

OPMF12 - HANG GLIDER NOVICE 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 flight with linked “S” turns of at least 90deg exhibiting smooth co-ordination of pitch, roll and airspeed. ....	.....	.....
b) Demonstrate the ability to make successive landings within a pre-determined rectangular landing zone of 90m x 30m. ....	.....	.....

Flight Log Requirements (OSO/Instructor)

PIN

Signature

a) Have logged 40 or more flights from 3 or more sites .....	.....	.....
b) Own or have access to a training manual. ....	.....	.....

Questionnaire (OSO/Instructor)

PIN

Signature

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

Restrictions:

<p>A Novice pilot is restricted to:</p> <p>Flying in wind speeds of less than 17 knots.</p> <p>Flying Beginner and Novice rated sites unsupervised or Intermediate-rated sites under the supervision of an Instructor, Assistant Instructor or an Advanced-rated pilot familiar with that site.</p>

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.

NOVICE RATING QUESTIONNAIRE

1. Explain with diagrams, the airflow over an aerofoil section and how lift is derived.
2. What is a stall? How is it prevented and what is the recovery procedure?
3. What is the danger of stalling close to the ground and how do you control the glider in this situation?
4. What is wind gradient and how does it affect flying?
5. How do you judge airspeed? Explain the difference between groundspeed and airspeed.
6. What does "hands off " flight demonstrate?
7. Quote the flying rules relating to the right of way of gliders.
8. Who is responsible for reporting an accident or incident and to whom should it be reported?
9. What are the control elements of a properly co-ordinated turn?
10. What should your flying speed be (in smooth air) when:
 - a) trying to maximise glide angle
 - b) trying to stay in the air longer.
11. Under what circumstances is a pilot permitted to fly at a site one rating above their rating?
12. Describe the problems and solutions relating to launching from a steep slope or cliff in winds of 5 knots, 15 knots, and 25 knots.
13. Describe how you would determine wind direction on the ground while flying?
14. What possible damage would you check for, after a nose-in?
15. Why is it not advisable to straighten a bent aluminium tube?
16. How would you check for wire damage and when should wires be replaced?
17. When should a Nylok nut be replaced?
18. What effect will salt water have on the airframe of a hang glider?
19. How can you check (while flying) whether you have enough height to reach your intended landing area?
20. How can you lose height to get into a landing area?
21. What is the danger of flying close downwind to another glider?