



## ***AIRCRAFT CHECK-OUT***

AIRCRAFT YR&TYPE \_\_\_\_\_ DATE \_\_\_\_\_

PILOT'S NAME: \_\_\_\_\_ RATINGS: \_\_\_\_\_

CLASS MEDICAL: \_\_\_\_\_ DATE ISSUED: \_\_\_\_\_

DATE OF LAST FLIGHT REVIEW OR WINGS PROGRAM: \_\_\_\_\_

1. WHAT IS THE TOTAL FUEL CAPACITY? \_\_\_\_\_ HOW MANY TANKS ARE THERE? \_\_\_\_\_ TOTAL USABLE FUEL CAPACITY? \_\_\_\_\_

2. DOES THIS A/C HAVE FUEL TANK TABS, OR A METHOD TO MEASURE REDUCED FUEL? DESCRIBE \_\_\_\_\_

3. WHERE ARE THE FUEL DRAINS LOCATED? \_\_\_\_\_

4. WHAT FUEL OCTANE RATING IS SPECIFIED? \_\_\_\_\_ COLOR? \_\_\_\_\_

5. CAN YOU USE A LOWER OR HIGHER OCTANE RATING? YES NO

6. DESCRIBE OPERATION OF THE FUEL SELECTOR VALVE. \_\_\_\_\_

7. WHAT IS THE RECOMMENDED GRADE OF OIL? \_\_\_\_\_

8. WHAT IS THE MINIMUM AND MAXIMUM OIL LEVEL? \_\_\_\_\_

9. WHAT IS THE AIRCRAFT'S BASIC EMPTY WEIGHT? \_\_\_\_\_

10. WHAT IS THE USEFUL LOAD? \_\_\_\_\_

11. WHAT IS THE AIRCRAFT'S MAXIMUM GROSS WEIGHT? \_\_\_\_\_

12. WITH FULL FUEL AND OIL, HOW MANY LBS. OF PEOPLE AND BAGGAGE COULD YOU TAKE (FULL FUEL PAYLOAD)? \_\_\_\_\_

13. WHAT IS THE MAXIMUM WEIGHT ALLOWABLE IN THE BAGGAGE AREA? \_\_\_\_\_

14. WHAT IS THE MAKE AND HORSEPOWER OF THE ENGINE?  
\_\_\_\_\_

15. WHAT ARE THE FOLLOWING?  $V_x$  \_\_\_\_\_  $V_y$  \_\_\_\_\_  $V_{so}$  \_\_\_\_\_  $V_{s1}$  \_\_\_\_\_  $V_a$  \_\_\_\_\_

16. DESCRIBE THE INDICATIONS AND STARTING PROCEDURES FOR

NORMAL: \_\_\_\_\_

FLOODED: \_\_\_\_\_

HOT START: \_\_\_\_\_

17. WHAT IS THE STARTER MOTOR DUTY CYCLE? \_\_\_\_\_

18. WHAT IS THE ENGINE-OUT BEST GLIDE SPEED? \_\_\_\_\_

19. WHAT IS VLE \_\_\_\_\_, VLO \_\_\_\_\_, VFE, \_\_\_\_\_

20. DESCRIBE TRAFFIC PATTERN PROCEDURES. \_\_\_\_\_

21. MAXIMUM DEMONSTRATED X/WIND COMPONENT? \_\_\_\_\_

22. WHAT IS THE RECOMMENDED NORMAL APPROACH SPEED? \_\_\_\_\_

23. WHAT IS THE RECOMMENDED SHORT FIELD APPROACH SPEED AND CONFIGURATION? \_\_\_\_\_

24. SHORT FIELD TAKEOFF PROCEDURE? \_\_\_\_\_

25. WHAT IS THE ENROUTE CLIMB SPEED? \_\_\_\_\_

26. WHAT ARE THE FLAP SETTINGS? \_\_\_\_\_

27. WHAT ARE THE UNSAFE GEAR INDICATIONS? \_\_\_\_\_

28. WHAT IS THE PROCEDURE FOR EMERGENCY GEAR EXTENSION? \_\_\_\_\_

29. WHAT ARE THE INDICATIONS AND PROCEDURES FOR CARBURATOR OR INDUCTION ICE?

30. WHAT IS/ARE THE INDICATION(S) OF AN ALTERNATOR MALFUNCTION AND WHAT WOULD YOU DO? \_\_\_\_\_

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31. WHEN WOULD YOU USE THE ALTERNATE STATIC SOURCE AND WHERE IS IT LOCATED? \_\_\_\_\_

32. DESCRIBE THE GO-AROUND PROCEDURE. \_\_\_\_\_

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33. WHAT IS THE POWER SETTING, FUEL CONSUMPTION AND T.A.S. FOR THE FOLLOWING? 75% POWER, 7500 FEET, STANDARD TEMPERATURE: MANIFOLD PRESSURE \_\_\_\_\_ RPM \_\_\_\_\_ FUEL CONSUMPTION \_\_\_\_\_ TAS \_\_\_\_\_

34. ALLOWING FOR A 45MIN RESERVE, WHAT IS THE MAX FLYING TIME? \_\_\_\_\_

35. CALCULATE TAKEOFF AND LANDING PERFORMANCE:

MAX. GROSS WEIGHT, NO WIND, S/L, STANDARD TEMP. \_\_\_\_\_, LDG \_\_\_\_\_.

MAX. GROSS WEIGHT, NO WIND, 5000' P.A., 30°C, 50ft OBSTACLE \_\_\_\_\_,

LDG \_\_\_\_\_, CLIMB RATE \_\_\_\_\_.

36. WHEN ARE YOUR PASSENGERS REQUIRED TO WEAR SEATBELTS? \_\_\_\_\_

37. WHAT A/C DOCUMENTS MUST BE ONBOARD DURING FLIGHT? \_\_\_\_\_

38. WHAT INSPECTIONS ARE REQUIRED ON THIS A/C \_\_\_\_\_

39. WHAT CATEGORY IS THIS A/C CERTIFICATED IN, AND WHAT MANEUVERS ARE ACCEPTABLE? \_\_\_\_\_

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40. WHAT ARE THE EMERGENCY PROCEDURES FOR ENGINE FIRE IN-FLIGHT? \_\_\_\_\_

ENGINE FIRE ON THE GROUND? \_\_\_\_\_

41. DOES THIS A/C HAVE A FIRE EXTINGUISHER? DESCRIBE OPERATION. \_\_\_\_\_

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42. PROCEDURES FOR ENGINE FAILURE INFLIGHT \_\_\_\_\_

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43. EMERGENCY LANDING W/O ENG. POWER \_\_\_\_\_

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44. DESCRIBE THE FUEL SYSTEM. \_\_\_\_\_

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45. DESCRIBE THE ELECTRICAL SYSTEM. \_\_\_\_\_

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46. WHAT ARE THE INDICATIONS OF AN ELECTRICAL SYSTEM MALFUNCTION, AND WHAT WOULD YOU DO? \_\_\_\_\_

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47. WHAT ARE THE FAA CURRENCY REQUIREMENTS FOR THIS AIRPLANE?

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DFC REQUIREMENTS? \_\_\_\_\_

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SIGNATURE