



Cessna 172R Skyhawk Takeoff & Landing Data Card

Student: _____ **Instructor:** _____ **Date:** _____

Aircraft N # _____	Departure Information	Arrival Information
Winds		
Visibility		
Ceilings (AGL)		
Temperature/Dew Point		
Local Altimeter		
Active Runway(s)		
Density Altitude		
Pressure Altitude		
Runway Length Available		
Headwind Component		
Crosswind Component		
Tailwind Component		
Aircraft Performance Data		
Runway: PAVED DIRT GRASS Condition: DRY WET SNOW ICE		
Takeoff Distance (Ground Roll) _____ Distance over 50' obstacle : _____		
Max. aborted takeoff distance _____ (takeoff roll + landing ground roll+30% safety margin)		
Initial Climb Rate: _____ FPM		
Landing Distance (Ground Roll) _____ Distance over 50' obstacle : _____		
V _{SO} _____	V _A _____	Approach Speed _____
V _{S1} _____	V _{FE} _____	Best Glide (Flaps Up) _____
V _X _____	V _{NO} _____	
V _Y _____	V _{NE} _____	



Cessna 172R Takeoff and Landing Data (TOLD) Card

Weight and Balance Data

	WEIGHT	ARM	MOMENT
Basic Empty Weight	_____	_____	_____
Pilot and Passenger	_____	_____	_____
Rear Passengers (or back seat baggage)	_____	_____	_____
Baggage Area 1 (max 120 lbs)	_____	_____	_____
Baggage Area 2 (max 50 lbs, max combined for areas 1 and 2 120 lbs)	_____	_____	_____
Zero Fuel Weight	_____	_____	_____
Fuel	_____	_____	_____
Ramp Weight	_____	_____	_____
Start/Taxi/Run-up (-7 lbs fuel)	_____	_____	_____
Takeoff Weight 2450 Nor./2100 Util.	_____	_____	_____
<i>Load Adjustments:</i>			
Front Passenger	_____	_____	_____
Rear Passenger	_____	_____	_____
Baggage	_____	_____	_____
Fuel	_____	_____	_____
Adjusted Takeoff Wt	_____	_____	_____
Fuel Burn	_____	_____	_____
Landing Weight	_____	_____	_____
Minimum Fuel Load _____ Gallons			