



AIRCRAFT POH REVIEW

(NOT FOR CIRRUS OR TIGER AIRCRAFT)

This form is to be used as an aid in reviewing fundamental specifications, mechanical systems, and procedures of the aircraft that is being flown. All questions may not be applicable to all aircraft. Utilize all aircraft documents to aid in this review. (i.e. POH, placards, markings, etc.)

Pilot: _____ **Date:** _____

Aircraft Make and Model: _____

AIRCRAFT SYSTEMS

1. Total fuel capacity: _____
2. Number of fuel tanks: _____
3. Total usable fuel: _____
4. Fuel grade and color: _____
5. Location of fuel drains: _____
6. Recommended grade and type of oil: _____
7. Minimum operation oil level: _____
8. Engine type and horsepower rating: _____
9. What is the purpose of the flaps? _____
10. How are the flaps operated? _____
11. What are the indications of carburetor/induction ice? _____

12. In the event of carburetor/induction ice, what do you do? _____

13. What are the gear unsafe indication? _____

WEIGHT AND BALANCE

14. Aircraft basic empty weight: _____
15. Aircraft useful load: _____
16. Maximum takeoff weight: _____
17. Center of gravity range: _____

PERFORMANCE

Use today's current conditions to compute the following:

18. Takeoff roll: _____
19. Takeoff over a 50 foot obstacle: _____
20. Accelerate/stop distance (multi-engine aircraft): _____
21. Fuel burn per hour at 10,000 ft MSL: _____
22. Landing ground roll: _____
23. Landing distance to clear a 50 ft obstacle: _____

EMERGENCIES

24. Describe the procedure for engine failure in flight: _____

25. What action would you take if you smelled electrical smoke? _____

26. What is the procedure for engine fire during start? _____

27. What actions would you take in the event of an alternator failure? _____

28. What is the procedure of an emergency gear extension? _____

V-SPEEDS

29. V_{SO} : _____
30. V_{SI} : _____
31. V_R : _____
32. V_X : _____
33. V_Y : _____
34. V_A (max gross weight): _____
35. V_{NO} : _____
36. V_{NE} : _____
37. V_{FE} : _____
38. V_{LO} : _____
39. V_{LE} : _____
40. V_{MC} (multi-engine): _____
41. V_{YSE} (multi-engine): _____
42. Best Glide: _____
43. Normal Approach Speed: _____
44. Maximum Crosswind Component: _____

Reviewed by: _____ **Date:** _____