



**CIVIL AVIATION AUTHORITY OF BANGLADESH**

**CIRCULAR ON OPERATIONS OF ULTRALIGHT AIRCRAFT**

Flight Standard and Regulations Division

Issue -1

30 April 2017

**CAAB HQ, Kurmitola, Dhaka-1229  
Bangladesh**

**Amendments**

Amendments and Corrigenda to this "Civil Aviation Circular on Operations of Ultralight Aircraft" is issued by Chairman of Civil Aviation Authority, Bangladesh. The space below is provided to keep a record of such amendments.

**Record of Amendments and Corrigenda**

Amendment				Corrigenda			
No.	Date Applicable	Date Entered	Entered By	No.	Date Applicable	Date Entered	Entered By

**TABLE OF CONTENTS**

	<b>Page</b>
Amendments	2
Table of Contents	3
Terms of reference	5
Foreword	4
Terms of Reference	5
CHAPTER 1. Definition	6
CHAPTER 2. Ultralight Organization	10
CHAPTER 3. Ultralight Competency Certificate (UCC)	17
CHAPTER 4. Ultralight Instructor (UI) Course	22
4.1 Eligibility	22
4.2 Examination Procedures	23
4.3 Privileges	24
CHAPTER 5. Requirements for Operations of Ultralights	25
5.1 Airworthiness Requirements	25
5.2 Flight Operations Requirements	27
5.3 Security and Safety Requirements	27
5.4 Air Traffic Services (ATS) Requirements	28
Appendix-1: (Sample: Application for issuance of UOC)	27
Appendix-2: (Sample: Forwarding Letter of Application for issuance of UOC)	28
Appendix-3: (Sample: Ultralight Organization Certificate (UOC))	30
Appendix-4: (Sample: Application for issuance of UCC)	31
Appendix-5: (Sample: Application for renewal/revival of UCC)	33
Appendix-6: (Sample: Ultralight Competency Certificate (UCC))	35
Appendix-7: (Sample: Application for issuance/renewal of UIC)	36
Appendix-8: (Sample: Ultralight Instructor Certificate (UIC))	38

## FOREWORD

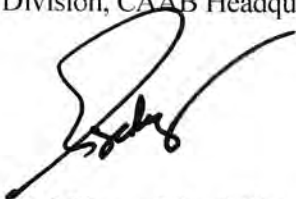
This Civil Aviation Circular (CAC) on Operations of Ultralight Aircraft is issued by the Chairman, Civil Aviation Authority of Bangladesh for the regulation and control of aviation activities by ultra light aircraft in the country in exercise of powers vested on him under Civil Aviation Authority Ordinance, 1985, Article 8.(1), and Civil Aviation Rules 1984 (CAR' 84), Rule 1.

The operations of Ultralight depends on qualified pilots or other air and ground personnel, their competence, skills and training which constitute the essential guarantee of efficient and safe operations leading to recognition and greater trust in the sports and recreation based flying organisations.

Consequently, personnel licensing of ultralights is an important element of a CAAB's safety oversight system. It is a complex endeavor which encompasses technical, economical and industrial issues. There by, the most ICAO member States control only a limited number of Ultralight Organisation licence holders and may not consider it feasible.

As such, CAAB will only issue a Certificate to the Ultralight Organisation and accept the documents and certificates of UO, as and where applicable, mentioned in this circular. Many of the certificate related functions and duties mentioned in this circular are considerably reduced and compressed with limited CAAB regulatory activities. It is one of the aims of this circular to provide such Ultralight Organizations with the necessary tools to develop a personnel licensing system to suit their needs while fulfilling their obligations under the CAAB rules & regulations.

Comments on this circular would be appreciated. They will be taken into account in the preparation of subsequent editions. Comments concerning the circular should be addressed to Flight Safety & Regulations Division, CAAB Headquarters, Kurmitola, Dhaka.



Air Vice Marshal Ehsanul Gani Choudhury  
GUP, ndu, psc

Chairman  
Civil Aviation Authority, Bangladesh

A committee was formed vide letter No. CAAB/1714/163/AT/4429, Dated: 28 June 2016, with the following officers to prepare the Circular on Operation of Ultralight Aircraft.

Gp. Capt Ashraful Azhar, (Retd) FOI-4	President	
Mr. Shaikh Abul Basher, ANS Consultant	Member Secretary	
Mr. Sk A K Rafique Ahmed, ANS Consultant	Member	
Mr. Zahid Qayum, Assistant Director (AT)	Member	
Mr. Abdul Kadir, Assistant Director (Airworthiness)	Member	
Mr. Md. Doulotuzzaman, Assistant Director (AIS)	Member	

**Terms of reference**

**Word meanings:**

In this Circular-

"shall" and "must" means a procedure is mandatory.

"should" means a procedure is recommended

"may" means a procedure is optional

"will" means futurity, not a requirement for the application of a procedure.

"Bangladesh" means The People's Republic of Bangladesh.

**Scope of this Circular**

ICAO defines an ultra light aircraft as "an aircraft having an MTOW not exceeding 454 kg (1 000 lbs) and not usually used for public transport purposes." (Ref: Doc 9626, Second Edition – 2004, Chapter 5.2, aircraft terms by size). The scope of this Circular will, however, be wider. In this Circular, "Any flying machine or device having an MTOW not exceeding 454 kg (1 000 lbs) and not usually used for public transport purposes, with or without any engine, or landing gear or device for landing on ground or water" will be considered as an Ultralight aircraft.

Thus, the various types of flying machines/devices like Sport Aircraft, Flying Boats, Hang Glider, Paraglider, Para motor, Powered Parachute, Parachute, Gyro glider, Gyroplane, Parasail etc, as mentioned in the Definitions, shall come within the purview of this Circular.

In this Circular the word "Ultralight" will invariably mean any or all of the relevant categories of flying machine/device mentioned here under.

## CHAPTER 1.

### DEFINITIONS

`**Aeronautical knowledge**` means flight time gained as a pilot member of the operating crew of an aircraft.

“**Airworthiness**” means the continuing capability of the aircraft to perform in a satisfactory manner the flight operations for which it was designed.

‘**Approved Person**’ means a person approved in writing by the CAAB to perform a specific regulatory function.

‘**Authorized Person**’ means a person authorized by the Company to perform a specific function.

‘**Balloon**’ means a non-power driven lighter-than-air aircraft.

‘**CAAB**’ means Civil Aviation Authority of Bangladesh.

‘**Certificate of Airworthiness (C of A)**’ means a Certificate issued to an aircraft by the Airworthiness Directorate subject to meeting the prescribed Airworthiness requirements.

‘**Controlled Aerodrome**’ means an aerodrome at which air traffic control service is provided to aerodrome traffic.

‘**Glider**’ means an aircraft that requires an assisted take off, has no internal power for a sustained flight; and is capable of gliding down to earth. Glider includes powered glider with the engine not operating during sustained flight; but does not include hang gliders.

‘**Gyroglider**’ means heavier-than-air vehicle that is supported in flight by the dynamic reaction of the air against its rotor, fitted on top, when pulled by a towline of a ground vehicle. After the towline is released, the Gyroglider can be made to land under control of the pilot by the support provided by the lifting surface of the rotor.

‘**Gyroplane**’ means an aircraft that gets lift from a freely turning rotary wing (rotor blades), and which derives its thrust from an engine-driven propeller. It may be also called autogyro or the gyrocopter.

‘**Hang Glider**’ means heavier-than-air vehicle that is supported in flight by the dynamic reaction of the air against its lifting surfaces and whose free flight does not depend on an engine. The device has a capacity for not more than two occupants.

**Note:** A Hang Glider may also be towed by a winch/truck.

**Note:** A powered Hang Glider, also known as Paramotor or a Powered Paraglider or a motorized Paraglider, will also be treated as an Ultralight.

