

# **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 \_\_\_\_\_ Last Six Months \_\_\_\_\_ Instrument Time: Sim. \_\_\_\_\_ Actual \_\_\_\_\_

## **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 Vs \_\_\_\_\_ 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? \_\_\_\_\_
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8. After starting the engine, what is the maximum time allowed before oil pressure is established in summer and winter? \_\_\_\_\_
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9. Describe the various flap positions that should be used for takeoff? \_\_\_\_\_
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**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. 1390 LB ARM 38.09 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