



Operational Quiz 2014

OPERATIONAL QUESTIONNAIRE

1. You are going to make a flight with your seaplane (summer time May – August) and you are going through your personal documents.

Flight Crew Licence, Medical Certificate and Ratings. Check if you are allowed to fly according to these 3 documents.

Check now and check also if they are valid for seaplane flying 2014. If not make sure to book a PC or “Förlängning” and Medical Check. Do you know the new rules PC/Förlängning and what if your Rating is expired?

License and medical can be invalid when doing the PC/Förlängning but is not recommended, as this will take some extra time for Transportstyrelsen (TS) to handle. You will in this case still not be able to fly direct after a PC/Förlängning but have to wait for approval from TS.

Without valid documents – you cannot fly.

What are your compulsory documents to have onboard a flight from Stockholm and into the mountain area (fjällområde)?

2. You had some wine the day before flight. What are the rules concerning alcohol consumption in connection with flight duty?

3. You wake up tired after a short night's sleep. You are going to fly with your seaplane. Where can you find the rules about your responsibility in this matter (flying or not. Fit or unfit for flight)?

4. The flight will go into the mountain area “Fjällområde”.

- What equipment in addition to normal shall be carried?
 - Where can you find the rules concerning this area?
 - State briefly the extension of the area.
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5. As you come to the planning phase you get some weather for this flight. Are there any special weather limits you must adhere to having to do with “distance flying – distansflygning and what is the definition of distance flying?

6. Weather at destination has FEW 005 SCT008. Does this effect your planning in any way?

7. You will have to check about some other areas:

- Where can you find information on nature preservation areas, bird – and seal protection areas?
- What rules applies in these areas?

8. The flight might also go through or be close to some National Parks. Where can you find information about these areas and what are the rules?

9. Some METAR;

- ESNM 071250Z AUTO 33014/20KT 9999 /// 04/M10 Q0998
- ESNZ 071250Z 30020KT CAVOK 05/M12 Q0999
- ESUT 071250 27015KTS 5000 VCSH FEW069CB SCT085 06/M11

Decode these METAR and in addition what does the following stand for:

NCD, NDV, VSCH NSC, REUP?

10. Checking the aircraft and aircraft log before flying you notice that the VSI is not working. All other instruments ok. Can you still fly the seaplane to your destination?

11. To get latest information (NOTAM; WX etc) you call the FPC. What does FPC mean?

12. What is the minimum equipment in addition to normal that seaplane has to have?

13. We all know that a passenger safety briefing is important and also compulsory. State which items shall be covered in this briefing.

14. What is minimum fuel to be carried on board on a VFR flight?

15. Describe in short those forces, which are applicable in connection with step taxiing and head- or tailwind.

a) From headwind to tail wind?

b) From tailwind to head wind?

16. Your destination is Gautosjö N 66° 15.030', E 16° 45.625' (see sea landing site in SSA Flyghandbok). At your arrival the weather is 500 ft over the terrain and visibility is 3 – 4 km in light rain. Can you proceed to Gautosjö according to the VFR rules?

17. With a wind of approx. 15 kts you have to fly in a valley between 2 mountains. The wind is a x wind from left 090 degrees. On which side of the valley should you fly? Upwind or downwind? Why?

18. Next day you will go for fishing in a lake called Vourdna located approx 900 meters above sea level. Temperature is 20 degrees and no wind (glassy water – bleke). Water run (physical) for takeoff 2000m.

- Determine your max TOW from Lake Vourdna?
- How would you load your aircraft in respect of CG?
- What change from sea level value in Manifold Pressure can you expect?

19. What can you expect that the increase (%) in take off run on water, compared with STD ISA at sea level, will be? Check pressure height! This example is at STD ISA at sea level. Check with the KOCH Chart (HP50)

20. ARCC and MRCC are now old names concerning the rescue organization. What is the name of the new one?

21. How do you contact the sea rescue?

22. What is the minimum flight instrument equipment for a seaplane (<5700 kg) during VFR? This might be good to know if you encounter such trouble in the bush.

23. You encounter a communication failure on the way home. What are your actions?

24. Explain IMSAFE and FREDA – see SSA Sjöflygnytt. Do you agree and do you have these as your tools?

Happy Seaplane Flying 2014 // Christer Leinehed
