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2. Gyroplane - Novice Pilot Certificate

1. Object

The object of this section is to specify:

- (a) the requirements for issue
- (b) the recent experience requirements;
- (c) the requirements for renewal; and
- (d) the privileges of the Novice Pilot Certificate.

1.1 Requirements for issue

An applicant for the issue of a Novice Pilot Certificate must meet the requirements relating to age and provide a medical declaration (as set out in Section 5.4).

1.2 Recent Experience Requirements

1.2.1 The holder of the Novice Pilot Certificate must not exercise the privileges of their certificate:

- (a) To engage in solo flight unless he/she is the holder of a signed and valid solo authorisation form, and that he/she has signed a pilot declaration (SAC Form 8.7);
- (b) The holder of a Novice Pilot Certificate will not be entitled to hold a solo authorisation form until he/she has received either flight or ground instruction from a Microlight instructor in the following exercises:
 - (i) Assembly and pre-flight of microlight gyroplane;
 - (ii) Ground handling;
 - (iii) Taxiing;
 - (iv) Effect of Controls;
 - (v) Straight and level flight;
 - (vi) Climbing and descending;
 - (vii) Level climbing and descending turns;
 - (viii) Slow speed flight;
 - (ix) Takeoff, circuit and landing;
 - (x) Going around again;
 - (xi) Engine failure both during and after takeoff;

- (xii) Rules of the Air;
- (xiii) Rotor Handling;
- (xiv) PIO recognition and recovery.

1.3 Requirements for Revalidation

- 1.3.1 An applicant for the revalidation of a Novice Pilot Certificate must satisfy the Sport Aviation Corp. that they have a current medical declaration, and a current solo authorisation signed by an instructor.
- 1.3.2 Examples of both the solo authorisation form and the pilot declaration are shown in SAC Form 8.7.

1.4 Privileges

- 1.4.1 A Novice Pilot Certificate authorises the holder to act, under the supervision of an instructor, as pilot-in-command of a Microlight gyroplane that is not carrying a passenger for the purposes of:
 - (a) increasing their skill in order to qualify for the issue of certificate of higher qualification; or
 - (b) engaging in flying practice in order to qualify for a certificate that is no longer valid.

Note: The prohibition against the carriage of a passenger by the holder of a Novice Pilot Certificate shall not apply to the carriage of an instructor.

3. Gyroplane - Intermediate Pilot Certificate

1. *Requirements for Issue*

- 1.1 An applicant for the issue of an intermediate Pilot Certificate:
- (a) Must hold a valid Novice Pilot Certificate or must hold a valid Flight Crew licence in any other aircraft type category; and
 - (b) Must demonstrate to an instructor:
 - (i) Their general knowledge and ability to perform competently those normal and emergency flight manoeuvres applicable to the type of Microlight gyroplane on which they are being flight tested;
 - (ii) Flight tests conducted on single seat microlight gyroplane must include all elements of the flight test syllabus. The applicant must be briefed by the examiner to carry out the various manoeuvres to a sequence in an area in the examiners field of view.
- 1.2 The syllabus for the flight test is set out in Section 6.1 – 3.2.
- 1.3 Prior to undertaking the flight test for an Intermediate Pilot Certificate an applicant will be required to pass a written examination in the following subjects:
- (a) Aviation Law;
 - (b) Microlight Air Navigation;
 - (c) Meteorology;
 - (d) Aircraft Technical Knowledge - Microlight Aircraft (Gyroplanes)
- 1.4 When the applicant for the issue of an Intermediate Pilot Certificate is the holder of a valid Private Pilots Licence – Aeroplane or Intermediate /Advanced Microlight certificate group 'B' they will only be required to:
- (a) complete a minimum of two hours microlight gyroplane type conversion; and

- (b) Pass the SAC Gyroplane technical knowledge exam and
- (c) have their logbooks endorsed for the rating group of the aircraft they have converted to.

Rotorcraft
Helicopters - Refer Section 6.2

- 1.5 The detailed syllabus of examination in the above subject is set out in Section 6.1 – 3.1.
- 1.6 Prior to undertaking a flight test for an Intermediate Pilot Certificate an applicant must:
 - (a) have completed at least 25 hours flight experience in a gyroplane; or
 - (b) if having obtained a PPL(H) or higher qualification, have completed gyroplane Type Rating training with a SAC instructor.

2. Privileges

- 2.1 An Intermediate Pilot Certificate permits the holder to fly within 10nm of his/her original takeoff point at his/her own discretion. For greater distance he/she still requires written approval from an instructor. This may be noted by the Instructor on Form 8.7.

