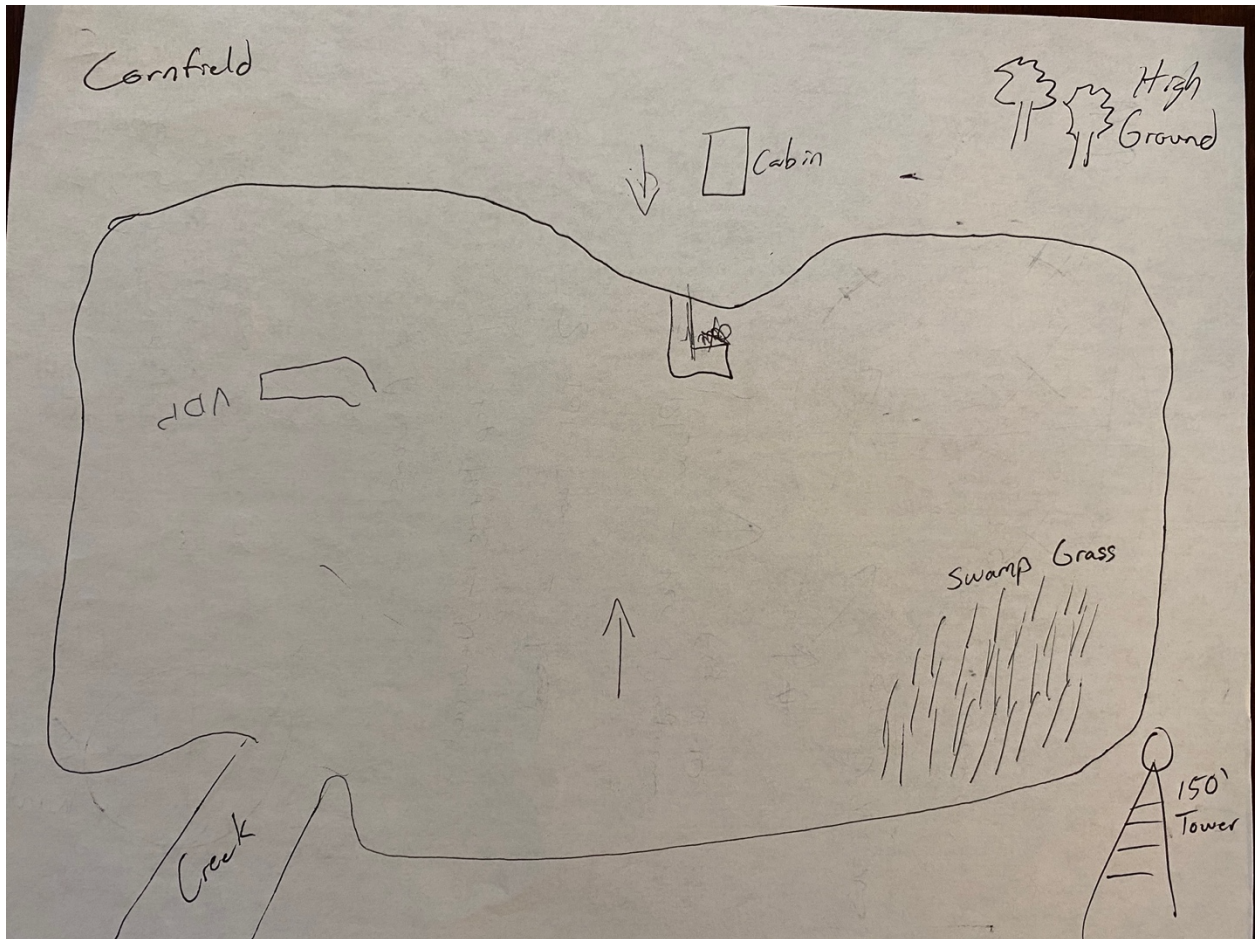


Seaplane questions: Be prepared for these questions.

1. What Egress speech will you give to your passenger prior to getting in the plane in case of an upset on the water.
2. Tell me how you will leave the dock today. Examiner will provide a scenario
3. How would you tell a passenger to help you when leaving a dock?
4. What is the max dock pole height for it not to be a problem when docking a seaplane.
5. What are the four taxi positions? When would you use each?
6. What is the float model number? What does it mean?
7. Why is a plow taxi safe?
8. What is the most dangerous part of a 360 degree step turn?
9. Aileron use in slow, plow taxi and step turn?
10. How would you solve a porpoise problem?
11. How would you solve a skipping problem?
12. What type of takeoff would you use and V speed for confined area?
13. Approach and landing to the same area.
14. Why are some data excluded from the float supplement?
15. What is your personal max wind limit.
16. If you were tying a caravan to a dock and the Caravan has three cleats per float, which cleat do you secure first? How about on your 172?
17. How do you Beach, Dock, Ramp, Ramp on wood ramp, tie to a mooring buoy?
18. What color are the lights on a seaplane beacon?
19. Tell me about red and green buoys?
20. MNDOT department of Aeronautics is a great resource. Seaplane bases and MN rules are in the MN Airport Directory.
21. What are the right of way rules for Landing, Takeoff, Taxi?
22. Does your PFD need to be Coast guard Approved?
23. How can you tell if a lake is large enough?
24. Name 4 ways of determining wind direction.
25. What is the relationship of CF and wind direction in a step turn?
26. What are your ASES currency requirements?
27. Be prepared to explain crosswind takeoff and landing scenarios.
28. Know how to do River takeoff and landing. Wind vs current. Red and green buoys.
29. Explain your glassy water technique.
30. What would you expect in airplane performance if the temp went to 98 degrees today?.
31. How can you determine underwater obstructions?
32. Special precautions when landing in boat wakes.
33. Why does a river have large amounts of debris after a hard rain or early in the spring.
34. How can you determine river current velocity.
35. What are the Maritime rules and AIM that we need to consider in seaplanes?
36. Who has the right of way, you on final or airplane taxiing on the water?
37. How is a seaplane depicted on a sectional chart?
38. Which would be #1, #2, #3, #4 approach areas on the drawing for a glassy water landing?
39. How would you dock per the drawing for winds from 4 different directions?



Idle Taxi – Aileron Position

What is the functional use of the aileron while slow taxi turning? The answer: aileron should be used as a sail unlike land taxi turns. If you wish to turn left slow taxi with a headwind, left wing aileron should be down for the first 90 degrees of turn. Then, as a tailwind occurs, right aileron should be down during the second 90 degrees. The opposite is true when turning from downwind to upwind. This provides a pivot action around the center of buoyancy. The general rule: put the aileron down in the wing that you want the wind to push causing rotation.

Mooring a Seaplane: Taxi then float forward up next to the mooring buoy, then use a hook to catch the buoy. Attach one end of rope to buoy, the other end on each side of the prop. Plane will weathervane into the wind.

