



AIRCRAFT CHECKOUT

RENTER'S NAME: _____ AIRCRAFT _____ CFI _____

LAST FLIGHT REVIEW _____ SOLO ENDORSEMENT _____ MEDICAL _____ CLASS _____

PILOT'S DOCUMENTS AND INFORMATION:

- PILOT'S LICENSE, MEDICAL CERTIFICATE & ID
- SIGNED RENTER'S AGREEMENT
- RECENCY FLIGHT EXPERIENCE
- NCAS POLICIES AND REQUIREMENTS

1) LOCAL AREA INFORMATION (KIXD):

FREQUENCIES:

ASOS _____ GROUND _____

TOWER _____ DEP/APP _____

2) AIRCRAFT INFORMATION:

YEAR MAKE AND MODEL _____

EQUIPMENT SUFFIX _____

3) ENGINE INFORMATION:

ENGINE MAKE AND MODEL _____

HORSEPOWER _____

MIN OIL FOR LOCAL FLIGHT _____ X-COUNTRY _____

4) ELECTRICAL SYSTEM:

ALTERNATOR AMPS _____ BATTERY VOLTS _____

5) FUEL SYSTEM:

TOTAL CAPACITY _____ USABLE _____

6) WEIGHT AND BALANCE:

EMPTY WEIGHT _____ MAX T/OFF WEIGHT _____

USEFUL LOAD _____ BAGGAGE LIMIT _____

CG RANGE _____

PILOT STATION CG _____ REAR PASSANGER CG _____

FUEL CG _____ BAGGAGE CG _____

7) VELOCITY "V" SPEEDS:

V SPEEDS	DEFINITION	VALUE
VR		
VSO		
VS1		
VX		
VY		
VA		
VFE		
VLO		
VLE		
VNO		
VNE		
MAX X-WIND		

8) PERFORMANCE SCENARIO:

AIRPORT: KIXD

ATIS: 210 18 G25 10SM CLR 30/ M02 2965

ELEVATION _____ PRESSURE ALT _____

DENSITY ALTITUDE _____ X-WIND _____ HEADWIND _____

TAKE-OFF WEIGHT _____ CG _____

TAKEOFF GROUND ROLL _____

TAKEOFF DISTANCE _____

9) CRUISE AT 6,000 TEMPERATURE 18° C:

BEST POWER 75% TAS _____ GPH _____

BEST ECONOMY 65% TAS _____ GPH _____

BEST POWER RECOMMENDED LEAN _____

ENDURANCE 65% POWER WITH 01:00 RESERVE _____

LANDING DISTANCE _____ ROLL _____

PREFLIGHT PREPARATION

- WEATHER INFORMATION
- CROSS-COUNTRY FLIGHT PLANNING
- PREFLIGHT INSPECTION
- COCKPIT MANAGEMENT

ENGINE START

- NORMAL PRIMING
- HOT START
- COLD WEATHER START
- FLOODED START
- VAPOR LOCK CONDITION

TAXING

- MINIMUM RPM TAXING
- FEET OFF THE BRAKES
- RADIO COMMUNICATIONS
- SITUATION AWARENESS
- LEAN FOR TAXI
- AIRPORT SIGNS AND MARKINGS
- RUNWAY INCURSION AVOIDANCE

RUNUP

- PROPER USE OF CHECKLIST
- CLEAR FOULED PLUGS

TAKEOFFS, LANDINGS AND GO-AROUND

- BEFORE TAKEOFF CHECK
- ABORT PLAN
- FEET OFF THE BRAKES
- ABORTED TAKEOFF
- NORMAL AND CROSSWIND TAKEOFF AND LANDINGS
- SOFTFIELD TAKEOFF AND LANDINGS
- SHORTFIELD TAKEOFF AND LANDINGS
- MAXIMUM PERFORMANCE CLIMB
- GO AROUND

NAVIGATION

- LOST PROCEDURE
- NAVIGATION SYSTEM
- DIVERSION

PERFORMANCE MANEUVERS

- STEEP TURNS

SLOW FLIGHT AND STALL

- SLOW FLIGHT
- POWER-OFF STALL
- POWER-ON STALL
- SPIN AWARENESS

CRUISE FLIGHT

- POWER SETTINGS FOR 65% AND 75% POWER
- LEANING PROCEDURE
- PROPER USE OF COWL FLAPS
- DESCENT PLANNING AND POWER SETTINGS

OPERATION OF SYSTEMS

- AUTOPILOT
- GPS UNIT: FAMILIARIZATION AND USAGE

EMERGENCY OPERATIONS

- ENGINE FIRE DURING START
- ENGINE FIRE IN FLIGHT
- PARTIAL POWER LOSS
- TOTAL ENGINE FAILURE
- ELECTRICAL FAILURE
- CARBURETOR ICING
- EMERGENCY GEAR EXTENSION
- EMERGENCY DESCENT
- NO FLAP LANDING

IFR CHECKOUT

- PRECISION APPROACH
- NON- PRECISION APPROACH
- MISSED APPROACH
- HOLDING
- UNUSUAL ATTITUDES
- VOR CHECK

POSTFLIGHT PROCEDURES

- PROPER TIE DOWN
- COWL PLUGS INSTALLATION
- CLOSE COWL FLAPS, WINDOWS & AIR VENTS

I certify that the above applicant has completed the ground and flight checkout for (check one or both)

VFR

IFR

SIGNED _____ PRINT _____ DATE _____