



Airplane Checkout Worksheet  
N500KC (Cherokee 140)

Name \_\_\_\_\_ Date \_\_\_\_\_ CFI \_\_\_\_\_

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Fuel: Total Capacity \_\_\_\_\_ Total Usable \_\_\_\_\_

Usable Each Tank \_\_\_\_\_ Qty at Tabs \_\_\_\_\_

Endurance each tank at 4,500' at 2400RPM on a standard day \_\_\_\_\_ hrs

What is the procedure for switching tanks \_\_\_\_\_

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Oil: Maximum \_\_\_\_\_ Normal \_\_\_\_\_ Minimum \_\_\_\_\_

Oil Grade/Type \_\_\_\_\_

Weight and Balance

Empty Weight \_\_\_\_\_ Gross Weight \_\_\_\_\_

Useful Load \_\_\_\_\_ Payload with full fuel \_\_\_\_\_

Maximum weight in back seat with two 180lb occupants in front seat \_\_\_\_\_

Calculate weight and balance for the following scenario:

You and a 160lb front seat passenger, 80lb backseat passenger, 30lb baggage,  
full fuel. Show your work below.

V-Speeds

Va – Maneuvering Speed \_\_\_\_\_ Vr – Rotation \_\_\_\_\_ Vy – Best rate \_\_\_\_\_  
Vx – Best angle \_\_\_\_\_ Vfe – Flap extended \_\_\_\_\_ Nne – Never exceed \_\_\_\_\_  
Vs – Stall speed flaps up \_\_\_\_\_ Vso – Stall speed flaps down \_\_\_\_\_ Best glide \_\_\_\_\_

Normal Operating Procedures

Flap setting for normal takeoff \_\_\_\_\_ Short field takeoff \_\_\_\_\_

Approach speed normal landing \_\_\_\_\_ Short field landing \_\_\_\_\_

Takeoff distance: 90 degrees, 700' field elevation, calm wind, gross weight \_\_\_\_\_

Landing distance: 90 degrees, 700' field elevation, calm wind, gross weight \_\_\_\_\_

Explain procedure for switching tanks \_\_\_\_\_

\_\_\_\_\_

When should electric fuel pump be turned on \_\_\_\_\_

\_\_\_\_\_

When should it be turned off \_\_\_\_\_

Explain the procedure for accessing the Hobbs and Tach times on the JPI \_\_\_\_\_

\_\_\_\_\_

When do you apply carb heat \_\_\_\_\_

How do you turn on the ADS-B \_\_\_\_\_

Emergency Procedures

Explain the basic procedures for a rough running engine at altitude \_\_\_\_\_

\_\_\_\_\_

Explain the procedures for a failed engine at altitude \_\_\_\_\_

\_\_\_\_\_