

PACIFIC FLYING CLUB

C-172 Exam

Checkrides & 6-Month Recurrency

Members 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 @ 1950 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 @ 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-172 _____ lbs

Fuel System

- 1) Maximum fuel quantity, 2 standard tanks _____ US Gal
- Maximum fuel quantity, 2 long range tanks _____ US Gal

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

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) The only "pullable" circuit breakers are the ones protecting the _____, _____.
- 5) If the clock is not operating and you suspect the fuse, it is located _____.
- 6) What is the gyro power source for the following instruments?
a) Attitude Indicator _____
b) Heading Indicator _____
c) Turn Coordinator _____
- 7) 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. The Glide Ratio is _____.
- 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?
