

## 6 Pilot Certificates, Endorsements & Ratings

### 6.1 Requirements to be a HGFA Pilot

|                                 | HG   | PG | PPG | WSM |
|---------------------------------|--|----|-----|-----|
| Application Form                | Visit <a href="http://www.hgfa.asn.au">www.hgfa.asn.au</a>   |    |     |     |
| Medical Standards               | Make a declaration on the appropriate application form that his or her health complies with this manual, driver's license health standard or better. |    |     |     |
| Age                             | Have attained the age of 15 years and where the applicant is under the age of 18 years, written parental consent must be granted.                    |    |     |     |
| Current Member of the HGFA      | Must be either a Full Member, Visiting Pilot Member or a Trainee Member of the HGFA.   |    |     |     |
| Holder of a Current Certificate | A Pilot must hold one or more HGFA Pilot certificates.   |    |     |     |
| Language                        | Competently able to understand and carry out instructions given in the English language.   |    |     |     |

### 6.2 Issue and Renewal of Certificates - Summary

#### 6.2.1 Hang Gliding

The requirements are summarised in the table below.

| Requirement                 | Student   | Supervised                                   | Intermediate   | Advanced   |
|-----------------------------|---|--|--|--|
| Pre-Requisite Qualification | None  | Student                                      | Supervised   | Intermediate   |
| Medical Standard            | See section 4.1.4, "Health Standard, General"                           |  |  |  |
| Flight Skill Test           | None  | Yes  | Yes  | Yes  |
| Aeronautical Knowledge Test | None  | Yes  | Yes  | Yes  |
| HGFA Membership             | Instructional or Full   | Full   | Full   | Full   |
| Aeronautical Experience     | None  | Minimum of 6 Days Training                   | Minimum of 25 hours logged on at least 25 flying days. | Minimum of 80 hours logged and minimum of 12 months since issue of issue of Intermediate Certificate |
| Validity                    | Maximum of 12 months or termination of membership (whichever is sooner) |  |  |  |
| Annual Renewal Requirements | None  | Minimum of 5 hours logged in 12 month period | Minimum of 10 hours logged in a 12 month period        | Minimum of 10 hours logged in a 12 month period  |
| Approved by                 | Instructor  | Instructor                                   | Member's Club SSO or Instructor                        | Member's Club SSO or Instructor  |

## 6.2.2 Paragliding

The requirements are summarised in the table below.

| Requirement                 | (PG1) Student   | PG2  | PG3   | PG4  | PG5   |
|-----------------------------|---|--|---|--|---|
| Pre-Requisite Qualification | None  | PG1 (Student)                                | PG2   | PG3  | PG4   |
| Medical Standard            | See section 4.1.4, "Health Standard, General"                           |  |   |  |   |
| Flight Skill Test           | None  | Yes  | Yes   | Yes  | Yes   |
| Aeronautical Knowledge Test | None  | Yes  | Yes   | Yes  | Yes   |
| HGFA Membership             | Instructional or Full   | Full   | Full  | Full   | Full  |
| Aeronautical Experience     | None  | Minimum of 6 Days Training                   | A minimum of 60 successful flights and a total of 15 flying hours.<br>Flights from 5 different sites, of which 3 are inland.<br>Minimum 3 soaring flights and a total of 2 hours of flying in thermic lift.<br>Instructor logbook inspection & check flight required. | Minimum of 30 hours logged on at least 25 flying days. | Minimum of 80 hours logged and minimum of 12 months since issue of Intermediate Certificate |
| Validity                    | Maximum of 12 months or termination of membership (whichever is sooner) |  |   |  |   |
| Annual Renewal Requirements | None  | Minimum of 5 hours logged in 12 month period | Minimum of 10 hours logged in a 12 month period   | Minimum of 10 hours logged in a 12 month period        | Minimum of 10 hours logged in a 12 month period   |
| Approved by                 | Instructor  | Instructor                                   | Instructor  | Member's Club SSO or Instructor                        | Member's Club SSO or Instructor   |

## 6.2.3 Weightshift Microlighting

The requirements are summarised in the table below.

| Requirement                 | Student   | Pilot   | Tandem  | Tugmaster                                      |
|-----------------------------|---|---|---|--|
| Pre-Requisite Qualification | None  | Student Certificate                             | Pilot Certificate   | Pilot Certificate                              |
| Medical Standard            | See section 4.1.4, "Health Standard, General"                         |   |   |  |
| Flight Skill Test           | None  | Yes   | Yes   | Yes  |
| Aeronautical Knowledge Test | None  | Yes   | Yes   | Yes  |
| HGFA Membership             | Instructional or Full   | Full  |   |  |
| Aeronautical Experience     | None  | Minimum of 20 hours logged under instruction    | Minimum of 10 hours logged since gaining Pilot Certificate          | Minimum of 50 hours logged as Pilot in Command |
| Validity                    | Maximum of 2 years or termination of membership (whichever is sooner) |   | Valid whilst Pilot certificate and Medical declarations are current |  |
| Annual Renewal Requirements | None  | Minimum of 10 hours logged in a 12 month period | None  | None   |
| Approved by                 | WM-CFI  | WM-CFI  | WM-CFI  | WM-CFI or HG CFI                               |

## 6.2.4 Powered Paragliding

The requirements are summarised in the table below.

| Requirement                 | Student   | Pilot  |
|-----------------------------|---|--|
| Pre-Requisite Qualification | None  | Student Pilot Certificate  |
| Medical Standard            | See section 4.1.4, "Health Standard, General"                         |  |
| Flight Skill Test           | None  | Yes  |
| Aeronautical Knowledge Test | None  | Yes  |
| HGFA Membership             | Instructional or Full   | Full   |
| Aeronautical Experience     | None  | Completed a minimum of 30 flights of no less than 20 hours in total.<br>A 10km cross country flight, and<br>A minimum of 12 days with flight training in a powered paraglider. |
| Validity                    | Maximum of 2 years or termination of membership (whichever is sooner) | Valid whilst Pilot membership is current   |
| Renewal Requirements        | None  | Minimum of 10 hours logged in the past 12 months.  |
| Approved by                 | PPG-CFI   | PPG -CFI   |

## 6.3 Pilot Certificates & Endorsements

### 6.3.1 Hang Glider Certificates

Certificates issued:

- (a) Student Pilot.
- (b) Supervised Pilot.
- (c) Intermediate Pilot.
- (d) Advanced Pilot.

#### 6.3.1.1 Student Pilot Certificate (HG)

##### Requirements for Issue

An applicant for the issue of a Student Pilot Certificate shall:

- (a) have attained the age of 15 years and where the applicant is under the age of 18 years, written parental consent must be granted;
- (b) sign a declaration on the application form that his or her health complies with this manual, section [4.1.4](#).

##### Privileges

A Student Pilot Certificate authorises the holder to act, under the direct supervision of an approved HGFA HG Instructor who is in turn under the supervision of an approved HGFA HG Chief Flight Instructor, as Pilot-In-Command for the purpose of:

- (c) increasing his or her flying skills in order to qualify for the issue of a HGFA Supervised Pilot Certificate; or
- (d) engaging in flying practice in order to requalify for a certificate that is no longer valid.

***Note:** For the purposes of assessing his or her motivation and suitability to undergo continued flight training or as part of a recognised Hang Gliding training program, a person may undergo initial flight training in the form of a Trial Instructional Flight (TIF) for a maximum of 3 hours dual instruction before applying for a Student Pilot Certificate, see 2.3.4.*

##### Limitations

The holder of a Student Pilot Certificate when acting as pilot-in-command, shall attach a Yellow "Student" streamer at least one metre long to the keel or kingpost of the hang glider, when operating with other non-student operated aircraft and is advised to do so by their Instructor.

##### Authority for Issue

The issue of Student Pilot Certificates may be authorised by the appropriate Instructor directly or as delegated (in writing) by the HGFA Operations Manager.

##### Period of Validity

Unless cancelled or suspended a Student Pilot Certificate shall remain valid for a period of 12 months or until HGFA membership requires renewal, whichever is the sooner.

#### 6.3.1.2 Supervised Pilot Certificate (HG)

##### Requirements for Issue

An applicant for the issue of a Supervised Pilot Certificate shall:

- (a) have attained the age of 15 years and where the applicant is under the age of 18 years, written parental consent must be granted;
- (b) sign a declaration on the application form that his or her health complies with HGFA requirements, section [4.1.4](#),
- (c) have successfully passed theory and practical examinations in accordance with the requirements of the HGFA Pilot Training Syllabi SYL-04 and SYL-05 (Sup). (See [1.3](#) Operational Documents Register), and

- (d) have demonstrated to an appropriate HGFA CFI that he or she has reached the level of competency required for the issue of a Supervised Pilot Certificate.

**Note:** *the type of aircraft for which the pilot certificate is being sought determines the requirements for theory and in-flight examinations.*

- (e) be a full and current member of the HGFA.

## Aeronautical Experience

Prior to undertaking a flight test for the issue of a Supervised Pilot Certificate an applicant shall have completed flight and ground training in accordance with this operations manual (see section 8) over a period including the minimum training days on the type of aircraft for which a Supervised pilot certificate is being sought.

## Privileges and Limitations

A Supervised pilot certificate authorises the holder to act as Pilot-In-Command of a hang glider subject to:

- (f) the aircraft type for which the Supervised pilot certificate is issued;
- (g) "On-Site Supervision" by an Instructor, Safety Officer or Duty Pilot and under conditions considered by an Instructor, Safety Officer or Duty Pilot to be suitable for Supervised Pilots;
- (h) maintaining a "Supervised Pilot Log Book", including obtaining the names and signatures of the Instructor or Safety Officer or Duty Pilot providing direct supervision of the Supervised Certificate holders operations.
- (i) Any limitations imposed by a Duty Pilot, Safety Officer, or the owner of the site and/or the Safety Committee of the Club that control operations at the site;
- (j) Operations being limited to within 25 nautical miles of the place at which the pilot launched;
- (k) The pilot in command having performed three flights within the preceding 90 days, in an aircraft of the type being used;
- (l) Limitations specified within the HGFA Operations Manual and relevant legislation; and
- (m) When so directed by a Duty Pilot, or Safety Officer, a holder of a Supervised Pilot Certificate when acting as pilot-in-command shall attach a red streamer at least one metre long to the keel or kingpost of the hang glider.
- (n) If for any reason, a Supervised Pilot Certificate holder has been unable to perform three flights, in an aircraft of the type being used within the preceding 90 days, he/she is to undergo a check flight under the direct supervision of an appropriate HGFA Instructor or Senior Safety Officer.

## Period of Validity

Unless cancelled or suspended by HGFA a Supervised Pilot Certificate shall remain valid for a period of 12 months or until HGFA membership requires renewal, whichever is the sooner.

## Requirements for Renewal

An applicant for the renewal of a Supervised Pilot Certificate shall:

- (o) have, within the previous 12 months, accumulated a minimum of 10 hours flight time on the type of aircraft for which the Supervised Pilot Certificate was issued;
- (p) where the minimum aeronautical experience has not been attained the Supervised pilot certificate holder will be required to undergo a check flight under the direct supervision of an appropriate HGFA Instructor except where a pilot has undergone the flight tests necessary for the award of a pilot certificate in a similar aircraft type within the previous six months;
- (q) sign a declaration on the application form that his or her health complies with this manual, section [4.1.4.](#); and
- (r) forward a renewal application, medical declaration and appropriate fee to reach the HGFA office at least seven (7) days prior to the expiry date.

**Note:** *Failure to renew a pilots HGFA membership by the due Date means that the Supervised Pilot Certificate is no longer valid and the pilot may not exercise the privileges of the Certificate until it is renewed.*

## Authority for Issue

The issue of a Supervised Pilot Certificate may be authorised by an appropriate HGFA Instructor or as delegated (in writing) by the HGFA Operations Manager.

## 6.3.1.3 Intermediate Pilot Certificate (HG)

### Requirements for Issue

An applicant for the issue of an Intermediate Pilot Certificate shall:

- (a) be a full and current member of the HGFA,
- (b) hold a valid Supervised Pilot Certificate,
- (c) sign a declaration on the application form that his or her health complies with this manual, section [4.1.4](#),
- (d) have successfully passed theory and practical examinations in accordance with the requirements of the HGFA Pilot Training Syllabus SYL-05 (Int). (See [1.3](#) - Operational Documents Register), and
- (e) presented to an appropriate HGFA Instructor or Senior Safety Officer, their "Supervised Pilot Log Book", with logged flights totalling a minimum of 25 hours, over a minimum of 25 days, including the obtained names and signatures of the Instructors or Safety Officers or Duty Pilots whom provided supervision of the logged flights, and
- (f) demonstrate to an appropriate HGFA Instructor or Senior Safety Officer that he or she has reached the level of competency required for the issue of an Intermediate Pilot Certificate.
- (g) Have undertaken the course of instruction "VHF Radio Operator Syllabus" section [8.4.11](#); and
- (h) Have passed an examination for the issue of a HGFA Radio Operator Endorsement, lodged the relevant HGFA endorsement application and been approved in writing by the HGFA Operations Manager; or hold a Radio Operator Endorsement or Certificate from another Recreational Aviation Administration Organisation, approved by the HGFA Operations Manager.

**Note:** that the type of aircraft for which the pilot certificate is being sought determines the requirements for theory and in-flight examinations.

### Aeronautical Experience

Prior to undertaking a flight test for the issue of an Intermediate Pilot Certificate, an applicant shall have completed a minimum of 25 hours flying experience over a minimum of 25 flying days in a Hang Glider and operations of the type for which an Intermediate Pilot Certificate is awarded.

### Privileges and Limitations

An Intermediate Pilot Certificate authorises the holder to act as Pilot-In-Command of a hang glider subject to:

- (i) the type of aircraft for which the Intermediate pilot certificate is issued;
- (j) sites and conditions designated by controlling clubs to be suitable for Intermediate Pilots;
- (k) Any limitations imposed by a Duty Pilot, Safety Officer, the owner of the site and/or the Safety Committee of the Club that controls operations at the site; and
- (l) Operations being limited to within 25 nautical miles of the place at which the pilot launched except where the proposed flight path is approved in advance by a Safety Officer (or higher) who is the holder of an Advanced Pilot Certificate;
- (m) Limitations specified within the HGFA Operations Manual and relevant legislation; and,
- (n) Limitations as directed by CASA.

### Period of Validity

Unless cancelled or suspended by HGFA an Intermediate Pilot Certificate shall remain valid for a period of 12 months or until HGFA membership requires renewal, whichever is the sooner.

### Requirements for Renewal

An applicant for the renewal of an Intermediate Pilot Certificate shall:

- (o) have, within the previous 12 months, accumulated a minimum of 10 hours flight time on the type of aircraft for which the Intermediate Pilot Certificate was issued;
- (p) where the minimum aeronautical experience has not been attained the Intermediate Pilot Certificate holder will be required to undergo a check flight under the direct supervision of an appropriate HGFA Instructor or a Senior Safety Officer (HG), except where a pilot has undergone the flight tests necessary for the award of an Intermediate Pilot Certificate within the previous six months;
- (q) sign a declaration on the renewal application form that his or her health complies with this manual, section [4.1.4](#); and
- (r) forward the renewal application, medical declaration and appropriate fee to reach the HGFA office at least seven (7) days prior to the expiry date.

