



Cessna 172 – Insurance Checkout

Pilot: _____

Date: _____

1. Total Fuel Capacity: _____ # of tanks: _____ Total Usable: _____
2. Fuel Grade: _____ / _____ Color: _____ / _____ Oil Grade: _____
3. Fuel Drain Locations: _____
4. When should you sump the drains? _____
5. What is the minimum oil operating level? _____
6. What kind of engine is in the aircraft? _____
7. List the following speeds: (assume max. gross, standard temp & sea level pressure unless otherwise stated)
Vs aft: _____ Vso aft: _____
Vs forward: _____ Vso forward: _____
Vs (60° bank) aft: _____ Vso (60° bank) aft: _____
Vs (60° bank) forward: _____ Vso (60° bank) forward: _____
Vx: _____ Vx (10,000ft): _____
Vy: _____ Vy (10,000ft): _____
Va: _____ Va (empty): _____
Vno: _____ Vne: _____
8. Max. flaps extension speed for 10° _____ for 20° to 30° _____
9. Approach airspeed with flaps: _____ No flaps _____
10. Short field approach airspeed: _____
11. Best Glide Speed (max. gross): _____
12. Maximum Crosswind Component (demonstrated or 20% Vso): _____
13. Purpose of flaps: _____

14. In the event you encounter ice, what should you do? _____

15. Describe the proper engine start procedure: _____



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16. What are the indications of alternator malfunction and what steps should be taken in each scenario? _____

17. What is the location of the alternate static source on the instrument panel? _____

18. What is the effect of using the alternate static source on the instruments? _____

19. Go-around Procedure: _____

20. Describe the steps to recover from spin: _____

21. At 65% power, 10,000 feet, Standard Temperature:

RPM _____ Fuel Consumption: _____ KTAS _____

Short field take-off max gross weight:

	Sea Level & 10°C	5,000 feet & 40°C
Ground roll	_____	_____
To clear a 50 ft obstacle	_____	_____

22. Short field landing max gross weight:

	Sea Level & 10°C	5,000 feet & 40°C
Ground roll	_____	_____
To clear a 50 ft obstacle	_____	_____

23. Empty Weight _____ Useful Load _____

Max Takeoff Weight _____ Landing _____

Center of Gravity Range (max. gross weight) _____

24. On following page work a sample Weight and Balance problem on the next page carrying you and one 180lb adult, maximum baggage and fuel to maximum takeoff weight.

Completed by:

Reviewed by:

Pilot's Signature Date

Instructor's Signature Date



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Weight and Balance

Pilot: _____ Aircraft Type: _____ Tail #: _____

MAXIMUM TAKEOFF WEIGHT: _____

	Weight (lb)	Arm (in)	Moment (1000lb-in)
Basic Empty Weight			
Seats:			
Front			
Rear			
Baggage:			
Forward			
Aft			
Subtotal:			
Fuel: Gallons— x 6lb/gal =			
Total Takeoff Data			

Center of Gravity= Moment/Weight

C.G.= _____ / _____ = _____

C.G. Limits at Max Gross Weight: Forward: _____ Aft: _____

Sea Level @ 20°C			Climb Performance S.L. – 5,000ft
	Ground Roll	Over 50ft Obstacle	Time:
	Takeoff Distance		Fuel:
	Landing Distance		Distance: