

PRE-SOLO QUIZ
December 1, 2000

Member _____ Date _____ Checked and Corrected by _____

1. Describe how you would overtake another airplane (FAR 91.113) _____

Explain what you would do when you are converging with another aircraft at the same altitude, (FAR 91.113) _____
2. Tower has informed you that your are Nr. three to land, but you cannot locate the Nr. 2 aircraft in the traffic pattern. What do you do? _____

Just after you lift off, you discover that your radio does not work. What should you do? (AIM, para 4-2-3) _____

3. After a prolonged low-power descent, your RPM's fall off and the engine seems to run rough. After pulling the carb heat knob, you lose more RPMs and the engine seems rougher. What to you do? _____

4. Explain the airspeed markings (*Pilots' Operating handbook*) _____

5. What is the emergency radio frequency? _____
6. You are on final, with full flaps, and Tower instructs you to go around. How do you do that?

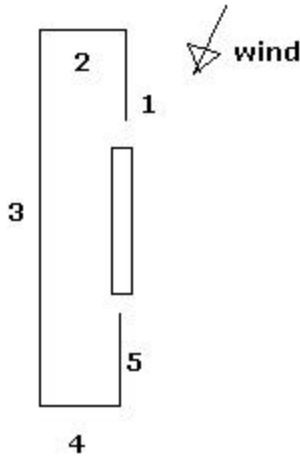
7. What is the transponder setting for radio failure? (AIM 6-4-1) _____
8. What is the airspeed for a maximum-distance glide in the Cessna 150 or Cessna 152? (Operator's manual) _____
- 12) What is the transponder setting for an emergency? _____
- 13) What does a flashing green light mean (from the Control Tower, when you are in the air)? AIM 4-3-11

- 14) For Johnson County Executive Airport, what are the radio frequencies for Ground Control, Tower, and ATIS? What is the Common Frequency for Lees Summit Airport _____

- 15) What is the traffic pattern at Johnson County Executive? For Lees Summit? _____

9. During the engine runup, the magneto drops more than allowable. What should you do?

- 16) While the engine is warming up, you notice that your oil pressure has dropped to Zero. What should you do? _____
- 17) You have encountered an aerodynamic stall. How do you recover? _____
- 18) As a student, are you allowed to carry passengers? _____
- 19) Name the parts of the traffic pattern in the following diagram:



- 20) Explain how to position the ailerons while taxiing: _____
- 21) What is the recommended taxi speed? _____
- 22) While on final approach, you see the following VASI light displays. Explain the position of the aircraft

white	red	red
white	white	red

- 23) What type of airspace surrounds Johnson County Executive Airport? _____
- 24) What is the minimum ceiling and visibility for student pilots at Johnson County Executive (Marine Corps Manual, Chapter 4) _____
- 25) Refer to the wind chart in the aircraft checklist. Tower announces the wind as 310° at 11 knots, runway 36 is in use. What are the headwind and crosswind components?

- 26) You call tower to enter the traffic pattern and tower responds.. Indicate your approximate position and route of flight for the following.
- A) Report a 2-mile right base for runway 36
 - B) Report a 2-mile left downwind for runway 36
 - C) Report a 2-mile right downwind for runway 18
 - D) Report a 2-mile final for runway 36



- 27) Explain what you would do if the right door popped open as you were taking off. _____

- 28) Explain what you would do if you ran off of the runway on landing. _____

- 29) As a student pilot, are you allowed to fly into the Class B airspace surrounding Kansas City International Airport?: AIM para 3-2-3(b.3.b) and FAR 61.95 (a) 3 b. _____

- 30) As a student pilot who has been cleared for solo operations, how often are you required to fly with an instructor? _____