**Note:** Failure to renew a pilots HGFA membership by the due date means that the Intermediate Pilot Certificate is no longer valid and the pilot may not exercise the privileges of the Certificate until it is renewed.

## Authority for Issue

The issue of an Intermediate Pilot Certificate may be authorised by the Senior Safety Officer of the Club of which the pilot is a member, an appropriate HGFA Instructor or as delegated (in writing) by the HGFA Operations Manager.

### **6.3.1.4 Advanced Pilot Certificate (HG)**

#### Requirements for Issue

An applicant for the issue of an Advanced Pilot Certificate shall:

- (a) be a full and current member of the HGFA;
- (b) hold a valid Intermediate Pilot Certificate for the aircraft type for which the Advance Pilot Certificate is sought for a period of at least twelve months;
- (c) sign a declaration on the application form that his or her health complies with this manual, section [4.1.4](#);
- (d) have successfully passed theory and practical examinations in accordance with the requirements of the HGFA Pilot Training Syllabus SYL-05 (Adv). (See [1.3](#) - Operational Documents Register), and
- (e) demonstrate to an HGFA Instructor or Senior Safety Officer (HG) that he or she has reached the level of competency required for the issue of an Advanced Pilot Certificate.
- (f) Have undertaken the course of instruction "VHF Radio Operator Syllabus" section [8.4.11](#); and
- (g) Have passed an examination for the issue of a HGFA Radio Operator Endorsement, lodged the relevant HGFA endorsement application and been approved in writing by the HGFA Operations Manager; or hold a Radio Operator Endorsement or Certificate from another Recreational Aviation Administration Organisation, approved by the HGFA Operations Manager.

**Note** that the type of aircraft for which the pilot certificate is being sought determines the requirements for theory and in flight examinations.

#### Aeronautical Experience

Prior to undertaking a flight test for the issue of an Advanced Pilot Certificate an applicant shall:

- (h) have completed a minimum of 80 hours flying experience in aircraft of the type for which the Advanced Pilot Certificate is sought; and
- (i) where an Advanced Hang Glider Pilot Certificate is sought: have completed a minimum of 100 flights in hang gliders; or
- (j) if having previous flying experience in hang gliders have completed at least 80 hours flying experience (over a period of at least 12 months), of which a minimum of 40 hours flying experience must be gained in an aircraft of the type for which the Advanced Pilot Certificate is sought.

#### Privileges and Limitations

An Advanced Pilot Certificate authorises the holder to act as Pilot-In-Command of a hang glider subject to:

- (k) the type of aircraft for which the Advanced Pilot Certificate is issued;
- (l) Any limitations imposed by a Duty Pilot, Safety Officer, owner of the site and/or the Safety Committee of the Club that controls the operations at the site being used; and
- (m) Limitations specified within the HGFA Operations Manual and relevant legislation.
- (n) Cross country operations unlimited in distance.

#### Period of Validity

Unless cancelled or suspended by HGFA an Advanced Pilot Certificate shall remain valid for a period of 12 months or until HGFA membership requires renewal, whichever is the sooner.

#### Requirements for Renewal

An applicant for the renewal of an Advanced Pilot Certificate shall:

- (o) have, within the previous 12 months, accumulated a minimum of 10 hours flight time on the type of aircraft for which the Advanced Pilot Certificate was issued;
- (p) where the minimum aeronautical experience has not been attained the Advanced Pilot Certificate holder will be required to undergo a check flight under the direct supervision of an appropriate HGFA Instructor or Senior Safety Officer (HG), except where a pilot has undergone the flight tests necessary for the award of another Pilot Certificate or endorsement within the previous six months;
- (q) sign a declaration on the application form that his or her health complies with this manual, section [4.1.4](#); and
- (r) forward a renewal application, medical declaration and appropriate fee to reach the HGFA office at least seven (7) days prior to the expiry date.

**Note:** Failure to renew a pilots HGFA membership by the due date means that the Advanced Pilot Certificate is no longer valid and the pilot may not exercise the privileges of the Certificate until it is renewed.

### Authority for Issue

**The issue of an Advanced Pilots Certificate may be authorised by the Senior Safety Officer of the Club of which the pilot is a member, an appropriate HGFA Instructor or as delegated (in writing) by the HGFA Operations Manager.**

## 6.3.2 Hang Glider Pilot Endorsements

### 6.3.2.1 Aerotow Launch Endorsement (HG)

No person shall pilot a hang glider for the purpose of an aero tow launch unless:

- (a) he or she has been issued with a HGFA Aerotow Endorsement; or
- (b) he or she is undergoing training under the direct supervision and control of an appropriately endorsed HGFA Instructor or SSO for the purpose of gaining an Aerotow Endorsement; and
- (c) all operations comply with all the requirements of the HGFA Towing Procedures Manual.

### Requirements for Issue

Applicants for the issue of a Hang Gliding Aerotow endorsement shall meet the following minimum requirements:

- (d) Hold a valid HGFA Supervised, Intermediate or Advanced Hang Gliding Pilot Certificate,
- (e) Have undertaken a course of instruction in accordance with section [8.4.1](#), "Aerotow Syllabus", conducted by an HGFA Instructor who is aerotow endorsed, and
- (f) Demonstrated that he or she has reached the level of competency required, and
- (g) Have his or her certificate endorsed by a HG Instructor or SSO who is aerotow endorsed.

### Privileges and Responsibilities

A HGFA Aerotow Endorsement authorises the holder to undertake aerotow operations carried out in conformity with the guidelines outlined in the HGFA Towing Procedures Manual.

### Period of Validity

A HGFA Aerotow Endorsement shall remain valid only while the holder's HGFA Pilot Certificate is valid; unless suspended, cancelled or otherwise varied by the HGFA Operations Manager.

### Authority for Issue

A HGFA HG Aerotow Endorsement may be authorised by an HGFA Instructor (HG) who holds an Aerotow Endorsement or the HGFA Operations Manager or delegate authorised in writing by the Operation Manager.

### 6.3.2.2 Tandem Endorsement (Sports)- (HG)

#### Requirements for Issue

An applicant for the issue of a HGFA Tandem Endorsement (Sports) shall:

- (a) have attained the age of 18 years;
- (b) hold a valid HGFA Advanced Pilot Certificate for the type of aircraft for which the endorsement is sought;



- (c) have successfully passed theory and in-flight examinations at an approved flight training facility for operations and in accordance with the requirements of the syllabus defined in section [8.4.12](#), "Tandem (HG/PG) Syllabus";
- (d) demonstrate to a HGFA Chief Flight Instructor (HG) that he or she has reached the level of competency required for the issue of the endorsement;
- (e) sign a declaration on the application form that his or her health complies with requirements detailed in section [4.1.4](#).
- (f) forward to the HGFA Office a completed Tandem Endorsement application, which is signed and dated by the examining Chief Flight Instructor (HG) together with the appropriate fee.

**Note:** *It is recommended that an applicant for a Tandem Endorsement hold a current St Johns Advanced or Senior First Aid Certificate or equivalent.*

### Aeronautical Experience

Prior to undertaking a flight test for the issue of a Tandem Endorsement (Sports) an applicant shall:

- (g) have completed a minimum of 200 hours flying experience as pilot in command in aircraft of the type for which the endorsement is sought; or
- (h) have completed a minimum of 100 hours flying experience with a minimum of 500 flights as pilot in command in aircraft of the type for which the endorsement is sought.

### Privileges and Limitations

A Tandem Endorsement (Sports) authorises the holder to act as Pilot-In-Command of a suitable certified aircraft carrying a passenger subject to:

- (i) the aircraft type for which the Advanced pilot certificate is issued;
- (j) where the passenger is under 18 years of age, parental or guardian consent is granted in writing;
- (k) all flights being for recreational, record attempts or sporting purposes only;
- (l) no charge or instruction is applied to the passenger;
- (m) the pilot in command having performed three flights, in an aircraft of the type to be used, within the preceding 90 days; and
- (n) the first fifteen Tandem flights after endorsement issue are conducted with a person who holds a Hang Gliding Pilot Certificate;
- (o) The pilot in command must have the approval to conduct such operations from the local club which controls those sites from where the operations will be conducted.

**Note:** *Non-instructional flights, for which a fee is charged, are strictly prohibited.*

### Period of Validity

A HGFA Tandem Endorsement (Sports) shall remain valid;

- (p) while the holder's HGFA Advanced Pilot Certificate is valid; and
- (q) the holder is a current financial member of the HGFA, having signed a declaration on their membership renewal application that his or her health complies with section [4.1.4](#) of this manual; or
- (r) unless suspended, cancelled or otherwise varied by the HGFA Operations Manager.

### Authority for Issue

The issue of a Tandem Endorsement (Sport) may only be authorised by an HGFA Flight Instructor or the HGFA Operations Manager or delegate authorised in writing by the Operation Manager.

### Carriage of Passengers

HGFA pilots shall not carry passengers in a hang glider unless:

- (s) The aircraft used is rated to carry passengers and is certified, refer to section [9.3](#).
- (t) He or she is the holder of a valid Tandem Endorsement (Sports) for the aircraft type issued by HGFA;

**Note:** *The aircraft must be rated to carry the combined weight of the Pilot, Passenger and any Motor options for the type of launch and landing operation being operated;*

- (u) the aircraft used has been inspected and maintained in accordance with the requirements of;
  - (i) Assembly, Inspection and Maintenance Standards, refer to section [9.6](#);

- (ii) The Aircraft Operator's Manual; and
- (iii) Technical notices / bulletins.
- (v) Where the Passenger is under 18 years of age, written parental or guardian consent is required.
- (w) Passengers shall not be carried for hire or reward unless the flight is for bona fide instructional purposes see section [4.1.7.1](#).
- (x) The pilot in command of an instructional flight must be the holder of an appropriate Instructor certificate and the Student must be a member of the HGFA and be a minimum of 10 years of age.

### 6.3.2.3 Ground Tow Endorsement (HG)

No person shall pilot a hang glider for the purpose of a ground tow launch unless:

- (a) he or she has been issued with a HGFA Ground Tow Endorsement; or
- (b) he or she is undergoing training under the direct supervision and control of an appropriately endorsed HGFA Instructor for the purpose of gaining a Supervised Pilot Certificate; or
- (c) he or she is undergoing training in accordance with the syllabus in section [8.4.2](#), under the direct supervision and control of an appropriately endorsed HGFA Instructor or SSO for the purpose of gaining a Ground Tow Endorsement; and
- (d) all operations comply with all the requirements of the HGFA Towing Procedures Manual.

#### Requirements for Issue

Applicants for the issue of a Ground Tow Endorsement shall meet the following minimum requirements:

- (e) Hold a valid HGFA Supervised, Intermediate or Advanced Pilot Certificate for the type of aircraft for which the endorsement is sought;
- (f) Have undertaken a course of instruction in ground tow operations provided by an appropriate HGFA Instructor, have successfully passed theory and in-flight examinations in accordance with the requirements of section [8.4.2](#), "Ground Tow" syllabus; and
- (g) demonstrated that he or she has reached the level of competency required, and
- (h) Have his/her endorsement recommended by an appropriately endorsed HGFA Instructor.

#### Privileges and Responsibilities

A HGFA Ground Tow Endorsement authorises the holder to undertake ground tow operations carried out in conformity with the guidelines outlined in the HGFA Towing Procedures Manual.

#### Period of Validity

A HGFA Ground Tow Endorsement shall remain valid only while the holder's HGFA Pilot Certificate is valid; unless suspended, cancelled or otherwise varied by the HGFA Operations Manager.

#### Authority for Issue

A HGFA Ground Tow Endorsement may only be authorised by an HGFA Flight Instructor or SSO who holds a Ground Tow Endorsement or the HGFA Operations Manager or delegate authorised in writing by the Operation Manager.

### 6.3.2.4 Powered Endorsement – (HG)

No hang glider pilot shall operate a hang glider fitted with an auxiliary power unit unless:

- (a) he or she has been issued with a HGFA Powered Hang Glider Endorsement; or
- (b) he or she is undergoing training under the direct supervision and control of an endorsed HGFA Instructor (HG).

#### Requirements for Issue

Applicants for the issue of a Powered Endorsement shall meet the following minimum requirements:

- (c) Hold a valid Intermediate HGFA Pilot Certificate for the type of aircraft for which the endorsement is sought;
- (d) Have undertaken the course of instruction "VHF Radio Operator Syllabus" section [8.4.11](#); and

- (e) Have passed an examination for the issue of a Radio Operator Endorsement or Certificate approved in writing by the HGFA Operations Manager or from another aviation administration organisation approved by the HGFA Operations Manager.
- (f) have successfully passed theory and in-flight syllabus in accordance with section [8.4.9](#), “Powered Foot Launched”;
- (g) demonstrated to the appropriate HGFA Instructor that he or she has reached the level of competency required for the issue of the endorsement; and
- (h) Have his / her endorsement recommended by an appropriately endorsed HGFA Instructor.

### Aeronautical Experience

Prior to undertaking a flight test for the issue of a Powered Endorsement an applicant shall:

- (i) have completed a minimum of 20 hours flying experience and a minimum of 50 flights as pilot in command in aircraft of the type for which the endorsement is sought; or
- (j) have completed a minimum of 100 hours flying experience in any other type of aircraft, with a minimum of 10 hours flying experience, and a minimum of 50 flights as pilot in command in aircraft of the type for which the endorsement is sought.

### Privileges and Responsibilities

A HGFA Powered Endorsement (HG) authorises the holder to act as Pilot-in-Command of a Powered hang glider subject to:

- (k) Operations limited to aircraft of the type for which the Endorsement is issued;
- (l) Operations being limited to within 25 nautical miles of the place at which the pilot launched.
- (m) Any limitations imposed by a Duty Pilot, Safety Officer, owner of the site and / or the Safety Committee of the Club that controls the operations at the site being used, or imposed in writing by the HGFA Operations Manager.
- (n) Limitations specified within the HGFA Operations Manual.

### Period of Validity

A HGFA Powered Endorsement shall remain valid only while the holder's HGFA Pilot Certificate is valid; unless suspended, cancelled or otherwise varied by the HGFA Operations Manager.

### Authority for Issue

A HGFA Powered Endorsement may be authorised in writing by:

- (o) a HGFA Instructor, or
- (p) a HG Senior Safety Officer with an Advanced rating, who holds an endorsement of the kind to be issued and all other required endorsements, or
- (q) or the HGFA Operations Manager or delegate authorised in writing by the Operation Manager.

### **6.3.2.5 Radio Operator Endorsement (HG)**

No HGFA Pilot Certificate holder shall operate aeronautical frequency VHF radio equipment unless he or she has been issued with a HGFA Radio Operator Endorsement, or is undergoing training under the direct supervision and control of an appropriately endorsed Instructor or SSO for the purpose of gaining a HGFA Radio Operator Endorsement.