2.2 Rotorcraft

Helicopters - Refer Section 6.2

3. Carriage of Passengers

- 3.1 Pilots wishing to carry passengers must have demonstrated to a Sport Aviation Corp. instructor competency in a two-seat Gyroplane and have 35 hours PIC minimum. Holders of valid Flight Crew Licences issued under Part 61 must have completed a type conversion and a minimum of 2 hours pilot-in-command of a Gyroplane.
- 3.2 The holder of an intermediate Pilots Certificate or higher must carry out at least three take-offs and landings in each 90 day period in order to remain current before carrying passengers.

4. Gyroplane - Advanced Pilot Certificate

1. Object

The object of this section is to specify:

- (a) the requirement for issue;
- (b) the recent experience requirements;
- (c) the requirements for renewal; and
- (d) the privileges of the Advanced Pilot Certificate.

2. Requirements for Issue

2.1 An applicant seeking withdrawal of the restricted category of his/her Intermediate Pilot Certificate:

- (a) Must complete the cross-country as set out in Section 6.1 – 4.1.
- (b) Must demonstrate to a person approved for the purpose:
 - (i) His/her general knowledge and ability to perform competently such normal and emergency flight manoeuvres as may be considered necessary for the issue of an Advanced Pilot Certificate.

3. Recent Experience Requirements

3.1 The holder of an Advanced Pilot Certificate must carry out at least three takeoffs and landings in a Gyroplane in each 90 day period in order to remain current before carrying passengers.

4. Requirements for Renewal

4.1 An applicant for the renewal of an Advanced Pilot Certificate must satisfy the Sport Aviation Corp. that he/she has a current medical declaration.

4.2 An applicant for the renewal of an Advanced Pilot Certificate must submit certification that, within 90 days preceding the

date of renewal, he/she has successfully demonstrated competency in accordance with the flight test requirements set out in Section 6.1 – 3.2 to a person designated by the Sport Aviation Corp. for this purpose.

4.2 The Advanced Pilot Certificate will be valid for two years.

5. *Advanced Pilot Certificate – Ratings*

5.1 An Advanced Pilot Certificate shall be endorsed with ratings in accordance with the schedule below:

- (a) **Group A:** Valid for the operation of Weight Shift Microlight Aircraft only.
- (b) **Group B:** Valid for the operation of Three Axis Control Microlight Aircraft only.
- (c) **Group C:** Valid for the operation of Combined Control Microlight Aircraft only.
- (d) **Group G:** Valid for the operation of Microlight Gyroplanes only.
- (e) **Group H:** Valid for the operation of Microlight Helicopters only.
- (f) **Group P:** Valid for the operation of Powered Parachutes only
- (g) **Group J:** Valid for the operation of Microlight Jet Packs only.
- (h) **High performance Microlights** of all the above groups are subject to type ratings. Refer Section 1 - 5.

6. *Privileges*

6.1 An Advanced Pilot Certificate authorises the holder to operate, but not for remuneration, as pilot-in-command of a Microlight gyroplane totally independent of an instructor. The licence should be endorsed not for the carriage of passengers unless the requirements of Para. 7 below are met.

7. Carriage of Passengers

- 7.1 Pilots wishing to carry passengers must have demonstrated to a Sport Aviation Corp. instructor competency in a two-seat Gyroplane and have 35 hours PIC minimum. Holders of valid Flight Crew Licences issued under Part 61 must have completed a type conversion and a minimum of 2 hours pilot-in-command of a Gyroplane. The holder of an Advanced Pilots Certificate must carry out at least three take-offs and landings in a gyroplane in each 90 day period in order to remain current before carrying passengers.

Rotorcraft

Helicopters - Refer Section 6.2

- 7.3 Following the successful completion of this flight test a new certificate will be issued.

8. Test Pilot Certificate

- 8.1 Any holder of a gyroplane instructor rating or a person approved in writing (by a SAC ATO "Group G" or the SAC Operations Officer) may act as a test pilot.

5. Gyroplane Flying Instructor Certificate

1. *Requirements for Issue*

1.1 Prior to undertaking a flight test for a Microlight Instructors Certificate (Gyroplane) an applicant must have completed:

- (a) Not less than 150 hours pilot-in-command gyroplane; or
- (b) Not less than 100 hours pilot-in-command of a rotary winged aircraft if the applicant is the holder of a current PPL(H); or
- (c) Type rating training only required if the applicant is the holder of a current CPL(H) A, B or C Category instructors rating.
- (d) Holders of a current gyroplane Instructor rating who have continued to meet all the conditions which were required when it was originally issued will retain the certificate regardless of any changes in experience requirements.

1.2 Authorised Testing Officer

Qualifications

- (a) Minimum flight requirements will be 500 hours pilot-in-command and the holder of a Senior Flight Instructor Gyroplane Certificate.
- (b) Holders of a current Authorised Testing Officer Gyroplane rating who have continued to meet all the conditions which were required when it was originally issued will retain the certificate regardless of any changes in experience requirements.