

Aircraft Review and Familiarization Sheet for Certificated Pilots

Alameda Aero Club

Completion of this test is a prerequisite to solo flight in Club Aircraft. Answers to the questions may be found in the Pilot's Operating Handbook or Approved Flight Manual. This test must be reviewed and signed off by a Club authorized Instructor. This form is to remain in the Pilot's File at the Alameda Aero Club. Student pilots must use the AAC Pre-solo Written test instead of this test.

Aircraft make and model

Aircraft Registration number

Fuel capacity in gallons _____ In pounds _____ Total usable fuel _____

Fuel grade and color _____

Number of fuel tanks _____

Location of fuel sump drains

Recommended grade of oil _____

Maximum and minimum oil quantity _____ Max _____ Min

Aircraft Basic Empty Weight _____ Lbs

Aircraft useful load _____ Lbs

Maximum Gross Takeoff Weight _____ Lbs

Indicated Airspeeds for the following:

Vs _____ Vso _____ Vr _____ Vx _____ Vy _____ Vno _____ Vfe 10 deg. _____

Vfe 20 deg. _____ Vne _____ Vg _____ Va @MGW _____ Va @1800 lbs _____

What is the purpose of the flaps?

What is the procedure to follow if you suspect Carburetor Ice?

What is the power setting, Fuel burn, and TAS for the following conditions:
65% power, 7500 ft MSL, Standard temperature.
RPM _____ Fuel burn _____ GPH TAS _____

What would be an indication of an alternator failure on your aircraft?

As you cross the runway threshold, you see a coyote on the runway. Describe the Go-Around procedure.

What is the minimum runway length for a takeoff in your airplane given the following:

Max Gross Takeoff Weight, Wind calm, Sea level, Standard Temperature.

What is the Takeoff distance of your airplane given the following:

Max Gross Takeoff Weight, Wind calm, 5000 ft airport elevation, 40 Deg. C, to clear a 50 ft. obstacle.

What aircraft documents must be on board During a flight? (ARROW)

If the CG is outside the envelope, what can you do to bring it back into the envelope?

What are the hazards of flying the aircraft with the CG beyond the forward limit?

Beyond the aft limit?

Pilot name _____

Test reviewed by _____

Instructor Signature _____

Date _____