### Requirements for Issue

Applicants for the issue of a Radio Operator Endorsement must be able to intelligibly speak and understand the English language and shall meet the following minimum requirements:

- (a) Hold a current CASA aeronautical radio operator certificate or licence ; or
- (b) Hold a valid HGFA Pilot Certificate; and
  - (i) Have undertaken the course of instruction “VHF Radio Operator Syllabus” section [8.4.11](#); and
  - (ii) Have passed an examination for the issue of a Radio Operator Endorsement or Certificate approved in writing by the HGFA Operations Manager or from another aviation administration organisation approved by the HGFA Operations Manager; and
- (c) Have his/her certificate endorsed by HGFA Operations Manager and Flight Instructor or Chief Flight Instructor who hold the endorsement being sought.

### Privileges

A HGFA Radio Operator Endorsement authorises the holder to operate on the approved aeronautical VHF radio frequencies when engaged in flying activities.

**Note:** The holder of a HGFA Radio Operator Endorsement is at all times subject to the requirements of Civil Aviation Regulations and Orders, Aeronautical Information Publications and the Radio Communications Act.

**Note:** HGFA Student Pilot Certificate holders may operate aeronautical frequency VHF radio equipment for the purpose of gaining a Radio Operator Endorsement providing they are under the direct supervision and control of an Instructor who holds the endorsement.

### Period of Validity

A HGFA Radio Operator Endorsement shall remain valid only while the holder's HGFA Pilot Certificate is valid; unless suspended, cancelled or otherwise varied by the HGFA Operations Manager.

**Note:** Radio Operator Endorsement holders should ensure that the aircraft's or the pilot's call sign is displayed in a prominent and easy to read position to assist them when using aeronautical frequency VHF radio equipment.

### Authority for Issue

The HGFA Radio Operators Endorsement may only be authorised by a HGFA Flight Instructor who holds a Radio Operators Endorsement or the HGFA Operations Manager or delegate authorised in writing by the Operation Manager.

## 6.3.2.6 Oxygen Endorsement (HG)

### Requirements for Issue

Applicants for the issue of an Oxygen Endorsement shall meet the following minimum requirements:

- (a) Hold a valid HGFA Advanced Hang Gliding Pilot Certificate;
- (b) Have undertaken a course of instruction in the safe use of supplementary oxygen breathing equipment conducted by an oxygen endorsed HGFA CFI;
- (c) Have successfully passed theory examinations in accordance with the requirements of section [8.4.10](#) "Oxygen", and demonstrated that he or she has reached the level of competency required, and
- (d) Have his/her certificate endorsed by an appropriate HGFA CFI Instructor.

### Privileges and Responsibilities

A HGFA Oxygen Endorsement authorises the holder to use supplementary breathing oxygen for flights greater than 10,000 feet above mean sea level.

**Note:** Aircraft operated under CAO 95.10 and 95.32 are not permitted to be flown above 10 000 FT. Flights over 10,000 ft. without the carriage and use of oxygen equipment is in breach of Civil Aviation Order 95.8, This can lead to cancellation of the endorsement and or disciplinary action.

### Period of Validity

A HGFA Oxygen Endorsement shall remain valid only while the holder's HGFA Advanced Pilot Certificate is valid; unless suspended, cancelled or otherwise varied by the HGFA Operations Manager.

### Authority for Issue

The HGFA Oxygen Endorsement may only be authorised by a HGFA Flight Instructor who holds an Oxygen Endorsement or the HGFA Operations Manager or delegate authorised in writing by the Operation Manager.

## 6.3.3 Paraglider Pilot Certificates

Certificates issued:

- (a) PG1 Student Pilot.
- (b) PG2 Pilot.
- (c) PG3 Pilot
- (d) PG4 Pilot.
- (e) PG5 Pilot.

### 6.3.3.1 PG1 - Student Pilot Certificate

#### Requirements for Issue

An applicant for the issue of a PG1 Pilot Certificate shall:

- (a) have attained the age of 15 years and where the applicant is under the age of 18 years, written parental consent must be granted;
- (b) sign a declaration on the application form that his or her health complies with this manual, section [4.1.4](#).

#### Privileges

A PG1 Pilot Certificate authorises the holder to act, under the direct supervision of an approved HGFA PG Instructor who is under the supervision of an approved HGFA PG Chief Flight Instructor, as Pilot-In-Command for the purpose of:

- (c) increasing his or her flying skills in order to qualify for the issue of a HGFA PG2 Pilot Certificate; or
- (d) engaging in flying practice in order to requalify for a certificate that is no longer valid.

**Note:** For the purposes of assessing his or her motivation and suitability to undergo continued flight training or as part of a recognised Hang Gliding training program, a person may undergo initial flight training (TIF) for a maximum of 3 hours dual instruction before applying for a PG1 Student Pilot Certificate. Refer Section 2.3.4.

#### Limitations

The holder of a PG1 - Student Pilot Certificate when acting as pilot-in-command, shall attach a Yellow "Student" streamer at least one metre long to the risers or trailing edge of the paraglider, when operating with other non-student operated aircraft and is advised to do so by their Instructor.

#### Authority for Issue

The issue of PG1 Pilot Certificates may be authorised by the appropriate Instructor directly or as delegated (in writing) by the HGFA Operations Manager.

#### Period of Validity

Unless cancelled or suspended a PG1 Pilot Certificate shall remain valid for a period of 12 months or until HGFA membership requires renewal, whichever is the sooner.

### 6.3.3.2 PG2 - Pilot Certificate

#### Requirements for Issue

An applicant for the issue of a PG2 Pilot Certificate shall:

- (a) have attained the age of 15 years and where the applicant is under the age of 18 years, written parental consent must be granted;
- (b) sign a declaration on the application form that his or her health complies with HGFA requirements, section [4.1.4](#),
- (c) have successfully passed theory and practical examinations in accordance with the requirements of the HGFA Pilot Training Syllabi SYL-04 and SYL-06. (See [1.3](#) - Operational Documents Register), and
- (d) have demonstrated to an appropriate HGFA CFI that he or she has reached the level of competency required for the issue of a PG2 Pilot Certificate.
- (e) be a full and current member of the HGFA.

## Aeronautical Experience

Prior to undertaking a flight test for the issue of a PG2 Pilot Certificate an applicant shall have completed flight and ground training in accordance with this operations manual over a period including the minimum training days on the type of aircraft for which a PG2 pilot certificate is being sought.

## Privileges and Limitations

A PG2 Pilot Certificate authorises the holder to act as Pilot-In-Command of a paraglider subject to:

- (f) "On-Site Supervision" by an Instructor, Safety Officer or Duty Pilot and under conditions considered by an Instructor, Safety Officer or Duty Pilot to be suitable for PG2 Pilots;
- (g) maintaining a "Supervised Pilot Log Book", including obtaining the names and signatures of the Instructor or Safety Officer or Duty Pilot providing direct supervision of the PG2 certificate holders operations.
- (h) Any limitations imposed by a Duty Pilot, Safety Officer, or the owner of the site and/or the Safety Committee of the Club that control operations at the site;
- (i) Operations being limited to within 25 nautical miles of the place at which the pilot launched;
- (j) The pilot in command having performed three flights within the preceding 90 days, in an aircraft of the type being used;
- (k) Limitations specified within the HGFA Operations Manual and relevant legislation; and
- (l) When so directed by a Duty Pilot, or Safety Officer, a holder of a PG2 Pilot Certificate when acting as pilot-in-command shall attach a red streamer at least one metre long to the risers or trailing edge of the paraglider.
- (m) If for any reason, a PG2 Pilot Certificate holder has been unable to perform three flights, in an aircraft of the type being used within the preceding 90 days, he/she is to undergo a check flight under the direct supervision of an appropriate HGFA Instructor or Senior Safety Officer.

## Period of Validity

Unless cancelled or suspended by HGFA a PG2 Pilot Certificate shall remain valid for a period of 12 months or until HGFA membership requires renewal, whichever is the sooner.

## Requirements for Renewal

An applicant for the renewal of a PG2 Pilot Certificate shall:

- (n) have, within the previous 12 months, accumulated a minimum of 10 hours air time on the type of aircraft for which the PG2 Pilot Certificate was issued;
- (o) where the minimum aeronautical experience has not been attained the PG2 pilot certificate holder will be required to undergo a check flight under the direct supervision of an appropriate HGFA Instructor except where a pilot has undergone the flight tests necessary for the award of a pilot certificate in a similar aircraft type within the previous six months;
- (p) sign a declaration on the application form that his or her health complies with this manual, section [4.1.4](#); and
- (q) forward a renewal application, medical declaration and appropriate fee to reach the HGFA office at least seven (7) days prior to the expiry date.

**Note:** Failure to renew a pilots HGFA membership by the due Date means that the PG2 Pilot Certificate is no longer valid and the pilot may not exercise the privileges of the Certificate until it is renewed.

## Authority for Issue

The issue of a PG2 Pilot Certificate may be authorised by an appropriate HGFA Instructor or as delegated (in writing) by the HGFA Operations Manager.

## 6.3.3.3 PG3 - Pilot Certificate

### Requirements for Issue

An applicant for the issue of a PG3 Pilot Certificate shall:

- (r) have attained the age of 15 years and where the applicant is under the age of 18 years, written parental consent must be granted;
- (s) sign a declaration on the application form that his or her health complies with HGFA requirements, section [4.1.4](#),
- (t) have successfully completed practical competencies in accordance with the requirements of the HGFA Pilot Training Syllabi SYL-04 and SYL-06. (See [1.3](#) - Operational Documents Register), and
- (u) present to an appropriate HGFA Instructor, their "Supervised Pilot Log Book", with logged flights totalling a minimum of 15 hours & 60 flights, over a minimum of 25 days, including the obtained names and signatures of the Instructors or Safety Officers or Duty Pilots whom provided supervision of the logged flights, and
- (v) their Supervised Pilot Log Book to indicate:
  - (i) flights from 5 different sites of which 3 are inland, and
  - (ii) a minimum of 3 soaring flights, and
  - (iii) a minimum of 2 hours flown in thermic lift, and
- (w) have demonstrated to an appropriate HGFA CFI that he or she has reached the level of competency required for the issue of a PG3 Pilot Certificate.
- (x) be a full and current member of the HGFA.

### Aeronautical Experience

Prior to undertaking a flight test for the issue of a PG3 Pilot Certificate an applicant shall have completed flight and ground training in accordance with this operations manual over a period including the minimum training days on the type of aircraft for which a PG3 pilot certificate is being sought.

### Privileges and Limitations

A PG3 Pilot Certificate authorises the holder to act as Pilot-In-Command of a paraglider subject to:

- (y) Any limitations imposed by a Duty Pilot, Safety Officer, or the owner of the site and/or the Safety Committee of the Club that control operations at the site;
- (z) Operations limited to classified sites and conditions designated by controlling clubs to be suitable for PG3 Pilots;
- (aa) Operations being limited to within 25 nautical miles of the place at which the pilot launched;
- (bb) The pilot in command having performed three flights within the preceding 90 days, in an aircraft of the type being used;
- (cc) Limitations specified within the HGFA Operations Manual and relevant legislation; and
- (dd) If for any reason, a PG3 Pilot Certificate holder has been unable to perform three flights, in an aircraft of the type being used within the preceding 90 days, he/she is to undergo a check flight under the direct supervision of an appropriate HGFA Instructor or Senior Safety Officer.

### Period of Validity

Unless cancelled or suspended by HGFA a PG3 Pilot Certificate shall remain valid for a period of 12 months or until HGFA membership requires renewal, whichever is the sooner.

### Requirements for Renewal

An applicant for the renewal of a PG3 Pilot Certificate shall:

- (ee) have, within the previous 12 months, accumulated a minimum of 10 hours air time on the type of aircraft for which the PG3 Pilot Certificate was issued;
- (ff) where the minimum aeronautical experience has not been attained the PG3 pilot certificate holder will be required to undergo a check flight under the direct supervision of an appropriate HGFA Instructor except where a pilot has undergone the flight tests necessary for the award of a pilot certificate in a similar aircraft type within the previous six months;
- (gg) sign a declaration on the application form that his or her health complies with this manual, section [4.1.4](#); and

(hh) forward a renewal application, medical declaration and appropriate fee to reach the HGFA office at least seven (7) days prior to the expiry date.

**Note:** Failure to renew a pilots HGFA membership by the due Date means that the PG3 Pilot Certificate is no longer valid and the pilot may not exercise the privileges of the Certificate until it is renewed.

### Authority for Issue

The issue of a PG3 Pilot Certificate may be authorised by an appropriate HGFA Instructor or as delegated (in writing) by the HGFA Operations Manager.

## 6.3.3.4 PG4 - Pilot Certificate

### Requirements for Issue

An applicant for the issue of a PG4 Pilot Certificate shall:

- (a) be a full and current member of the HGFA,
- (b) hold a valid PG3 Pilot Certificate,
- (c) sign a declaration on the application form that his or her health complies with this manual, section [4.1.4](#),
- (d) have successfully passed theory and practical examinations in accordance with the requirements of the HGFA Pilot Training Syllabi SYL-04 and SYL-06. (See [1.3](#) - Operational Documents Register), and
- (e) demonstrate to an appropriate HGFA Instructor or Senior Safety Officer (PG) that he or she has reached the level of competency required for the issue of an PG4 Pilot Certificate.
- (f) Have undertaken the course of instruction “VHF Radio Operator Syllabus” section [8.4.11](#); and
- (g) Have passed an examination for the issue of a HGFA Radio Operator Endorsement, lodged the relevant HGFA endorsement application and been approved in writing by the HGFA Operations Manager; or hold a Radio Operator Endorsement or Certificate from another Recreational Aviation Administration Organisation, approved by the HGFA Operations Manager.

**Note:** that the type of aircraft for which the pilot certificate is being sought determines the requirements for theory and in-flight examinations.

### Aeronautical Experience

Prior to undertaking a flight test for the issue of a PG4 Pilot Certificate, an applicant shall have completed a minimum of 30 hours flying experience over a minimum of 25 flying days in a Paraglider and operations of the type for which an PG4 Pilot Certificate is awarded, and:

- (h) 2 soaring flights > 500' AGL; and
- (i) a minimum of 5 hours flight in thermic lift ; and
- (j) a minimum of 5 hours flight in ridge lift; and
- (k) flights at 4 different sites.

### Privileges and Limitations

A PG4 Pilot Certificate authorises the holder to act as Pilot-In-Command of a paraglider subject to:

- (l) Operations limited to classified sites and conditions designated by controlling clubs to be suitable for PG4 Pilots;
- (m) Any limitations imposed by a Duty Pilot, Safety Officer, the owner of the site and/or the Safety Committee of the Club that controls operations at the site; and
- (n) Operations being limited to within 25 nautical miles of the place at which the pilot launched except where the proposed flight path is approved in advance by a Safety Officer (or higher) who is the holder of an PG5 Pilot Certificate.
- (o) Limitations specified within the HGFA Operations Manual and relevant legislation; and,
- (p) Limitations as directed by CASA.

