

Pilot Qualifications:

1. Pilot Documents required for check ride?
2. What documents must you carry to exercise private pilot privileges?
3. Requirements to remain current?
4. Requirements to carry passengers day/night?
 - a. What is the definition of night for passenger recency of experience requirements?
5. Required records to keep?
6. What are private pilot privileges?
7. What limitations does a private pilot have?
8. Classes of medical?
9. Expiration of each class?
10. What happens to first class medical when it expires?
11. What is Basic Med?
12. How do you distinguish between proficiency and currency?
13. How do you determine if you are proficient to fly particular aircraft?

Airworthiness Requirements:

1. What are the required documents that must be on the plane?
 - a. Where must those documents be located within the airplane?
2. Does the airworthiness certificate expire? If so, when?
3. Does the registration expire? If so, when?
4. What are the required inspections for the check ride?
5. Where must the inspections be recorded?
6. Who is allowed to do the inspections?
7. What is an airworthiness directive?
8. Is it required to comply with an airworthiness directive?
9. What is the required equipment for Day/Night VFR flight?
10. Can you fly with inoperative required equipment? How?
11. Can you fly with inoperative non-required equipment? How?
12. Can you perform any maintenance on the aircraft?

National Airspace System:

1. Complete Airspace Table (see attached)

2. Special Use Airspace: Where is the information for altitudes and times of use for special use airspace?

a) Prohibited

Definition:

Depiction:

b) Restricted

Definition:

Depiction:

c) Military Operations Areas

Definition:

Depiction:

d) Warning Areas

Definition:

Depiction:

e) Alert Areas

Definition:

Depiction:

f) Controlled Firing Areas

Definition:

Depiction:

g) Military Training Routes

Definition:

Depiction:

h) Temporary Flight Restrictions

Definition:

Depiction:

i) Terminal Radar Service Areas

Definition:

Depiction:

3. Chart Symbolology

a) Chart Legend: See Chart symbolology quiz

b) Types of Charts

V-SPEEDS

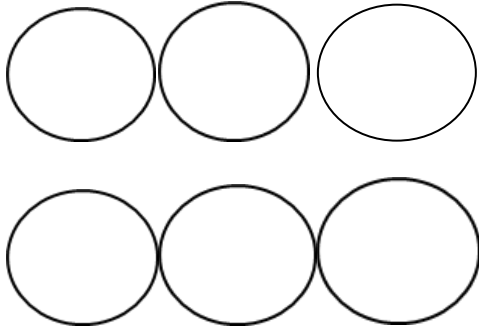
V-Speed	Defined	Speed KIAS	Indicated on ASI
V_S			
V_{SO}			
V_R			
V_X			
V_Y			
V_{NO}			
V_{NE}			
V_a		V_A @ Max gross weight =	
		V_A @ basic empty weight =	
V_{FE}			

Operation of Systems:

1. Primary Flight Controls
2. Secondary Flight Controls
3. Engine
 - a. Specifications
 - b. Four strokes of an engine
 - c. Safety Features
4. Propeller
 - a. Type
5. Landing Gear
 - a. Type
6. Fuel
 - a. Fuel Type
 - b. Fuel Quantity
 - c. Fuel System Schematic (know how to explain)
 - d. Safety Features
7. Electrical
 - a. Battery Volts?
 - b. Alternator Volts? Amps?
 - c. Electrical Schematic (know how to explain)
 - d. Safety Features
8. Avionics
 - a. Types
 - b. Operation

9. Flight Instruments

- a. Label the flight instruments below by name and the system it runs on



- b. Pitot Static System Description
- i. Airspeed Indicator operation
 - ii. Altimeter Operation
 - iii. Vertical Speed Indicator Operation
- c. Turn Coordinator Operation
- d. G5 Operation

10. Environmental

- a. Heating System Description
- b. Cooling System Description

11. Deicing and Anti Icing Equipment

- a. Types on our aircraft
- b. Function

Human Factors

1.Hypoxia:

a) Definition

b) Symptoms

c) Types

1.

a. Causes:

2.

a. Causes:

3.

a. Causes:

4.

a. Causes:

e) Corrective actions

2.Hyperventilation:

a) Definition

b) Symptoms

c) Causes

d) Corrective actions

3.Middle Ear and Sinus Problems:

- a) Definition
- b) Symptoms
- c) Causes
- d) Corrective actions

4.Spatial Disorientation:

- a) Definition
- c) Causes
- d) Corrective actions

5.Motion Sickness:

- a) Definition
- b) Symptoms
- c) Corrective actions

6.Carbon Monoxide Poisoning:

- a) Definition
- b) Symptoms
- c) Causes

d) Corrective actions

7. Stress:

a) Acute

b) Chronic

c) Causes

d) Corrective actions

8. Fatigue:

a: Definition

b: Symptoms

9. Dehydration and Nutrition:

a) Importance

b) Effects

10. Hypothermia:

a) Definition

b) Symptoms

c) Corrective actions

11. Optical Illusions:

a) Definition

c) Types

d) Causes

e) Corrective actions

12. Scuba Diving:

a) Recommendations for flight following a dive

13. Drugs/Alcohol:

a) Regulations regarding usage

14. IMSAFE: