

Piper Archer II N9341C ORIENTATION CHECKLIST

Pilot Data

Name _____ Date _____
Airman's Cert. # _____
Address _____ Type _____
Med. Cert. Date _____
Phone # _____ 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: (KIAS/KCAS)

V _{so} - _____	V _{rot} - _____
V _{s1} - _____	V _x - _____ @ SL
V _{fe} - _____	V _y - _____ @ SL
V _a - _____ @ gross 2550	Climb - _____
V _{ne} - _____	V _{bestglide} - _____

Approach Speeds KIAS

Normal (flaps up) _____	Normal (flaps dn) _____
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 0 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.

Description	Weight (lbs)	Arm	Moment
Empty			
Front Seat			
Rear Seat			
Fuel (48 US gal)			
Baggage			
Totals			

Description	Weight (lbs)	Arm	Moment
Empty			
Front Seat			
Rear Seat			
Fuel (37 US gal)			
Baggage			
Totals			

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 _____ Completed Checkout Date _____

Checkout instructor is to submit one completed and signed copy to the Chief Pilot