### Period of Validity

Unless cancelled or suspended by HGFA a PG4 Pilot Certificate shall remain valid for a period of 12 months or until HGFA membership requires renewal, whichever is the sooner.



## Requirements for Renewal

An applicant for the renewal of a PG4 Pilot Certificate shall:

- (q) have, within the previous 12 months, accumulated a minimum of 10 hours air time on the type of aircraft for which the PG4 Pilot Certificate was issued;
- (r) where the minimum aeronautical experience has not been attained the PG4 Pilot Certificate holder will be required to undergo a check flight under the direct supervision of an appropriate HGFA Instructor or Senior Safety Officer (PG), except where a pilot has undergone the flight tests necessary for the award of a PG4 Pilot Certificate within the previous six months;
- (s) sign a declaration on the renewal application form that his or her health complies with this manual, section [4.1.4](#); and
- (t) forward the renewal application, medical declaration and appropriate fee to reach the HGFA office at least seven (7) days prior to the expiry date.

**Note:** Failure to renew a pilots HGFA membership by the due date means that the PG4 Pilot Certificate is no longer valid and the pilot may not exercise the privileges of the Certificate until it is renewed.

## Authority for Issue

The issue of a PG4 Pilot Certificate may be authorised by the Senior Safety Officer of the Club of which the pilot is a member, a HGFA Instructor (PG) or as delegated (in writing) by the HGFA Operations Manager.

### **6.3.3.5 PG5 - Pilot Certificate (PG)**

#### Requirements for Issue

An applicant for the issue of a PG5 Pilot Certificate shall:

- (a) be a full, current member of the HGFA.
- (b) hold a valid PG4 Pilot Certificate for the aircraft type for which the PG5 Pilot Certificate is sought for a period of at least twelve months;
- (c) sign a declaration on the application form that his or her health complies with this manual, section [4.1.4](#);
- (d) have successfully passed theory and practical examinations in accordance with the requirements of the HGFA Pilot Training Syllabi SYL-04 and SYL-06. (See [1.3](#) - Operational Documents Register), and
- (e) demonstrate to an HGFA Instructor or Senior Safety Officer (PG) that he or she has reached the level of competency required for the issue of a PG5 Pilot Certificate.
- (f) Have undertaken the course of instruction “VHF Radio Operator Syllabus” section [8.4.11](#); and
- (g) Have passed an examination for the issue of a HGFA Radio Operator Endorsement, lodged the relevant HGFA endorsement application and been approved in writing by the HGFA Operations Manager; or hold a Radio Operator Endorsement or Certificate from another Recreational Aviation Administration Organisation, approved by the HGFA Operations Manager.

**Note:** that the type of aircraft for which the pilot certificate is being sought determines the requirements for theory and in flight examinations.

#### Aeronautical Experience

Prior to undertaking a flight test for the issue of a PG5 Pilot Certificate, an applicant shall have completed a minimum of 80 hours flying experience in a Paraglider and have completed a minimum of 200 flights; and

- (h) have held a PG4 certificate for a minimum of 12 months; and
- (i) Have completed 5 soaring flights with gains in height in excess of 1000 feet; and
- (j) Have completed 5 XC flights, each of a minimum 20 Kilometers length, measured from the point of takeoff.

Note: GPS IGC or GPX files are to be provided with the PG5 application for flight verification.

#### Privileges

A PG5 Pilot Certificate authorises the holder to act as Pilot-In-Command of a paraglider subject to:

- (k) Any limitations imposed by a Duty Pilot, Safety Officer, owner of the site and/or the Safety Committee of the Club that controls the operations at the site being used; and
- (l) Limitations specified within the HGFA Operations Manual and relevant legislation.
- (m) Cross country operations unlimited in distance.

## Period of Validity

Unless cancelled or suspended by HGFA a PG5 Pilot Certificate shall remain valid for a period of 12 months or until HGFA membership requires renewal, whichever is the sooner.

## Requirements for Renewal

An applicant for the renewal of a PG5 Pilot Certificate shall:

- (n) within the previous 12 months have accumulated a minimum of 10 hours air time on the type of aircraft for which the PG5 Pilot Certificate was issued;
- (o) where the minimum aeronautical experience has not been attained the PG5 Pilot Certificate holder will be required to undergo a check flight under the direct supervision of an appropriate HGFA Instructor or Senior Safety Officer (PG), except where a pilot has undergone the flight tests necessary for the award of another Pilot Certificate or endorsement within the previous six months;
- (p) sign a declaration on the application form that his or her health complies with this manual, section [4.1.4](#); and
- (q) forward a renewal application, medical declaration and appropriate fee to reach the HGFA office at least seven (7) days prior to the expiry date.

**Note:** Failure to renew a pilots HGFA membership by the due date means that the PG5 Pilot Certificate is no longer valid and the pilot may not exercise the privileges of the Certificate until it is renewed.

## Authority for Issue

**The issue of a PG5 Pilots Certificate may be authorised by the Senior Safety Officer of the Club of which the pilot is a member, an appropriate HGFA Instructor or as delegated (in writing) by the HGFA Operations Manager.**

## 6.3.4 Paraglider Pilot Endorsements

### 6.3.4.1 Tandem Endorsement (Sports) (PG)

#### Requirements for Issue

An applicant for the issue of a HGFA Tandem Endorsement shall:

- (a) have attained the age of 18 years;
- (b) hold a valid HGFA PG5 Pilot Certificate for the type of aircraft for which the endorsement is sought;
- (c) have successfully passed theory and in-flight examinations at an approved flight training facility for operations and in accordance with the requirements of the syllabus defined in section [8.4.12](#), "Tandem (HG/PG) Syllabus";
- (d) demonstrate to an appropriate HGFA Chief Flight Instructor that he or she has reached the level of competency required for the issue of the endorsement;
- (e) sign a declaration on the application form that his or her health complies with requirements detailed in section [4.1.4](#).
- (f) forward to the HGFA Office a completed Tandem Endorsement application, which is signed and dated by the examining Chief Flight Instructor (PG) together with the appropriate fee.

**Note:** It is recommended that an applicant for a Tandem Endorsement hold a current St Johns Advanced or Senior First Aid Certificate or equivalent.

#### Aeronautical Experience

Prior to undertaking a flight test for the issue of a Tandem Endorsement an applicant shall:

- (g) have completed a minimum of 200 hours flying experience as pilot in command in aircraft of the type for which the endorsement is sought; or
- (h) have completed a minimum of 100 hours flying experience with a minimum of 500 flights as pilot in command in aircraft of the type for which the endorsement is sought.

## Privileges

A Tandem Endorsement authorises the holder to act as Pilot-In-Command of a suitable certified aircraft carrying a passenger subject to:

- (i) operations limited to aircraft of the type for which the PG5 pilot certificate is issued;
- (j) where the passenger is under 18 years of age, written parental or guardian consent is granted;
- (k) all flights being for recreational, record attempts or sporting purposes only;
- (l) no charge or instruction is applied to the passenger;
- (m) the pilot in command having performed three flights, in an aircraft of the type to be used, within the preceding 90 days; and
- (n) the first fifteen Tandem flights after endorsement issue are conducted with a person who holds a HGFA paragliding Pilot Certificate;
- (o) The pilot conducting the operations must have the approval to conduct such operations from the local club which controls those sites from where the operations will be conducted.

*Note: Non-instructional flights, for which a fee is charged, are strictly prohibited.*

## Period of Validity

A HGFA Tandem Endorsement (PG) shall remain valid:

- (p) while the holder's HGFA PG5 Pilot Certificate is valid; and
- (q) the holder is a current financial member of the HGFA, having signed a declaration on their membership renewal application that his or her health complies with section [4.1.4](#) of this manual; or
- (r) unless suspended, cancelled or otherwise varied by the HGFA Operations Manager.

## Authority for Issue

The issue of a Tandem Endorsement (Sport) may only be authorised by an HGFA Flight Instructor or the HGFA Operations Manager or delegate authorised in writing by the Operation Manager.

## Carriage of Passengers

HGFA pilots shall not carry passengers in a hang glider unless:

- (s) the aircraft used is rated to carry passengers and is certified, refer section [9.3](#).
- (t) he or she is the holder of a valid Tandem endorsement for the aircraft type issued by HGFA; and
- (u) The aircraft used has been inspected and maintained in accordance with the requirements of;
  - (i) Assembly, Inspection and Maintenance Standards, section [9.6](#);
  - (ii) The Aircraft Operator's Manual; and
  - (iii) Technical notices / bulletins.
- (v) Where the Passenger is under 18 years of age, written parental or guardian consent is required.
- (w) Passengers shall not be carried for hire or reward unless the flight is for bona fide instructional purposes.

### **6.3.4.2 Ground Tow Endorsement (PG)**

No person shall pilot a paraglider for the purpose of a ground tow launch unless:

- (a) he or she has been issued with a HGFA Ground Tow Endorsement (PG); or
- (b) he or she is undergoing training under the direct supervision and control of an appropriately endorsed HGFA Instructor for the purpose of gaining a PG2 Pilot Certificate; or
- (c) he or she is undergoing training in accordance with the syllabus in section [8.4.2](#), under the direct supervision and control of an appropriately endorsed HGFA Instructor or SSO for the purpose of gaining a Ground Tow Endorsement; and
- (d) all operations comply with all the requirements of the HGFA Towing Procedures Manual.

## Requirements for Issue

Applicants for the issue of a Ground Tow endorsement shall meet the following minimum requirements:

- (e) Hold a valid HGFA Pilot Certificate for the type of aircraft for which the endorsement is sought;

- (f) Have undertaken a course of instruction in ground tow operations provided by an appropriate HGFA Instructor, have successfully passed theory and in-flight examinations in accordance with the requirements of section [8.4.2](#), "Ground Tow" syllabus; and
- (g) demonstrated that he or she has reached the level of competency required; and
- (h) Have his/her endorsement recommended by an appropriately endorsed HGFA Instructor.

### Privileges and Responsibilities

A HGFA Ground Tow Endorsement authorises the holder to undertake ground tow operations carried out in conformity with the guidelines outlined in the HGFA Towing Procedures Manual.

### Period of Validity

A HGFA Ground Tow Endorsement shall remain valid only while the holder's HGFA Pilot Certificate is valid; unless suspended, cancelled or otherwise varied by the HGFA Operations Manager.

### Authority for Issue

A HGFA Ground Tow Endorsement may only be authorised by an HGFA Flight Instructor or SSO who holds a Ground Tow Endorsement or the HGFA Operations Manager or delegate authorised in writing by the Operation Manager.

### **6.3.4.3 Powered Paraglider Certificate (Previous Motor Endorsement – Foot Launch)**

No paraglider pilot shall operate a paraglider fitted with an auxiliary power unit unless:

- (a) he or she has been issued with a HGFA Powered Paraglider certificate Foot launched (PG); or
- (b) he or she is the **holder** of a HGFA PG3 or higher HGFA paragliding certificate and is undergoing training under the direct supervision of an HGFA PG Instructor who holds the Powered Paraglider Certificate or a HGFA PPG Instructor.

### Requirements for Issue

Applicants for the issue of a Powered Paraglider certificate – Foot Launched (PG), shall meet the following minimum requirements:

- (c) Holds a valid HGFA PG4 Paragliding Pilot Certificate;
- (d) Have undertaken the course of instruction "VHF Radio Operator Syllabus" section [8.4.11](#); and
- (e) Have passed an examination for the issue of a Radio Operator Endorsement or Certificate approved in writing by the HGFA Operations Manager or from another aviation administration organisation approved by the HGFA Operations Manager.
- (f) Have successfully completed the syllabus as specified in section [8.4.9](#) "Powered Foot Launched";
- (g) Have passed the theory examination for the issue of a Powered Paraglider Certificate;
- (h) Have demonstrated to an appropriate HGFA Instructor that he or she has reached the level of competency required for the issue of the certificate; and
- (i) Have his / her endorsement recommended by an appropriately endorsed HGFA Instructor or SSO.

### Aeronautical Experience

Prior to undertaking a flight test for the issue of a Powered Paraglider certificate, an applicant shall have completed, whilst under the supervision of an Instructor or authorised SSO:

- (a) a minimum of 15 flights under instruction of no less than 8 hours in total, and
- (b) a 10 nautical mile cross country flight.

### Privileges and Responsibilities

A Powered Paraglider certificate (Foot Launched) authorises the holder to act as Pilot-in-Command of a Powered paraglider subject to:

- (c) Operations limited to aircraft of the type for which the Endorsement is issued;
- (d) Operations being limited to within 25 nautical miles of the place at which the pilot launched.
- (e) Any limitations imposed by a Duty Pilot, Safety Officer, owner of the site and/or the Safety Committee of the Club that controls the operations at the site being used, or imposed in writing by the HGFA Operations Manager.

(f) Limitations specified within the HGFA Operations Manual and relevant legislation.

### Period of Validity

A Powered Paraglider certificate shall remain valid only while the holder's HGFA Pilot Certificate is valid; unless suspended, cancelled or otherwise varied by the HGFA Operations Manager.

### Authority for Issue

A HGFA Powered Paraglider certificate may be authorised in writing by:

- (g) a HGFA PG instructor who has held the Power Paraglider certificate for a minimum 2 years, or
- (h) or a flight instructor who holds a Specific Delegated Authority (SDA) issued by the HGFA Operations Manager
- (i) a HGFA PPG Instructor, or
- (j) a PPG Senior Safety Officer who has held the Power Paraglider certificate for a minimum 2 years and all other required endorsements, or
- (k) or a Senior Safety Officer who holds a Specific Delegated Authority (SDA) issued by the HGFA Operations Manager
- (l) the HGFA Operations Manager or delegate authorised in writing by the Operation Manager

### **6.3.4.4 Radio Operator Endorsement (PG)**

No HGFA Pilot Certificate holder shall operate aeronautical frequency VHF radio equipment unless he or she has been issued with a HGFA endorsement, or is undergoing training under the direct supervision and control of an appropriately endorsed Instructor or SSO for the purpose of gaining a HGFA radio operator endorsement.

### Requirements for Issue

Applicants for the issue of a Radio Operator Endorsement must be able to intelligibly speak and understand the English language and shall meet the following minimum requirements:

- (a) Hold a current CASA aeronautical radio operator certificate or licence ; or
- (b) Hold a valid HGFA Pilot Certificate; and
  - (iv) Have undertaken the course of instruction "VHF Radio Operator Syllabus" section [8.4.11](#); and
  - (v) Have passed an examination for the issue of a Radio Operator Endorsement or Certificate approved in writing by the HGFA Operations Manager or from another aviation administration organisation approved by the HGFA Operations Manager; and
- (c) Have his/her certificate endorsed by HGFA Operations Manager and Flight Instructor or Chief Flight Instructor who hold the endorsement being sought.

### Privileges

A HGFA Radio Operator Endorsement authorises the holder to operate on the approved aeronautical VHF radio frequencies when engaged in flying activities.

