Alameda Aero Club

Piper Cherokee Checkout

1. What is the fuel capacity?

 Total \_\_\_\_\_\_\_\_\_

 Useable \_\_\_\_\_\_\_\_\_

 Tabs Total \_\_\_\_\_\_\_\_\_

 Tabs Useable \_\_\_\_\_\_\_\_\_

1. What is the maximum ramp weight (normal category)? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What is the maximum takeoff weight (normal category)? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. What is the total oil capacity? Minimum? Type of oil? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. What is the maximum weight for the baggage area? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. What is the useful load? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. What are the following speeds?

 Vne \_\_\_\_\_\_\_\_\_\_\_\_

 Vno \_\_\_\_\_\_\_\_\_\_\_\_

 Va @ max gross weight \_\_\_\_\_\_\_\_\_\_\_\_

 Va @ 1531 lbs \_\_\_\_\_\_\_\_\_\_\_\_

 Vfe \_\_\_\_\_\_\_\_\_\_\_\_

 Vs \_\_\_\_\_\_\_\_\_\_\_\_

 Vso \_\_\_\_\_\_\_\_\_\_\_\_

 Vx \_\_\_\_\_\_\_\_\_\_\_\_

 Vy \_\_\_\_\_\_\_\_\_\_\_\_

 Vg \_\_\_\_\_\_\_\_\_\_\_\_

1. When should the electric fuel pump be used?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. When should the carburetor heat be applied?

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

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

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

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

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1. 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 (2447 lbs normal category) \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

 Fuel Allowance for engine start, taxi, run up \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

 Takeoff Weight (2440 lbs normal category) \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

 CG \_\_\_\_\_\_\_\_\_

Piper Cherokee Checkout Flight

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

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ has satisfactorily completed Alameda Aero Club’s aircraft checkout in the Piper Cherokee (P28A).

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CFI \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Certificate number

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date