

Aces High Aviation

Aircraft Checkout Quiz

Name _____ Date _____

Aircraft Make and Model _____

Approximate flight time in this model _____

What are the following airspeeds (KIAS) Vso Vs1 Best Glide Vfe

Vx Vy Va Vno Vne

Total Fuel _____ Usable Fuel _____ What type of Fuel _____

When should the fuel pump be used? _____

Describe the Fuel system _____

Approved Oil Range _____ What type of oil does this plane use _____

Weight and Balance _____

Max Takeoff Weight _____ Useful Load _____ Useful Load with Full Fuel _____

Complete the following weight and Balance

Basic empty weight _____ lbs

Front Passengers _____ 350 lbs

Rear Passengers _____ 160 lbs

Fuel _____ gal _____ lbs

Total _____

Location of CG _____

Takeoff and Landing calculations: 4000' msl, 90° F, max gross weight

Takeoff distance over 50' obstacle _____ Landing of 50' obstacle _____

What power setting would you use for the following condition?

7,500' 20° degrees Celcius above ISA

What would the range and endurance be for this aircraft assuming Night VFR reserves?

Percentage of Power _____ %

GPH _____ RPM _____

Range _____ Endurance _____

What is the proper leaning procedure? _____

What steps would you take after an engine failure _____

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What steps would you take if you smelled smoke in the Cockpit

Air Conditioned planes only

When can and can't the airconditioning be used?

How do you expect the air conditioning to affect cruise speed and fuel consumption?

To gain scheduling access, this form must be completed, reviewed and signed by your instructor. We must also have a rental agreement and pilot information sheet on file.

Gmail email address (required for scheduling). _____

I agree to operate this aircraft with sound judgement at all times according to the procedures set forth by the aircraft limitations.

Pilot Signature _____

Date _____

Instructor Signature _____

Date _____