‘**Machine**’ means a mechanism, engine, appliance, apparatus, contraption and piece of equipment, device or an instrument.

‘**Medical Assessment**’ means a medical assessment issued by the CAAB or a person designated by the CAAB.

‘**Power-Assisted Glider**’ means an aircraft meeting glider certification standards, fitted with an auxiliary power unit and incapable of unassisted take-off and capable of only limited duration powered flight.

‘**Powered Parachute**’ means a vehicle with a parachute that allows a person to takeoff, restart-in-flight and land the parachute under its own power and has a capacity for not more than two occupants.

**Note:** A powered parachute is a flexible winged, aerial recreational vehicle. It combines an engine with a flexible parachute wing technology similar to that used by sport parachutists. The parachute, unlike the rigid structures of airplanes or Ultralights, is built of Nylon fabric with suspension lines. The forward motion of the vehicle forces air into the multiple ‘cells’ along the wing’s leading edge, pressurizing it and holding its precisely calculated airfoil shape.

‘**Paraglider**’ means a non-motorized foot-launched inflatable wing.

**Note:** The Paraglider itself is constructed of rip-stop nylon from which the pilot is suspended by sturdy kevlar lines. The pilot is clipped into a harness and oriented in a sitting position for maximum comfort. With a Paraglider, flying like a bird, soaring upward on currents of air can be carried out. A Paraglider is capable of staying aloft for hours, can gain altitude and can go cross country over vast distances.

**Note:** A Paraglider may also be equipped with a motor and is called a Paramotor or a Powered Paraglider or a motorized Paraglider.

**Note:** A Paraglider may be tow launched (winch/truck) as well.

‘**Parasail**’ means heavier-than-air vehicle that is supported in flight by the dynamic reaction of the air against its lifting surfaces when pulled by a towline of a boat. When the towline is released, the Parasail can be made to land under control of the pilot by the support provided by its lifting surface. A Parasail may be reeled out and reeled in into a boat.

‘**Radio controlled model aircraft**’ means a model aircraft that is primarily controlled by radio signals from a remote transmitter being operated by a person.

‘**Renewal**’ means getting the Licence or Certificate renewed by meeting the Renewal requirements before the expiry of the validity period of Licence or Certificate.

‘**Revalidation**’ means getting the Licence or Certificate revalidated, after the Licence or Certificate validity period has expired, by meeting the revalidation requirements.

‘**Self-Launching Motor Glider (SLMG)**’ means an aircraft, meeting glider certification standards, fitted with a power unit; and capable of unassisted take-off and operating in sustained powered flight or as a glider when not under power.



**Note:** For the purpose of this ANO, a Self Launching Motor Glider (SLMG) may be classified as a glider provided the power unit is only used for the purposes of Take-off and Climb to the height required for the gliding exercise.

**Note:** Where there is an intention to use the power unit of an SLMG other than as defined above, the pilot shall hold a Private Pilot or a higher Licence endorsed with the particular type of SLMG.

**‘Solo Flight’** means when the person acting as a pilot is the sole occupant of the Aeroplane, Helicopter, Balloon, Glider or a Ultralight.

**‘Sports Aircraft’** means an uncertified flying machine that weighs more than 300 KGs and not more than 454 KGs, and has a single engine.

**‘Ultralight aircraft’ or simply ‘Ultralight’** means any flying machine or device having MTOW not exceeding 454 kg (1,000 lbs), not usually used for public transport purposes, with or without any engine, or landing gear or device for landing on ground or water.”

**Note:** *‘Ultralights’ when used in general in this Circular, will mean any one or all of the following categories of flying:*

- (a) *Ultralight Aircraft,*
- (b) *Sport Aircraft,*
- (c) *Hang Glider,*
- (d) *Powered Hang Glider,*
- (e) *Paraglider,*
- (f) *Paramotor,*
- (g) *Powered Parachute,*
- (h) *Parachute,*
- (i) *Gyroglider,*
- (j) *Gyroplane,*
- (k) *Parasail etc.*

**‘Ultralight Competency Certificate (UCC)’** means a Certificate issued by the Licensing Authority (e.g. Authorized UO) for piloting/operating an ultralight.

**‘Ultralight Organization (UO)’** means an Organization, approved by the CAAB, that conducts and monitors the activities of the Ultralights, which are registered with it; and their operating crew.

**‘Ultralight Organization Certificate (UOC)’** means a Certificate issued by the CAAB to an organization that meets the CAAB prescribed requirements of a Ultralight Organization in the specified category of Ultralights.

**‘Warrant of Fitness’** is a Certificate issued by a Ultralight Organization stating that the Ultralight registered with it has met the prescribed safety requirements of the Manufacturer.

## CHAPTER 2.

### ULTRALIGHT ORGANIZATION

'**Ultralight Organization (UO)**' means an Organization approved / accepted by CAAB that conducts and monitors the activities of the Ultralights and their operating crew that are registered with that Organization.

A UO shall hold a Certificate of Approval / Acceptance from CAAB.

#### **2.1 Ultralight Organization Certificate (UOC)**

##### **2.1.1. Eligibility:**

The following categories of organizations or persons having financial soundness, satisfactory technical capabilities consistent with the nature and extent of the specified operations will be eligible to apply for a UOC in specific category:

- a) An organization having or previously having membership /partnership of a reputed and experienced internationally recognized association or stable organisation conducting activity in specific category/categories of ultralights in a contracting state;
- b) An individual possessing licence and other qualifications from such a reputed and experienced internationally recognized association or organisation conducting activity in specific category/categories of ultralights in a contracting state.

##### **2.1.2. Assessment:**

A UO shall be assessed by the CAAB for its adequacy in complying with the prescribed requirements in this Circular. During the assessment, due consideration shall be given to the nature of its activity, scope of its work and its overall workload.

##### **2.1.3. Insurance:**

A UO shall have required risk coverage insurance, including third party, at an appropriate level in accordance with the type and nature of its operations.

#### **2.2 Responsibilities of UO**

A UO shall be responsible for any or all of the following:

##### **2.2.1 Ensuring Fitness of the Equipment:**

A UO shall ensure that any Ultralight enlisted with it has a current condition of fitness, and an equipment identification number, issued by the UO in accordance with the prescribed procedures of the UO accepted by CAAB.

### **2.2.2 Supervision of operations of ultralights:**

A UO shall supervise the operations of Recreational Aviation Machines and equipment of all, some or any of the following categories:

- (a) Ultralight Aircraft,
- (b) Sport Aircraft,
- (c) Hang Glider,
- (d) Powered Hang Glider,
- (e) Paraglider,
- (f) Paramotor,
- (g) Powered Parachute,
- (h) Parachute,
- (i) Gyroglider,
- (j) Gyroplane,
- (k) Parasail.

### **2.2.3 Conducting Training for Ultralight Competency Certificate (UCC):**

A UO shall conduct training for Ultralight Competency Certificate (UCC) in any one of the above Categories.

### **2.2.4 Establishing and certifying the competency of persons flying the Ultralights:**

Subject to approval by the CAAB, a UO shall establish competency level and issue certificates to persons for flying/operating the Ultralights by -

- (a) Prescribing ground training syllabus,
- (b) Prescribing flying training syllabus,
- (c) Conducting examinations,
- (d) Prescribing flight check standards and criterion,
- (e) Conducting flight checks.

### **2.3 Validity of UOC:**

2.3.1 A UOC will be granted or renewed for a period not exceeding 24 months.

2.3.2 A UOC remains in force until it expires, suspended or revoked by the CAAB.

### **2.4 Ultralight Flying Training:**

2.4.1 A UO may be authorized to conduct training for the issuance of UCC in the specific Category provided it meets the prescribed requirements of a Flying Training Organization (FTO) of CAAB.