**Note:** *The holder of a HGFA Radio Operator Endorsement is at all times subject to the requirements of Civil Aviation Regulations and Orders, Aeronautical Information Publications and the Radio Communications Act.*

**Note:** *HGFA PG1 Pilot Certificate holders may operate aeronautical frequency VHF radio equipment for the purpose of gaining a Radio Operator Endorsement providing they are under the direct supervision and control of an Instructor who holds the endorsement.*

### Period of Validity

A HGFA Radio Operator Endorsement shall remain valid only while the holder's HGFA Pilot Certificate is valid; unless suspended, cancelled or otherwise varied by the HGFA Operations Manager.

**Note:** *Radio Operator Endorsement holders should ensure that the aircraft's or the pilot's call sign is displayed in a prominent and easy to read position to assist them when using aeronautical frequency VHF radio equipment.*

### Authority for Issue

The HGFA Radio Operators Endorsement may only be authorised by a HGFA Flight Instructor who holds a Radio Operators Endorsement or the HGFA Operations Manager or delegate authorised in writing by the Operation Manager.

## 6.3.4.5 Oxygen Endorsement (PG)

### Requirements for Issue

Applicants for the issue of an Oxygen Endorsement shall meet the following minimum requirements:

- (a) Hold a valid HGFA PG4 Paragliding Pilot Certificate;
- (b) Have undertaken a course of instruction in the safe use of supplementary oxygen breathing equipment conducted by an oxygen endorsed HGFA CFI;
- (c) Have successfully passed theory examinations in accordance with the requirements of section [8.4.10](#) "Oxygen", and demonstrated that he or she has reached the level of competency required, and
- (d) Have his/her certificate endorsed by an appropriate HGFA CFI Instructor.

### Privileges and Responsibilities

A HGFA Oxygen Endorsement authorises the holder to use supplementary breathing oxygen for flights greater than 10,000 feet above mean sea level.

*Note: Aircraft operated under CAO 95.10 and 95.32 are not permitted to be flown above 10 000 FT. Flights over 10,000 ft. without the carriage and use of oxygen equipment is in breach of Civil Aviation Order 95.8, This can lead to cancellation of the endorsement and or disciplinary action.*

### Period of Validity

A HGFA Oxygen Endorsement shall remain valid only while the holder's HGFA PG4 Pilot Certificate is valid; unless suspended, cancelled or otherwise varied by the HGFA Operations Manager.

### Authority for Issue

The HGFA Oxygen Endorsement may only be authorised by a HGFA Flight Instructor who holds an Oxygen Endorsement or the HGFA Operations Manager or delegate authorised in writing by the Operation Manager.

## 6.3.4.6 Speed Wing Endorsement (PG)

The Speed Wing endorsement is an endorsement covering PG operations that involve operating at a wing loading over 5KG per square meter (flat area). This loading applies to all wings including freestyle, mini wings, speed wings and acrobatic wings.

**Note:** This does not apply to tandem operations of wings within EN certification limits.

No paraglider pilot shall operate a Speed Wing as defined above, unless:

- (a) he or she has been issued with a HGFA Speed Wing endorsement (PG); or
- (b) he or she is the **holder** of a HGFA PG3 or higher HGFA paragliding certificate and is undergoing training under the direct supervision of an HGFA PG Instructor, who is authorised to carryout Speed Wing Instruction.

### Requirements for Issue

An applicant for the issue of a HGFA Speed Wing endorsement shall:

- (e) have attained the age of 18 years; and
- (f) hold a valid HGFA PG4 Pilot Certificate including any required endorsements; or
- (g) hold a valid HGFA PG3 Pilot certificate and a "C" license with the Australian Parachute Federation (APF), with a minimum 100 logged jumps; and
- (h) have successfully passed theory and in-flight examinations for the Speed Wing endorsement (See syllabus Section 8.4.16); and
- (i) demonstrate to an appropriate HGFA Instructor (or delegate approved by the Operations Manager ) that he or she has reached the level of competency required for the issue of the endorsement; and
- (j) forward to the HGFA Office a completed Speed Wing endorsement application, which is signed and dated by the examining Instructor (PG) together with the appropriate fee.

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## Aeronautical Experience

Prior to undertaking a flight test for the issue of a Speed Wing endorsement an applicant shall have completed a minimum of 25 flights of a speed wing under the supervision of a HGFA instructor or delegate approved by the Operations Manager .

## Privileges

A Speed Wing endorsement authorises the holder to act as Pilot-In-Command of a highly loaded Paraglider (>5KG/M<sup>2</sup>) subject to all flights being for recreational, record attempts or sporting purposes only;

## Period of Validity

A HGFA Speed Wing endorsement (PG) shall remain valid:

- (k) while the holder's HGFA Pilot Certificate is valid; and
- (l) the holder is a current financial member of the HGFA, having signed a declaration on their membership renewal application that his or her health complies with section [4.1.4](#). of this manual;
- (m) unless suspended, cancelled or otherwise varied by the HGFA Operations Manager.

## Authority for Issue

The issue of a Speed Wing endorsement may only be authorised by a HGFA Flight Instructor who has held the Speed Wing endorsement for a minimum 2 years or a flight instructor who holds a Specific Delegated Authority (SDA) issued by the HGFA Operations Manager or the HGFA Operations Manager or delegate authorised in writing by the Operation Manager.

## Carriage of Passengers

HGFA pilots shall not carry passengers in a Speed Wing configuration.

## 6.3.5 Powered Paraglider Pilot Certificates

**For flying training in order to enable a person to obtain a powered paragliding pilot certificate from the HGFA, all foot launched & wheel based craft must have been wholly built by a commercial manufacturer. Wings must also be certified and operated within the weight range specified by the manufacturer.**

Certificates issued:

- (a) Student Pilot.
- (b) Powered Paraglider Pilot.

### 6.3.5.1 Student Pilot Certificate

#### Requirements for Issue

An applicant for the issue of a Student Pilot Certificate shall;

- (a) have attained the age of 15 years and where the applicant is under the age of 18 years, written parental consent must be granted;
- (b) sign a declaration on the application form that his or her health complies with this manual, section [4.1.4](#).

#### Privileges

A Student Pilot Certificate authorises the holder to act, under the direct supervision of an approved HGFA PPG Instructor who is under the supervision of an approved HGFA PPG Chief Flight Instructor, as Pilot-In-Command for the purpose of:

- (c) increasing his or her flying skills in order to qualify for the issue of a HGFA Supervised Pilot Certificate or Powered Paragliding Pilot Certificate; or
- (d) engaging in flying practice in order to requalify for a certificate that is no longer valid.

***Note:** For the purposes of assessing his or her motivation and suitability to undergo continued flight training or as part of a recognised Instruction Program, a person may undergo initial flight training for a maximum of 3 hours dual instruction before applying for a Student Pilot Certificate.*

#### Authority for Issue

The issue of Student Pilot Certificates may be authorised by the appropriate Instructor directly or as delegated (in writing) by the HGFA Operations Manager.

#### Period of Validity

Unless cancelled or suspended a Student Pilot Certificate shall remain valid for a period of 12 months or until HGFA membership requires renewal, whichever is the sooner.

### 6.3.5.2 Powered Paraglider Pilot Certificate

#### Requirements for Issue

An applicant for the issue of a Powered Paraglider Pilot Certificate shall:

- (a) sign a declaration on the application form that his or her health complies with this manual, section [4.1.4](#);
- (b) have attained the age of 15 years and where the applicant is under the age of 18 years, written parental consent must be granted;
- (c) have successfully passed theory and in-flight examinations in accordance with training work book SYL-16 and either;
  - (i) Syllabus SYL-09 (Foot launched), or
  - (ii) Syllabus SYL-10 (Wheel launched).(See [1.3](#) - Operational Documents Register)
- (d) Have undertaken the course of instruction “VHF Radio Operator Syllabus” section [8.4.11](#); and



- (e) Have passed an examination for the issue of a HGFA Radio Operator Endorsement, lodged the relevant HGFA endorsement application and been approved in writing by the HGFA Operations Manager; or hold a Radio Operator Endorsement or Certificate from another Recreational Aviation Administration Organisation, approved by the HGFA Operations Manager; and
- (f) demonstrated to an appropriate HGFA PPG CFI, that he or she has reached the level of competency required for the issue of a Powered Paraglider Pilot Certificate.
- (g) be a full and current member of the HGFA.

### Aeronautical Experience

Prior to undertaking a flight test for the issue of a Powered Paraglider Pilot Certificate an applicant shall have completed:

- (h) a minimum of 30 flights under instruction of no less than 20 hours in total,
- (i) a 10 nautical mile cross country flight, and
- (j) a minimum of 12 days flight training in a powered paraglider.

### Privileges

A Powered Paraglider Pilot Certificate authorises the holder to act as Pilot-In-Command of a powered paraglider subject to limitations specified within the HGFA Operations Manual.

Pilots shall not undertake cross-country flights further than 25 nautical miles from the point of departure, and within a radius of 25nm, unless he or she holds a PPG Cross Country endorsement.

### Period of Validity

Unless cancelled or suspended by HGFA Powered Paraglider Pilot Certificate shall remain valid for a period of 12 months or until HGFA membership requires renewal, whichever is the sooner.

### Requirements for Renewal

An applicant for the renewal of a Powered Paraglider Pilot Certificate shall:

- (k) have, within the previous 12 months, accumulated a minimum of 10 hours flight time on a Powered Paraglider;
- (l) where the minimum aeronautical experience has not been attained the Powered Paraglider Pilot Certificate holder will be required to undergo a check flight under the direct supervision of a HGFA Instructor (PPG);
- (m) sign a declaration on the application form that his or her health complies with this manual, section [4.1.4](#); and
- (n) forward a renewal application, medical declaration and appropriate fee to reach the HGFA office at least seven (7) days prior to the expiry date.

*Note: Failure to renew a pilots HGFA membership by the due date means that the powered Paraglider Pilot Certificate is no longer valid and the pilot may not exercise the privileges of the Certificate until it is renewed.*

### Authority for Issue

The issue of a Powered Paraglider Pilot Certificate may be authorised by an appropriate HGFA PPG Instructor or as delegated (in writing) by the HGFA Operations Manager.

## 6.3.6 Powered Paraglider Pilot Endorsements

### 6.3.6.1 Cross Country Endorsement (PPG)

No HGFA pilot certificate holder shall act as pilot in command of a PPG aircraft at a distance greater than 25 nautical miles from the initial point of departure;

- (i) unless he or she is the holder of a valid PPG Cross Country Endorsement; or
- (ii) flight training exercises are being conducted under the supervision and control of a FI or CFI.

### Requirements for Issue

Applicants for the issue of a PPG Cross Country Endorsement shall meet the following minimum requirements:

- (o) Have accumulated a minimum of 5 hours cross country navigation, of which at least 4 hours were completed with formal instruction, and 1 hour solo (pilot-in-command) to demonstrate competency;

- (p) Reach the standard required as specified in section [8.4.4](#), “Cross Country (PPG/WM)” and pass the written examination on the topics nominated in the syllabus of basic aeronautical knowledge as required for this endorsement; or
- (q) hold an Private Pilot Licence (or higher) or an RA-Aus Pilot Certificate with a Cross Country Endorsement; and
- (r) have his or her certificate application endorsed by a PPG Chief Flight Instructor.

### Authority for Issue

A Cross Country Endorsement may be authorised by a HGFA Flight Instructor who holds a certificate of the kind to be issued or the HGFA Operations Manager or delegate authorised in writing by the Operation Manager.

### Period of Validity

A Cross Country Endorsement shall remain valid only while the holder's HGFA PPG Pilot Certificate is valid, unless suspended, cancelled or otherwise varied by the HGFA Operations Manager.

## 6.3.6.2 Tandem Endorsement (Sports) - (PPG)

### Carriage of Passengers

HGFA pilots shall not carry passengers in a powered paraglider unless:

- (a) he or she is the holder of a valid Tandem endorsement for the aircraft type issued by HGFA; and
- (b) the aircraft used is rated to carry passengers and is certified, see [9.3](#).
- (c) The aircraft used has been inspected and maintained in accordance with the requirements of;
  - (i) Assembly, Inspection and Maintenance Standards, see [9.6](#);
  - (ii) The Aircraft Operator's Manual; and
  - (iii) Technical notices / bulletins.
- (d) Where the Passenger is under 18 years of age, written parental or guardian consent is required.
- (e) Passengers shall not be carried for hire or reward unless the flight is for bona fide instructional purposes.

### Requirements for Issue

An applicant for the issue of a HGFA Tandem Endorsement shall:

- (f) Hold a valid HGFA Powered Paraglider Pilot Certificate and Cross Country endorsement for the type of aircraft for which the endorsement is sought.
- (g) sign a declaration on the application form that his or her health complies with this manual, section [4.1.4](#);
- (h) Have attained the age of 18 years;
- (i) Have successfully passed theory and in-flight examinations in accordance with the requirements of the PPG Passenger Endorsement\_Syllabus section [8.4.13](#), and demonstrate to an appropriate HGFA Chief Flight Instructor that he or she has reached the level of competency required for the issue of the endorsement; and
- (j) Forward to the HGFA Operations Manager a completed Tandem Endorsement application, which is signed and dated by the examining Chief Flight Instructor (PPG) together with the appropriate fee.

**Note: It is also recommended that an applicant for a Tandem Endorsement hold a current St Johns Advanced or Senior First Aid Certificate or equivalent.**

### Aeronautical Experience

Prior to undertaking a flight test for the issue of a Tandem Endorsement:

- (k) Foot Launched Applicants must have completed a minimum of 200 hours flying experience with a minimum of 200 flights as pilot in command in aircraft of the type for which the endorsement is sought.
- (l) Wheelbased launched applicants must have completed a minimum of 80 hours flying experience with a minimum of 150 flights as pilot in command in aircraft of the type for which the endorsement is sought.

## Privileges

A PPG Tandem Endorsement authorises the holder to act as Pilot-In-Command of a certified aircraft carrying a passenger subject to:

- (m) operations limited to aircraft of the type for which the pilot certificate is issued;
- (n) where the passenger is under 18 years of age, written parental or guardian consent is granted;
- (o) all flights being for recreational, record attempts or sporting purposes only;
- (p) no charge or instruction is applied to the passenger;
- (q) the pilot in command having performed three flights, in an aircraft of the type to be used, within the preceding 90 days; and
- (r) where flights are conducted in a powered paraglider, the first ten Tandem flights after endorsement issue are conducted with a person who holds a Powered Paragliding Pilot Certificate.

The pilot conducting the operations must have the approval to conduct such operations from the local club which controls those sites from where the operations will be conducted.

**Note: Non-instructional flights, for which a fee is charged, are strictly prohibited.**

## Period of Validity

A HGFA Tandem Endorsement shall remain valid;

- (s) while the holder's HGFA Powered Paraglider Certificate is valid; and
- (t) the holder is a current financial member of the HGFA, having signed a declaration on their membership renewal application that his or her health complies with section [4.1.4](#) of this manual; or
- (u) unless suspended, cancelled or otherwise varied by the HGFA Operations Manager.

## Authority for Issue

The issue of a Tandem Endorsement (Sport) may be authorised by a HGFA PPG Flight Instructor who holds a certificate of the kind to be issued or the HGFA Operations Manager or delegate authorised in writing by the Operation Manager.

