

OPMF14 - HG ADVANCED CERTIFICATE

Applicant Details

Pilot Name	PIN .....	.....
Address	Member Org. ....	.....

Organisation Safety Officer (OSO) or Instructor

Officer Name	PIN	Member Org
Signature	Dated .....	.....

Flight Requirements (Advanced Pilot)

PIN

Signature

a) Demonstrated good judgement in all aspects of hang gliding	.....	.....
b) Demonstrate unassisted cliff launches in wind speeds of less than 10 kt.	.....	.....
c) Have completed a minimum of 15 soaring launches at a minimum of three sites, into wind speeds in excess of 10 kt at take-off.	.....	.....
d) Demonstrate the ability to recognise landing areas previously visited on the ground but not visible from the take-off site.	.....	.....
e) Demonstrate the ability to determine wind direction during flight.....	.....	.....
f) Demonstrate the ability to carry out safe approaches into new landing areas.	.....	.....
g) Have completed at least five flights where substantial height gains have been made in thermal lift conditions.	.....	.....

Flight Log Requirements (OSO/Instructor)

PIN

Signature

a) Held an intermediate rating for at least six months	.....	.....
b) Have logged a minimum of 100 hours flight time.	.....	.....
c) Logged a minimum of 150 flights.	.....	.....
d) Passed VFR examination with 90% correct	.....	.....

Questionnaire (OSO) or Instructor

a) Written answers satisfactory and accepted.
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Note: Organisation Safety Officer/Instructor must:

1. Check Pilot's Log Book to confirm Flight Log Req.
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, and comments from Instructors of the pilot progress, attitude and performance.

Note: To maintain an Advanced rating a pilot must complete 5 hours flight time or 20 flights per year. In the event of a lapse of the above, a pilot will be required to safely demonstrate held skills.

ADVANCED CERTIFICATE QUESTIONNAIRE

1. When is it possible to land on top and what are the dangers?
2. What aerobatic manoeuvres are considered dangerous and why?
3. What do you look for in a detailed airworthiness check in relation to structural integrity and flight characteristics?
4. Describe the problems associated with high altitude take-offs.
5. What are the dangers associated with cloud formations you are likely to encounter?
6. What is vertigo and the effects?
7. What are the signs of Hypoxia? How would you check for and minimise the effects while flying?
8. What are the signs and treatment for Hypothermia?
9. Describe in detail how you would perform a cliff launch in wind over 10 knots into strong vertical lift.
10. How would you perform a downwind, uphill (fly-on-the-wall) landing?
11. Which wires carry the most load when flying?
12. Tick the main type of force experienced by these tubes.

Tube	Flexing	Tension	Compression
Leading edge			
Crossbar.....			
Upright			
Basebar			
Keel			
Kingpost.....			
13. Which items would you check on a glider that has a 'turn'?
14. What effect on glider trim would lowered camber in most of the centre battens cause?
15. Describe which items need regular maintenance on a hang glider.
16. Quote the flying rules relating to the right of way of gliders.