2.4.2 An Ultralight Organization authorized to conduct training may use the detailed training program issued by its parent Association/organization.

2.4.3 Any CAAB approved FTO may be approved to provide Ultralight Flying Training, as a UO, provided it meets the prescribed requirements of a UO as accepted by CAAB.

## **2.5 Personnel Requirements:**

2.5.1 An applicant for the grant of Ultralight Organization Certificate (UOC) shall have available the services of, or in their employment, the following personnel:

- (a) A senior person identified as the Chief Executive/ Accountable Executive who has the authority within the applicant's organization to ensure that all activities undertaken by the organization can be financed and carried out ensuring safety and security.
- (b) A senior person or group of senior persons who are responsible to the Chief Executive/ Accountable Executive.
- (c) Sufficient number of adequately qualified and trained personnel to plan, perform, supervise, inspect and otherwise provide the activities for which certification is sought.
- (d) Qualification and experience of all the appointment holders of a UO will be determined by the UO and mentioned in the Organization Manual for acceptance by CAAB.

2.5.2 The applicant shall:

- a) Establish a procedure to initially assess the competence of personnel performing the activities specified in the Certificate; and
- b) Establish a procedure to maintain the competence of those authorized personnel; and
- c) Provide those authorized personnel with written evidence of the scope of their authorization.

## **2.6 Resource Requirements:**

2.6.1 Each applicant for the grant of a UOC shall provide details of the resources that enable the satisfactory provision of the activities for which certification is sought.

2.6.1.1 Such resources shall, where appropriate, include:

- a) Accommodation, offices, workshops, hangars, buildings and operational bases; and
- b) Equipment, tools, materials, training aids, data and documentation.

2.6.2 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 requirements and compliance with other special requirements considered applicable by CAAB.

## **2.7 Internal Quality Assurance:**

2.7.1 Each applicant for the grant of a Ultralight Organization Certificate shall establish internal quality assurance procedures to ensure compliance with, and the adequacy of, the procedures required by the CAAB.

2.7.2 The senior person who has the responsibility for internal quality assurance shall have direct access to the Chief Executive on matters affecting internal quality assurance.

## **2.8 Operational Requirements**

An applicant for the grant of a UOC shall provide the CAAB with an Operations Manual which shall contain:

- (a) Definition of the mission and objectives of the organization;
- (b) General policy of operations;
- (c) Means and methods for ensuring ongoing compliance with this ANO;
- (d) The titles and names of the key personnel employed;
- (e) The duties and responsibilities of the key personnel including matters for which they have responsibility to deal directly with CAAB;
- (f) An organization chart showing lines of responsibility of the key personnel and extending to each location;
- (g) Details of those locations where members or employees of the organization are to exercise functions or powers delegated by CAAB;
- (h) A summary of the resources at and the scope of activity to be conducted at each location;
- (i) internal quality assurance system; and
- (j) Detailed procedures of its working.

## **2.9 Requirements for Continued Compliance:**

Each holder of a UOC shall:

- a) Hold at least one complete and current copy of their Operations Manual at each location;
- b) Comply with all procedures detailed in their operations manual;
- c) Continue to meet the standards and comply with the requirements prescribed for certification; and
- d) Notify the CAAB any change of address for service, telephone number, or facsimile number within 3 days of the change.

## **2.10 Records of Personnel:**

2.10.1 The holder of a UOC shall maintain a record of each member or employee exercising any:

- a) Delegations of the CAAB functions or powers; or
- b) Authorizations granted by the organization.

2.10.2 The record shall include details of the members or employee's experience, qualifications, training and current delegations and authorizations.

2.10.3 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 authorizations.

## **2.11 Records of Facilities, Equipment, Tools and Materials:**

Each holder of a UOC 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.

**2.12 Reporting of Defects or Un-airworthy Conditions:**

- 2.12.1 Holder of a UOC shall establish a procedure for reporting any defect or condition of an Ultralight aircraft operated by a member of the holder's organization that could jeopardize the safe operation of the aircraft.
- 2.12.2 Any such defect or condition that leads to serious incident or accident shall be reported to CAAB by the most expeditious means and written report shall reach within 72 hours.
- 2.12.3 Log/Register shall be maintained regarding such defects and remedial actions taken thereto.

**2.13 Activities Return**

Each UO shall submit Annual return of its activities to the office of the Director, Flight Safety and Regulations, CAAB; of course, it shall submit an up-to-date activities return at the time of submitting application for renewal of UOC.

**2.14 Changes to Certificate Holder's Organisation:**

- 2.14.1 Holders of a UOC shall ensure that their organization Operations Manual is amended so as to retain a current description of the holder's organization.
- 2.14.2 The Certificate holder shall provide a copy of each amendment of the Operations Manual for approval/acceptance to CAAB.
- 2.14.3 Prior acceptance by CAAB is required whenever a Certificate holder proposes to make a change to any of the followings:
  - a) The Chief Executive/Accountable Executive;
  - b) The listed key personnel;
  - c) The location or locations at which the members or employees of the organization exercise functions and powers delegated by CAAB;
  - d) The scope of activities covered by the UOC.
- 2.14.4 CAAB may prescribe conditions under which a Certificate holder may operate during or following any of the changes incorporated into its Operations Manual.
- 2.14.5 A UOC holder shall comply with any conditions prescribed in the Certificate.
- 2.14.6 Where any of the changes are required to the UOC, the UOC holder shall forward the UOC to the CAAB for affecting the changes.
- 2.14.7 The UOC holder shall make such amendments to the holder's Operations Manual as CAAB may consider necessary in the interests of aviation safety.

**2.15 Safety Oversight of UOC:**

- 2.15.1 CAAB may in writing require the holder of a UOC to undergo or carry out such inspections and audits of the holder's facilities, documents and records as CAAB considers necessary in the interests of civil aviation safety and security.

2.15.2 Any person operating an Ultralight under this part shall, upon request, allow the Chairman CAAB or his designee to inspect the Ultralight to determine the applicability of this Circular.

2.15.3 CAAB may require the holder of a UOC to provide such information as CAAB considers relevant to the inspection or audit. The Pilot or operator of an Ultralight shall, upon requirement of CAAB, furnish satisfactory evidences that the Ultralight is subject to only to the provision of this Circular.

2.15.4 For any inspection/audit, the UOC Holder shall bear all expenses incurred by CAAB Inspector(s) during such a visit.

## **2.16 Fees/Charges:**

Fees/Charges, whenever applicable, shall be as per the relevant procedures of CAAB.

## **2.17 Documents to be submitted for getting UOC:**

The following documents shall be required:

- a) Application for approval as an Ultralight Organization (UO);
- b) Type of Ultra light aircraft applied for;
- c) Copy of Company Registration;
- d) Evidence of membership /partnership of a reputed and experienced internationally recognized association or organisation conducting activity in specific category of ultralights, applied for, in a contracting state;
- e) List of the training, operational and safety literature available with the applicant of the Type applied for;
- f) Contact Address, Telephone Numbers, Fax, and email;
- g) Name of the Chief Executive/ Accountable Executive and contact information;
- h) Full time employees and their charter of duties;
- i) Details of Members registered with the Organization including their experience and aviation Licences/Certificates;
- k) Details of Infrastructure;
- l) Types and number of Ultralight aircraft enlisted with the organization along with their brochures, specifications and performance data;
- m) Copy of Operations Manual;
- n) Copy of Standard Operating Procedures; and
- o) Any other relevant information as required by CAAB.