### **6.3.6.3 Free-Flight Conversion Endorsement (PPG to PG)**

No powered paraglider pilot shall operate a paraglider in free flight unless:

- (a) he or she has been issued with a HGFA paragliding certificate; or
- (b) he or she is undergoing training under the direct supervision and control of an appropriately endorsed HGFA Instructor (PG)

## Requirements for Issue

Applicants for the issue of a Free Flight Supervised Pilot certificate shall meet the following minimum requirements:

- (c) Hold a valid HGFA Powered Paraglider Pilot Certificate.
- (d) Have undertaken a course of instruction in accordance with section [8.4.8](#), "Free Flight Endorsement"; and
- (e) have passed PG2 Paraglider Pilot theory and practical examinations in accordance with the requirements of the HGFA Pilot Training Syllabi SYL-04 and SYL-06. (See [1.3](#) - Operational Documents Register); and
- (f) demonstrated to an appropriate HGFA CFI that he or she has reached the level of competency required for the issue of the PG2 Paraglider certificate; and
- (g) Have his/her certificate endorsed by an endorsed HGFA CFI (PG).

## Aeronautical Experience

Prior to undertaking training for the issue of a PG2 Paragliding certificate, an applicant shall have completed a minimum of 20 hours flying over a minimum of 25 flying days experience, with a minimum of 50 flights as pilot in command of a Powered Paraglider.

## Privileges and Limitations

A PG2 Pilot Certificate authorises the holder to act as Pilot-In-Command of a paraglider subject to:

- (h) the aircraft type for which the PG2 pilot certificate is issued;

- (i) "On-Site Supervision" by an Instructor, Safety Officer or Duty Pilot and under conditions considered by an Instructor, Safety Officer or Duty Pilot to be suitable for Supervised Pilots;
- (j) maintaining a "Supervised Pilot Log Book", including obtaining the names and signatures of the Instructor or Safety Officer or Duty Pilot providing direct supervision of the Supervised Certificate holders operations.
- (k) Any limitations imposed by a Duty Pilot, Safety Officer, or the owner of the site and/or the Safety Committee of the Club that control operations at the site;
- (l) Operations being limited to within 25 nautical miles of the place at which the pilot launched;
- (m) Limitations specified within the HGFA Operations Manual and relevant legislation; and
- (n) When so directed by a Duty Pilot, or Safety Officer, a holder of a PG2 Pilot Certificate when acting as pilot-in-command shall attach a red streamer at least one metre long to the risers of the paraglider.

### Authority for Issue

A HGFA PG2 Pilot certificate may be authorised by a HGFA Flight Instructor who holds a certificate of the kind to be issued or the HGFA Operations Manager or delegate authorised in writing by the Operation Manager.

### **6.3.6.4 Wheel Launch Endorsement (PPG)**

No powered paraglider pilot shall operate a paraglider fitted with a wheeled base auxiliary power unit unless:

- (a) he or she has been issued with a HGFA Powered Paraglider Endorsement (PPG Wheel Launch); or
- (b) he or she is undergoing training (PPG Wheel Launch) under the direct supervision and control of an appropriately endorsed HGFA Instructor.

### Requirements for Issue

Applicants for the issue of a PPG Wheel Launch Endorsement shall meet the following minimum requirements:

- (c) Hold a valid HGFA Foot launch Powered Paraglider Pilot Certificate; or
- (d) Hold a valid Intermediate Paraglider Pilot certificate including Motor & Radio Operator Endorsements; and
- (e) have successfully passed theory and in-flight syllabus in accordance with the "PPG Wheel based Training Syllabus" section [8.4.7](#); and
- (f) demonstrated to an appropriate HGFA Instructor that he or she has reached the level of competency required for the issue of the endorsement; and
- (g) Have his or her endorsement recommended by an appropriately endorsed HGFA Instructor.

### Aeronautical Experience

Prior to undertaking a flight test for the issue of a Wheel Launch Endorsement, an applicant, whilst under instruction, shall have completed a minimum of 2 hours flying experience and a minimum of 8 flights as pilot in command of a wheelbased powered paraglider.

### Privileges and Responsibilities

A PPG Wheel Launch Endorsement authorises the holder to act as Pilot-in-Command of a Powered paraglider with a wheel base subject to:

- (h) the aircraft type for which the Endorsement is issued;
- (i) Any limitations imposed by a Duty Pilot, Safety Officer, owner of the site and / or the Safety Committee of the Club that controls the operations at the site being used, or imposed in writing by the HGFA Operations Manager.
- (j) Limitations specified within the HGFA Operations Manual and relevant legislation.

### Period of Validity

A HGFA Powered Wheel Launch Endorsement shall remain valid only while the holder's HGFA Pilot Certificate is valid; unless suspended, cancelled or otherwise varied by the HGFA Operations Manager.

## Authority for Issue

A HGFA Powered Wheel Launch Endorsement may be authorised by a HGFA PPG Flight Instructor who holds a certificate of the kind to be issued or the HGFA Operations Manager or delegate authorised in writing by the Operation Manager.

### **6.3.6.5 Foot Launch Endorsement (PPG)**

No pilot holding a Wheel Launch Powered Paraglider Certificate (6.3.5.2) shall foot launch a powered paraglider unless:

- (a) he or she has been issued with a HGFA PPG Foot Launch Endorsement; or
- (b) he or she is undergoing training (PPG Foot Launch) under the direct supervision and control of an appropriately endorsed HGFA Instructor.

## Requirements for Issue

Applicants for the issue of a PPG Foot Launch Endorsement shall meet the following minimum requirements:

- (c) Hold a valid HGFA Wheelbased Powered Paraglider Pilot Certificate;
- (d) have successfully passed theory and in-flight syllabus in accordance with the “PPG Foot Launch Training Syllabus” section [8.4.6](#); and
- (e) demonstrated to an appropriate HGFA Instructor that he or she has reached the level of competency required for the issue of the endorsement; and
- (f) Have his or her endorsement recommended by an appropriately endorsed HGFA Instructor.

## Aeronautical Experience

Prior to undertaking a flight test for the issue of a Foot Launch Endorsement, an applicant, whilst under instruction, shall have completed a minimum of 2 hours flying experience and a minimum of 8 flights as pilot in command of a Foot Launch powered paraglider.

## Privileges and Responsibilities

A HGFA PPG Foot Launch Endorsement authorises the holder to act as Pilot-in-Command of a foot launched powered paraglider subject to:

- (g) the aircraft type for which the Endorsement is issued;
- (h) Any limitations imposed by a Duty Pilot, Safety Officer, owner of the site and / or the Safety Committee of the Club that controls the operations at the site being used, or imposed in writing by the HGFA Operations Manager.
- (i) Limitations specified within the HGFA Operations.

## Period of Validity

A HGFA PPG Foot Launch Endorsement shall remain valid only while the holder's HGFA Pilot Certificate is valid; unless suspended, cancelled or otherwise varied by the HGFA Operations Manager.

## Authority for Issue

A HGFA PPG Foot Launch Endorsement may be authorised by a HGFA PPG Flight Instructor who holds a certificate of the kind to be issued or the HGFA Operations Manager or delegate authorised in writing by the Operation Manager.

### **6.3.6.6 Formation Endorsement (PPG)**

## Formation Flying

No HGFA pilot certificate holder shall pilot a powered aircraft which is flying closer than 100 feet to another powered or unpowered aircraft unless he or she has been issued with a Formation Endorsement by the HGFA or he or she is undergoing flight training under the direct supervision and control of an appropriately endorsed HGFA (PPG) Instructor.

Formation flight shall not be conducted without a comprehensive ground briefing between all participants.

## Requirements for Issue

Applicants for the issue of a Formation Flying Endorsement shall meet the following minimum requirements:

- (a) Hold a valid HGFA PPG Pilot Certificate; and
- (b) Have accumulated a minimum of 50 hours as Pilot-In-Command of a PPG aircraft; and
- (c) Have attained the age of 18 years; and
- (d) Have passed the Formation Flying syllabus in accordance with section [8.4.5](#);
- (e) Have accumulated a minimum of 5 hours formation flying (under supervision), to demonstrate competency; and
- (f) Have his or her certificate application endorsed by a Chief Flight Instructor who holds a Formation Endorsement, and
- (g) forward the completed application form together with medical declaration and the appropriate fee to the HGFA Office.

## Period of Validity

A HGFA PPG Formation Endorsement shall remain valid only while the holder's HGFA PPG Pilot Certificate is valid, unless suspended, cancelled or otherwise varied by the HGFA Operations Manager.

## Authority for Issue

A HGFA Formation Endorsement may be authorised by a HGFA PPG Flight Instructor who holds a certificate of the kind to be issued or the HGFA Operations Manager or delegate authorised in writing by the Operation Manager.

### **6.3.6.7 Radio Operator Endorsement**

No HGFA Pilot Certificate holder shall operate aeronautical frequency VHF radio equipment unless he or she has been issued with a HGFA Radio Operator Endorsement, or is undergoing training under the direct supervision and control of an appropriately endorsed Instructor or SSO for the purpose of gaining a HGFA radio operator endorsement.

## Requirements for Issue

Applicants for the issue of a Radio Operator Endorsement must be able to intelligibly speak and understand the English language and shall meet the following minimum requirements:

- (a) Hold a current CASA aeronautical radio operator certificate or licence ; or
- (b) Hold a valid HGFA Pilot Certificate; and
  - (iv) Have undertaken the course of instruction "VHF Radio Operator Syllabus" section [8.4.11](#); and
  - (v) Have passed an examination for the issue of a Radio Operator Endorsement or Certificate approved in writing by the HGFA Operations Manager or from another aviation administration organisation approved by the HGFA Operations Manager; and
- (c) Have his/her certificate endorsed by HGFA Operations Manager and Flight Instructor or Chief Flight Instructor who hold the endorsement being sought.

## Privileges

A HGFA Radio Operator Endorsement authorises the holder to operate on the approved aeronautical VHF radio frequencies when engaged in flying activities.

**Note:** The holder of a HGFA Radio Operator Endorsement is at all times subject to the requirements of Civil Aviation Regulations and Orders, Aeronautical Information Publications and the Radio Communications Act.

**Note:** HGFA Student Pilot Certificate holders may operate aeronautical frequency VHF radio equipment for the purpose of gaining a Radio Operator Endorsement providing they are under the direct supervision and control of an Instructor who holds the endorsement.

## Period of Validity

A HGFA Radio Operator Endorsement shall remain valid only while the holder's HGFA Pilot Certificate is valid; unless suspended, cancelled or otherwise varied by the HGFA Operations Manager.

**Note:** Radio Operator Endorsement holders should ensure that the aircraft's or the pilot's call sign is displayed in a prominent and easy to read position to assist them when using aeronautical frequency VHF radio equipment.

## Authority for Issue

The HGFA Radio Operators Endorsement may only be authorised by a HGFA Flight Instructor who holds a Radio Operators Endorsement or the HGFA Operations Manager or delegate authorised in writing by the Operation Manager.

## 6.3.6.8 Oxygen Endorsement

### Requirements for Issue

Applicants for the issue of an Oxygen Endorsement shall meet the following minimum requirements:

- (a) Hold a valid HGFA Advanced Hang Gliding or Paragliding Pilot Certificate;
- (b) Have undertaken a course of instruction in the safe use of supplementary oxygen breathing equipment conducted by an oxygen endorsed HGFA CFI;
- (c) Have successfully passed theory examinations in accordance with the requirements of section [8.4.10](#), "Oxygen", and demonstrated that he or she has reached the level of competency required, and
- (d) Have his/her certificate endorsed by an appropriate HGFA CFI Instructor.

### Privileges and Responsibilities

A HGFA Oxygen Endorsement authorises the holder to use supplementary breathing oxygen for flights greater than 10,000 feet above mean sea level.

*Note: Aircraft operated under CAO 95.10 and 95.32 are not permitted to be flown above 10 000 FT. Flights over 10,000 ft. without the carriage and use of oxygen equipment is in breach of Civil Aviation Order 95.8, This can lead to cancellation of the endorsement and or disciplinary action.*

### Period of Validity

A HGFA Oxygen Endorsement shall remain valid only while the holder's HGFA Advanced Pilot Certificate is valid; unless suspended, cancelled or otherwise varied by the HGFA Operations Manager.

### Authority for Issue

The HGFA Oxygen Endorsement may only be authorised by a HGFA Flight Instructor who holds an Oxygen Endorsement or the HGFA Operations Manager or delegate authorised in writing by the Operation Manager.

## 6.3.6.9 PPG/PPC Airframe & Engine Maintenance Endorsement.

### Requirements for Issue

An applicant for the issue of a HGFA Airframe & Engine Maintenance Endorsement shall:

- (a) have attained the age of 18 years; and
- (b) hold a current HGFA membership; and
- (c) have completed an airframe & engine maintenance course as specified and approved by the HGFA; or
- (d) hold equivalent or higher qualifications from another aviation administration organisation approved by the HGFA Operations Manager; and
- (e) have demonstrate to the HGFA Technical Officer or his/her authorised delegate or the Operation Manager or his/her authorised delegate, that he/she has reached the level of competency required for the issue of the endorsement;

### Privileges

An Airframe & Engine Maintenance Endorsement authorises the holder to conduct maintenance on HGFA PPG and PPC aircraft and to carry out independent inspections of HGFA PPG & PPC aircraft registered under CAO 95.10 or CAO 95.32

### Period of Validity

A HGFA PPG/PPC Airframe & Engine Maintenance Endorsement shall remain valid for the period of the holder's membership.

### Authority for Issue

The issue and/or removal of this endorsement may be recommended by an HGFA Technical Officer and subsequently authorised by the HGFA Operations Manager or the Operations Manager or his/her authorised delegate.

## 6.3.7 Weightshift Microlight

Certificates issued:

- (a) Student Pilot.
- (b) Weightshift Microlight Pilot.

### 6.3.7.1 Student Pilot (WM)

#### Requirements for Issue

An applicant for the issue of a Student Pilot Certificate shall:

- (c) have attained the age of 15 years and where the applicant is under the age of 18 years, written parental consent must be granted;
- (d) sign a declaration on the application form that his or her health complies with this manual, section [4.1.4](#).

#### Privileges

A Student Pilot Certificate authorises the holder to act, under the direct supervision of an approved HGFA WM Instructor who is under the supervision of an approved HGFA WM Chief Flight Instructor, as Pilot-In-Command for the purpose of:

- (e) Weightshift microlighting Pilot Certificate; or
- (f) engaging in flying practice in order to requalify for a certificate that is no longer valid.

**Note:** For the purposes of assessing his or her motivation and suitability to undergo continued flight training or as part of a recognised Weightshift Microlight Instruction Program, a person may undergo initial flight training for a maximum of 3 hours dual instruction before applying for a Student Pilot Certificate. Refer section 2.3.4..

#### Authority for Issue

The issue of Student Pilot Certificates may be authorised by the appropriate Instructor directly or as delegated (in writing) by the HGFA Operations Manager.

