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?_____

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? Vx____ Vy____ Vso____ Vs1____ Va____

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?_____
_____
_____

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

32. DESCRIBE THE GO-AROUND PROCEDURE._____
_____

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?_____
_____

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.

_____

42. PROCEDURES FOR ENGINE FAILURE INFLIGHT _____

_____

43. EMERGENCY LANDING W/O ENG. POWER _____

_____

44. DESCRIBE THE FUEL SYSTEM. _____

_____

_____

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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