

## Cessna 152 AIRCRAFT PERFORMANCE

N \_\_\_\_\_ Cessna 152\_\_ Year: \_\_\_\_\_ HP: \_\_\_\_\_

Inspections	Weight Limits
Annual _____ ELT Batt _____	Max Ramp Wt. _____
100 Hr. _____ Xpndr _____	Max T/O Wt. _____
(tach) _____	Useful Load _____
AD Cur yes / no Squawk go / nogo	Max Baggage _____
	Fuel Capacity _____
	Usable Fuel _____

Weight and Balance Calculation			
ITEM	WEIGHT	ARM	MOMENT
EMPTY WEIGHT	_____	---.---	_____
Pilot & Co-Pilot	_____	39.0	_____
Baggage Area 1 (120 lbs.)	_____	64.0	_____
Baggage Area 2 (40 lbs.)	_____	84.0	_____
Fuel (_____ gal usable)	_____	42.0	_____
Takeoff Weight (1670* lbs.)	_____		_____
Takeoff C.G. (see chart)	_____		_____
Estimated Fuel Burn	_____	42.0	_____
Landing Weight	_____		_____
Landing C.G. (see chart)	_____		_____

Performance Calculation	
ATIS wind: _____ @ _____ C/dew: _____ / _____ Alt: _____ Rwy: _____	
Press Alt: _____ Density Alt: _____ X-Wind: _____ H-Wind: _____	
<u>Takeoff Distance</u> (Short Field Technique)	
Ground Roll:	_____ ft.
Total Distance to Clear a 50-foot obstacle:	_____ ft.
<u>Landing Distance</u> (Short Field Technique)	
Ground Roll:	_____ ft.
Total Distance to Clear a 50-foot obstacle:	_____ ft.
<b>Headwind – decrease distance by 10% for each 9 kts</b>	
<b>Tailwind – increase distance by 10% for each 2 kts</b>	

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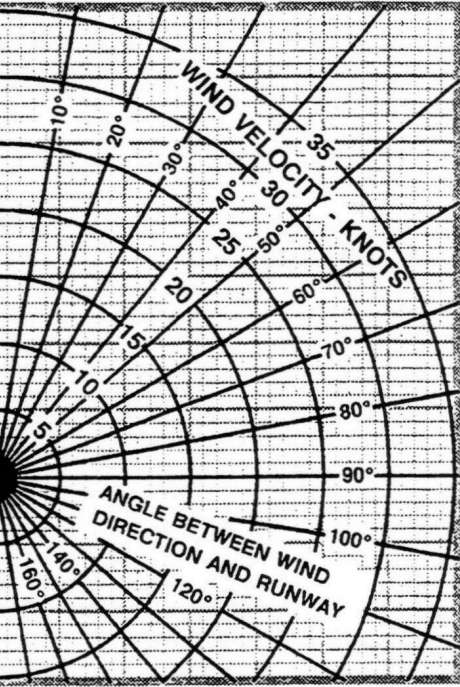
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# WIND COMPONENTS



5 10 15 20 25 30 35  
CROSSWIND COMPONENT - KNOTS

