

**CAR-MLA**

**MICROLIGHT AEROPLANES CERTIFICATION AND OPERATING RULES  
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**FOREWORD**

(a) The Civil Aviation Requirements for the operation of microlight aeroplanes have been issued by the Civil Aviation Affairs of Oman (hereinafter called the AUTHORITY) under the provisions of the Civil Aviation Law of the Sultanate of Oman.]

(b) Definitions and abbreviations of terms used in CAR-MLA that are considered generally applicable are contained in CAR-1, Definitions and Abbreviations. However, definitions and abbreviations of terms used in CAR-MLA that are specific to a Subpart of CAR-MLA are normally given in the Subpart concerned or, exceptionally, in the associated compliance or interpretative material.

(c) Where reference is made in CAR-MLA to other CAR codes which have not yet been implemented the equivalent existing regulations will apply until such time as the referenced code has been implemented.

(d) Amendments to the text in CAR-MLA are issued as amendment pages containing revised paragraphs.

New, amended and corrected text will be enclosed within brackets until a subsequent 'Change' is issued.

(e) The editing practices used in this document are as follows:

- (1) 'Shall' is used to indicate a mandatory requirement and may appear in CARs.
- (2) 'Should' is used to indicate a recommendation and normally appears in AMCs and IEMs.
- (3) 'May' is used to indicate discretion by the Authority, the industry or the applicant, as appropriate.
- (4) 'Will' indicates a mandatory requirement and is used to advise of action incumbent on the Authority.

*NOTE: The use of the male gender implies the female gender and vice versa.*

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**SUBPART A – APPLICABILITY**

## CAR-MLA.001 Applicability

(a) This CAR prescribes:

- (1) rules, additional to CAR-OPS 0, for the operation of microlight aeroplanes; and
- (2) exceptions from CAR-OPS 0, for the operation of microlight aeroplanes; and
- (3) the airworthiness and maintenance requirements for microlight aeroplanes; and
- (4) rules governing the operation of microlight organisations certificated under this CAR.

(b) Microlight aeroplanes may only be operated for non-commercial recreational purposes.

**CAR-MLA.002        Definitions**

**Microlight** is an aeroplane having no more than two seats,  $V_{SO}$  not exceeding 35 knots (65 KM/h) CAS, and a maximum take-off mass of no more than:-

- 300 kg for a landplane, single seater; or
- 450 kg for a landplane, two-seater; or
- 330 kg for an amphibian or floatplane, single seater; or
- 495 kg for an amphibian or floatplane, two-seater, provided that a microlight capable of operating as both a floatplane and a landplane falls below both MTOM limits, as appropriate.

*Note: Foot-launched aeroplanes are excluded from this definition.*

**Certificate**, in relation to a microlight, or a personnel qualification required by this CAR, means a certificate issued by the holder of a delegation from the Authority for that purpose.

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**SUBPART B -- GENERAL****CAR-MLA.010 Registration**

(a) Each applicant for the grant of a certificate of registration under CAR 47 for a microlight aeroplane shall provide the Authority with evidence that the aeroplane meets:

- (1) basic low performance and momentum parameters that are acceptable to the Authority for a microlight aeroplane; or
- (2) a type design standard listed in CAR-MLA.125(a)(1)(ii).

(b) Each operator of a microlight aeroplane accepted for registration shall ensure that the aeroplane continues to conform to the requirements of paragraph (a).

**CAR-MLA.011 Aeroplane flight manual**

The requirements of CAR-OPS 0.045 shall not apply to a person operating a microlight aeroplane.

**CAR-MLA.012 Documents to be carried**

(a) The requirements of CAR-OPS 0.050 shall not apply to a person operating a microlight aeroplane.

(b) No person shall operate a microlight aeroplane unless the flight permit required by CAR-MLA.115(b) is carried in the aeroplane.

**CAR-MLA.013 Placards**

(a) Each operator of a two-seater microlight aeroplane shall ensure that a legible placard is installed in clear view of the pilot stating:

- (1) the certificated or design gross weight, whichever is the lesser; and
- (2) the maximum and minimum payload for the aeroplane.

