

AIRCRAFT CHECKOUT SHEET

PILOT: \_\_\_\_\_ DATE: \_\_\_\_\_

REVIEWED BY: \_\_\_\_\_ INSTRUCTOR

AIRCRAFT MAKE AND MODEL: \_\_\_\_\_

FUEL: TOTAL CAPACITY \_\_\_\_\_ **TOTAL USABLE** \_\_\_\_\_

USEABLE EACH TANK \_\_\_\_\_

QUANTITY AT TABS \_\_\_\_\_

MINIMUM FUEL GRADE \_\_\_\_\_ COLOR \_\_\_\_\_

OIL: MAX CAPACITY \_\_\_\_\_ NORMAL CAPACITY \_\_\_\_\_

MINIMUM FOR ENGINE OPERATION \_\_\_\_\_

OIL GRADE/TYPE \_\_\_\_\_

**WEIGHT & BALANCE:**

MAX T/O GROSS WT. \_\_\_\_\_ MAX LANDING WT. \_\_\_\_\_

A/C EMPTY WT. \_\_\_\_\_ C.G. RANGE \_\_\_\_\_

MAX PAYLOAD WITH FULL FUEL \_\_\_\_\_

MAX FUEL WITH 170 LB OCCUPANTS IN EACH SEAT \_\_\_\_\_

SPEEDS: Va - Maneuvering Speed \_\_\_\_\_

Vx - Best Angle of Climb \_\_\_\_\_ Vxse (MULTI) \_\_\_\_\_

Vy - Best Rate of Climb \_\_\_\_\_ Vyse (MULTI) \_\_\_\_\_

Vfe - Flaps Extended \_\_\_\_\_ Vle - Landing Gear Extended \_\_\_\_\_

Vlo - Landing Gear Operating \_\_\_\_\_ VMC-MIN Controllable A/S (MULTI) \_\_\_\_\_

Vne - Never Exceed Speed \_\_\_\_\_ Vno - Max Rough Air Speed \_\_\_\_\_

Vso - Stall Speed Landing Configuration \_\_\_\_\_ V - Stall Speed Flaps Up \_\_\_\_\_

Normal Climb Speed \_\_\_\_\_ Best Glide Speed \_\_\_\_\_

SHORT FIELD TAKE-OFF: FLAPS \_\_\_\_\_ ROTATE @ \_\_\_\_\_

CLIMB @ \_\_\_\_\_ UNTIL CLEAR OF OBSTACLE

SHORT FIELD LANDING: FLAPS \_\_\_\_\_ APPROACH @ \_\_\_\_\_

AFTER TOUCHDOWN - FLAPS \_\_\_\_\_ BRAKES \_\_\_\_\_

SOFT-FIELD TAKE-OFF: FLAPS \_\_\_\_\_ TECHNIQUE \_\_\_\_\_

SOFT-FIELD LANDING: FLAPS \_\_\_\_\_ TECHNIQUE \_\_\_\_\_

**POWER SETTINGS:**

TAKE-OFF \_\_\_\_\_ CLIMB \_\_\_\_\_

CRUISE @ 65% POWER, 7500 FT. STANDARD TEMPERATURE

MANIFOLD PRESSURE \_\_\_\_\_ RPM \_\_\_\_\_

FUEL FLOW \_\_\_\_\_ TAS \_\_\_\_\_

**TAKE-OFF DISTANCE (NO WIND):**

MAX GROSS WT., SEA LEVEL, STD TEMP. NORMAL T/O FLAPS \_\_\_\_\_

MAX GROSS WT., 5000 FT, 100 DEGREE F., 50 FT OBSTACLE, OPTIMUM

FLAPS \_\_\_\_\_

**LANDING DISTANCE (NO WIND):**

MAX LANDING WT., 1000' P/A, STANDARD TEMP, FULL FLAPS \_\_\_\_\_

**HOW DO YOU DETECT CARURETOR / INDUCTION ICE?**

\_\_\_\_\_

**IN THE EVENT OF CARB / INDUCTION ICE, WHAT ACTIONS WILL YOU TAKE?**

\_\_\_\_\_

**WHAT ARE THE UNSAFE GEAR INDICATIONS?**

\_\_\_\_\_

**WHAT IS THE EMERGENCY GEAR EXTENSION PROCEDURE?**

\_\_\_\_\_

**HOW DO YOU DETECT A GENERATOR / ALTERNATOR MALFUNCTION?**

\_\_\_\_\_

**WHAT IS THE SOURCE OF HOT AIR FOR CABIN HEATING?**

\_\_\_\_\_

**DESCRIBE YOUR ACTIONS IN CASE OF AN ELECTRICAL FIRE:**

\_\_\_\_\_

**DESCRIBE YOUR ACTIONS IN CASE OF AN ENGINE FAILURE:**

\_\_\_\_\_

**DESCRIBE THE GO-AROUND PROCEDURE:** \_\_\_\_\_

**WHEN MUST YOUR PASSENGERS WEAR THEIR SEATBELTS?**

\_\_\_\_\_

**WHAT INSPECTIONS ARE REQUIRED FOR THIS AIRCRAFT?**

\_\_\_\_\_

**WHAT DOCUMENTS MUST BE ON-BOARD DURING FLIGHT?**

\_\_\_\_\_