



MONTEREY NAVY FLYING CLUB

1600 AIRPORT ROAD, MONTEREY, CA 93940

Revised July 2007

DATE _____

AIRCRAFT GROUND REVIEW CHECKLIST

PILOT _____

Aircraft Make and Model _____ **Number of hours in this A/C?** _____

1. What is the total fuel capacity? _____ How many tanks are there? _____ What is the capacity of each tank? _____ What is the total usable fuel capacity _____?
2. What is the correct fuel grade? _____? Color? _____
3. How many drains are there, and where are they located? _____
4. When are they drained? _____
5. What is the recommended grade of oil? _____ and minimum operating level? _____
6. What is the aircraft empty weight (use club A/C)? _____
7. What is the useful load (use club A/C)? _____
8. What is the definition of useful load? _____
9. What is the maximum aircraft takeoff gross weight? _____
10. What is the center of gravity range (max gross wt)? _____
11. What is the recommended short field approach airspeed (full flaps) ? _____
12. What is the recommended normal approach speed? _____
13. What is the best rate of climb speed? (V_y) _____
14. What is the best angle of climb speed? (V_x) _____
15. What is the maneuvering speed? (V_a) _____

16. What is the stall speed in landing configuration? (V_{so}) _____
17. What is the stall speed in a landing configuration with 60° bank? _____
18. What is the best glide speed? _____

19. You are at 4000' and you lose your engine, how far can you glide (best glide speed and no wind)?_____, At 2000'?_____
20. What is the maximum crosswind component for your aircraft (20% Vso)?_____
21. What is the purpose of flaps?_____
22. Can you make slips with flaps extended in your A/C?_____
23. How do you detect carburetor/intake ice?_____
24. In the event of carburetor ice, what do you do?_____
25. What is the power setting, fuel consumption and true airspeed for the following:
65% power, 7,500 feet, standard temperature
- Manifold pressure (if applicable)_____RPM_____
- Fuel consumption:_____True Airspeed_____
26. What would be indication of alternator malfunction on your A/C?_____
27. What can you do to reset a discharging alternator?_____
28. Does you're A/C have 14v or 28v electrical system?_____
29. If your vacuum pump fails, which instruments become inop?_____
30. Why it is not a good idea to taxi with carburetor heat on?_____
31. How can you prevent spark plug fouling?_____
32. Describe a "Go Around" procedure:_____
33. What is the minimum runway length for takeoff in your aircraft :
a) sea level, no wind, gross weight _____
b) 5,000', gross weight, no wind, 50' obstacle, 80°F _____
34. When are your passengers required to have their seatbelts fastened?_____
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35. What a/c documents must be onboard during flight?_____and where are they located?
36. What are the basic VFR weather minimums at MRY airport when TWR operates?_____
37. What are the minimums for Special VFR?_____
38. With properly leaned mixture and allowing for one hour of fuel reserve, how long can you fly at 5,000'? _____
39. What inspections are required on your a/c?_____
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40. What procedure do you follow in case you have mechanical problem or are "weathered in" at another airport and cannot return to Monterey?

41. During preflight, postflight or any time when the engine is not running, where you should not put the ignition key? _____

42. Have you enjoyed the quiz? _____ (Hint: Yes)

Reviewed by: _____
Instructor

Corrected to 100% _____

Reviewed by: _____
Student/Pilot