(b) Each operator of a two-seater microlight aeroplane shall ensure that a legible placard is installed in clear view of the seated passenger

- (1) with a title advising that the placard is a passenger warning; and
- (2) stating that the aircraft does not require an airworthiness certificate

**CAR-MLA.014      Safety inspections and audits**

- (a) The Authority may in writing require the holder of a microlight organisation certificate to undergo or carry out such inspections and audits of the holder's facilities, documents, and records as the Authority considers necessary in the interests of civil aviation safety and security.
  
- (b) The Authority may require the holder of a microlight organisation certificate to provide such information as the Authority considers relevant to the inspection or audit.



**SUBPART C - CERTIFICATION REQUIREMENTS****CAR-MLA.020 Personnel requirements**

(a) Each applicant for the grant of a microlight organisation certificate shall have available the services of, or in their employment, the following personnel:

(1) a senior person identified as the Accountable Manager who has the authority within the applicant's organisation to ensure all activities undertaken by the organisation can be financed and carried out in accordance with the requirements prescribed by Subparts B, C, D and G.

(2) a senior person or group of senior persons who are responsible for ensuring that the applicant's organisation complies with the requirements of Subpart C. Such nominated person or persons shall be ultimately responsible to the Accountable Manager.

(3) sufficient adequately qualified and trained personnel to plan, perform, supervise, inspect and otherwise provide the activities for which certification is sought.

(b) The applicant shall:

(1) establish a procedure to initially assess the competence of personnel performing the activities specified in the certificate; and

(2) establish a procedure to maintain the competence of those authorised personnel; and

(3) provide those authorised personnel with written evidence of the scope of their authorisation.

(c) The applicant shall establish a procedure to ensure that those of its personnel performing activities for which a document is required under this Part or any other civil aviation rule or regulation hold the appropriate document.

**CAR-MLA.025 Resource requirements**

(a) Each applicant for the grant of a microlight organisation certificate shall provide resources that enable the satisfactory provision of the activities for which certification is sought. Such resources shall, where appropriate, include:

(1) accommodation, offices, workshops, hangars, and buildings; and

(2) equipment, tools, material, training aids, data and documentation.

(b) The applicant shall ensure that the environment it provides is appropriate for the tasks to be performed. In particular, the applicant shall ensure protection from weather elements and compliance with any special requirements specified within applicable airworthiness data and compliance with other special requirements considered applicable by the Authority.

**CAR-MLA.030 Internal quality assurance**

(a) Each applicant for the grant of a microlight organisation certificate shall establish internal quality assurance procedures to ensure compliance with, and the adequacy of, the procedures required by Subparts C and D.

(b) The senior person who has the responsibility for internal quality assurance shall have direct access to the Accountable Manager on matters affecting internal quality assurance.

**CAR-MLA.035 Exposition requirements**

(a) An applicant for the grant of a microlight organisation certificate shall provide the Authority with an exposition which shall contain:

(1) a statement signed by the Accountable Manager on behalf of the applicant's organisation confirming that the exposition and any included manuals:

- (i) define the organisation and demonstrate its means and methods for ensuring ongoing compliance with this CAR; and
- (ii) will be complied with at all times; and

(2) the titles and names of the senior person or persons required by CAR-MLA..020(a)(1) and (2); and

(3) the duties and responsibilities of the senior person or persons specified in paragraph (a)(2) including matters for which they have responsibility to deal directly with the Authority on behalf of the organisation; and

(4) an organisation chart showing lines of responsibility of the senior persons specified in paragraph (a)(2) and extending to each location listed under paragraph (a)(5); and

(5) details of those locations where members or employees of the organisation are to exercise functions or powers delegated by the Authority; and

(6) a summary of the resources at and the scope of activity to be conducted at each location listed under paragraph (a)(5); and

(7) details of the organisation's procedure for recording which of its members and employees hold authorisations granted by the organisation or delegations of the Authority's functions or powers, or both, including the extent and scope of those authorisations and delegations; and

(8) details of the procedures required by:

- (i) CAR-MLA.020 (b) regarding the competence of personnel; and
- (ii) CAR-MLA.020(c) regarding the licensing of personnel; and
- (iii) CAR-MLA.030 regarding internal quality assurance of the organisation; and
- (iv) CAR-MLA.153 regarding reporting of defects or unsafe conditions; and

(9) procedures to control, amend and distribute the exposition.

