



AURORA AVIATION



AIRCRAFT FAMILIARIZATION CHECKOUT

PILOT _____ DATE _____

CERTIFICATE GRADE AND NUMBER _____

AIRCRAFT MAKE AND MODEL _____

AA CFI NAME & SIGNATURE _____

THIS FORM IS TO BE USED AS AN AID FOR REVIEWING FUNDAMENTAL SPECIFICATIONS, AIRPLANE SYSTEMS, AND ROUTINE PROCEDURES FOR THE AIRCRAFT. CERTAIN QUESTIONS MAY NOT BE APPLICABLE TO ALL AIRCRAFT. UTILIZE ALL AVAILABLE AIRCRAFT DOCUMENTS TO AID IN THIS REVIEW. AURORA AVIATION WILL RETAIN THIS COMPLETED FORM ON FILE, IF YOU WOULD LIKE A COPY, PLEASE ASK.

1. ENGINE(S) MAKE _____ MODEL _____

RATED HP _____ MAXIMUM RPM _____

2. PROPELLER(S) MAKE _____ FIXED PITCH _____ CONSTANT SPEED _____

3. NUMBER OF FUEL TANKS _____ LOCATION _____

4. TOTAL FUEL CAPACITY _____ USABLE FUEL CAPACITY _____

5. RECOMMENDED FUEL GRADE _____

6. ALTERNATE FUEL GRADE _____

7. NUMBER OF FUEL DRAINS _____ LIST ALL LOCATIONS _____

8. RECOMMENDED GRADE OF OIL SUMMER _____ WINTER _____

9. MINIMUM OPERATING OIL LEVEL _____ MAXIMUM TAKE-OFF WEIGHT _____

10. BASIC EMPTY WEIGHT _____ USEFUL LOAD _____

11. V-SPEEDS: (I.A.S., SEA LEVEL, MAX. FORWARD C.G., AND MAX. TAKE-OFF WEIGHT)

V_{SO} _____ V_{SI} _____ V_{SI} W/60° BANK _____

V_x _____ V_Y _____ V_{FE} _____

V_A _____ V_{NO} _____ V_{NE} _____

BEST GLIDE _____ NORMAL APPROACH SPEEDS _____

SHORT FIELD APPROACH SPEED _____

OBSTACLE CLEARANCE CLIMB CONFIGURATION SPEED _____

12. EXPLAIN THE FIRST INDICATION OF CARBURETOR ICE (INDUCTION FOR FUEL ENGINES): _____

13. WHAT INDICATES ALTERNATOR/GENERATOR FAILURE AND WHAT IS THE PROPER CORRECTIVE ACTION: _____

14. EXPLAIN THE PROCEDURE TO FOLLOW FOR AN ENGINE FIRE DURING START-UP: _____

15. DESCRIBE THE PROCEDURE TO FOLLOW IN THE EVENT OF A TOTAL LOSS OF ENGINE POWER WHILE CRUISING AT 6,000 AGL: _____

16. EXPLAIN THE PROCEDURE TO FOLLOW FOR AN IN-FLIGHT ELECTRICAL CABIN FIRE: _____

17. WHAT IS THE MINIMUM TAKE-OFF DISTANCE AT MAXIMUM TAKE-OFF WEIGHT UNDER THE FOLLOWING CONDITIONS:

1. NO WIND, SEA LEVEL, STANDARD TEMPERATURE, GROUND ROLL _____

2. 10 KNOT HEADWIND, 6,000 P.A., 85°F, 50' OBSTACLE _____

18. WHAT IS THE POWER SETTING, FUEL CONSUMPTION, TRUE AIRSPEED, RANGE, AND ENDURANCE (W/O RESERVES)

FOR THE FOLLOWING CONDITIONS: 65% POWER, 7,500 P.A., STANDARD TEMPERATURE

MANIFOLD PRESSURE (IF CONSTANT SPEED PROPELLER) _____

RPM _____ GPH _____ TAS _____

RANGE _____ NM ENDURANCE _____ HOURS

19. WHAT IS THE LANDING DISTANCE AT MAXIMUM LANDING WEIGHT WITH THE FOLLOWING CONDITIONS:

1. NO WIND, SEA LEVEL, STANDARD TEMPERATURE, GROUND ROLL _____

2. 10 KNOT HEADWIND, 6,000 P.A., 85°F, 50' OBSTACLE _____

20. DETERMINE THE C.G. UNDER THE FOLLOWING CONDITIONS: ALL SEATS OCCUPIED (170 LBS. EA. INCLUDING

PILOT), NO BAGGAGE, AND FUELED TO MAXIMUM ALLOWABLE TAKE-OFF WEIGHT _____

21. WHAT ARE THE PROPER IDLE AND TAXI RPM'S?

IDLE _____ OR LESS TAXI _____ OR LESS

22. WHAT IS THE PROPER YOKE POSITION DURING TAXI IN CALM CONDITIONS: _____

IF THIS CHECKOUT IS FOR A COMPLEX OR MULTI-ENGINE AIRCRAFT, PLEASE CONTINUE TO THE COMPLEX AIRCRAFT CHECKOUT SHEET.

I VERIFY THAT I HAVE READ, UNDERSTAND, AND WILL ADHERE TO AURORA AVIATION'S RENTER POLICIES AND PROCEDURES.

SIGNATURE

DATE