

OFC PRE SOLO EXAM STUDY GUIDE – Know all the following:

- 1) Discuss journey logs: what are defects and who shall log them; deferred defects and how they are deferred; missing journey logs
- 2) Explain strong wind precautions during walkarounds and refueling safety procedures.
- 3) What are the minimum oil/fuel requirements for flight? How do you determine the correct oil grade for your aircraft?
- 4) What emergency equipment should be checked during the walkaround, and what do you look for? Also, during a walkaround, you discover that there is frost on the upper part of the wing. How much is safe for flight?
- 5) Location of the POH in the aircraft.
- 6) What are carb ice temperature ranges and the proper method to clear carb ice in flight?
- 7) What procedure will you follow for an Engine Fire in Flight?
- 8) What is the procedure for an Engine Fire that occurs as you are attempting to start the aircraft?
- 9) What is the proper procedure to follow for an electrical fire?
- 10) Explain transponder operation: modes, special use codes, recycling, ident feature.
- 11) Recall ATC light signals directed to aircraft in flight.
- 12) Communication failure procedures need to be explained in detail, including radio system operation.
- 13) What is a 360?
- 14) Tower tells you to proceed directly to the runway threshold, but from your position, it appears it would be very difficult to land safely. What should you do?
- 15) You are on final approach for a runway and tower tells you that you are cleared to land. When you are on very short final, an aircraft taxis into position on the runway ahead of you and stops. What should you do?
- 16) You are cleared to land on a runway but are concerned about a high crosswind component. What should you do?
- 17) What does “taxi to position” mean?

- 18) What is “the button”?
- 19) Tower advises you to follow traffic ahead on the downwind, which you have in sight. Shortly thereafter, you lose sight of the traffic. What is the best course of action?
- 20) Tower instructs you to “stay downwind, I will call the turn to base.” What does it mean?
- 21) You are on final approach, but tower advises that you are “number one.” Why did you not get a landing clearance?
- 22) You are inbound to the airport and are cleared “to the circuit.” When can you start the descent to circuit altitude?
- 23) What is the radio frequency to contact the Ottawa Flying Club?
- 24) What is the secondary Ottawa Tower frequency and what is it used for?
- 25) What are the minimum visibility, ceiling, wind and precipitation standards for solo at the OFC?
- 26) How many days can elapse between your last flight and a solo flight?
- 27) What privileges can you exercise with a Student Pilot Permit?
- 28) On solo flights, when are you required to carry your Medical Certificate?
- 29) Understand runway headings and reciprocals.
- 30) Recall wake turbulence avoidance procedures.
- 31) What is the procedure for a full-flap overshoot?
- 32) What are V_{fe} , V_x , V_y , and the Maximum Demonstrated Crosswind Component of your aircraft?
- 33) What is the maximum Blood-Alcohol Content (BAC) that you can have when you start the flight?
- 34) If you are very tired, is it legal for you to do a flight?
- 35) If you must reset a popped circuit breaker in flight, how many times should you try?
- 36) To be signed out for a solo flight by an instructor, you will need to present what four documents?