(b) The applicant's exposition must be acceptable to the Authority.

**CAR-MLA.037 Privileges of certificate**

(a) The microlight organisation certificate specifies the activities that the certificate holder is authorised to carry out.

(b) A microlight organisation may be certificated to carry out all or any of the following activities:

- (1) establishing and certifying competency of persons flying microlight aeroplanes by:
  - (i) prescribing examination syllabi:
  - (ii) conducting examinations:
  - (iii) prescribing flight test standards and criteria:
  - (iv) conducting flight tests:
- (2) establishing and certifying suitability of microlight aeroplanes and equipment by:
  - (i) prescribing maintenance and inspection procedures and requirements:
  - (ii) approving modifications:
  - (iii) accepting design changes:
  - (iv) investigating defects:
  - (v) issuing safety advice in an appropriate form:
- (3) appointing employees or members to positions of responsibility to oversee the safety aspects of the conduct of their members' operations.

**CAR-MLA.039 Duration of certificate**

(a) A microlight organisation certificate may be granted or renewed for a period of up to 5 years.

(b) A microlight organisation certificate remains in force until it expires or is suspended or revoked by the Authority.

(c) The holder of a microlight organisation certificate that expires or is revoked shall forthwith surrender the certificate to the Authority.

(d) The holder of a microlight organisation certificate that is suspended shall forthwith produce the certificate to the Authority for appropriate endorsement

**CAR-MLA.040 Continued compliance**

Each holder of a microlight organisation certificate shall:

- (1) hold at least one complete and current copy of their exposition at each location specified in their exposition; and
- (2) comply with all procedures detailed in their exposition; and

- (3) make each applicable part of their exposition available to personnel who require those parts to carry out their duties; and
- (4) continue to meet the standards and comply with the requirements of Subpart C prescribed for microlight organisation certification under this CAR; and
- (5) notify the Authority of any change of address for service, telephone number, or facsimile number within 28 days of the change.

**CAR-MLA.045            Records – personnel**

- (a) Each holder of a microlight organisation certificate shall maintain a record of each member or employee exercising any
  - (1) delegations of the Authority's functions or powers; or
  - (2) authorisations granted by the organisation.
- (b) The record shall include details of the members or employee's experience, qualifications, training and current delegations and authorisations.
- (c) The record shall be retained for one year from the date that the member or employee ceases to exercise all of his or her delegations and authorisations.

**CAR-MLA.050            Records – facilities, equipment, tools and material**

Each holder of a microlight organisation certificate shall record details of testing, checking and calibration of any safety-critical facilities, equipment, tools and material used in carrying out any of the activities specified in the certificate

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**CAR-MLA.060            Changes to certificate holder's organisation**

- (a) Each holder of a microlight organisation certificate shall ensure that their organisation exposition is amended so as to remain a current description of the holder's organisation.
- (b) The certificate holder shall ensure that any amendments made to the holder's exposition meet the applicable requirements of this CAR and comply with the amendment procedures contained in the holder's exposition.
- (c) The certificate holder shall provide the Authority with a copy of each amendment to the holder's exposition as soon as practicable after its incorporation into the exposition.

(d) Where a certificate holder proposes to make a change to any of the following, prior notification to and acceptance by the Authority is required:

(1) the Accountable Manager:

(2) the listed senior persons:

(3) the location or locations at which the members or employees of the organisation exercise functions and powers delegated by the Authority:

(4) the scope of activities covered by the certificate.

(e) The Authority may prescribe conditions under which a certificate holder may operate during or following any of the changes specified in paragraph (d).

(f) A certificate holder shall comply with any conditions prescribed under paragraph (e).

(g) Where any of the changes referred to in this rule requires an amendment to the certificate, the certificate holder shall forward the certificate to the Authority as soon as practicable.

