



Part 103

ULTRALIGHT VEHICLES

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SUBPART A
General

103.1 Applicability

This Part prescribes rules governing the operation of ultralight vehicles in the Arab Republic of Egypt. For the purposes of this Part, an ultralight vehicle is a vehicle that:

- (a) Is used or intended to be used for manned operation in the air by a single or double occupant;
- (b) Is used or intended to be used for recreation or sport purposes only;
- (c) Has an Egyptian airworthiness certificate; and
- (d) If unpowered, weighs more than 155 pounds; or
- (e) If powered:
 - (1) Weighs less than 254 pounds empty weight, excluding floats and safety devices which are intended for deployment in a potentially catastrophic situation;
 - (2) Has a fuel capacity not exceeding 15.5 kilograms;
 - (3) Is not capable of more than 55 knots calibrated airspeed at full power in level flight; and
 - (4) Has a power off stall speed, which does not exceed 24 knots, calibrated airspeed.

103.3 ECAA Inspection Authority

- (a) Each person holds a certificate under this part (or applied for such certificate) shall grant unrestricted and unlimited access for ECAA inspectors to inspect his personnel, facilities, equipment, documents and records to determine:
 - (1) Eligibility to continue to hold his certificate.
 - (2) Compliance with this ECAR part
- (b) Failure to comply with paragraph (a) above shall be a basis to suspend, withdraw or revoke any certificate issued under this part.

103.5 Waivers

No person may conduct operations of an ultralight vehicle that require a deviation from this Part except under a written waiver issued by the ECAA.

103.7 Certification and registration

- (a) No person shall operate an ultralight vehicle without having a certificate of registration and bearing its registration marks.
- (b) The ultralight vehicle and its components, parts and equipment are required to meet the airworthiness standards specified in the appropriate manufacturer's manuals.
- (c) No person may conduct operation of an ultralight vehicle without having a valid certificate of airworthiness and flight permission issued from ECAA.
- (d) The pilots of the ultralight vehicles are required to meet the aeronautical knowledge and experience requirements to operate those vehicles and to have an airman medical certificate issued in accordance to Parts 62 and 67
- (e) No person may conduct maintenance to an ultralight vehicle without holding valid license issued in accordance with Part 65, or having a special authorization issued from ECAA to maintain a specific type of ultralight vehicle.
- (f) The recent specific practical experience to issue or add a specific type of ultralight vehicle to his license is not less than six months in the last 2 years.

103.9 Reserved

SUBPART B
Operating Rules**103.11 Hazardous operations**

- (a) No person may operate any ultralight vehicle in a manner that creates a hazard to other persons or property.
- (b) No person may allow an object to be dropped from an ultralight vehicle if such action creates a hazard to other persons or property.
- (c) Unless otherwise authorized by ECAA and appropriate Egyptian authorities, no person may be allowed to drop any object from an ultralight vehicle.

103.13 Daylight operations

No person may operate an ultralight vehicle except between the hours of sunrise and sunset.

103.15 Operation near aircraft; right of way rules

- (a) Each person operating an ultralight vehicle shall maintain vigilance so as to see and avoid aircraft and shall yield the right of way to all aircraft.
- (b) No person may operate an ultralight vehicle in a manner that creates a collision hazard with respect to any aircraft.
- (c) A powered ultralight shall yield the right of way to unpowered ultralight.

103.17 Operations over congested areas

Unless otherwise authorized by ECAA, no person may operate an ultralight vehicle over any congested area of a city, town or settlement or over any open-air assembly of persons.

103.19 Operations in certain airspace

No person may operate an ultralight vehicle within class A, class B, or class D airspace, unless that person has prior authorization from the ATS facility having jurisdiction over that airspace.

103.21 Operations in prohibited or restricted areas

No person may operate an ultralight vehicle in prohibited or restricted areas unless that person has permission from the ECAA and the using or controlling agency, as appropriate.

