

Alliance Flight Schools
Written Examination for Aircraft Checkout

NAME _____ DATE _____

Reviewed, Corrected, and Approved by:

INSTRUCTOR _____ DATE _____

AIRCRAFT MAKE & MODEL

- 1) What are the usable fuel capacity, grade, and color? _____
- 2) Where are the fuel drains located? _____
- 3) What are the oil capacity, minimum level, and recommended type? _____
- 4) What are the basic empty weight and the maximum aircraft gross weight? _____
- 5) What is the useful load with full fuel? _____
- 6) What is the recommended normal approach speed? _____
- 7) What is the recommended short field approach speed and configuration? _____
- 8) The wing level, no flaps stalling speed is _____ and a full flap stalling speed of _____.
- 9) What is the rotation speed (V_r)? _____ Best glide speed? _____
- 10) What is the best angle of climb speed (V_x)? _____
Best rate of climb speed (V_y)? _____
- 11) Maneuvering speed is defined as _____
And at max gross weight, the maneuvering speed is _____.
- 12) What is the maximum demonstrated crosswind component? _____
- 13) What is the recommended crosswind landing technique? _____
- 14) What is/are the maximum flap extension speed(s)? _____
- 15) What is the starting procedure if the engine is flooded? _____
- 16) How do you detect and prevent carburetor ice (if the airplane is so equipped)?

17) What is the proper pushback procedure for all AAS aircraft? _____

18) Describe the manual mixture leaning procedure (mixture setting) for the following situations?

Ground Operations _____

Prior to Takeoff _____

Climb _____

Cruise _____

Descent/Landing _____

19) Complete the following (airport elevation 6000 feet, 30°C max weight):

Normal Takeoff Distance (50 ft obs): _____

Normal Landing Distance (50 ft obs): _____

20) Complete the following using recommended cruise power settings:

1500 feet, standard temperature:

RPM: _____ TAS: _____ Fuel Consumption: _____

6000 feet, 20° above standard temperature:

RPM: _____ TAS: _____ Fuel Consumption: _____

21) What is the endurance in hours at 6000 feet and 65% power? _____

AIRCRAFT CHECKOUT

I certify that _____ has taken and passed the written and flight test(s) for the aircraft listed below and is qualified to pilot the following aircraft:

Remos GX _____ Piper Arrow _____ Cessna 172N _____ Cessna 172SP _____

Cirrus SR20 _____

Date _____

Instructor Signature _____