## CHAPTER 3

### ULTRALIGHT COMPETENCY CERTIFICATE (UCC)

#### **3.1 Requirement for Issue:**

##### **3.1.1 General Requirements**

General Requirements for issue of UCC shall be as follows:

- (a) Age : Minimum 16 years on the Date of Application.
- (b) Medical : Minimum Class II.
- (c) Education : Minimum SSC or Equivalent.
- (d) Flying Experience : Minimum 20 hours in the relevant type.
- (e) Theoretical Pass Marks : Minimum 70%. in the relevant knowledge areas.

##### **3.1.2 Knowledge Areas**

The Applicant shall receive and log ground training from an authorized UO /ATO on the following subjects appropriate to the privileges granted to the holder of an UCC and appropriate to the category of ultralight to be included on the UCC:

###### **3.1.2.1 Air Law:**

UCC Applicant shall have clear knowledge about the following:

- (1) Use of the applicable portions of the AIP.
- (2) Rules of the Air regarding VFR and IFR operations.
- (3) Visual flight rules (VFR).
- (4) Visual Met Conditions (VMC).
- (5) Airways.
- (6) Air Space.
- (7) Prohibited, Restricted and Danger areas.
- (8) Congested areas.
- (9) Minimum heights.
- (10) Thermal rules.
- (11) Air Traffic Services procedures.
- (12) Radio communication skills
- (13) Aerodrome rules, signals and symbols.
- (14) Landing rules.
- (15) Collision avoidance.
- (16) NOTAMs.
- (17) Incident reporting.

###### **3.1.2.2 Aircraft General knowledge:**

- (1) Principles of operations and functions of the Ultralight systems and instruments, as applicable.



- (2) Flight Characteristics and Operating limitations of the ultralight category and relevant operational information from the available documents of the ultralight.
- (3) Physical characteristics air and gases.
- (4) Transmission (Power system), where applicable.

#### **3.1.2.3 Flight Performance and planning:**

- (1) Effect of loading and mass distribution on flight characteristics; mass and balance calculations.
- (2) Use of practical application of take-off or launching, landing and other performance data.
- (3) Pre-flight and flight planning appropriate to operation under VFR.
- (4) Preparation and filing of ATS flight plan, where applicable, and appropriate ATS procedures.
- (5) Altimeter setting procedures, position reporting procedures and operation in areas of high density traffic.

#### **3.1.2.4 Human performance:**

- (1) Human performance appropriate to the relevant category of ultralight.
- (2) Principles of threat and error management.

#### **3.1.2.5 Meteorology:**

- (1) Application of elementary aeronautical meteorology.
- (2) Use of and procedures for obtaining meteorological information.
- (3) Altimetry.
- (4) Hazardous meteorological conditions.

#### **3.1.2.6 Navigation:**

- (1) Practical aspects of air navigation.
- (2) Dead reckoning techniques.
- (3) Use of aeronautical charts. (Where applicable.)

#### **3.1.2.7 Operational Procedures:**

- (1) Application of threat and error management for operational procedures.
- (2) Altimeter setting procedures.
- (3) Use of aeronautical documentations such as AIP, NOTAM, aeronautical abbreviations and codes.
- (4) Appropriate precautionary and emergency procedures including action to be taken to avoid hazardous weather, wake turbulence and other operating hazards.
- (5) Where appropriate, setting of power, ground resonance, dynamic rollover and other operational hazards.

### **3.1.2.7 Aviation English Language Proficiency Test (AELPT):**

An endorsement of minimum 3 in AELPT shall be required in the UCC if the holder of the UCC intends to avail of Air Traffic Services in any portion of the operation of the Ultralight.

### **3.1.2.8 UO requirements of Aeronautical Knowledge:**

Subject to approval by CAAB a UO may include more stringent requirements of aeronautical knowledge than provided for in this Circular.

### **3.1.3 Pre-solo Instructions:**

Prior to conducting solo flight/operation the Applicant shall have received and logged the following procedures and maneuvers (wherever applicable):

- (1) Pre-flight preparation including planning, procedures, power plant operation, ultralight system and ground run-up.
- (2) Inspection of tow-line rigging and review of signals and release of signals and release procedures.
- (3) Procedures for assembly and disassembly of the ultralight.
- (4) Flight training for the procedures and maneuvers applicable to the relevant ultralight category.
- (5) Take-off and landing including normal and in cross-wind condition.
- (6) Straight and level flight including turns on both sides.
- (7) Aerodrome traffic pattern including entry and departure procedures.
- (8) Collision, obstruction, wind shear, and turbulence avoidance procedures.
- (9) Descend, with and without turn using high and low drag configuration.
- (10) Flights at various airspeeds from cruise to slow flight.
- (11) Stall entries from various flight attitudes and power combinations with recovery initiated at the first indication of a stall and recovery from a full stall.
- (12) Hovering and hovering turns.
- (13) Emergency procedures and system malfunctions.
- (14) Approach to a landing area with simulated system malfunction.
- (15) Ground reference maneuvers.
- (16) Go-arounds.

### **3.1.4 Solo flight requirements:**

- (1) An Applicant shall not fly/operate an ultralight solo unless under supervision of, or with the authority of a certified Ultralight Instructor.
- (2) An Applicant shall have demonstrated satisfactory proficiency and safety on the maneuvers and procedures applicable to the ultralight category, as judged by a certified Ultralight Instructor.

### **3.1.5 Privileges of UCC:**

- (1) The holder of a UCC may operate the Ultralight Category endorsed on his/her Certificate provided he/she has the endorsement of the specific Type on the Logbook.
- (2) He/she shall comply with the privileges and limitations of the Licence or Certificate and any applicable ratings.
- (3) He/she may carry out aerial work operation subject to the approval and limitations imposed by the relevant UO.
- (4) He/she may carry a passenger provided he/she has total of minimum 100 sorties/30 hours, on the type, whichever is earlier, with a logbook endorsement by the approved person.
- (5) Privileges of a UCC shall be exercised subject to valid Medical Certificate.

### **3.1.6 Currency of UCC:**

The holder of a UCC shall remain current if he/she has carried out 3 Take-off and 3 Landings in the preceding 90 days in the specified category.

### **3.1.7 Regaining Currency of UCC:**

The following procedure shall be followed for the regaining the Currency of UCC:

- (a) An Oral test;
- (b) A flight in the specific category with an Instructor/UCC holder authorized by the relevant UO.

### **3.1.8 Validity of UCC:**

The Ultralight Competency Certificate (UCC) shall be valid for 24 months.

### **3.1.9 Renewal/ Revalidation of UCC:**

The UCC may be renewed /revalidated subject to an application received from the UCC holder and subject to meeting the requirements of regaining the currency, including medical fitness, on any one of the Categories endorsed on the UCC.

### **3.1.10 Examinations and Tests:**

Examination and Tests shall be taken by the UO as mentioned in its approved Manual for the Category of Ultralight for which the UCC is to be issued, renewed or endorsed.

## CHAPTER 4

### ULTRALIGHT INSTRUCTOR (UI) COURSE

#### 4.1 Eligibility:

##### 4.1.1 General Requirements

General requirements for applying for an Ultralight Instructor Course shall be as follows:

- (a) Age : Minimum 20 years on the Date of Application.
- (b) Medical : Minimum Class II.
- (c) Education : Minimum SSC or Equivalent.
- (d) Theoretical Pass Marks : Minimum 70% in the relevant knowledge areas.

##### 4.1.2 Experience Requirements

Experience requirements for applying for an Ultralight Instructor Course shall be that he/she -

- (a) Holds a valid UCC;
- (b) Has at least 45 hours experience on the relevant category of ultralight;
- (c) Has completed a minimum of 3 hours as Pilot-in-Command on the relevant category of ultralight;
- (d) Holds CPL or ATPL and has a valid UCC;
- (e) Demonstrates the ability to instruct in the areas of flight and ground instruction in the relevant category of ultralight;
- (f) Qualifies in the skill test for an oral theoretical examinations on the ground, pre-flight and post flight briefings and in-flight demonstrations during skill test in an ultralight.