(h) The certificate holder shall make such amendments to the holder's exposition as the Authority may consider necessary in the interests of aviation safety.

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**SUBPART D— OPERATIONAL PROCEDURES****CAR-MLA.090 Fuel requirements**

The requirements of CAR-OPS 0.280 shall not apply to the pilot of a microlight aeroplane.

**CAR-MLA.095 Minimum heights**

Notwithstanding CAR-OPS 0.295, a pilot of a microlight aeroplane may operate a microlight aeroplane below 500 feet AGL for the purpose of practice for, and participation in, microlight aeroplane competition flying, provided such operations are:

- (i) conducted with the knowledge and approval of a microlight organisation; and
- (ii) carried out in accordance with any conditions imposed by a microlight organisation; and
- (iii) not carried out below 200 feet AGL.

**CAR-MLA.100 Flight criteria**

(a) A pilot shall only operate a microlight aeroplane:

(1) by day; and

(2) in VFR meteorological minima equal to or better than those prescribed in CAR-OPS 0.270.

(b) A pilot of a microlight aeroplane shall not operate:

(1) over any congested area of a city, town, or settlement; or

(2) in controlled airspace or within 3 nautical miles (5.5 km) of an aerodrome certificated under CAR 139 unless:

(i) the pilot has gained a pass in the air law examination required by CAR-FCL or an equivalent examination; or

(ii) the pilot is under the direct supervision of the holder of a microlight pilot instructor certificate who meets the requirement of paragraph (b)(2)(i).

(c) A pilot shall not operate in accordance with paragraph (b)(2)(ii), and the supervising instructor shall not permit such an operation, unless:

(1) the instructor fully briefs the pilot on compliance with the CAR for the applicable airspace in which the aeroplane will be operated; and

(2) a pre flight briefing for the operation is obtained from ATS.

**CAR-MLA.105 Towing hang gliders**

(a) Each pilot of a microlight aeroplane towing a hang glider in flight shall hold at least an advanced microlight pilot certificate or a licence issued under CAR-FCL, and a microlight tow rating issued by a microlight organisation in the form of a statement of competence in their pilot logbook.

(b) The holder of an advanced microlight pilot certificate or a licence issued under CAR-FCL is eligible for the issue of a microlight tow rating if the pilot:

- (1) has at least 100 hours flight time experience including:
  - (i) at least 80 hours as pilot-in-command of a microlight; and
  - (ii) at least 20 hours as the pilot of the type of microlight aeroplane being used; and
- (2) has been briefed on hang glider towing emergencies and procedures by the holder of a hang glider instructor certificate issued by the holder of a delegation from the Authority operating within a hang glider organisation; and
- (3) has been briefed on microlight towing emergencies and procedures by the holder of a microlight pilot instructor certificate.

(c) A pilot of a microlight aeroplane shall not tow a hang glider in flight unless—

- (1) the towing aeroplane is of a type that is capable of controlled flight at speeds below the maximum permissible aero-tow speed prescribed in the specifications of the towed hang glider; and
- (2) the towing aeroplane complies with the equipment requirements of CAR-MLA.; and
- (3) release mechanisms on both aeroplanes have been checked for serviceability prior to the first flight of the day.

**CAR-MLA.110 Carriage of passengers**

A pilot shall not carry another person in a microlight aeroplane unless:

- (1) the pilot has an advanced microlight pilot certificate and has been authorised by a microlight organisation to do so; and
- (2) the aeroplane is a two-seater microlight aeroplane; and
- (3) the aeroplane has a statement of airworthiness entered in the applicable maintenance record in accordance with CAR-MLA.140.



**SUBPART M — AIRWORTHINESS and MAINTENANCE****CAR-MLA.115 Requirement for flight permit**

No person shall fly a microlight aeroplane unless there is in force for that aircraft a flight permit or temporary flight permit issued under this CAR.

**CAR-MLA.120 Application for flight permit**

Each applicant for a flight permit for a microlight aeroplane shall submit the information required by CAR-MLA.1.125 to the Authority with a payment of the appropriate fee prescribed by regulations made under the Civil Aviation Law.