#### Period of Validity

Unless cancelled or suspended a Student Pilot Certificate shall remain valid for a period of 12 months or until HGFA membership requires renewal, whichever is the sooner.

### 6.3.7.2 Pilot Certificate (WM)

#### Requirements for Issue

An applicant for the issue of a Weightshift Microlight Pilot Certificate shall:

- (a) hold a valid Weightshift Microlight Student Pilot Certificate;
- (b) have attained the age of 15 years and where the applicant is under the age of 18 years, written parental consent must be granted;
- (c) sign a declaration on the application form that his or her health complies with this manual, section [4.1.4](#);
- (d) have undergone theory and practical flight training in accordance with the syllabus as defined in the *Memorandum Of Understanding* between the HGFA and RAA. HGFA Doc: MoU-01
- (e) demonstrated to an appropriate HGFA CFI, that he or she has reached the level of competency required for the issue of a Weightshift microlighting Pilot Certificate; and
- (f) be a full and current member of the HGFA.

#### Aeronautical Experience

Prior to undertaking a flight test for the issue of a Weightshift Microlight Pilot Certificate an applicant shall:

- (g) have completed a minimum of 20 hours flying experience as student pilot in command in a weightshift microlight which, does not include the number of hours dual training required prior to flying solo, however, must include a minimum of 5 hours solo flying experience under the direct supervision of a Chief Flight Instructor(WM); or



## Weightshift Microlight

- (h) if having previous flying experience in hang gliders, gliders, aeroplanes or ultralights other than weightshift microlights, have completed at least 20 hours flying experience, of which a minimum of 10 hours flying experience must be gained in weightshift microlights, and have undertaken a minimum of 5 hours dual training and a minimum of 2 hours solo flying experience in a weightshift microlight under the direct supervision of a Chief Flight Instructor (WM).

**Note:** When examining pilots with previous aeronautical experience in aircraft other than weightshift microlights, the Chief Flight Instructor shall ensure that the applicant is instructed in the main handling differences between weightshift microlights and other aircraft.

Particular attention shall be given to:

- (i) the level of understanding of the principles and limitations of weight shift controlled aircraft on the ground, in flight and during take-off and landing;
- (j) the mechanics and dynamics of weight shift control;
- (k) onset, occurrence and recovery from stalls;
- (l) avoidance of “tumbling”;
- (m) limitations of the flying envelope;
- (n) behaviour of the aircraft in power off, and sudden loss of engine power; and
- (o) the low inertia of aircraft.

### Privileges

A Weightshift Microlight Pilot Certificate authorises the holder to act as Pilot-In-Command of a weightshift microlight, subject to:

- (p) operations being limited to a distance not greater than 25 nautical miles from the training airfield; or
- (q) operations being limited to a distance not greater than 25 nautical miles from an airfield other than the training airfield where approval has been obtained from a WM CFI and training has been provided regarding the airspace within 25 nautical miles surrounding the proposed airfield; and
- (r) any additional operations for which the pilot holds a valid endorsement, other than when undergoing training for the purpose of gaining an endorsement under the supervision of an authorised HGFA WM Instructor.

**Note:** The holder of a HGFA Microlight Pilot Certificate may pilot a weightshift microlight from the front seat only: unless otherwise specified in the aeroplane's POH, or unless the holder is a qualified HGFA Weightshift microlight Apprentice Instructor, Flight Instructor or Chief Flight Instructor, or is undergoing training to gain an Apprentice Instructor Certificate under the direct supervision of a HGFA Chief Flight Instructor (WM).

### Period of Validity

Unless cancelled or suspended by the HGFA Operations Manager, a Weightshift Microlight Pilot Certificate shall remain valid for a period of 2 years from the date of issue or renewal; or until HGFA membership requires renewal, whichever is the sooner.

### Requirements for Renewal

An applicant for the renewal of a Weightshift Microlight Pilot Certificate shall:

- (s) have flown as pilot in command of a weightshift microlight on a regular basis, with a minimum of 10 hours flying as pilot in command of a weightshift microlight during the 12 months prior to the renewal date of the certificate;
- (t) have successfully complete a Biennial Flight Review (BFR), prior to renewal, with either a HGFA Instructor Examiner, or a Chief Flight Instructor or a Flight Instructor delegated (in writing) by the HGFA Operations Manager; or have gained exemption from this requirement as specified under the heading “Biennial Flight Review” below;
- (u) sign a declaration on the application form that his or her health complies with this manual, section [4.1.4](#); and,
- (v) forward the renewal application, medical declaration, check flight form and appropriate fee to reach the HGFA office at least seven (7) days prior to the expiry date.

**NOTE:** Failure to renew a Pilot Certificate by the due date means that the Certificate is no longer valid and the pilot may not exercise the privileges of the Certificate until it is renewed.

### Biennial Flight Review

The Biennial Flight Review (BFR) is a safety check designed to bring pilot and instructor together periodically for ongoing assessment of aircraft handling, current regulations and airmanship. It is however recognised that there are situations where this requirement is difficult to meet. Therefore an exemption from the requirement can be made available, where there is justified

reason to provide it. Exemption from the requirement for a Biennial Flight Check will generally only be provided in situations where there are extenuating circumstances restricting a pilot from access to an appropriate HGFA WM instructor or RA-Aus WM Instructor.

In most circumstances an application for the extension of time to arrange the BFR is all that is required and will be considered by the HGFA Operations Manager so long as commitment to set a date for the BFR is demonstrated and that date is not outside a 6 month period, starting from the initial date due.

An outright written exemption from the requirement for the BFR may otherwise be provided to such pilots upon written application to the HGFA Operations Manager where the pilot fulfils the following criteria:

- (i) can provide a justified reason in writing as to why it is impractical to the pilot to meet the requirement for the BFR; and
- (ii) has completed at least one successful BFR flight since gaining a WM Pilot Certificate; and
- (iii) can provide evidence (copy of logged hours) of having maintained flying currency; or
- (iv) has completed a weightshift microlight pilot certificate or endorsement within the last two years.

### Authority for Issue

The issue of a Weightshift microlight Pilot Certificate may only be authorised by a HGFA WM Chief Flight Instructor or as delegated by the HGFA Operations Manager

## 6.3.8 Weightshift Microlight Pilot Endorsements

### 6.3.8.1 Cross Country Endorsement (WM)

No HGFA pilot certificate holder shall act as pilot in command of a WM aircraft at a distance greater than 25 nautical miles from the first airfield of departure;

- (i) unless he or she is the holder of a valid WM Cross Country Endorsement; or
- (ii) flight training exercises are being conducted under the supervision and control of a FI or CFI.

### Requirements for Issue

Applicants for the issue of a WM Cross Country Endorsement shall meet the following minimum requirements:

- (w) Have accumulated a minimum of 10 hours cross country navigation, of which at least 4 hours was completed with formal instruction, and 1 hour solo (pilot-in-command) to demonstrate competency;
- (x) Reach the standard required as specified in “ WM Pilot Training Syllabus” (section [8.4.4](#)) and pass the written examination on the topics nominated in the syllabus, of basic aeronautical knowledge as required for this endorsement; or
- (y) hold an RA-Aus Cross Country Endorsement; and
- (z) have his or her certificate application endorsed by a HGFA WM Chief Flight Instructor.

### Authority for Issue

A HGFA WM Cross Country Endorsement may be authorised in writing by a HGFA Chief Flight Instructor who holds a certificate of the kind to be issued.

### Period of Validity

A HGFA WM/ Cross Country Endorsement shall remain valid only while the holder's HGFA WM/ Pilot Certificate is valid, unless suspended, cancelled or otherwise varied by the HGFA Operations Manager.

### 6.3.8.2 Tandem Endorsement - (WM)

#### Requirements for Issue

Applicants for the issue of a WM Tandem endorsement shall meet the following minimum requirements:

- (a) Hold a valid HGFA WM Pilot Certificate;
- (b) Have accumulated a minimum of 10 hours as Pilot-In-Command of a WM aircraft;

- (c) Undertake a Flight Test with a HGFA Chief Flight Instructor to demonstrate competency in passenger safety and comfort as specified in the Tandem (WM) syllabus, section [8.4.14](#); and
- (d) Have his or her certificate application endorsed by a Chief Flight Instructor (WM).
- (e) sign a declaration on the application form that his or her health complies with this manual, section [4.1.4](#); and
- (f) forward a completed application form and the appropriate fee to the HGFA Office.

### Period of Validity

A WM Tandem Endorsement shall remain valid:

- (g) while the holder's WM Pilot Certificate is valid; and
- (h) while the holder's health standard complies with section [4.1.4](#) of this manual; or
- (i) unless suspended, cancelled or otherwise varied by the HGFA Operations Manager.

### Currency Requirements

Prior to the conduct of Tandem operations, a Tandem Endorsement holder shall have completed not less than three take-offs and three landings in a WM aircraft in the last 90 day period.

### Privileges

A WM Tandem Endorsement authorises the holder to act as Pilot-In-Command of a suitable certified WM aircraft carrying a passenger subject to:

- (j) no charge or instruction is applied to the passenger; and
- (k) where the passenger is under 18 years of age, parental or guardian consent is granted.

### Authority for Issue

The issue of a WM Tandem Endorsement may be authorised by the HGFA Operations Manager or delegated in writing.

### Carriage of Passengers

HGFA pilots shall not carry passengers in a HGFA registered weightshift microlight unless:

- (l) the aircraft used is rated to carry passengers and is certified, refer to section [9.3](#).
- (m) he or she is the holder of a valid Tandem endorsement for the aircraft type issued by HGFA;

**Note:** *The aircraft must be rated to carry the combined weight of the Pilot, Passenger / Student and any Motor options for the type of launch and landing operation being operated;*

- (n) The aircraft used has been inspected and maintained in accordance with the requirements of;
  - (i) Assembly, Inspection and Maintenance Standards, see [9.6](#);
  - (ii) The Aircraft Operator's Manual; and
  - (iii) Technical notices / bulletins.
- (o) Where the Passenger is under 18 years of age, written parental or guardian consent is required.
- (p) Passengers shall not be carried for hire or reward unless the flight is for bona fide instructional purposes.

### **6.3.8.3 Aerotow Launch - Tugmaster (WM)**

No person shall pilot a weightshift microlight for the purpose of an aerotow launch unless:

- (a) he or she has been issued with a HGFA Tugmaster Endorsement; or
- (b) he or she is undergoing training under the direct supervision and control of an appropriately endorsed HGFA Instructor for the purpose of gaining a Tugmaster Endorsement; and
- (c) all operations comply with all the requirements of the HGFA Towing Procedures Manual.

### Requirements for Issue

Applicants for the issue of a Tugmaster endorsement shall meet the following minimum requirements:

- (d) hold a valid HGFA WM / RA-Aus Group B Pilot Certificate;
- (e) have accumulated a minimum of 50 hours as pilot in command of a weightshift microlight; and

- (f) have undertaken a course of instruction in aerotow operations (section [8.4.3](#)) & demonstrated to an appropriately endorsed HGFA Instructor, his or her ability to perform safe and smooth aerotowing operations in a variety of conditions; and
- (g) have attained the age of 18 years; and
- (h) have his or her endorsement recommendation by an appropriately endorsed HGFA Instructor.

### Privileges and Responsibilities

A Tugmaster endorsed pilot will undertake to carry out aerotow operations subject to the following conditions:

- (i) The aircraft is registered and airworthy, is approved for the aerotowing of hang gliders and has an approved and tested tow release system installed;
- (j) The hang glider pilot is a current HGFA member and holds a valid HGFA Pilot Certificate with an Aerotow Endorsement (or is undergoing training to gain an Aerotow Endorsement under the supervision of an appropriately endorsed HGFA Instructor);
- (k) The aerotow operations are carried out in accordance with the HGFA Towing Procedures Manual; and
- (l) All operations are carried out to ensure the safety of the aircraft; and to minimise hazard to persons, and/ or property.

### Period of Validity

A HGFA Tugmaster Endorsement shall remain valid only while the holder's HGFA WM Pilot Certificate is valid, unless suspended, cancelled or otherwise varied by the HGFA Operations Manager.

### Currency Requirements

Prior to the conduct of aero towing operations, a Tugmaster Endorsement holder shall have completed not less than three take-offs and three landings in the aircraft to be used in the last 90 day period.

### Authority for Issue

A HGFA Tugmaster Endorsement may only be authorised by a HGFA Chief Flight Instructor (WM) who holds a Tugmaster Endorsement or the HGFA Operations Manager or delegate authorised in writing by the Operation Manager.

## **6.3.8.4 Formation Endorsement (WM)**

### Formation Flying

No HGFA pilot certificate holder shall pilot a powered aircraft which is flying closer than 100 feet to another powered or unpowered aircraft unless he or she has been issued with a Formation Endorsement by the HGFA or he or she is undergoing flight training under the direct supervision and control of a WM Chief Flight Instructor for the purpose of gaining a Formation Endorsement.

Formation flight shall not be conducted without a comprehensive ground briefing between all participants.

### Requirements for Issue

Applicants for the issue of a Formation Flying Endorsement shall meet the following minimum requirements:

- (a) Hold a valid HGFA WM Pilot Certificate; and
- (b) Have accumulated a minimum of 75 hours as Pilot-In-Command of a WM aircraft; and
- (c) Have attained the age of 18 years; and
- (d) Have passed the Formation Flying syllabus in accordance with section [8.4.5](#);
- (e) Have accumulated a minimum of 5 hours formation flying (under supervision), of which at least 4 hours was completed with formal instruction, and 1 hour solo (pilot-in-command) to demonstrate competency; and
- (f) Have his or her certificate application endorsed by a WM Chief Flight Instructor who holds a Formation Endorsement, and
- (g) forward the completed application form together with medical declaration and the appropriate fee to the HGFA Office.

### Period of Validity

A HGFA WM Formation Endorsement shall remain valid only while the holder's HGFA WM Pilot Certificate is valid, unless suspended, cancelled or otherwise varied by the HGFA Operations Manager.

## Authority for Issue

A HGFA Formation Endorsement may be authorised in writing by a HGFA Flight Instructor who holds a current Formation endorsement for WM

### 6.3.8.5 Radio Operator Endorsement

No HGFA Pilot Certificate holder shall operate aeronautical frequency VHF radio equipment unless he or she has been issued with a HGFA Radio Operator Endorsement, or is undergoing training under the direct supervision and control of an appropriately endorsed Instructor or SSO for the purpose of gaining a HGFA radio operator endorsement.

#### Requirements for Issue

Applicants for the issue of a Radio Operator Endorsement must be able to intelligibly speak and understand the English language and shall meet the following minimum requirements:

- (h) Hold a current CASA aeronautical radio operator certificate or licence ; or
- (i) Hold a valid HGFA Pilot Certificate; and
- (j) Have undertaken the course of instruction “VHF Radio Operator Syllabus”, section [8.4.11](#); and
- (k) Have passed an examination for the issue of a Radio Operator Endorsement or Certificate approved in writing by the HGFA Operations Manager or from another aviation administration organisation approved by the HGFA Operations Manager; and
- (l) Have his/her certificate endorsed by HGFA Operations Manager and Flight Instructor or Chief Flight Instructor who hold the endorsement being sought.

