

Monterey Flyers
1184 Airport Rd
Monterey, CA 93940

Aircraft Ground Review Checklist

Pilot: _____ **Aircraft Make & Model:** _____

1. Total Fuel Capacity? _____ Number of tanks? _____ Capacity of each tank? _____
Total usable fuel? _____ Fuel Burn/hr Climb? _____ Cruise? _____.
2. Fuel Grade? _____ Color? _____
3. Location of Fuel Drains? _____.
4. When should they be drained? _____.
5. Recommended Oil Grade? _____ Minimum Operating Level ? _____
6. Aircraft empty Weight? _____
7. Useful Load ? - _____
8. Maximum takeoff gross weight? _____
9. Maximum Landing weight ? _____
10. Center of gravity range @ Max gross? _____
11. Short Field approach speed – Full Flaps ? - _____
12. Normal Approach Speed ? _____
13. Best Rate of Climb (Vy) ? - _____
14. Best angle of climb (Vx) ? _____
15. Best maneuvering speed (Va) ? - _____
16. Stall speed in Landing Configuration (Vso) ? _____
17. Stall speed landing configuration 60° bank ? _____
18. Best glide speed ? _____
19. Maximum crosswind component (20% Vso) _____
20. What is the purpose of flaps ? _____
21. Can you make slips with flaps extended? _____
22. How do you detect carburetor/intake ice? _____
23. In the event of Carb. ice, what do you do? _____
24. What is the power setting, fuel consumption and true air speed for: 65% Power @
7500 ft, Standard Temp.: RPM _____ Fuel Burn: _____ TAS _____

25. What would be an indicator of generator failure? _____
26. Is there an alternate static source? Where? _____
27. Why is it not a good idea to taxi with Carb. Heat on? _____

28. How can you prevent sparkplug fouling? _____
29. Describe a "go around procedure" _____

30. What is the minimum runway length for takeoff:
A. Sea level, no wind, max gross weight: _____
B. 5000', max gross, no wind, 50' obstacle: _____
31. When are you passengers required to have their seatbelts fastened: _____

32. What documents must be onboard during flight: _____

33. What are basic VFR minimums in controlled airspace below 10,000 ft.: (Visibility & distance from clouds): _____
34. What inspections are required on the aircraft? _____

35. What procedure do you follow in case you have mechanical problems or are weathered out at another airport and cannot return to Monterey? _____

36. During pre-flight ,post-flight or whenever the engine is not running, where should you put the ignition key? _____

Reviewed by: _____ Instructor

Reviewed by: (Corrected) _____ Pilot

Date: _____