Pacific Flight Academy

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Single Engine Aircraft Checkout Form

Pilot's Name:	**Date of checkout:**
Aircraft Make & Model:	

Aircraft

1. Locate the following "V" speeds for the aircraft:

V_{so}:		V_a:	
V_s:		V_{no}:	
V_r:		V_{ne}:	
V_x:		$V_{Approach}$:	
V_g:		$V_{Approach\ no\ flaps}$:	
V_y:		$V_{Short\ field\ approach}$:	
V_{fe}:		Maximum Crosswind:	

2. Fuel & Oil:

Total fuel capacity:		Oil capacity:	
Usable fuel:		Minimum oil:	
Grade & color of fuel:		Type & weight of oil:	

3. Aircraft Weights & Limitations

Max takeoff weight:		Basic empty weight:	
Max landing weight:		Useful load:	

4. Engine Performance & Operating limitations

Engine model:		Horsepower:	
Max continuous power setting:		Max oil pressure:	
Max oil temperature:		Min oil pressure:	

5. During run-up one of the magnetos is running rough. What is happening and what will you do about it?

6. Explain how you lean the mixture and when it should be leaned.

7. Given the following conditions: Honolulu International, Altimeter 30.10, Field Temp 31°C, maximum gross weight, 10 knots headwind. Compute the following:

Takeoff ground roll:		Landing ground roll:	
Distance to clear 50' obstacle:		Landing distance over 50' obstacle:	
Rate of climb:			

8. In cruise at 5,500', 25°C, 65% power: How many gallons per hour of fuel is being consumed and at what true airspeed?

9. How many degrees of flaps does this aircraft use for:

Normal Takeoff:		Normal Landing:	
Short Field Takeoff:		Short Field Landing:	
Soft Field Takeoff:		Soft Field Landing:	

10. Compute a weight and balance with full tanks, your weight, a 200 pound front passenger, and 100 pounds of baggage in the back. Are you in limits, and is the aircraft within the normal or utility category? If you are not within limits, what would have to be done to bring the aircraft within limits?

Emergency Procedures

11. State the procedure in response to an in-flight engine failure.

12. State the best procedures for ditching and egressing in the event of a forced water landing.

13. State how you would handle an engine failure upon takeoff from runway 4R at 500' at the departure end of the runway.

14. If the low voltage warning light illuminates, what might have happened?

15. Describe your actions in the event of an electrical fire.

16. You look down at the engine instruments and notice a low oil pressure. What instrument would you look at next and what might be a good course of action for this scenario?

17. One hour into the flight at 2,500’ a passenger complains of a headache and feels sleepy. You notice your own fatigue that has occurred suddenly. What is going on? What should you do?

Aviation Publications

18. Using a Hawaii Sectional Chart answer the following:
    a. You are on the HNL 320 radial at 7 NM, altitude 1500 feet. What airspace are you in?

    b. What are the VFR weather requirements for this airspace?

19. On what page within the Pacific Chart Supplement can the VFR departures and arrivals into the Honolulu Class Bravo Airspace be found?

20. What frequency should be monitored while flying along the north shore of Molokai?

FAA Regulations

21. To carry passengers during the day, a pilot must complete what requirements? At night?

22. On arrival at Honolulu International to go flying you notice the rotating beacon lit. What does this mean at 12pm?

23. What is required for you to fly on a Special VFR clearance? Can you get on out of PHNL? How about PHJR?

Personal Minimums

24. Describe your personal minimums for this aircraft.

25. Can personal minimums change? What can cause them to change?

Aircraft Checkout Completed	
Date checkout completed:	
CFI Name:	
Certificate Number:	
Expiration Date:	
CFI Signature:	

CFI'S please ensure this document is completed in its entirety, signed, and uploaded into Flight Schedule Pro with any required student solo endorsements BEFORE the student or renter takes the aircraft solo. Mahalo!