103.23 Flight restrictions in the proximity of certain areas designated by notice to airmen

No person may operate an ultralight vehicle in areas designated in a notice to airmen under Part 91.143 or 91.141, unless authorized by ATS.

103.25 Visual reference with the surface

No person may operate an ultralight vehicle except by visual reference with the surface.

103.27 Flight visibility and cloud clearance requirements

No person may operate an ultralight vehicle when the flight visibility or distance from clouds is less than that in the table found below. All operations in Class A, Class B and Class D airspace or Class B airspace designated for an airport must receive prior ATC authorization as required in 103.17 of this Part.

103.29 Flight visibility and clouds clearance for ultralight vehicles in Visual Meteorological Conditions (V.M.C.)

Class	Visibility and distance from clouds
Class A	Not applicable
Class B and D	8 Km at and above 3.050m. (10000ft) AMSL 5 Km below 3.050m. (10000ft) AMSL 1500 m. horizontally 300 m. vertical distance from clouds

SUBPART C
Certification Rules

103.31 Certificate required

No person may conduct ultralight vehicles operations without or in violation of either:

- (a) An ultralight vehicles operator certificate and operation specifications issued under this Part, if it is intended to be used by an operator for commercial purposes;
- (b) The rules of a certified EAC 91-2, Egyptian Civil Aviation Clubs, if it operates under the responsibilities and supervision of that club; or
- (c) The requirements of Part 91 if it is intended to be used for private operations only.

103.33 Application for certificate

An application for an ultralight vehicle operator certificate is made on a form and in a manner prescribed by the ECAA

103.35 Amendment of certificate

- (a) An ultralight vehicles operator certificate may be amended:
 - (1) On the initiative of the ECAA; or
 - (2) Upon application by the holder of that certificate.
- (b) An application to amend an ultralight vehicle operator certificate is submitted on a form and in a manner prescribed by the ECAA, at least 15 days before the proposed amendment effective date.
- (c) The ECAA will grant a request to amend a certificate if it determines that safety in air commerce and the public interest so allow.
- (d) Within 30 days after receiving a refusal to amend, the holder may petition the Chairman of the ECAA, to reconsider the refusal.

103.37 Certification requirements

- (a) Private operator-pilot: The applicant must hold a current Egyptian private, commercial, or airline transport pilot license and be properly rated for the aircraft to be used.
- (b) Commercial operator-pilot: The applicant must have available the services of at least one person who holds a current Egyptian commercial glider license and who is properly rated for the aircraft to be used. The applicant himself may be the person that fulfills this requirement.
- (c) Aircraft: The applicant must have at least one certificated and airworthy ultralight vehicle.
- (d) Knowledge and skill tests: The applicant must show, or have a person who is designated as the chief supervisor of ultralight vehicle operations show, that he has satisfactory knowledge and skill regarding ultralight vehicles operations, such as knowledge of:
 - (1) Performance capabilities and operating limitations of the ultralight vehicle to be used; and
 - (2) Safe flight and application procedures

103.39 Duration of certificate

An ultralight vehicles operator certificate is effective for one year, or until it is surrendered, suspended, or revoked whichever occurs first. The holder of an ultralight vehicle certificate that is suspended or revoked shall return it to the ECAA.

SUBPART D
Maintenance**103.41 General**

- (a) No person may operate an ultralight vehicle unless it is maintained and released to service in accordance with Part 43.
- (b) No person may conduct operation of an ultralight vehicle unless it is maintained in accordance with maintenance program approved by ECAA, and with a certificate of release to service.
- (c) The ultralight vehicle should be equipped at least with the following indicators:
 - (1) One altimeter indicator;
 - (2) One airspeed indicator;
 - (3) One vertical speed indicator;
 - (4) One magnetic compass;
 - (5) One tachometer indicator; and
 - (6) One suitable radio communication equipment which may be a HF & VHF portable unit with suitable range.