**4.1.2.1** Holder of a CPL or ATPL, with a Flight Instructor Rating and having a valid UCC with a minimum of 10 hours of experience as Pilot-in-Command on the relevant category of ultralight, and having valid Medical Certificate, will be eligible to apply for an UI Certificate.

##### 4.1.3 Knowledge Areas

Knowledge requirements for applying for an Ultralight Instructor Course shall be as stated in Articles of 3.1.2 above.

## **4.2. Examination Procedures**

Examination procedure shall comprise of 2 (two) parts:

- (1) Knowledge test,
- (2) Skill test.

### **4.2.1 Knowledge test:**

Knowledge test is sub-divided into three parts:

- (a) Written test,
- (b) Delivery of lecture by the applicant:
  - (i) The applicant is required to give a lecture under test conditions to other 'student(s)', one of who will be the designated examiner.
  - (ii) The amount of time for preparation of the test lecture shall be agreed beforehand with the examiner.
  - (iii) The applicant may use appropriate literature.
  - (iv) The test lecture should not exceed 10 minutes.
- (c) Oral test by a designated examiner before skill test:

The applicant will be tested orally by a designated examiner for knowledge as detailed in the 'Knowledge Area' above.

### **4.2.2 Skill test:**

- (a) The flying skill test shall comprise exercises,
  - (i) to demonstrate the ability to be an Ultralight Instructor (i.e. instructor demonstration exercises), chosen by the examiner.
  - (ii) to demonstrate Instruction abilities, including briefing, flight instruction and de-briefing.
- (b) The following procedures shall be followed:
  - (i) During the skill test, the applicant shall occupy the seat normally occupied by the Instructor.
  - (ii) The examiner shall function as the 'pseudo student'.
  - (iii) The applicant shall be required to explain the relevant exercises and to demonstrate their conduct to the 'pseudo student', where appropriate.
  - (iv) Thereafter, the 'applicant' shall execute the same maneuver including typical mistakes of inexperienced students.
  - (v) The applicant is expected to correct mistakes orally and/or, if necessary, by intervening.

#### **4.2.2 Termination of Test and re-test**

The examiner may terminate the test at any stage if it is considered that the applicant's demonstration of flying or instructional skills require a re-test.

#### **4.2.2 Conducting of Test**

The Skill test shall be conducted by a Designated Examiner.

#### **4.3 PRIVILEGES**

The privileges of an Ultralight Instructor (UI) are that –

- 4.3.1** An UI may conduct training of abinitio students for the issue of UCC on an Ultralight provided he/she has minimum 3 hours of experience of 'solo' flying/operation on the relevant type.
- 4.3.2** May conduct Type Training on the Ultralight.
- 4.3.3** An UI may carry passenger(s) in an Ultralight which is suitable for that purpose.
- 4.3.4** Any person holding an Instructor Licence from a recognized International Institution e.g. the World Air Sports Federation shall be authorized to enjoy the privileges of a UI subject to validation by an UO.
- 4.3.5** No person shall exercise the privileges of an UI unless that person holds a UCC with a UI certificate.

## CHAPTER 5

### REQUIREMENTS FOR OPERATIONS OF ULTRALIGHTS

#### 5.1 AIRWORTHINESS REQUIREMENTS

##### 5.1.1 Type Certification

5.1.1.1 An Ultralight having Type Certificate issued by Country of Design/ Manufacture shall be type certificated as per ANO (AW) A.1. Subsequent issue of Certificate of Registration and Airworthiness shall be as per ANO (AW) A.2 and A.5. Maintenance of such Ultralight shall be as per requirements of applicable ANO (AW).

5.1.1.2 However, an Ultralight having no Type Certificate from the Country of Design/ Manufacture shall follow para 5.1.2, 5.1.3, 5.1.4 and 5.1.5.

##### 5.1.2 Certification and Registration

5.1.2.1 Notwithstanding with any other section pertaining to certification of aircraft or their parts or equipment, ultralight aircraft and their component parts and equipment are not required to meet the airworthiness certification standards specified for aircraft or to have certificates of airworthiness.

5.1.2.2 Notwithstanding any other section pertaining to registration and marking of aircraft, ultralight aircraft are not required to be registered or to bear markings of any type which does not have Type Certificate issued by country of Design.

##### 5.1.3 Certificate of Airworthiness

Certificate of Airworthiness shall not be issued by CAAB for any Ultralight aircraft mentioned in 5.1.1.2. The relevant Ultralight Organization shall issue a 'Warrant of Fitness' stating that the ultralight is fit for operation and the incumbent operating/piloting the Ultralight shall be responsible to ensure that the Ultralight is safe for operation.

##### 5.1.4 Maintenance

The owner / operator of Ultralight aircraft are responsible for proper maintenance of the ultralight and for conducting safe operation. However, the following shall be adhered to as minimum maintenance requirements:

5.1.4.1 The Ultralight aircraft shall be maintained in accordance with the recommendations of its manufacturer. In case manufacturer recommendations / instructions are not very clear, the same shall be developed by the owner operator to ensure proper maintenance of the Ultralight for safe operation. In either case, documents containing all these recommendation / instructions shall be available at operating base of the Ultralight aircraft.

5.1.4.2 The owner / operator shall be registered with the manufacturer for supply of modifications and revision of maintenance instructions as and when issued.

5.1.4.3 A log book shall be maintained by the operator in order to keep a record of the flying, modification and repair work carried out on the aircraft.

5.1.4.4 The incumbent piloting the Ultralight aircraft shall make an entry in the log book prior to each flight that he has satisfied himself with safety status of the vehicle.

5.1.4.5 The maintenance shall be certified by holder of UCC.

### **5.1.5 Minimum Instruments Required for Ultralights**

The ultralight vehicle shall be equipped with the following minimum flight instruments:

- (a) A magnetic compass/ direction finding equipment,
- (b) An Altimeter/ height finding equipment,
- (c) An Airspeed Indicator/ suitable means of finding the airspeed,
- (d) Any suitable means of two way communication with appropriate ATS unit whenever intending to avail ATS.



## **5.2 FLIGHT OPERATIONS REQUIREMENTS**

- 5.2.1 **UO Membership:** A person shall not operate an Ultralight unless that person is a bona fide member of a UO in the specific Category in accordance with the prescribed procedures of the Organization and has been allotted a Membership Number.
- 5.2.2 The Pilot/Operator of an Ultralight shall be required to have an UCC issued by the appropriate UO for all cases of operations of any category of Ultralights.
- 5.2.3 The requirement of UCC shall be applicable whether the Ultralight has AW Certificate or not.
- 5.2.4 The holder of a UCC shall maintain a Logbook as prescribed by the UO.

## **5.3 SECURITY AND SAFETY REQUIREMENTS**

### **5.3.1 Security clearance:**

Before the operation of any type of Ultralights, the UO shall take necessary Security clearances from the relevant local Police / Intelligence Agencies.

### **5.3.2 Permission from Local Administration:**

Before the operation of any type of Ultralights, the UO shall take necessary clearances from the relevant Local Administrations under whose jurisdiction the area of operation is located.

### **5.3.3 Medical Facilities:**

Appropriate First Aid facilities shall be available at the operation site and, in addition, arrangements shall be made with local Govt. or recognized Private Hospitals for prompt hospitalization in case of need.

## **5.4 AIR TRAFFIC SERVICES (ATS) REQUIREMENTS**

### **5.4.1 Daylight Operation:**

5.4.1.1 No person shall operate an Ultralight except between sun-rise and sun-set.

5.4.1.2 Notwithstanding with Article (a) above, Ultralights may be during the twilight periods 30 minutes before official sunrise and 30 minutes after official, if -

- (a) The vehicle is equipped with an operating anti-collision light visible for at least 3 statute miles; and
- (b) All operations are conducted in uncontrolled airspace.

