

OPMF14 – HANG GLIDER ADVANCED CERTIFICATE

Applicant Details

Name..... PIN.....

Signature..... Date.....

A. Flight Skills.	Instructor Initials	Student Initials	Date Completed
1. Demonstrated good judgement in all aspects of hang gliding			
2. Demonstrate unassisted cliff launches in wind speeds of less than 10 kt.			
3. Have completed a minimum of 15 soaring launches at a minimum of three sites, into wind speeds more than 10 kt at take-off.			
4. Demonstrate the ability to recognise landing areas previously visited on the ground but not visible from the take-off site.			
5. Demonstrate the ability to determine wind direction during flight			
6. Demonstrate the ability to carry out safe approaches into new landing areas.			
7. Have completed at least five flights where substantial height gains have been made in thermal lift conditions.			

B. Flight log, Questionnaire and Certificate Requirements	Instructor Initials	Student Initials	Date Completed
1. Held an intermediate rating for at least six months			
2. Have logged a minimum of 100 hours flight time.			
3. Logged a minimum of 150 flights.			
4. Provide a 3D GPS track log of a cross-country flight of 10km or more			
5. Passed VFR examination (Attach Certificate)			
6. Passed Advanced Certificate Questionnaire			

Declarations

Pilot

I declare that this is an accurate statement of my flight skills and experience. I am aware that a signed copy of my flight log may be requested by the Chief Executive for verification at any time. I have completed the flight and theory requirements listed above. I hereby apply for the PG3 pilot certificate issued in accordance with Civil Aviation Rules and the NZHGPA Procedures manual.

Signature.....PIN.....Date.....

Instructor

I (instructors name)hereby certify that I have confirmed the above named pilot has completed all the flight and theory test requirements to an acceptable level in accordance with the NZHGPA Procedures manual for the issue of a HG advanced pilot certificate.

Signature.....PIN.....Date.....

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.

When completed, send this form ELECTRONICALLY (PDF, Scan or Fax) to the NZHGPA Administrator admin@nzhgpa.org.nz with the relevant marked questionnaire and or exam certificates (from online exams)