

Training Syllabus – BGA Gliding Certificate

Theoretical Knowledge

An appropriate level of theoretical knowledge must be demonstrated in at least the following subjects

Subject

Air Law:

- Collision avoidance
- rules & protocols
- local airspace restrictions

Questions

The following questions are designed to check your understanding of local airspace; safe hill flying and procedures to avoid collision with other aircraft.

You should refer to the Portmoak Airfield Manual and current *Laws and Rules*

Name _____ Date _____ Membership No: _____

Supervising Instructor _____

Please complete the following multiple choice test. Tick the correct answer.

Pass mark is 80% (16/20).

Completed tests should be returned to the CFI's tray in main office.

1. FLARM
 - a. Makes effective lookout less critical
 - b. Is unreliable
 - c. Is an aid to support effective lookout

2. What qualification do you need to D.I a glider at Portmoak?
 - a. Authorisation signed on your training card or logbook by an instructor
 - b. Instructor rating
 - c. Bronze

3. When was the Portmoak Airfield Manual last updated?
 - a. It may be updated any time – you need to check the website
 - b. 2015
 - c. 2019

4. At Balado, what does the “M” on the airmap indicate?
 - a. Motor Racing site
 - b. Microlight site
 - c. Mast

5. What is the base of airway N864 above the clubhouse?
 - a. FL65
 - b. FL60
 - c. FL55

6. What altitude is given for Portmoak on the airmap?
 - a. 1168
 - b. 360
 - c. 2.4

7. What airspace is marked directly west of Balado?
 - a. Scottish TMA D and E
 - b. TMA D only
 - c. TMA E only

8. What airway lies north west of the club?
 - a. P600
 - b. N864
 - c. Portree ASR

9. When two aircraft are converging at approximately the same altitude, which aircraft should give way?
 - a. The aircraft which has the other one on the right
 - b. The aircraft which has the other on the left
 - c. Whoever loses their nerve first

10. As a solo pilot under supervision you must?
 - a. Start attempting cross country flights
 - b. Stay within gliding range of the site
 - c. Only fly on the hill

11. When two aircraft are approaching head-on, each shall alter course in which direction?
 - a. To the left
 - b. To the right
 - c. Vertically and horizontally

12. When hill soaring all turns must be in which direction?
 - a. Away from the hill
 - b. Towards the hill
 - c. Either way which seems right

13. If you find you are catching up a glider ahead while hill soaring, you should?
 - a. Turn back to avoid having to overtake; take great care if overtaking is unavoidable
 - b. Speed up and dive underneath them
 - c. Call on the radio that you need them to speed up

14. What ground to air frequency is used within 10nm radius and below 3000 feet above Portmoak?
 - a. 130.130
 - b. 129.980
 - c. 130.405

15. At the launch point, you have set your altimeter to read zero. Is your altimeter set to ?
 - a. QNH
 - b. QFE
 - c. FL

16. You have set your altimeter sub-scale to read 1013Hectopascal (hPa, formerly millibars and identical in units). Have you set your altimeter to read:
 - a. Height above ground level?
 - b. Altitude above mean sea level?
 - c. Flight level?

17. When do you legally require to carry a map in the aircraft
 - a. At more than 3 nautical miles
 - b. On all flights you must have the adequate equipment, including a map, necessary for the intended flight
 - c. No map is required for local soaring

18. What does NOTAM mean?
 - a. No Operations to Aircraft Mandatory
 - b. Notes for Air Men and Women
 - c. Notice to Aviation

19. The person responsible for checking that the aircraft is safe and correctly loaded before flight is:
 - a. The instructor in charge
 - b. The person who performed the daily inspection
 - c. The pilot about to fly the aircraft

20. You had a hard landing. You should?
 - a. Always advise the duty instructor
 - b. Have a good look around yourself
 - c. Speak to a friend in the clubroom afterwards