**CAR-MLA.125 Issue of flight permit**

(a) Each applicant is eligible for the grant of a microlight flight permit for microlight aeroplanes if:

(1) the applicant provides documented evidence that:

(i) a microlight flight permit, or equivalent document acceptable to the Authority, has been issued for the type by the competent authority of a ICAO Contracting State to the Convention; or

(ii) the aeroplane conforms to a type design which complies with one of the following standards:

-British Civil Airworthiness Requirements Section S (CAP 482 dated March 1983 and amended October 1988) issued by the United Kingdom Civil Aviation Authority; or

-Civil Aviation Orders 95.32 (Issue 1 dated 28 February 1990 and Amendment 57 dated 1 August 1990) and 101.55 (Issue 1 dated 7 January 1988 and amendment 90 dated 28 August 1991) issued by the Australian Civil Aviation Authority; or

-Document TP10141E issued by Transport Canada; or

-any other standard acceptable to the Authority as an equivalent; or

(iii) 6 or more aeroplanes of the type have been operated and the aeroplane type has achieved a documented satisfactory airworthiness history of at least 150 hours of flight including at least 50 hours of flight on one aeroplane; or

(iv) a temporary flight permit has been issued for the aeroplane under paragraph (b) and the aeroplane has completed the endurance test specified in CAR-MLA.135; and

(2) the applicant provides:

(i) satisfactory evidence that the aeroplane complies with all applicable requirements prescribed under this CAR; and

(ii) a statement of hours flown by the aeroplane both in total and since any previous flight permit or equivalent document was issued; and

(iii) a statement that any inspection, replacement, overhaul, or other maintenance of the microlight aeroplane or its engine or engine components that is considered mandatory by the manufacturer has been complied with; and

(3) the aeroplane has been inspected by a person authorised by the Authority and that person has certified in the applicable aeroplane maintenance record required by CAR-OPS 0.665 that the aeroplane has no hazardous design features.

(b) The period of validity shall be, for the life of the aeroplane.

#### **CAR-MLA.130          Modification**

Where a microlight is modified in any manner that may affect the airworthiness of the aeroplane, the operator shall ensure that the aeroplane is re-inspected and reassessed for compliance with CAR-MLA.125 before further flight.

#### **CAR-MLA.135          Endurance testing**

(a) An endurance test for a microlight aeroplane shall consist of:

(1) for aeroplanes constructed from drawings and raw materials, 40 hours of flight; or

(2) for series aeroplanes constructed from a kitset of raw materials, 25 hours of flight; or

(3) for series aeroplanes constructed from a kitset of prefabricated components, 10 hours of flight; or

(4) for series aeroplanes constructed entirely from pre-manufactured factory components and assemblies, 2 hours of flight.

(b) The endurance test shall be restarted after any modification is made or defect occurs.

**CAR-MLA.140 Statement of airworthiness**

Each pilot-in-command of a microlight aeroplane that completes an endurance test under CAR-MLA.135, shall enter in the applicable maintenance record required by CAR-OPS 0.665

- (1) all manoeuvres completed together with demonstrated flight speeds; and
- (2) the pilot's name, licence or certificate number, signature and the date of the test under the following statement (which shall include the hours of flight completed):

*I hereby certify that this aeroplane has satisfactorily completed ..... hours flight time in compliance with CAR-MLA and the aeroplane has adequate performance, is controllable through its normal range of speeds and throughout all manoeuvres completed, and is airworthy.*

**CAR-MLA.145 Airworthiness directives**

(a) The operator of a microlight aeroplane shall comply with the instructions contained in any applicable airworthiness directive issued by the Authority.

(b) No person shall fly a microlight aeroplane that is not in compliance with an applicable airworthiness directive.

**CAR-MLA.150 Maintenance and inspection requirements**

(a) Each operator of a microlight aeroplane shall take such action as is necessary to ensure the continuing airworthiness of that aeroplane.

