LEADINGEDGE
AVIATION

Aircraft Rental Checkout Ground Review – C-162 Revision 1.0 02-06-2012

Name:____ Date: __________________

Insurance requirements: Ten hours make and model and one hour dual checkout with an LEA Instructor.

Aircraft Make and Model: **Cessna 162**

Prior to rental of any Leading Edge Aviation aircraft the following items must be accomplished:

1. Memorization of all bold print items in the emergency section of the POH --------------------------- ☐
2. Memorize all V-Speeds appropriate to the intended rental aircraft ------------------------------------- ☐
3. Complete the POH open book review -- ☐
4. Complete the Leading Edge Aviation Weight and Balance form --- ☐
5. Avionics and Auto Pilot review with a Leading Edge Aviation Instructor ------------------------------ ☐
6. Complete the flight section of the aircraft checkout with a Leading Edge Aviation Instructor to the completion standards set forth by Leading Edge Aviation --- ☐
7. Complete all new account paperwork and insurance requirements ----------------------------------- ☐

I certify that the Leading Edge Aviation Ground Review has been corrected to 100%, any deficient items have been discussed, and the customer has demonstrated satisfactory knowledge in all areas.

Instructor Signature____________________________________ Date_______________

Memorization Items:

1. What are the following V-Speeds? ________Vso, ________Vs, ________Vr, ________Vx, ________Vy, ________Vfe, ________Va max weight, ________Va min weight, ________Vne, ________Vno, ________Vbg,
2. Please use the last page of the packet to fill out the emergency procedures memory items.

Local Airport Information:

1. What are the airport frequencies?
   Clearance__________ Ground__________ Tower__________
   Approach__________ ATIS_____________ ASOS__________
   CTAF_____________ Unicom__________
2. What runways are available for use? ____
3. What are the runway length(s)? ____
4. What are the traffic patterns for each runway? _______________________________________
   ____
5. What is the calm wind runway?____

Open book general questions:

1. Total fuel capacity__________gals. Unusable fuel________gals. Approximate fuel burn @ 75% power, 8000ft., and standard temperature___________.
2. Engine information: Make________, Model________, Horsepower_________.
3. Oil quantity: Minimum___________, Maximum___________, Grade (all temps)__________.
4. Is this airplane approved for intentional spins?__________. If so what category?_________.
5. At 10,000ft full fuel, 65% power what is the endurance with a 45 minute reserve? ________in hours, in __________miles.
6. What is the maximum demonstrated crosswind velocity? ________________________________
7. What are the approved fuels?_ ____
8. What is the baggage area weight limit? ____
9. Where is the fire extinguisher located?____
10. Is the engine carbureted or fuel injected?____
11. What is the maximum rpm for this engine? ____
12. What is the normal flap setting for takeoff? ____
13. Is this aircraft equipped with an alternate air source for the engine? If so how is it operated? __
    ____
    ____

14. Would you richen the mixture, lean the mixture, or leave the mixture alone during the extended use of carburetor heat? ____
15. When would you use carb heat? ____

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16. How many fuel drain valves are there and where are they located? ______________________

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17. What should be accomplished if there are signs of fuel contamination? __________________

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18. What is the charging system voltage? ____
19. How many batteries are there? ____
20. What is the battery voltage? ____
21. Where is the external power receptacle located? ______________________________
22. If using external power for engine start, what must first be verified before connecting power? _

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23. What are the recommended starter duty cycle times? ___________________________
24. What are the load limits for this airplane? ___________________________________
25. Can slips with full flaps be made in this airplane? _____________________________
26. What is the full throttle static RPM indication? ________________________________
27. What is the normal flap setting for take off? __________________________________
28. What is the balked landing procedure? _______________________________________

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29. What is the minimum oil temperature prior to take off? __________________________
30. What is the maximum demonstrated cross wind velocity for this aircraft? _______________
31. What is the procedure if the ammeter does not show a positive charge after an external power assisted start? ____
32. How is maximum fuel determined? ____
33. When can aileron over centering occur and how is it corrected? ___________________
34. What is the minimum take off fuel according to the POH? _________________________
35. How is steering during taxi accomplished? ____________________________________
36. What is the procedure for opening and closing the doors on the 162? _________________

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37. How many pounds per square foot may be loaded into the baggage area? _____________
38. If you have an object that is 18 inches by 15 inches and weighs 22 pounds, how many pounds per square foot is this object? ____
39. Under what conditions will the oil pressure light illuminate, and what is the corrective action? _

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40. What is the pitch limitation for power on stalls? ____
41. When may the 12V power outlet be used? ____
42. When may the map and terrain data from the G-300 be used for pilotage navigation? ________
____
43. When may the map and terrain data from the G-300 be used for terrain and obstacle clearance?
44. What is the maximum wind velocity for all operations? ___________________________________

Emergency Procedures ____