



## Pre-Solo Written Examination FAR part61.87(b)

Name	_____
Date	_____
Instructor	_____
Aircraft make and model	_____

### **FAR**

Who is responsible to determine that the airplane is airworthy? \_\_\_\_\_

Can a student pilot legally carry passengers during solo flight? \_\_\_\_\_

How many days can you fly solo after you receive the endorsement? \_\_\_\_\_ days

What personal documents do you have to carry during solo flight?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

How long is student pilot certificate good for? \_\_\_\_\_

How long is the medical certificate good for? \_\_\_\_\_

What documents must be carried in the airplane?

\_\_\_\_\_

\_\_\_\_\_

How many mile from the departure airport can a student pilot fly during solo flight?

\_\_\_\_\_ NM

Under what conditions may a student pilot land the airport other than the airport the student is trained?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Who is the final authority over the safe operation of your aircraft during solo flight?

\_\_\_\_\_

What is the latest time you can drink beer tonight if you have a flight schedule 7:00AM tomorrow?

\_\_\_\_\_

When do you have to fasten the seat belt? How about shoulder harness?

Seat belt \_\_\_\_\_ Shoulder harness \_\_\_\_\_

Except for takeoff and landing, what is the lowest altitude you can fly?

## About the airplane

What is the normal approach speed for your airplane? \_\_\_\_\_

What is the best rate of climb speed for your airplane? \_\_\_\_\_

Vspeed	Definition	KIAS
Vso		
Vs1		
Vfe		
Vno		
Vne		

What three item regarding fuel do you check during pre-flight inspection?

\_\_\_\_\_

Maximum capacity of fuel tank. \_\_\_\_\_ Gal Usable fuel. \_\_\_\_\_ gal

Minimum grade of fuel. \_\_\_\_\_

Oil required

Total \_\_\_\_\_ qts Minimum \_\_\_\_\_ qts

What causes left turning tendency?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Why do you need to use rudder to turn?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

When will airplane stall?

\_\_\_\_\_

What effect does bank angle have on stall speed?

\_\_\_\_\_

What is the indication of stall?

\_\_\_\_\_

How can you recover from stall?

\_\_\_\_\_

How can you correct if one wing drop during stall?

\_\_\_\_\_

## **Airport**

What is the airspace around this airport? Class \_\_\_\_\_

What is the shape and size of RHV airspace?

Traffic pattern altitude at RHV. \_\_\_\_\_ MSL

Noise abatement procedure for runway 31R at RHV airport.

\_\_\_\_\_

What is the weather minimum for take off from this airport?

Visibility \_\_\_\_\_ SM Ceiling \_\_\_\_\_ ft

What do you have to do before you operate in RHV airspace?

\_\_\_\_\_

Frequency for

ATIS \_\_\_\_\_ Ground \_\_\_\_\_ Tower \_\_\_\_\_

What is the deference between the airport depicted in blue and magenta ?

\_\_\_\_\_

Airspace around San Jose Class \_\_\_\_\_

Requirement to enter San Jose airspace

\_\_\_\_\_

How can you avoid San Jose airspace?

\_\_\_\_\_

## **Emergency**

What actions would you take if the door open during takeoff climb?

\_\_\_\_\_

Engine failure procedure

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

What is the indication of carburetor icing?

\_\_\_\_\_

What would you do in the case of carburetor icing?

\_\_\_\_\_

Position of aileron and rudder during taxi in the wind

\_\_\_\_\_

How can you avoid wake turbulence?

\_\_\_\_\_

“Wind 350 at 14 gust 23kts.” How will you adjust approach speed?

\_\_\_\_\_

Do you need a permission from the tower before you go-around?

Go around

What would you do if you lost communication radio when you came back to RHV?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

<b>Color</b>	<b>In Flight</b>	<b>On Ground</b>
Steady Green		
Flashing Green		
Steady Red		
Flashing Red		
Alternate Red And Green		
Flashing White		