5.4.1.3 No person shall operate an Ultralight except in VMC.

### **5.4.2 Operation in-sight of the surface:**

No person shall operate an Ultralight unless clear of clouds and in sight of the surface (i.e. ground/water).

### **5.4.3 Operation in the vicinity of a controlled Aerodrome:**

No person shall operate an Ultralight within 5 nautical miles (9 km) of a controlled Aerodrome and above 200 feet AGL unless permission is obtained from the appropriate ATS unit and two-way communication is maintained with that unit.

### **5.4.4 Operations over Congested Areas:**

No person may operate an ultra light vehicle over any congested area of a city, town, or settlement, or over any open air assembly of persons.

### **5.4.5 Operations in certain Class of Airspace:**

No person shall operate an ultra light within an Aerodrome Traffic Zone, Control Zone, Terminal Control Area or along ATS Routes unless that person has prior authorization from the Air Traffic Control unit having jurisdiction over that airspace and two-way communication is maintained with that unit.

### **5.4.6 Operations in Prohibited, Danger or Restricted Areas:**

5.4.6.1 No person may operate an ultra light vehicle within a designated Prohibited Area.

5.4.6.2 No person may operate an ultra light vehicle within a designated Danger Area during the Notamized hours of activities.

5.4.6.3 No person may operate an ultra light vehicle within a designated Restricted Area unless that person has prior authorization from the user or controlling agency of that airspace.

**5.4.7 Flight Restrictions in the Proximity of Certain Areas Designated by NOTAM:**

No person shall operate an Ultralight in the proximity of certain area where flight restrictions have been imposed by NOTAM.

**5.4.8 Operations beyond the vicinity of a controlled Aerodrome:**

For operation of an Ultralight in any airspace beyond the vicinity of an Aerodrome and outside the airspaces mentioned in para 5.4.3 to 5.4.7, the operator shall coordinate with the nearest ATC unit before departure and also inform termination of the operation as soon as possible.

**5.4.8 Hazardous Operations:**

5.4.8.1 No person shall operate an Ultralight in a manner that creates a hazard to other persons or property.

5.4.8.2 Nothing shall be dropped or sprayed from an ultralight in flight except under conditions prescribed by the appropriate authority and as indicated by relevant information, advice and/or clearance from the appropriate Air Traffic Services unit.

**5.4.9 Operation near Aircraft, Right-of-Way Rules:**

5.4.9.1 Each person operating an Ultralight shall maintain vigilance so as to see and avoid aircraft and Ultralights

5.4.9.2 Powered Ultralights shall yield the right-of-way to all aircraft including unpowered Ultralights.

5.4.9.3 No person shall operate an ultralight in a manner that creates collision hazard with respect to any aircraft or ultralight.

**5.4.10 Search and Rescue (SAR) Requirements:**

5.4.10.1 Ultralights operating in controlled/ uncontrolled airspaces or intending to fly cross country should carry an approved and fully operative Emergency Locator Transmitter (ELT) or any suitable real time tracking device.

5.4.10.2 However, Ultralights intending to operate within a limited airspace designated by CAAB may not carry an ELT.

**5.5 WAIVER / EXEMPTION**

No person shall conduct operations of an Ultralight that require a deviation from this Circular except under a written waiver issued by the Chairman, CAAB.

-End-

**Appendix-1**

**(Sample: Application for issuance of UOC)**

CIVIL AVIATION AUTHORITY BANGLADESH



*Application for issuance of UOC*

1. Name of the Applicant:
2. Address of the Applicant: - - - - -  
- - - - -
3. Principal Place of Business:
4. Operations Base:
5. Maintenance Base:
6. Satellite Base, if applicable:
7. Company Detail:
  - 7.1 Name & Address: *(Attach Certified Copy of Article of Association)*
  - 7.2 Share Holders: (Names, Addresses & % of Shares of the Directors)
8. Insurance Data:

Certificate of Insurance with 3<sup>rd</sup> Party coverage:
9. Organizational Structure (Name, Qualification, Experience):
  - 9.1 Accountable Manager:
  - 9.2 Head of Operations:
  - 9.3 Head of Engineering;
  - 9.4 Head of Training:
10. List of Instructors:
  - 10.1 Flight Instructors:
  - 10.2 Ground Instructors:
11. Particulars of Ultralights:
  - 11.1 Total Number of Proposed Ultralights:
  - 11.2 Type of Ultralights:
  - 11.3 Model of Ultralights:
  - 11.4 Manufacturer's Serial Numbers:
  - 11.5 All Up Weights:
  - 11.6 Year of Manufacture:
  - 11.7 Aircraft Hours:
  - 11.8 Present Registration:

11. Maintenance Arrangement:
  - 11.1 For Ultralights:
  - 11.2 For Ultralight Equipment:
12. Aircraft Housing Arrangement:
13. Proposed Date of Operations:

DECLARATION:

I hereby declare that the proposed operation, if permitted, will be conducted in accordance with the relevant ICAO standards, Civil Aviation Rules, 1984, Air Navigation Orders, Circular on Ultralight Operation and any other directive issued by the Civil Aviation Authority, Bangladesh from time to time.

---

Signature, Name & Designation of the Applicant

Note: CAAB reserves the right to reject or cancel any application without assigning any reason.

**Appendix-2**

**(Sample: Forwarding Letter of Application for issuance of UOC)**

(Letterhead Pad of the Applicant)

[Date]

Civil Aviation Authority  
Attn: (Name),  
(Appropriate Address)

Dear Sir,

This letter serves as formal application for an Ultralight Operator Certificate intending to operate Ultralight aircraft under Civil Aviation Circular for Operation of Ultralights issued by Civil Aviation Authority, Bangladesh. We intend to operate (Number) (Type) type of Ultralights at (locations). Our company will have its principal base of operations and corporate offices located at the following address:

(Appropriate address).

We will conduct the maintenance of our ultralights and our maintenance base will be located at –

(Appropriate address).

[OR] We have signed an agreement with the approved maintenance organisation whose name and address is -

(Appropriate Name and Address of the approved maintenance organisation).

A copy of our agreement with the maintenance organisation is enclosed.

We have enclosed report copies of Financial, Economic and Legal Matters assessment.

Our management personnel are as follows:

- (i) Accountable Manager :
- (ii) Head of Operations :
- (iii) Head of Engineering :
- (iv) Head of Training :
- (v) Quality and Safety Manager :

Also enclosed is the revised Schedule-of-Events and Initial Statement of Compliance which was agreed to at our-last meeting with your representatives.

Yours Sincerely,

Signature, Name & Designation of the Applicant

Enclosures:

<b>Note:</b> Applicant shall write this Application attaching brochures and supporting documents as applicable and add pages as required.
---

**Appendix-3**

**(Sample: Ultralight Organization Certificate (UOC))**

CIVIL AVIATION AUTHORITY BANGLADESH



*Ultralight Organization Certificate (UOC)*

*UOC No: .....*

This certificate is issued to: *(Name of UO)*

Whose principal place of business is located at: *(Location of UO), Bangladesh.*

Upon finding that the organisation complies in all respects with the Circular of Bangladesh Civil Aviation Authority relating to the operation of ultralight is empowered to operate as an approved Ultralight Organisation in accordance with the specifications issued herewith, and may conduct the following operations:

- a) Operation of Ultralights for sports and recreation;
- b) Ultralight Competency Certificate (UCC) Course;
- c) Ultralight Instructor (UI) Rating Course.

This certificate, unless cancelled, suspended or revoked, shall continue in effect until date  
.....

Air Vice Marshal Ehsanul Gani Choudhury  
GUP, ndu, psc  
Chairman

Date of Issue: - - - January 2017.  
Date of Initial Issue: - - - - - January 2017.

