

Piper Cherokee ORIENTATION CHECKLIST

Pilot Data

Date _____ .Name _____ Airman's Cert. # _____ .
Address _____
Phone # _____
Med. Cert. Date _____ Class _____
Pilot Experience - Total Time: _____ Night Time: _____ .
Last 90 Days: _____ Night Currency: _____.
Previous Aircraft (Type/Hrs): _____ .

GENERAL

Aircraft Type: _____ Engine Mfg'r: _____ HP: _____.

LIMITATIONS

Engine Max RPM: .
Oil Cap. -Max _____ -Min _____
Fuel Grade: _____ Fuel Cap.: _____ -Tot. -Usable _____

Airspeeds: (MPH)

Vso - _____ Vrot - _____
Vs1 - _____ Vx - _____ @ SL
Vfe - _____ Vy - _____ @ SL
Va - @ gross 2550 _____ Climb - _____.
Vne - _____ Vbestglide - _____.

Approach Speeds MPH

Normal (flaps up) _____ . Normal (flaps dn) b.
Sht. Fld (flaps dn) _____ . Max Crosswind Limit _____.

EMERGENCY PROCEDURES

Does this aircraft have an alternate static source? _____.

Describe the go-around procedure.

Describe the Carb. Ice procedure. .

Describe the alternator failure procedure.

What is the Emergency Frequency? _____ Transponder Code? _____.

What equipment becomes inoperative if the vacuum pump fails?

NORMAL PROCEDURES

How many fuel drains are there? _____ Where are they?

Flap settings –

Max _____ Describe limitations .

Takeoff: Normal _____ Short Fld _____ Soft Fld _____ .

Describe leaning procedures.

Describe fuel management procedures

AIRCRAFT PERFORMANCE

What is the stall speed in a 60 degree bank (flaps up)? _____ .

Using the following conditions:

#1 Field Elev.: 1000' MSL #2 Field Elev.: 5500' MSL

Temperature: 75 deg F Temperature: 90 deg F

Weight: Max Gross Weight: Max Gross

Wind: 10 Kts Headwind Wind: Calm

Runway: Hard Surface Runway: Hard Surface

Altimeter Setting: 29.92 Altimeter Setting: 29.42

Calculate the following:

Flaps = 0 deg takeoff, 40 landing. Flaps = 0 deg takeoff, 40 landing

#1 T/O Dist. (50' obs): . #2 T/O Dist. (50' obs): .

Rate of Climb . Rate of Climb .

Ldg Dist.(50' obs): . Ldg Dist (50' obs): .

What power setting will yield 75% power @ 3000'?

What is the TAS and Fuel flow at this setting? TAS _____ GPH _____

WEIGHT AND BALANCE

Gross Ramp Wt: _____ Gross T.O. Wt: _____ Gross Ldg. Wt: _____.

Aircraft Empty Wt. & Arm Useful Load _____.

Calculate the Weight & Balance using: full fuel, 170# pass. Each seat, and 50# baggage. If this is over gross or out of CG range, alter the load to correct the problem.

A flight checkout in the aircraft is required for all pilots. It is the responsibility of the instructor to ensure the pilot being checked out is safe and competent in the aircraft

Checkout instructor is to submit one completed and signed copy to the customer folder.