Cessna 172 (N8432L) Flying Club Checkout

Pilot Information

Name _____ Pilot Certificate Number _____

Address _____ City _____ State _____ Zip _____

Home Phone _____ Work Phone _____ E-Mail _____

Certificates and Ratings _____

Class of Medical _____ Date of Medical _____

Total Time _____ Instrument Time: Sim. _____ Actual _____ Last Six Months _____

General

Engine manufacturer & model: _____ Maximum horsepower: _____ @ _____rpm

Fuel capacity: total _____ usable _____ Oil capacity: min. _____ max. _____

Required fuel grade(s) _____ When should you add oil? _____

Airspeeds (fill in the indicated airspeeds that correspond to the descriptions or V-speed abbreviations)

Stall Speed No Flap Vso _____ Stall Speed Full Flap Vs1 _____ Takeoff Rotation Vrot _____

Best Angle of Climb Vx _____ Best Rate of Climb Vy _____ Enroute climb _____

Max Normal Speed Vno _____ Never Exceed Speed Vne _____ Go-around (20° flaps) _____

Normal landing (flaps up) _____ Normal landing (20° flaps) _____ Normal landing (full flaps) _____

Short field landing (full flaps) _____ Max Flap Speed Vfe _____

Vg (at max. gross) _____ Va (at max. gross) _____

What is the maximum demonstrated crosswind velocity for this model Cessna 172? _____

Emergency Procedures

1. How far will the 172 glide (at best glide speed) with power off and no wind from 2000' AGL? _____

2. In what position should the flaps be to achieve maximum glide distance? _____

3. If an inadvertent spin is entered in the 172, what steps should be taken to recover? _____

_____

4. Does this aircraft have an alternate static source? If so, where is the control located? _____

_____

5. Describe the go-around procedure. _____

_____

6. What is the emergency frequency and transponder code? _____

Normal Procedures

1. How many fuel drains are there and where are they located? _____

_____

2. Can both fuel tanks be used at once? _____ At all times? _____

3. What can happen if the fuel vents become completely blocked? _____

4. Describe the leaning procedure. _____

_____

_____

5. Most electrical circuits, on this aircraft are protected by circuit breakers. Fuses protect other circuits. What circuits are they and where are the fuses located? _____

_____

6. During engine run-up, what are the limits for RPM drop on each magneto and between magnetos?_____

_____

7. Why should the avionics master switch be turned off prior to engine start and shutdown? _____

_____

8. After starting the engine, what is the maximum time allowed before oil pressure is established in summer and winter?

_____

9. Describe the various flap positions that should be used for takeoff? _____

_____

Aircraft Performance

Perform the following calculations using the conditions provided:

Field Elevation	1000' MSL	T/O Distance (50' obstacle)	_____
Temperature	75 degrees F		
Weight	Max Gross	Rate of Climb =	_____
Wind	10 Kt. Headwind		
Runway	Hard Surface	Landing Distance (50' obs.)	_____
Altimeter Setting	29.92		
Field Elevation	5000'	T/O Distance (50' obs.)	_____
Temperature	86 degrees F		
Weight	Max Gross	Rate of Climb =	_____
Wind	Calm		
Runway	Hard Surface	Landing Distance (50' obs.)	_____
Altimeter Setting	29.42		

2. What power setting will yield 75% power at 3000' MSL on a standard day? _____

3. What is the TAS and fuel flow at the power setting in the above question? _____

4. What is the stall speed in a 60-degree bank with flaps up? _____

Weight and Balance

Using the weight and balance information for N8432L, perform a weight and balance calculation for the conditions given. If the results are over gross weight or out of CG range, alter the load to correct the problem.

Empty Wt. 1416 LB ARM 38.60 IN Gross T.O. Wt. _____ Useful Load _____

Condition: Full fuel, 180# passenger in each seat, 25# baggage.

Ground Instruction Hours _____ Flight Instruction Hours _____

I certify that the instruction noted above was given. *I certify that the instruction noted above was received.*

Instructor Signature Cert. No. Exp. Date Pilot Signature Date

Checkout instructor is to submit original, signed copy to Chief Pilot
Copies to: Pilot and Check-out Instructor