Aircraft Performance Card

Aircraft Tail #/Type:

Takeoff

	Field Elevation	Feet	Pressure Alt.	
	Temperature	Deg C/F	Density Alt.	
	Wind	Knots		
	Takeoff Gross Weight			
	Runway Length			
	Climb Out Obstructions			
	Distance/Height from end of Runway			
1	T.O. Ground Roll			
	T.O. Distance over 50 Obstacle			
2	Landing Ground Roll			
	Landing Distance (50 obstacle with full flaps)			
	Acceleration Check - distance/speed			
	Accelerate -Stop Distance (1+2+ 700ft)			
	Runway Adequate		Yes/No	
	Rotate Speed			
	Best Rate of Climb Speed Vy			
	Best Angle of Climb Speed Vx			
	Best Glide Speed			

Landing (From Forcast Meteorological Data)

	Field Elevation	Feet	Pressure Alt.	
	Temperature	Deg C/F	Density Alt.	
	Wind	Knots		
	Estimated Landing Gross Weight			
	Runway Length			
	Approach Obstructions			
	Distance/Height from end of Runway			
	Landing Distance (50 obstacle with full flaps)			
	Landing Ground Roll			
	Runway Adequate		Yes/No	
	Approach Speed(at 50 obstacle w/ Full Flaps)			
	Touchdown Speed (Full Flaps)			

Go Around and Climb over Obstructions

Go Around Speed	Vx =	Vy =
Obstr. Distance/Height from end of Runway		

Item	Weight	Moment/1000
Basic Empty Weight		
Useable Fuel (6 lbs/Gal)		
Standard Tanks (40 Gal)		
Long Range Tanks		
Pilot and Front Passenger		
Rear Passengers		
Baggage Area 1 or Passenger on Child Seat		
Baggage Area 2		
Ramp Weight and Moment		
Fuel Allowance for engine start, taxi and runup		
Takeoff Weight and Moment		
C.G. = Moment/Weight		

Category : Utility / Normal / No Go

C.G. Category Utility / Normal / No Go

Runway in Use	
Wind Direction/Speed	
Altimeter Setting	
Transponder Code	

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