

APPENDIX R62.34
RECREATIONAL PILOT LICENCE
HANG GLIDERS AND POWERED HANG GLIDERS
PRACTICAL TRAINING AND EXPERIENCE REQUIREMENTS

(1) Training ORGANISATION requirements:

- a) The applicant must complete a training course with a SAHPA registered Hang Gliding school**

(2) REQUIRED OUTCOMES OF TRAINING COURSE

- a)** The aim of the course must be to train a candidate recreational pilot to the level of theoretical knowledge, practical flying skills proficiency, and safety and airmanship as required by SACAA and the sport aviation industry standards, for the issue of a recreational Hang Gliding license; this implies that the individual should be-
- b)**
- i) in the case of a Novice , able to safely and professionally act as pilot-in-command in non-revenue flights under visual flight rules of any hang glider appropriate for the individual's experience level as described as per **APPENDIX R62.26**.
 - ii) in the case of the A Grade license, able to safely and professionally act as pilot in command in non-revenue flights under visual flight rules of all levels of Hang Glider as described as per **APPENDIX R62.26**.
 - iii) in the case of the B Grade license, able to safely and professionally act as pilot in command in non-revenue flights under visual flight rules of all levels of Hang Glider as described as per **APPENDIX R62.26**.
 - iv) in the case of the C Grade license, able to safely and professionally act as pilot in command in non-revenue flights under visual flight rules of all levels of Hang Glider as described as per **APPENDIX R62.26**.
 - v) in the case of the Tandem Rating, able to safely and professionally act as pilot in command in non-revenue flights under visual flight rules of tandem rated hang gliders as described as per **APPENDIX R62.26** whilst carrying a passenger.

A. Novice rating:

- 1) Attended an Introductory lecture to hang gliding
- 2) Complete all the tasks for the Novice licence referred to in APPENDIX R62.27.
- 3) Attend theory lectures covering
 - i) Airflow and meteorology
 - ii) Aerodynamics
 - iii) Flight control
 - iv) Air rules
 - v) Airmanship.
- 4) Pass Novice License written test.

- 5) The pilot shall have undergone at least four days of training with a SAHPA rated Instructor, including a minimum of 30 training flights of less than 60 seconds duration for hill and tow training and completed all requirements documented in APPENDIX R62.26 .

B. Class A rating:

- 1) No training required other than completing the skills test as described in APPENDIX R62.27.

C. Class B rating:

- 1) No training required other than completing the skills test as described in APPENDIX R62.27.

D. Class C rating:

- 1) No training required other than completing the skills test as described in APPENDIX R62.27.

E. Assistant Instructors Rating:

- 1) No training required other than completing the experience as described in APPENDIX R62.27.

**F. Instructors Rating:
Grade B:**

- 1) By attending an Official SAHPA Instructor Course, OR
- 2) By observing and assisting a SAHPA rated Instructor on training slopes for at least 10 days.
- 3) Applicant must have launched at least two students on their first high flights during their training, while under supervision of a qualified Instructor.

G. Powered hang gliding endorsement:

- 1) Receive training in pre flight and pre take off procedures.
- 2) Strong wind and light wind take off's. At least one take -off in at least 24Kph wind and one in no more than 5kph.
- 3) Effects of power in flight with reference specifically to the ability to maintain constant climb under power and
- 4) Ability to maintain straight and level flight under power and
- 5) Controlled 360 degree turns in both directions with pre-determined entry and exit without marked slip or slide while under power.

- 6) Receive training in power approaches and glide approaches with 4 out of 5 controlled landings within a 50m diameter circle.
- 7) Pilot must show the ability to fly in conditions which require quick control responses for safe flight with reference to soaring conditions.
- 8) Pilot must receive training in the ingredients for good take-off techniques using power and show the ability to do so.
- 9) Pilot must be briefed on airmanship and show good general flying with proper mental attitude.
- 10) Knowledge of back-up parachute deployment pertaining to PHG.
- 11) Must have read the Powered Hang Gliding Manual and recommendations for SAHPA.

H. Tandem rating:

- 1) Must receive training in tandem launching and landing techniques with reference to the type of tandem flying applicable (Foot launch, Aero towing or general towing).
- 2) Pilot must receive training in passenger management before, during and after flight.
- 3) Pilot must receive training in the appropriate differences between solo and tandem flying.
- 4) Pilot must do the first 3 flights with a tandem rated pilot in command.
- 5) Must have read the SAHPA tandem flying guide lines for Hang Gliding.

I. Winch tow endorsement:

Pilot must receive training by a tow rated hang gliding Instructor on:

- 1) Signals used for ground based towing.
- 2) General towing procedures.
- 3) Emergency situations and remedies.
- 4) Inspections and preparation of towing systems.

J. Hang gliding aero tow endorsement:

- 1) Pilot must have undergone at least 4 supervised aero tow flights by an aero tow hang gliding Instructor.
- 2) Aero towing procedures.
- 3) All signals for launch marshal, tug pilot, and aero tow hang glider pilot.
- 4) Most likely emergency situations and their remedies.
- 5) Inspections and lay-out of aero towing systems used.

K. Hill launch endorsement:

- 1) Pilot must have undergone at least one day of full training with a qualified Hang Gliding Instructor.
- 2) Training must include:
 - a) Correct and safe take off sequence
 - b) Appreciation of safe launching areas
 - c) Appreciation of safe launching conditions
 - d) Appreciation of dangers when flying close to or near a mountain.
- 3) Pilot must have experienced light wind shallow slope launches
- 4) Pilot must have experienced strong wind launches.