

OPMF13 - HG INTERMEDIATE CERTIFICATE

Applicant Details

Pilot Name	PIN
Address	Member Org.

Organisation Safety Officer (OSO)/Instructor

Officer Name	PIN	Member Org
Signature	Dated

Flight Requirements (Advanced Pilot)

	PIN	Signature
a) Demonstrate precisely co-ordinated gentle and steep linked 180deg "S" turns along a pre-determined flight path.
b) Demonstrate co-ordinated 360deg turns in both directions.
c) Demonstrate gentle stalls and recoveries (into wind) with a minimum ground clearance of 250ft.
d) Demonstrate an ability to fly a hang glider in conditions which require deliberate corrections and substantial control input- i.e. thermals or mild turbulence
e) Attain a height gain of no less than 250ft above take-off on at least ten flights.
f) Carry out a spot landing with a Circuit approach passing the spot within 200m horizontal distance and proceeding down-wind within 200m before making a 180deg turn (or two 90deg turns) to land upwind within a pre-determined rectangular landing zone of 60m x 20m dimensions.

Flight Log Requirements (OSO/Instructor)

	PIN	Signature
a) Held a novice rating for at least three months.
b) Have logged flying on a minimum of 25 different days.
c) Have logged a minimum of 75 flights
d) Logged a minimum of 15 hours flight time.
e) Completed a minimum of 5 flights, which each lasted no less than 30 minutes, at 3 separate sites of which one must be inland.....

Note: Organisation Safety Officer must:

1. Check Pilot's Log Book to confirm Flight Log Requirements.
2. Confirm Flight Requirements with Advanced Pilot.
3. Sight answers to Questionnaire.

When completed, send this form to the NZHGPA Administration Officer, with a copy of the marked exam, including VFR and comments from Instructors of the pilot progress, attitude and performance.

Questionnaire (OSO)

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| a) Written answers satisfactory and accepted. | | |
| b) Passed the VFR examination with 90% correct. | | |

Restrictions

An Intermediate rated pilot is restricted to:

Flying Beginner, Novice and Intermediate rated sites unsupervised or Advanced rated sites under the supervision of an Instructor, Assistant Instructor, or an Advanced pilot familiar with that site.

INTERMEDIATE RATING QUESTIONNAIRE

1. What are the dangers of insufficient penetration?
2. Define glider trim, pitch stability and how they are checked.
3. What are the dangers of flying downwind close to the ground?
4. What should your flying speed be when: a) flying close to other gliders? b) in turbulent conditions?
5. When is it not safe to do a 360deg turn?
6. What is a side slip and the recovery procedure?
7. Describe a spin, the cause and recovery procedure.
8. What are the dangers associated with the cloud formations you could encounter?
9. What signs would you expect before, during and after the passing of a 'front' and what effect would it have on your flying?
10. What effect on glider trim would lower tip batten cambers on one wing cause?
11. What effect would stretching of the lufflines have?
12. You hold an aluminium tube up to the light and see an area that appears 'crazed'. What causes this?
13. Quote the flying rules relating to the right of way of gliders.
14. Describe a 'Circuit Landing Approach'. What are the advantages of using this landing technique?
15. Describe how you can determine wind direction on the ground while flying?
16. Which areas of a local soaring ridge are likely to give you penetration problems? Which areas are likely to produce most lift? How are these areas affected by changes in wind strength and direction?
17. How often should you repack your parachute and why?