

# PACIFIC FLYING CLUB

## C172R Exam

### Checkride & 6- Month Recurrency

Member Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Performance

1) What are the critical speeds for the following conditions?

- a) Power off stall, flaps up \_\_\_\_\_ KIAS
- b) Power off stall, flaps down \_\_\_\_\_ KIAS
- c) Maneuvering speed @ maximum weight \_\_\_\_\_ KIAS
- d) Maneuvering speed @ 2000 lbs \_\_\_\_\_ KIAS
- e) Maximum flap extension \_\_\_\_\_ KIAS
- f) Maximum Structural Cruise \_\_\_\_\_ KIAS
- g) Never exceed speed \_\_\_\_\_ KIAS
- h) Best angle of climb \_\_\_\_\_ KIAS
- i) Best rate of climb at sea level \_\_\_\_\_ KIAS
- j) Best rate of climb @ 10 000 feet \_\_\_\_\_ KIAS
- k) Short field approach \_\_\_\_\_ KIAS
- l) Short field take-off \_\_\_\_\_ KIAS

2) What is the anticipated rate of climb at maximum gross weight at:

Sea level \_\_\_\_\_ fpm  
8 000 feet \_\_\_\_\_ fpm

3) What is the fuel consumption at 65% power at 4 000 feet \_\_\_\_\_ GPH.

4) What is the endurance under the conditions in 3) \_\_\_\_\_ hours.

5) What is the maximum gross weight for a C-172R \_\_\_\_\_ lbs.

### Fuel System

1) Maximum fuel quantity, 2 standard tanks \_\_\_\_\_ US Gal

2) What precautions must be taken to ensure that fuel will not drain from the high tank to low tank when the aircraft is parked on uneven found or when being refueled on uneven ground? \_\_\_\_\_  
\_\_\_\_\_

3) How many fuel drains are there and where are they? \_\_\_\_\_  
\_\_\_\_\_

4) Where is the fuel shutoff valve? \_\_\_\_\_

## Start up

1) How do you test the annunciator panel? \_\_\_\_\_  
\_\_\_\_\_

2) List the steps for a normal start \_\_\_\_\_  
\_\_\_\_\_

## Electrical System

1) The ammeter showing a discharge rate indicates that the \_\_\_\_\_ is not functioning.

2) There are 2 indicators that your alternator has failed, they are  
(1) \_\_\_\_\_ (2) \_\_\_\_\_

3) In the event of an alternator failure, all but \_\_\_\_\_ electrical equipment should be turned off, and the flight be \_\_\_\_\_ as soon as possible.

4) What is the gyro power source for the following instruments?

- a) Attitude indicator \_\_\_\_\_
- b) Heading indicator \_\_\_\_\_
- c) Turn Coordinator \_\_\_\_\_

5) The normal suction operating range is between \_\_\_\_\_ and \_\_\_\_\_ In Hg.

## Emergencies

1) In the event of a static source blockage, pull \_\_\_\_\_ on.

2) When operating on alternate static, error is negligible except when \_\_\_\_\_ are open.

3) The best glide speed at maximum gross weight is \_\_\_\_\_ KIAS.

4) State the actions required in the proper sequence for the following emergencies:

a) Engine fire in flight: \_\_\_\_\_

b) Electrical fire in flight: \_\_\_\_\_

c) Cabin fire in flight: \_\_\_\_\_

# PACIFIC FLYING CLUB CHECKRIDE FORM

**1. WHEN MUST A FLIGHT PLAN BE ISSUED?**


**2. FOR HOLDER OF A PRIVATE OR COMMERCIAL LICENCE, HOW OFTEN MUST THEY FLY TO BE "CURRENT"?**


**3. HOW OFTEN IS A CHECKRIDE REQUIRED?**


**4. WHAT IS THE CLUB POLICY FOR OVERNIGHT TRIPS?**


**5. WHAT SHOULD YOU DO IF YOU ANTICIPATE RETURNING AFTER YOUR DISPATCHED ETA?**


**6. WHAT ARE THE WEATHER MINIMA FOR LICENCED PILOTS IN THE PRACTICE AREA?**


**7. WHAT ARE THE WEATHER MINIMA FOR LICENCED PILOTS ON CROSS COUNTRY FLIGHTS?**


**8. WHAT IS THE REQUIRED FUEL QUANTITY FOR DAY VFR FLIGHTS?**


**9. WHAT IS THE CLUB'S POLICY FOR GRAVEL AND SOFT FIELD LANDINGS?**


**10. HOW DOES A PILOT DETERMINE IF THERE ARE ANY OUTSTANDING DEFECTS ON A PFC AIRCRAFT?**


**11. HOW DOES A PILOT REPORT AIRCRAFT DEFECTS?**


**12. IF ATC GIVES YOU CLEARANCE OR INSTRUCTION YOU DO NOT UNDERSTAND HOW SHOULD YOU RESPOND?**