Note: The contents of the above mentioned Certificate may be changed as applicable.

**Appendix-4**

(Sample: Application for issuance of UCC)

CIVIL AVIATION AUTHORITY BANGLADESH



Application for issuance of UCC

**PART-A** (Applicant's Part) Date of Application:

01. Name of Applicant: \_\_\_\_\_
02. Father's Name: \_\_\_\_\_
03. Mother's Name: \_\_\_\_\_
04. Date of Birth: \_\_\_\_\_ 05. National ID No./Passport No. \_\_\_\_\_
06. Present Address: \_\_\_\_\_
07. Permanent Address: \_\_\_\_\_
08. Contact No. \_\_\_\_\_ 9. E-mail: \_\_\_\_\_
10. Medical Class: \_\_\_\_\_ Medical Validity: \_\_\_\_\_
11. Academic Qualifications: \_\_\_\_\_
12. Name of Operator (UO): \_\_\_\_\_
13. Certificate (UOC) No. of Operator: \_\_\_\_\_
14. Result of Knowledge Area Subjects:

Subjects	Exam Date	% of Marks	Subjects	Exam Date	% of Marks
(1) Air Law			(6) Operational Procedures		
(2) Aircraft General knowledge			(7) Navigation		
(3) Flight Performance and planning			(8) Maintenance of Ultralights		
(4) Human performance			(9) AELPT (ELP Grade)		
(5) Meteorology					

16. Ultralight Type: \_\_\_\_\_
17. Flying Experience (including all categories of aircraft):

Type of Aircraft/ Ultralight	Operation Hours				Remarks
	Day		Night		
	Dual	Solo	Dual	Solo	
Single Engine					
Multi Engine					
Ultralight					
Total hours					

**Note-1:** Validity of knowledge subjects expire after 24 months from the Exam date of each subject, Except AELPT.  
**Note-2:** Validity of Flying Experience expires after 90 days from the date of flying.  
**Note-3:** Student Pilot must pass type technical Exam before first solo flight.



\_\_\_\_\_  
Signature & Name of the Applicant

**18. Recommendations by the Ultralight Instructor:**

- Recommended for Solo operations       Not recommended for Solo operations

\_\_\_\_\_  
Signature by the Ultralight Instructor with  
Date & Seal

**PART-B** (For use by Ultralight Training Organization)

The statement given in Part-A has been verified and found correct.

\_\_\_\_\_  
*INITIATED BY*  
(Signature & Seal)

\_\_\_\_\_  
*CHECKED BY*  
(Signature & Seal)

\_\_\_\_\_  
*APPROVED BY*  
(Signature & Seal)

**Note-4:** UO will scrutinize the application and, if satisfactory, will prepare the Certificate (in duplicate) in favor of the Applicant and send the Certificates File along with relevant documents to CAAB (PEL Section) for acceptance.

**PART-C** (For use by CAAB)

Photocopies of necessary documents are enclosed.

\_\_\_\_\_  
*INITIATED BY*  
(Signature & Seal)

\_\_\_\_\_  
*CHECKED BY*  
(Signature & Seal)

\_\_\_\_\_  
*ACCEPTED BY*  
(Signature & Seal)

**Note-5:** (a) PEL Section will scrutinize the relevant documents and, if satisfactory, will 'Accept' the Certificate and will keep one copy of the Certificate for record.  
(b) UO will then receive the File from CAAB and will issue the Certificate (UCC) to the Applicant.

**Note-6:** CAAB reserves the right to reject or cancel any application without assigning any reason.

**Appendix-5**

**(Sample: Application for Renewal/Revival of UCC)**

CIVIL AVIATION AUTHORITY BANGLADESH



*Application for Renewal/Revival of UCC*

**PART-A** (Applicant's Part)

Date of Application:

01. Name of Applicant: \_\_\_\_\_
02. Father's Name: \_\_\_\_\_
03. Mother's Name: \_\_\_\_\_
04. Date of Birth: \_\_\_\_\_ 05. National ID No./Passport No. \_\_\_\_\_
06. Present Address: \_\_\_\_\_
07. Permanent Address: \_\_\_\_\_
08. Contact No. \_\_\_\_\_ 9. E-mail: \_\_\_\_\_
10. Medical Class: \_\_\_\_\_ Medical Validity: \_\_\_\_\_
11. Academic Qualifications: \_\_\_\_\_
12. Name of Operator (UO): \_\_\_\_\_
13. Certificate (UOC) No. of Operator: \_\_\_\_\_
14. Previous UCC No. & issuing UO: \_\_\_\_\_
15. Result of Knowledge Area Subjects:

Subjects	Exam Date	% of Marks	Subjects	Exam Date	% of Marks
(1) Air Law			(6) Operational Procedures		
(2) Aircraft General knowledge			(7) Navigation		
(3) Flight Performance and planning			(8) Maintenance of Ultralights		
(4) Human performance			(9) AELPT (ELP Grade)		
(5) Meteorology					

17. Ultralight Type: \_\_\_\_\_
18. Flying Experience (including all categories of aircraft):

Type of Aircraft/ Ultralight	Operation Hours				Remarks
	Day		Night		
	Dual	Solo	Dual	Solo	
Single Engine					
Multi Engine					

**Civil Aviation Circular on Operation of Ultralight Aircraft**

---

Ultralight					
Total hours					

**Note-1:** Validity of knowledge subjects expire after 24 months from the Exam date of each subject, except AELPT.

**Note-2:** Validity of Flying Experience expires after 90 days from the date of flying.

**Note-3:** Student Pilot must pass type technical Exam before first solo flight.

\_\_\_\_\_  
Signature & Name of the Applicant

**PART-B** (For use by Ultralight Training Organization)

The statement given in Part-A has been verified and found correct.

Recommended for Renewal/Revival       Not recommended for Renewal/Revival

\_\_\_\_\_  
*INITIATED BY*  
(Signature & Seal)

\_\_\_\_\_  
*CHECKED BY*  
(Signature & Seal)

\_\_\_\_\_  
*APPROVED BY*  
(Signature & Seal)

**Note-4:** UO will scrutinize the application and, if satisfactory, will prepare the Certificate (in duplicate) in favor of the Applicant and send the Certificates File along with relevant documents to CAAB (PEL Section) for acceptance.

**PART-C** (For use by CAAB)

\_\_\_\_\_  
*INITIATED BY*  
(Signature & Seal)

\_\_\_\_\_  
*CHECKED BY*  
(Signature & Seal)

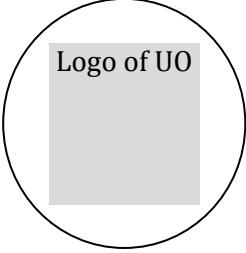
\_\_\_\_\_  
*ACCEPTED BY*  
(Signature & Seal)

**Note-5:** (a) PEL Section will scrutinize the relevant documents and, if satisfactory, will 'Accept' the Certificate and will keep one copy of the Certificate for record.  
(b) UO will then receive the File from CAAB and will issue the Certificate (UCC) to the Applicant.

