 ISSUE OF A CERTIFICATE OF AIRWORTHINESS

1.0 PURPOSE

This order is issued to provide information and guidance to the Airworthiness inspectors when assessing an aircraft for issue of a Certificate of Airworthiness in accordance with the requirements of the Regulations.

2.0 REFERENCES

2.1 Regulation 8 of the Civil Aviation (Airworthiness) Regulations.
2.2 Regulation 12 of the Civil Aviation (Airworthiness) Regulations.
2.3 Regulations 10, 11, 12 and 13 of the Civil Aviation (Aircraft Registration and Markings) Regulations.

3.0 INFORMATION AND GUIDANCE

3.1 Pre-Requisite

3.1.1 Uganda can only issue a Certificate of Airworthiness to an aircraft that is on the Uganda civil aircraft register.

3.1.2 A certificate of airworthiness must only be issued to a type certificated aircraft acceptable to the authority in compliance with Regulation 4 of the Civil Aviation (Airworthiness) Regulations.

3.2 Aircraft Type Certificate Compliance Requirements

3.2.1 Certificates of Airworthiness are issued only to aircraft with a type certificate or equivalent document issued by a contracting state of design in respect of an aircraft or component provided that:

a) The type certificate or equivalent document was issued on or based on an airworthiness code recognized by the authority.

b) The design, materials, construction, equipment, evaluation against a recognized airworthiness code has been carried out by the authority and has been found to:

(i) Meet the required standards of the recognized airworthiness code and
(ii) Have complied with any recommendations required by the Authority.

3.2.2 The recognized airworthiness code – are standards relevant to the design, materials, construction, equipment, performance and maintenance planning of aircraft or aircraft components issued by the state of design that are acceptable to the Authority.

3.2.3 For effective aircraft safety oversight, there should be manufactures:

a) Aircraft technical documents and literature (e.g. flight manual, maintenance manuals etc) published in English.

b) Provisions to timely mail to the authority and the operator the current amendments of all relevant aircraft technical and operation literature.

c) The aircraft equipment, instruments indication markings and placards to be in English and Arabic numerals.

d) The aircraft type design should be incorporating the minimum recommended emergency features and equipment with clear operating instructions in English.

3.2.4 An aircraft that does not satisfy these Type Certificate requirements is classified non-compliant and cannot be issued a Certificate of Airworthiness.

3.3 Application for a Certificate of Airworthiness

3.3.1 Regulation 7 of the Civil Aviation (Airworthiness) Regulations requires an appropriate duly completed application Form for issue of a certificate of airworthiness to be submitted by the owner of an aircraft, agent of the owner or operator to the Authority.

3.3.2 The application Form: AC-AWS 002A should have the following attachments:

a) Copy of the aircraft Certificate of Registration;

b) Copy of the previous C of A or of the Export C of A;

c) Aircraft Flight Manual or Pilot Hand-Book;

d) The aircraft Airworthiness Directives status report;

e) A statement of compliance with the authority requirements and manufactures service bulletins;

f) Aircraft previous twelve months maintenance review report and Form: CAA-AWS-002B;

g) Life Limited components status report;

h) Current Weight and Balance schedule report;

i) Copy of Latest major scheduled maintenance certificate release to service, and inspection summary;

j) Copy of the current certificate of release to service if different from (i) above;

k) Record of the aircraft equipment and systems installations Form CAA-AWS-002C;
l) Copy of the current aircraft Radio Station licence;

m) Copy of the current stand-by compass swing schedule report;

n) Aircraft certificate of insurance; and

o) Copy of the C of A test flight schedule report (as may be required).

Note:

(i) The major components (e.g. engines, propellers, APU’s, landing gears) status report should indicate the time to the next shop visit or overhaul, hours and cycles since new, the time between overhaul, as applicable.

(ii) All work for the maintenance of airworthiness of the aircraft must be carried out under the supervision of appropriately licensed aircraft maintenance personnel or of an organization approved by, or acceptable to, the Authority. Full particulars of the work done must be entered in the appropriate log book and a Certificate of Release to Service issued;

3.3.3 Other Documents that are required include:

a) A copy each of the manufacturer’s maintenance, overhaul, wiring, repair manuals and illustrated parts catalogues;

b) A complete set of all manufacturer’s service bulletins or equivalent documents issued in respect of the aircraft;

c) A copy of the aircraft flight manual;

d) A copy of the minimum equipment list (MEL) and the current master minimum equipment list (MMEL) as applicable.

e) Copy of the proposed aircraft maintenance schedule or program.

f) Log-Books for the aircraft, engines, propellers and the technical-log as are applicable for the relevant aircraft.

3.3.4 Application and Documents Evaluation

Carry out an in depth document evaluation to verify that they are authentic, relate to the aircraft, as applicable.

3.3.5 Flight Test for the Issue of a Certificate of Airworthiness

a) At the time of application for issue of Certificate of Airworthiness, the aircraft should have been test flown in accordance with a flight test schedule acceptable to the Authority

b) General airworthiness flight tests are normally required (as applicable) for:

   (i) Performance verification before the issue of a C of A to an aircraft which had previously been issued with a Certificate of Airworthiness by a Contracting State;

   (ii) Aircraft being flown for performance verification before the renewal of a C of A.

   (iii) Aircraft under performance investigation after major maintenance activity that could have affected the aircraft flight characteristics or for the approval of modifications incorporated on an aircraft that has a current Certificate of Airworthiness.
c) The airworthiness flight tests are carried out by pilots and crew approved for the purpose by the Authority.

3.3.6 C of A Pre-Issue Aircraft Inspection

a) This inspection normally is carried out after successful application and document evaluation.

b) The inspection is meant to evaluate and ensure that:

(i) The aircraft physical condition, operation components installation, emergency equipment, Markings and Placards are in place and satisfactory and acceptable condition.

(ii) The aircraft Flight Manual, Company Operations Manual, Minimum Equipment List and Technical Log-Book have been provided on the aircraft. And appropriate Log-Books have been initiated.

(iii) That the aircraft life history technical and maintenance records are available, up-dated and generally acceptable for a civil registered aircraft.

*Note: It is required to rectify all outstanding defects, comply with all due mandatory inspection, modification and replacement requirements at the C of A issue.*

3.3.7 Issue of a Certificate of Airworthiness

When the Authority is satisfied that all the applicable regulatory requirements have been complied with and the required issue fee has been paid, the Certificate of Airworthiness is issued.

3.3.8 Period of Validity of a Certificate of Airworthiness

a) A certificate of airworthiness is valid for a period of twelve months.

b) A certificate of airworthiness ceases to be valid on the expiration date as indicated on the certificate and when:

(i) The aircraft or such of its equipment as is necessary for the airworthiness of the aircraft is maintained, overhauled, repaired or modified or if any part of the aircraft or such equipment is removed or if any part of the aircraft is replaced, otherwise than in a manner and with material of a type approved by the Authority.

(ii) The aircraft or any of its equipment is not maintained as required by the maintenance programme or schedule approved by the Authority.

(iii) An inspection or modification classified as mandatory by the Authority, state of design/manufacture applicable to the aircraft or of any such equipment has not, been completed as required.

(iv) The aircraft or any such equipment as required for safe operation has sustained damage.

c) The Authority can amend, extend, suspend, revoke or terminates the certificate of airworthiness when it is deemed necessary for flight safety reasons.
3.3.9 Revision of Manuals and Technical Literature

The applicant is required to make the necessary arrangements with aircraft and engine manufacturers for the provision of amendments to all the manuals including those submitted to the Authority, and all service bulletins that may be issued from time to time.

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Civil Aviation Authority