

Phase 11: Introduction to club flying

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The pilot must:	Date:	Coach / Inst. sig:
46. Join a new pilots' group / meet a Club Coach; have an induction into the club and its sites.		
47. Participate in a club session on Foundation level flying with others. Consider joining an organised club event / other events (e.g. BOS) to extend experience and build a pilot network.		

The following phases to do not need to be completed in order:

Phase 12: Flight exercises

Complete and log (use of the BHPA's Flight Log Book is recommended):

48. 3 take offs and 3 landings (in a defined area) in light winds, at least one of which should be on a different site.
49. At least one top landing at each of 3 different sites. A minimum of 5 top landings in total.
50. Flights from 5 different sites, at least 3 to be inland sites.
51. 3 flights of over 1 hour duration.
52. Minimum 20 flights logged.
53. Minimum 10 hours logged.

Coach / Instructor declaration - I have checked the pilot's log book and confirm the above flight exercises were logged as completed and hours achieved.

Coach / Instructor signature:

Date:

Phase 13: Flight planning and decision making

54. The pilot should demonstrate Foundation level knowledge of 'Decision to fly': human factors including currency & pressure to fly when not flown for a long period, group pressure, mnemonic for fitness to fly ("I AM SAFE"), awareness of the hazardous attitudes outlined in UK CAA's Skyway Code & how they may lead to poor decision making.

Coach / Instructor signature:

Date:

Phase 14: Sites, conditions and meteorology

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The pilot must demonstrate:	Date:	Coach / Inst. sig:
55. Understanding of 'local flight' limit on club sites.		
56. Site and conditions assessments at Foundation level on two different sites.		
The pilot should be able to demonstrate Foundation level knowledge of:		
57. Site selection, airflow and turbulence over club sites. How to select a suitable location to take off from, and to land.		
58. The club's specific requirements regarding access and use of sites. How to call the emergency services.		
59. Awareness of the anti-collision rules and how to keep a good lookout, visibility limitations of other aircraft, the dangers of flying in crowded conditions.		

Exs. 60 to 66 are knowledge exercises. Practical performance may not be safe or appropriate.

Phase 15: Glider control skills

The pilot should have knowledge of, and be able to discuss and explain at Foundation level the following (a min. of 3 exercises to be signed off by a Coach / Instructor):

60. Understanding "H.O.P.E." pre-manoeuvre clearance checks for performing a manoeuvre which might result in rapid change in trajectory or altitude.
61. Co-ordinated pitch and roll control and turn co-ordination.
62. Understanding of minimum sink and optimal glide speed.
63. Understanding of the hazards related to slow and fast flight, and knowledge of speed to fly.
64. Standard UK hill landing approaches including 'S' turns, Constant Aspect approach, and top landings.
65. Understanding of the hazards of rigging, handling and manoeuvring in strong winds.
66. Thermal flying with others.

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Pilot Foundation syllabus: HG Hill. Flight exercises and knowledge areas.

General information for pilots, Coaches and Instructors.

The BHPA recognises that setting and achieving realistic and measurable goals can be enormously valuable for growth as a pilot. This document contains a list of suggested exercises and knowledge areas for pilots who have been issued with a CP rating and who wish to develop their flying skills and broaden their knowledge as they work towards BHPA "Pilot" rating.

This Pilot Foundation syllabus is intended for the first 10 hours post CP when the pilot would be flying with a red streamer. The exercises form part of those required for Pilot rating and provide a structured approach to logging completed tasks in the BHPA's Pilot Task Book.

This Foundation syllabus is laid out in phases and exercises that follow on from the phases and exercises in the BHPA Club Pilot Student Training Record Book. The completion of the Foundation syllabus is recorded through self-logging by the pilot or can be signed off by a licensed Club Coach, or by an Instructor at a BHPA School or Development School.

To encourage the pilot to maintain contact with Coaches and to promote a mentoring relationship as the pilot develops their knowledge and skills, some exercises require Coach/Instructor sign-off (Exercises 46, 47, 55 and 56).

Throughout the text, there are references to skills and knowledge at "Foundation level". In broad terms, suitable performance or knowledge at Foundation level should be judged by the Instructor / Coach and the Club as a proportion of what is expected of a flyer at Pilot rating level.

To the new Hang Gliding CP (Hill) pilot:

Your CP rating in the Hill environment is issued when you and your instructor have signed off all the training phases. The phases are:

- Phase 1: Ground training.
- Phase 2: Preparing for flight.
- Phase 3: First hops.
- Phase 4: Flight exercises (minimum 16 successful flights).
- Phase 5: Elementary Pilot theory and exam.
- Phase 6: Consolidation and conversions (minimum 8 successful flights).
- Phase 7: Higher flights.
- Phase 8: Improving skills.
- Phase 9: Soaring (a minimum of 3 successful flights).
- Phase 10: Club Pilot theory and examinations.
- Final assessment by Senior Instructor that the training has been completed: do you have the right attitude and standard of airmanship to fly as a Club Pilot in the hill environment?

Only embark on exercises in this document when you have received your BHPA membership card recording your Club Pilot (Novice) rating in the Hill Environment. Except in very specific and controlled circumstances, Club Pilots are not qualified to fly beyond the locality of their launch site ("Pilot" rating to be held for XC flying). For further information see the "BHPA XC Flying Update".

This booklet can be printed, folded in half and stapled into your BHPA Pilot Task Book (available from the BHPA Head Office).

The BHPA Pilot Handbook is written to prepare you for further training to Pilot level and is available from BHPA Head Office.

Pilot Name:

BHPA Membership No:

	Date:	Coach / Inst. sig:
The pilot should demonstrate Foundation level competency in the following (a minimum of 3 exercises to be signed off by a Coach / Instructor):		
67. Daily inspections and pre-flight checks		
68. Light wind launching.		
69. Launching in stronger wind conditions: 15 mph and greater.		
70. Accurate and controlled landings in light wind conditions less than 5mph.		
71. Demonstration of 'S' Turn landing approach.		
72. Demonstration of Constant Aspect landing approach.		
73. Demonstrate the ability to fly fast without pilot induced oscillation.		
74. Co-ordinated 360 degree turns in both directions.		

Phase 16: Equipment

	Date:	Coach / Inst. sig:
The pilot should have knowledge of, and be able to discuss and explain at Foundation level (a minimum of two exercises to be signed off by a Coach / Instructor):		
75. Factors involved in selecting appropriate equipment and maintaining it.		
76. The circumstances when an Emergency Parachute (EP) system may be used. Be able to demonstrate an effective deployment technique e.g. from a suspended static harness.		
77. Setting an altimeter to an appropriate setting.		
78. Electronic devices and cameras: appropriate uses and awareness of risk of distraction from maintaining a good lookout.		
79: Harnesses, operation and EP system attachment.		

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