**Note-6:** CAAB reserves the right to reject or cancel any application without assigning any reason.

**Appendix-6**

**(Sample: Ultralight Competency Certificate (UCC))**

 <p><i><b>Ultralight Competency Certificate (UCC)</b></i></p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%; padding: 5px;"> <ol style="list-style-type: none"> <li>1. Bangladesh</li> <li>2. Ultralight Competency Certificate</li> <li>3. Certificate Number</li> </ol> <p style="text-align: center;">Particulars of the Holder:</p> <ol style="list-style-type: none"> <li>4. Name in full:</li> <li>5. Address:</li> <li>6. Nationality:</li> <li>7. Date of Birth:</li> <li>8. Place of Birth:</li> <li>9. Signature:</li> </ol> </td> <td style="width: 20%; text-align: center; vertical-align: top; border: 1px solid black; padding: 5px;">Photo</td> </tr> </table>	<ol style="list-style-type: none"> <li>1. Bangladesh</li> <li>2. Ultralight Competency Certificate</li> <li>3. Certificate Number</li> </ol> <p style="text-align: center;">Particulars of the Holder:</p> <ol style="list-style-type: none"> <li>4. Name in full:</li> <li>5. Address:</li> <li>6. Nationality:</li> <li>7. Date of Birth:</li> <li>8. Place of Birth:</li> <li>9. Signature:</li> </ol>	Photo
<ol style="list-style-type: none"> <li>1. Bangladesh</li> <li>2. Ultralight Competency Certificate</li> <li>3. Certificate Number</li> </ol> <p style="text-align: center;">Particulars of the Holder:</p> <ol style="list-style-type: none"> <li>4. Name in full:</li> <li>5. Address:</li> <li>6. Nationality:</li> <li>7. Date of Birth:</li> <li>8. Place of Birth:</li> <li>9. Signature:</li> </ol>	Photo		
Name of the UO issuing the Certificate:			

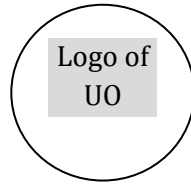
<p>10. This Certificate is issued in accordance with the Civil Aviation Circular for Operations of Ultralights.</p> <p>11. Provided that holder of this Certificate also holds a current certificate of medical validity (C.A. Form 104) in respect of this Certificate, he/she is authorized to operate Ultralight(s) in accordance with the terms and conditions specified in Articles 13 &amp; 14 hereunder.</p> <p>12. Signature of Issuing officer. -----</p> <p>Date and Stamp: -----</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: left; padding: 5px;">13. Ultralight Type rating(s):</th> </tr> <tr> <th style="width: 70%; padding: 5px;">Type(s) of Ultralights:</th> <th style="width: 30%; padding: 5px;">(signature, Date &amp; Seal)</th> </tr> <tr> <td style="height: 40px;"></td> <td></td> </tr> <tr> <td style="height: 40px;"></td> <td></td> </tr> <tr> <td style="height: 40px;"></td> <td></td> </tr> </table>	13. Ultralight Type rating(s):		Type(s) of Ultralights:	(signature, Date & Seal)						
13. Ultralight Type rating(s):											
Type(s) of Ultralights:	(signature, Date & Seal)										

13. (continued) -	14. Endorsements of Limitations (if any):								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 30%; padding: 5px;">Type(s) of Ultralights:</th> <th style="width: 20%; padding: 5px;">(signature, Date &amp; Seal)</th> </tr> <tr> <td style="height: 40px;"></td> <td></td> </tr> <tr> <td style="height: 40px;"></td> <td></td> </tr> <tr> <td style="height: 40px;"></td> <td></td> </tr> </table>	Type(s) of Ultralights:	(signature, Date & Seal)							
Type(s) of Ultralights:	(signature, Date & Seal)								

**Appendix-7**

**(Sample: Application for issuance/renewal of UIC)**

Name of the UO



*Application for issuance/ renewal of UIC*

<b>PART-A</b> (Applicant's Part)	<b>Date of Application:</b>
----------------------------------	-----------------------------

01. Name of Applicant: \_\_\_\_\_
02. Father's Name: \_\_\_\_\_
03. Mother's Name: \_\_\_\_\_
04. Date of Birth: \_\_\_\_\_ 05. National ID No./Passport No. \_\_\_\_\_
06. Present Address: \_\_\_\_\_
07. Permanent Address: \_\_\_\_\_
08. Contact No. \_\_\_\_\_ 9. E-mail: \_\_\_\_\_
10. Medical Class: \_\_\_\_\_ Medical Validity: \_\_\_\_\_
11. Licence No. \_\_\_\_\_ Licence Validity: \_\_\_\_\_
12. Name of Operator (UO): \_\_\_\_\_
13. Certificate (UOC) No. of Operator: \_\_\_\_\_
14. Current UCC/UIC No. & issuing UO: \_\_\_\_\_
15. Evidence of Successful Completion of Instructional Technique Knowledge: Yes  No
16. Evidence of Successful Presentation(s) of Instructional Technique: Yes  No
17. Ultralight Type: \_\_\_\_\_

18. Flying Instructional Experience:

Type of Aircraft/ Ultralight	Operation Hours				Remarks
	Day		Night		
	Dual	Solo	Dual	Solo	
Single Engine					
Multi Engine					
Ultralight					
Total hours					

**Note-1:** Validity of knowledge subjects expire after 24 months from the Exam date of each subject.  
**Note-2:** Validity of Flying Instructional Currency expires after 90 days from the date of flying.

\_\_\_\_\_  
 Signature & Name of the Applicant

**PART-B** (For use by Ultralight Training Organization)

The statement given in Part-A has been verified and found correct.

Recommended for UIC

Not recommended for UIC

\_\_\_\_\_  
*INITIATED BY*  
(Signature & Seal)

\_\_\_\_\_  
*CHECKED BY*  
(Signature & Seal)

\_\_\_\_\_  
*APPROVED BY*  
(Signature & Seal)

Note-4: UO will scrutinize the application and, if satisfactory, will prepare the Certificate (in duplicate) in favor of the Applicant and send the Certificates File along with relevant documents to CAAB (PEL Section) for acceptance.

**PART-C** (For use by CAAB)

Photocopies of necessary documents are enclosed.

\_\_\_\_\_  
*INITIATED BY*  
(Signature & Seal)

\_\_\_\_\_  
*CHECKED BY*  
(Signature & Seal)

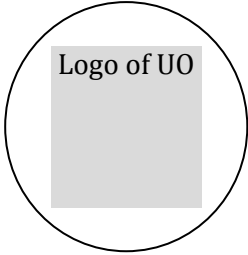
\_\_\_\_\_  
*ACCEPTED BY*  
(Signature & Seal)

**Note-4:** (a) PEL Section will scrutinize the relevant documents and, if satisfactory, will 'Accept' the Certificate and will keep one copy of the Certificate for record.  
(b) UO will then receive the File from CAAB and will issue the Certificate (UIC) to the Applicant.

**Note-5:** CAAB reserves the right to reject or cancel any application without assigning any reason.

**Appendix-8**

**(Sample: Ultralight Instructor Certificate (UIC))**

 <p><b>Ultralight Instructor Certificate (UIC)</b></p> <p>Name of the UO issuing the Certificate:</p>	<p>1. Bangladesh</p> <p>2. Ultralight Instructor Certificate</p> <p>3. Certificate Number:</p>	<p>Photo</p>
	<p>Particulars of the Holder:</p> <p>4. Name in full:</p> <p>5. Address:</p> <p>6. Nationality:</p> <p>7. Date of Birth:</p> <p>8. Place of Birth:</p> <p>9. Signature:</p>	

<p>10. This Certificate is issued in accordance with the Civil Aviation Circular for Operations of Ultralights.</p> <p>11. Provided that holder of this Certificate also holds a current certificate of medical validity (C.A. Form 104) in respect of this Certificate, he/she is authorized to impart training to trainees for attaining UCC in accordance with the terms and conditions specified in Articles 13 &amp; 14 hereunder.</p> <p>12. Signature of issuing officer. -----</p> <p>Date and Stamp: -----</p>	<p>13. Ultralight Type rating(s):</p>	
	<p>Type(s) of Ultralights:</p>	<p>(signature, Date &amp; Seal)</p>

<p>13. (continued) -</p>		<p>14. Endorsements of Limitations (if any):</p>
<p>Type(s) of Ultralights:</p>	<p>(signature, Date &amp; Seal)</p>	