

# Professional Flight Crew

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## Piper Cherokee Checkout

1. What is the fuel capacity? Total \_\_\_\_\_; Useable \_\_\_\_\_  
Tabs Total \_\_\_\_\_; Tabs Usable \_\_\_\_\_

2. What is the maximum ramp weight (normal category)? \_\_\_\_\_

3. What is the maximum takeoff weight (normal category)? \_\_\_\_\_

4. What is the total oil capacity? Minimum? Type of oil? \_\_\_\_\_

5. What is the maximum weight for the baggage area? \_\_\_\_\_

6. What is the useful load? \_\_\_\_\_

7. What are the following speeds?

$V_{ne}$  \_\_\_\_\_

$V_{no}$  \_\_\_\_\_

$V_a$  @ max gross weight \_\_\_\_\_

$V_a$  @ \_\_\_ lbs \_\_\_\_\_

$V_{fe}$  \_\_\_\_\_

$V_{s1}$  0° Bank    60° Bank    \_\_\_\_\_

$V_{so}$  0° Bank    60° Bank    \_\_\_\_\_

$V_r$  \_\_\_\_\_

$V_x$  \_\_\_\_\_

$V_y$  \_\_\_\_\_

$V_g$  \_\_\_\_\_

8. When should the carburetor heat be on?
9. When should the electric fuel pump be used?
10. How will you manage fuel tank use? (Hint POH, Timer, Checklist)
11. How high is HWD Class D?
12. How far away from HWD is OAK Class C, and where does it's floor start?
13. Explain HWD airport noise abatement procedures. (Can attach relevant diagram)
14. Where will you turn base for 10L and 10R?
15. What are the TPA's for HWD?
16. If returning to HWD via an Oakland transition, can you switch to HWD TWR before instructions to do so from Oakland TWR?
17. Explain the likely departure including altitude you will get if departing to the East from 28R?  
(Hint 3 Crosses)
18. Explain the likely arrival including altitude you will get coming from the East or South? (Hint Cal State)
19. What are the HWD hot spots? (Use Airport Diagram)
20. Can the HWD tower see your aircraft when parked at PFC?
21. Where else is your plane not in visible to HWD tower when taxiing?

22. What is max demonstrated crosswind?

23. What is the takeoff distance (ground roll & clearing a 50' obstacle) at sea level, 75° F?

24. What is the takeoff distance (ground roll & clearing a 50 ft. obstacle) at 5,000' MSL at 90° F?

25. What is the landing distance and ground roll over a 50' obstacle at sea level and 75° F?

26. What is the landing distance and ground roll over a 50' obstacle at 5,000' and 90°F?

27. Calculate a weight and balance for today's flight.

	Weight	Arm	Moment
Basic Empty Weight	_____	_____	_____
Pilot & Front Passenger	_____	_____	_____
Rear Passengers	_____	_____	_____
Baggage	_____	_____	_____
Fuel (6 lbs/gallon)	_____	_____	_____
Ramp weight (_____) lbs normal category)	_____	_____	_____
Fuel Allowance for engine start, taxi, run up	_____	_____	_____
Takeoff Weight (_____) lbs normal category)	_____	_____	_____
CG	_____		

## Piper Cherokee Checkout Flight

- Steep Turns
- Slow Flight
- Power off stall
- Power on stall
- Emergencies
- Short field, soft field, no flap, and forward slip landings
- Go around

I certify that \_\_\_\_\_ has satisfactorily completed PFC's aircraft checkout in the Piper Cherokee (P28A).

Instructor: \_\_\_\_\_

Certificate number: \_\_\_\_\_

Date: \_\_\_\_\_