(b) Each operator of a microlight aeroplane, meeting a type design standard listed in CAR-MLA.125(a)(1), shall ensure that it is maintained in accordance with the designer or kitset manufacturer maintenance requirements.

(c) No person shall operate a microlight aeroplane unless within the preceding 12 months the aeroplane has undergone an annual condition inspection.

(d) The inspection required by paragraph (c) shall

(1) be performed by

- (i) a person authorised by a microlight organisation to perform annual condition inspections; or
- (ii) the Authority; or
- (iii) the holder of an aeroplane maintenance engineer licence issued under CAR 66 rated in the aeroplane and engine groups; and

(2) include the applicable items and components listed in CAR OPS 0.

(e) Each person who performs the inspection required by paragraph (c) shall, if they find the aeroplane to be airworthy:

- (1) make a certification to that effect on an inspection form permanently affixed to the aeroplane in a prominent place adjacent to the point of entry; and
- (2) retain a copy of the inspection form required by paragraph (e)(1) as a record of that certification; and
- (3) make a certification to that effect in the applicable maintenance record required by CAR-OPS 0.665

(f) The aeroplane inspection form required by paragraph (e)(1) shall include the:

- (1) aeroplane registration letters; and
- (2) aeroplane type; and
- (3) due date for the next annual condition inspection; and
- (4) date, signature, and licence or certificate number of the engineer or inspector who carried out the annual condition inspection.

(g) Where an aeroplane is found not to be airworthy during the inspection required by paragraph (c), the operator shall not permit the aeroplane to be flown until it has been certified as airworthy in accordance with paragraph (e).

#### **CAR-MLA.153          Reporting of defects or un-airworthy conditions**

(a) Each holder of a microlight organisation certificate shall establish a procedure for reporting any defect or condition of a microlight aeroplane operated by a member of the holder's organisation that could jeopardise the safe operation of the aeroplane.

(b) Any such defects or conditions shall be reported to the Authority.

#### **CAR-MLA.155          Instrument and equipment requirements**

(a) Subject to paragraph (b), each operator of a microlight aeroplane shall equip the aeroplane with:

- (1) instruments and equipment required
  - (i) to conform with the aeroplane type design; and
  - (ii) by the aeroplane designer or kit manufacturer; and
- (2) the means of indicating
  - (i) airspeed; and
  - (ii) altitude in feet; and

(iii) magnetic heading.

(b) The operator of a powered parachute is not required to equip the aeroplane with a means of indicating airspeed.

(c) The following requirements in CAR-OPS 0, Subpart K shall not apply to a person operating a microlight aeroplane:

-CAR-OPS 0.400 (a) (1) in respect of the minimum instruments and equipment required by CAR-OPS 0.420.

### **CAR-MLA.160      Hang glider towing aeroplane**

Each person operating a microlight aeroplane towing a hang glider in flight shall, in addition to CAR-MLA.155, ensure that:

(1) the aeroplane is equipped with:

(i) a towing installation enabling the tow pilot to release the tow rope at any time, comprising a tow hook and attachment assembly which meets the aeroplane's design standard; and

(ii) a rear vision mirror; and

(iii) a tow line, which has a weak link incorporated at the tow plane end, with a breaking strength of not more than 100 kg; and

(2) the hang glider is equipped with a quick release mechanism for hang glider pilot activation with a simple and positive releasing action with tow rope loads of up to 100 kg rearward from the tow hook within a cone of 45 degrees upwards, 30 degrees downwards, and 30 degrees sideways

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**SUBPART N — PILOT REQUIREMENTS****CAR-MLA.205 Pilot requirements**

(See Appendix 1 to CAR-MLA.205)

(a) Each person acting as the pilot of a microlight aeroplane shall:

- (1) hold an appropriate current microlight pilot certificate with an appropriate type rating; issued by a Microlight Organisation certified as per Subpart C of this CAR, or
- (2) hold a current pilot licence issued under CAR-FCL with an appropriate type rating; or
- (3) operate under the direct supervision of the holder of a microlight pilot instructor certificate.

(b) Each pilot shall comply with the privileges and limitations of the licence or certificate, and any applicable ratings.

