

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? V_x ____ V_y ____ V_{so} ____ V_{sl} ____ 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 V_{LE} _____, V_{LO} _____, V_{FE} , _____

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.

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