#### Privileges

A HGFA Radio Operator Endorsement authorises the holder to operate on the approved aeronautical VHF radio frequencies when engaged in flying activities.

**Note:** The holder of a HGFA Radio Operator Endorsement is at all times subject to the requirements of Civil Aviation Regulations and Orders, Aeronautical Information Publications and the Radio Communications Act.

**Note:** HGFA Student Pilot Certificate holders may operate aeronautical frequency VHF radio equipment for the purpose of gaining a Radio Operator Endorsement providing they are under the direct supervision and control of an Instructor who holds the endorsement.

#### Period of Validity

A HGFA Radio Operator Endorsement shall remain valid only while the holder's HGFA Pilot Certificate is valid; unless suspended, cancelled or otherwise varied by the HGFA Operations Manager.

**Note:** Radio Operator Endorsement holders should ensure that the aircraft's or the pilot's call sign is displayed in a prominent and easy to read position to assist them when using aeronautical frequency VHF radio equipment.

#### Authority for Issue

The HGFA Radio Operators Endorsement may only be authorised by a HGFA Flight Instructor who holds a Radio Operators Endorsement or the HGFA Operations Manager or delegate authorised in writing by the Operation Manager.

### 6.3.8.6 Oxygen Endorsement

#### Requirements for Issue

Applicants for the issue of an Oxygen Endorsement shall meet the following minimum requirements:

- (m) Hold a valid HGFA Advanced Hang Gliding or Paragliding Pilot Certificate;
- (n) Have undertaken a course of instruction in the safe use of supplementary oxygen breathing equipment conducted by an oxygen endorsed HGFA CFI;
- (o) Have successfully passed theory examinations in accordance with the requirements of section [8.4.10](#), “Oxygen”, and demonstrated that he or she has reached the level of competency required, and
- (p) Have his/her certificate endorsed by an appropriate HGFA CFI.

## Privileges and Responsibilities

A HGFA Oxygen Endorsement authorises the holder to use supplementary breathing oxygen for flights greater than 10,000 feet above mean sea level.

*Note: Aircraft operated under CAO 95.10 and 95.32 are not permitted to be flown above 10 000 FT. Flights over 10,000 ft. without the carriage and use of oxygen equipment is in breach of Civil Aviation Order 95.8, This can lead to cancellation of the endorsement and or disciplinary action.*

## Period of Validity

A HGFA Oxygen Endorsement shall remain valid only while the holder's HGFA Advanced Pilot Certificate is valid; unless suspended, cancelled or otherwise varied by the HGFA Operations Manager.

## Authority for Issue

The HGFA Oxygen Endorsement may only be authorised by a HGFA Flight Instructor who holds an Oxygen Endorsement.

### **6.3.8.7 WM Airframe & Engine Maintenance Endorsement.**

#### Requirements for Issue

An applicant for the issue of a HGFA Airframe & Engine Maintenance Endorsement shall:

- (a) have attained the age of 18 years; and
- (b) hold a current HGFA membership; and
- (c) have completed an airframe & engine maintenance course as specified and approved by the HGFA; or
- (d) hold equivalent or higher qualifications from another aviation administration organisation approved by the HGFA Operations Manager; and
- (e) have demonstrate to the HGFA Technical Officer or his/her authorised delegate or the Operation Manager or his/her authorised delegate, that he/she has reached the level of competency required for the issue of the endorsement;

#### Privileges

An Airframe & Engine Maintenance Endorsement authorises the holder to conduct maintenance on HGFA WM aircraft and to carry out independent inspections of HGFA WM aircraft registered under CAO 95.10 or CAO 95.32

#### Period of Validity

A HGFA WM Airframe & Engine Maintenance Endorsement shall remain valid for the period of the holder's membership.

#### Authority for Issue

The issue and/or removal of this endorsement may be recommended by an HGFA Technical Officer and subsequently authorised by the HGFA Operations Manager or the Operations Manager or his/her authorised delegate.

## 6.4 Ratings

### 6.4.1 Safety Officers

Safety Officer Appointments are made as follows:

- (a) Hang Glider Safety Officer
- (b) Paraglider Safety Officer
- (c) Powered Paraglider Safety Officer
- (d) Powered Hang Glider Safety Officer
- (e) Weightshift Microlight Safety Officer

**Note:** The appointment of Safety Officers is only effective for those sites and operations controlled by the nominating club.

#### Requirements for Appointment

An applicant for appointment as a Safety Officer shall:

- (f) Hold a valid HGFA Intermediate HG, Advanced HG, PG4, PG5, WM or PPG Pilot Certificate with an appropriate Tow or Cross Country endorsement, for supervision of these operations, if/where required;
- (g) Have a genuine regard for safety and a demonstrated attitude of willing helpfulness;
- (h) Have substantial operating experience and local knowledge of operations at the sites for which the appointment is sought;
- (i) have had a minimum of two years of active operating experience as a pilot in command of the craft for which rating is sought;
- (j) Have attended an approved HGFA or Club workshop for Safety Officers within the last 12 months, or
- (k) Attended an approved HGFA or Club workshop for Safety Officers within the 2 months of Safety Officer application approval.
- (l) Have attained the age of 18 years;
- (m) Submit a completed application form to the HGFA affiliated club; and

#### Safety Officer Responsibilities

Safety Officers should:

- (n) act as Duty Pilot on request or as required; and
- (o) assist a Duty Pilot where necessary
- (p) Undergo training to attain a Workplace Level 2 First Aid Certificate, Senior First Aid Certificate or HGFA recognised equivalent.
- (q) adhere to the requirements stipulated in the Safety Management Systems (Doc. SMS-05). (See [1.3](#) - Operational Documents Register).
- (r) immediately report accidents/incidents as stipulated in section 3.2.

**Note:** Failure to report accidents / incidents is a breach of the TSI Act 2003. A breach can give cause for disciplinary action, including suspension of ratings.

#### Authority

A Safety Officer has full authority for any reasonable action necessary to discharge their responsibilities subject to any:

- (s) statutory limitations;
- (t) limitations imposed by the constitution of HGFA;
- (u) limitations imposed in his/her notification of appointment; and
- (v) specific limitations imposed by a Duty Pilot.

#### Period of Validity

Unless cancelled or suspended by the issuing club the appointment of Safety Officer shall remain valid for a period of 4 years from the date of issue or renewal providing all required qualifications are maintained current and valid.

## Requirements for Renewal

An applicant for the renewal of a Safety Officer appointment shall:

- (w) Have attended an approved Safety Officer workshop within the two year period prior to the application for renewal;
- (x) Hold a current Workplace Level 2 First Aid Certificate, Senior First Aid Certificate or HGFA recognised equivalent.
- (y) Apply to the appropriate club for renewal of the appointment; and
- (z) Have displayed and actively undertaken the responsibilities of a Safety Officer.

## Authority for Appointment

The appointment of a Safety Officer may only be authorised by a Club or Association affiliated with the HGFA.

## 6.4.2 Senior Safety Officers

Safety Officer Appointments are made as follows:

- (a) Hang Glider Safety Officer
- (b) Paraglider Safety Officer
- (c) Powered Paraglider Safety Officer
- (d) Powered Hang Glider Safety Officer
- (e) Weightshift Microlight Safety Officer

One or more Senior Safety Officers are appointed for each club affiliated with the HGFA to assist in the supervision of operations at sites controlled by the club.

## Requirements for Appointment

An applicant for appointment as a Senior Safety Officer shall:

- (f) Hold a valid HGFA Intermediate HG, Advanced HG, PG4, PG5, WM or PPG Pilot Certificate with an appropriate Tow or Cross Country endorsement for supervision of these operations, if/where required;
- (g) have a genuine regard for safety and a demonstrated attitude of willing helpfulness;
- (h) have had a minimum of four years of active operating experience as a Safety Officer;
- (i) have participated in the conduct of an approved HGFA or Club workshop for Safety Officers, within the last 24 months;
- (j) have attained the age of 21 years;
- (k) be recommended for the appointment by their club thorough submission of a completed application form to the HGFA Operations Manager; and
- (l) Hold a current Workplace Level 2 First Aid Certificate, Senior First Aid Certificate or HGFA recognised equivalent.

## Responsibilities

Senior Safety Officers will undertake to carry out the following duties, for which they are responsible to the HGFA Operations Manager:

- (m) Assist the club to prepare a roster of Duty Pilots if necessary for operations at sites under the control of the club;
- (n) Assist the club to formulate recommendations to the HGFA Operations Manager for the improvement of HGFA documentation, standards or procedures as is considered necessary to improve safety;
- (o) Recommend the approval for the issuance of Intermediate HG, Advanced HG, PG4 or PG5 Pilot Certificates, and endorsements, to HGFA members; and
- (p) Ensure that club members are provided with an opportunity to undertake examinations as required for the issue of pilot certificates and endorsements.
- (q) adhere to the requirements stipulated in the Safety Management Systems (Doc. SMS-05). (See [1.3](#) - Operational Documents Register).
- (r) Immediately report accidents/incidents as stipulated in section [3.2](#).



**Note:** Failure to report accidents / incidents is a breach of the TSI Act 2003. A breach can give cause for disciplinary action, including suspension of ratings.

### Authority

A Senior Safety Officer has full authority for any reasonable action necessary to discharge their responsibilities subject to any:

- (s) statutory limitations;
- (t) limitations imposed by the constitution of HGFA; and
- (u) limitations imposed in his/her notification of appointment.

### Period of Validity

Unless cancelled or suspended by the HGFA Operations Manager the appointment of Senior Safety Officer shall remain valid for a period of four years from the date of issue or renewal providing all required qualifications are maintained current and valid.

### Requirements for Renewal

An applicant for the renewal of a Senior Safety Officer appointment shall:

- (v) have participated in the conduct of an approved Safety Officer workshop within the two year period prior to the application for renewal;
- (w) be recommended by the appropriate club for renewal of the appointment; and
- (x) have displayed the qualities, and actively undertaken the responsibilities of a Senior Safety Officer.
- (y) hold a current Workplace Level 2 First Aid Certificate, Senior First Aid Certificate or HGFA recognised equivalent.

### Authority for Appointment

The appointment of a Senior Safety Officer may only be authorised by the HGFA Operations Manager.

## 6.4.3 Aircraft Inspector

Aircraft Inspector ratings are made as follows:

- (a) Powered Paraglider & Powered Parachute Aircraft Inspector **(AI-PPG/PPC)**
- (b) Weightshift Microlight Aircraft Inspector **(AI-WM)**

### Requirements for Issue

An applicant for the issue of a HGFA Aircraft Inspector rating shall:

- (d) have attained the age of 18 years; and
- (e) hold a current HGFA membership; and
- (f) have completed a HGFA approved maintenance course, relevant to the aircraft they will be inspecting; or
- (g) hold equivalent or higher qualifications from another aviation administration organisation approved by the HGFA Operations Manager; and
- (h) demonstrate to an HGFA Technical Officer or his/her authorised delegate or the Operation Manager or his/her authorised delegate, that he/she has reached the level of competency required for the issue of the rating;

### Privileges

An Aircraft Inspector rating authorises the holder to carry out independent inspections of HGFA aircraft registered under CAO 95.10 or CAO 95.32

**Note: Inspection capabilities are limited to the aircraft type for which the Aircraft Inspector rating is held**

**The rating does not qualify the holder to carryout aircraft maintenance.**

## Period of Validity

An Aircraft Inspector rating shall remain valid for the period of the holder's membership

## Authority for Issue

The issue and/or removal of an Aircraft Inspector rating may be recommended by an HGFA Technical Officer and subsequently authorised by the HGFA Operations Manager or the Operations Manager or his/her authorised delegate.

## 6.4.4 AIRS Manager

AIRS Manager Appointments are recommended by a Club or SRA, affiliated with the HGFA, to assist in the investigation of Accidents and Incidents and management of operations at sites controlled by a club or SRA.

### Requirements for Appointment

An applicant for appointment as an AIRS Manager shall:

- (a) Hold a valid HGFA Intermediate or Advanced HG, PG4, PG5, WM or PPG Pilot Certificate; and
- (b) have a genuine regard for safety and a demonstrated attitude of willing helpfulness; and
- (c) have participated in the conduct of a Club or SRA workshop for Safety Officers, within the last 24 months; and
- (d) be recommended for the appointment by their Club or SRA thorough submission of a completed application form to the HGFA Operations Manager; and
- (e) Hold qualifications relevant to the investigation of accidents/incidents or are willing to undergo training to attain these qualifications, within 12 months of appointment, on a course approved by the Operations Manager.

**NOTE:** Exemptions to any of the above requirements may be granted by the Operations Manager, subject to an appropriate explanation within the Club or SRA's application for appointment.

### Responsibilities

The AIRS Manager will undertake to carry out the following duties, for which they are responsible to the HGFA Operations Manager:

- (f) Immediately report accidents/incidents as stipulated in section [3.2](#).
- (g) with the assistance of Senior Safety Officers and/or Safety Officers, investigate accidents and incidents with the intention of identifying the root cause. ([See Definitions](#))
- (h) In the case of an accident or incident under their jurisdiction, investigating ATSB officials and/or Police Officers are to be assisted by the AIRS Manager, assisting with access to all relevant areas of the accident site and relevant HGFA members involved in the event.
- (i) Update AIRS accident/Incident reports, as investigations proceed and maintain copies of any relevant documentation, to be included with the AIRS report.
- (j) Assist with the dissemination of safety education material, which may include findings and recommendations pertaining to an accident/incident.
- (k) Adhere to and actively promote the use of the HGFA Safety Management Systems (Doc. SMS-05). (See [1.3](#) - Operational Documents Register).
- (l) Assist a club to formulate recommendations to HGFA Management for the improvement of HGFA documentation, standards or procedures considered in the interests of efficiency and/or to enhance safety;

HGFA AIRS Managers are honorary members donating their time for the betterment of the organisation and the enhancement of air safety. Members are encouraged to assist AIRS Managers to identify the root cause of dangerous occurrences, in the interests of preventing a similar occurrence.

## Authority

An AIRS Manager has authority to undertake any reasonable safety-related action necessary to discharge their responsibilities, subject to any:

- (m) statutory limitations;
- (n) limitations imposed by the constitution of HGFA; and
- (o) limitations imposed and stipulated by the Operations Manager, on the approved application/notification of appointment form.

## Period of Validity

Unless cancelled or suspended by the HGFA Operations Manager, the appointment of AIRS Manager shall remain valid for a period of four years from the date of issue or renewal providing HGFA membership and all required qualifications are maintained current and valid.

## Requirements for Renewal

An applicant for the renewal of an AIRS Manager appointment shall:

- (p) have participated in the conduct of an approved Safety Officer workshop within a two year period prior to the application for renewal;
- (q) be recommended by the appropriate club for renewal of the appointment; and
- (r) have displayed the qualities and actively undertaken the responsibilities of an AIRS Manager.

## Authority for Appointment

The appointment of an AIRS Manager may only be authorised by the HGFA Operations Manager or delegate authorised in writing by the Operation Manager.