

Piper Archer

PA28-181

Make and Model Checkout

Name: _____ Date: _____

Ratings: _____ Total Hours: _____

Before Take-off		
Preflight	Uses checklist and P.A.V.E.	<input type="checkbox"/>
Cockpit & resource management	Is organized and familiar with equipment onboard	<input type="checkbox"/>
Airport signs and markings	Discuss signs and markings, hold short ops, etc.	<input type="checkbox"/>
Taxi Operations	Smoothly and carefully maneuvers aircraft, constantly scans for traffic, performs run-up into wind, positions flight controls according to wind direction and velocity. Uses checklist thoroughly.	<input type="checkbox"/>

Flight Maneuvers		
	(Must be performed to PPSEL PTS)	
Med. & steep banked turns	180 deg. turns both directions at 30 deg. bank	<input type="checkbox"/>
	360 deg. turns both directions at 45 deg. bank	<input type="checkbox"/>
Slow flight (per PPSEL PTS)	Include turns in both directions	<input type="checkbox"/>
Power off stall- landing config.	Performed in a 20 deg banked turn, full flaps	<input type="checkbox"/>
Power on stall – depart. config.	Performed in a 20 deg banked turn	<input type="checkbox"/>
Emergency Procedures	Completes all tasks if time permits	<input type="checkbox"/>
Instrument Flight	Return to Airport IR, using Nav equipment	<input type="checkbox"/>

Takeoffs & Landings	Airport(s):	
Normal (Full flaps if applicable)	Review wake turbulence procedures	<input type="checkbox"/>
Short field	Per POH	<input type="checkbox"/>
Soft field	Per POH	<input type="checkbox"/>
Short approach / power off Indg.		<input type="checkbox"/>
Go around		<input type="checkbox"/>
Crosswind	If available, or discuss	<input type="checkbox"/>

All these items have been satisfactorily performed to Private Pilot ACS standards

Instructor's signature:

Pilot's signature:

x

x



Engine Type		Vr	
Horse Power		Vx	
Total Fuel		Vy	
Usable Fuel		Vne	
Preferred Fuel Type		Vo	
Oil Type		Vfe	
Oil Quantity		Vs1	
Best Glide		Vso	

1. What should you do if you notice a very low oil pressure reading in flight?
2. Describe the electrical system.
3. What are the indications of a failed alternator?
4. What will occur if an alternator produces more than 14 volts? What will be the indication of this?
5. What is the appropriate course of action if an ammeter is indicating more than 40 amps?
6. Will the engine continue to run with the alternator and battery master switch turned off?
7. Which instruments are vacuum operated?
8. Describe the fuel system.



9. Describe the landing gear system.
10. What type of braking system is used by the Archer? Where is the brake fluid serviced?
11. Does the Archer have an alternate static source? If so, how is it activated and what actions are necessary to acquire the most accurate reading?
12. Is the aircraft fuel injected or carbureted?
13. How many fuel pumps does the Archer have? When are they used?
14. How many fuel sumps/drains are there and where are they located?
15. How would you know if this aircraft is approved for known icing conditions?
16. Is this aircraft approved for spins?
17. What type of flaps does the Archer have?
18. Are flaps used for normal takeoffs?
19. Draw and label the runway(s), tower, and typical traffic pattern for the Boise Airport or airport you are soloing at:



20. List the actions you take in the case of an engine failure:

21. Review emergency procedures with CFI.

All the above items have been satisfactorily reviewed and discussed to Private Pilot ACS standards.

Instructor's signature:

Pilot's signature:

x

x

Date: _____

Date: _____

