircraft Performance Data

Take Off Distance Normal \_\_\_\_\_

Take Off Distance 50' Obstacle \_\_\_\_\_

Cruise Performance    RPM \_\_\_\_\_ MP \_\_\_\_\_ TAS \_\_\_\_\_ GPH \_\_\_\_\_

Landing Distance Normal \_\_\_\_\_

Landing Distance 50' Obstacle \_\_\_\_\_

V<sub>1</sub> \_\_\_\_\_      V<sub>R</sub> \_\_\_\_\_      V<sub>2</sub> \_\_\_\_\_

V<sub>A</sub> \_\_\_\_\_      V<sub>H</sub> \_\_\_\_\_      V<sub>LE</sub> \_\_\_\_\_

V<sub>Y</sub> \_\_\_\_\_      V<sub>X</sub> \_\_\_\_\_      Best Glide \_\_\_\_\_

V<sub>Y</sub> \_\_\_\_\_      V<sub>X</sub> \_\_\_\_\_      App. Spd. \_\_\_\_\_