Cessna 172N N4601G Checkout Sheet

Name_____

Date_____

List the following speeds:

Vx _____

Vy _____

Va _____

Vfe _____

Vso _____

Vs _____

Vne _____

Best Glide _____

Normal Approach _____

Short Field Approach _____

Maximum Demonstrated Crosswind _____

Stall speed in the landing configuration at gross weight in a 30 degree bank? _____

How far can you glide at 5000 feet AGL? _____

Weight & Balance Information:

Basic Empty Weight _____

Maximum Takeoff Weight _____

Useful Load _____

Maximum Landing Weight _____

Weight & Balance Problem:

You and three 170 lb passengers and full fuel. • Is the weight within limits?

• How much baggage can you carry?

• Is the CG within limits, where is the CG?

Describe the recommended takeoff procedures for this aircraft

Normal:

Crosswind:

Short field:

Soft field:

Describe the recommended landing procedures for this aircraft

Normal:

Crosswind:

Short field:

Soft field:

Performance Chart Calculations:

Given: Max Gross weight 5000 ft. pressure altitude 105°F 5 knot headwind
Find:
Takeoff Roll _____

Distance to clear 50-foot obstacle _____

Landing Roll _____

Landing Distance over 50-foot obstacle _____

Fuel & Oil:
What is the fuel capacity? Total: _____ gallons Useable: _____ gallons

What is the minimum octane fuel this aircraft can use? _____

What is the fuel burn per hour, TAS and RPM at 5000', 75% power and standard temperature?

How long can you fly with full tanks and land with VFR night reserve under these conditions?

Where are the fuel drains located?

When is fuel taken from the drains?

What is the recommended grade and type of oil?

What is the minimum operating oil level?

General Questions:

What effect does a lower aircraft weight have on maneuvering speed?

How do you detect carburetor icing?

What conditions are the most conducive to carburetor icing?

What does excessive RPM loss after applying carburetor heat during runup indicate?

What is the recommended go around procedure?

What is the indication of alternator failure?

Where is the alternate static source located?

What changes in the aircraft instruments would you see when using the alternate static source?

What should you do if a door opens during flight?

What actions should be performed if engine loss occurs during takeoff?

What is the recommended procedure if you must land in a tailwind?