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?

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

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

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