(c) Each pilot shall not fly as pilot in command a microlight aeroplane where:

- (1) the aeroplane has 3 axis controls and his previous training and experience has only been in an aeroplane with flexwing controls, or
- (2) the aeroplane has flexwing controls and his previous training and experience has only been in an aeroplane with 3 axis controls,

unless appropriate differences training has been completed and recorded in his personal flying logbook.

**CAR-MLA.210 Flight instruction**

No person shall exercise the privileges of a microlight flight instructor unless that person holds a type rating for the microlight aeroplane being used, and holds the qualification being taught, and:

- (1) that person:
  - (i) holds a microlight pilot instructor certificate; and
  - (ii) complies with the procedures established in the exposition of the microlight organisation controlling the operation; or
- (2) that person:
  - (i) holds an instructor rating issued under CAR-FCL; and
  - (ii) has demonstrated competence in the piloting of a microlight aeroplane to a microlight pilot instructor specified in paragraph (1).

**CAR-MLA.215      Flight radiotelephone operator requirements**

A person operating a microlight aeroplane shall not use an aeronautical radiotelephone transceiver unless that person holds a flight radio telephone operator rating issued under the CAR-FCL requirements.



**Appendix 1 to CAR-MLA.215 Requirements for microlight pilot certificates**1. Types of Certificates

- 1.1 An advanced microlight pilot certificate (microlights unrestricted) is a full certificate permitting the pilot to fly anywhere within the regulations, including carrying a passenger .
- 1.2 A restricted microlight pilot certificate that restricts the pilot to fly not more than eight miles from the home airfield and excludes carrying a passenger
- 1.3 Certificates can only be issued by the Microlight Organisation after completion of the required training and successful completion of flight tests and examinations.

2. Required training

- 2.1 General:  
All flight training and theoretical training shall be in accordance with the Authority approved training syllabi of the Microlight Organisation.
- 2.2 Flight training for a restricted microlight pilot certificate:  
Completion of minimum 15 hours of dual training and 7 hours solo.
- 2.3 Flight training for an advanced microlight pilot certificate:  
Completion of minimum 25 hours of which 10 hours must be solo flying. This includes 5 hours navigation flying of which 3 hours must be solo.
- 2.4 A pilot trainee shall receive dual instructions in microlights, from an authorised flight instructor who shall ensure that the pilot trainee has operational experience in at least the following areas:
- a) pre-flight operations, including mass and balance determination, aeroplane inspection and servicing;
  - b) aerodrome and traffic pattern operations, collision avoidance precautions and procedures;
  - c) control of the aeroplane by external visual reference;
  - d) flight at critically slow airspeeds; spin avoidance; recognition of, and recovery from, incipient and full stalls;
  - e) flight at critically high airspeeds; recognition of, and recovery from, spiral dives;
  - f) normal and cross-wind take-offs and landings;
  - g) maximum performance (short field and obstacle clearance) take-offs; short-field landings;
  - h) flight by reference solely to instruments, including the completion of a level 180 degree turn;

- i) cross-country flying using visual reference and dead-reckoning;
- j) emergency operations, including simulated aeroplane equipment malfunctions; and
- k) operations to, from and transiting controlled aerodromes, compliance with air traffic services procedures, radio-telephony procedures and phraseology.

2.4 Theoretical training for advanced microlight pilot certificate:

The following subjects shall be included:

Air Law

Navigation

Meteorology

Aeroplanes Technical

Human Factors and Performance.

The syllabus shall be based on the relevant items of AMC FCL 1.125.

3. Flight Tests and examinations

- 3.1 The conduct of microlight pilot certificates flight tests shall be in accordance with the Authority approved flight test standards and criteria of the Microlight Organisation.
- 3.2 The conduct of microlight pilot certificates theoretical examinations shall be in accordance with the Authority approved examination procedures of the Microlight Organisation.
- 3.3 If required for the use of radio in flight a Radio Telephony exam must be taken.

4. Medical requirements

A Authority Class 2 Medical Certificate is required to obtain a microlight pilot certificate