



# Advisory Circular

CAA-AC-AWS013A

July 2018

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## RECOGNITION OF AIRWORTHINESS CODE AND ACCEPTANCE OF TYPE CERTIFICATE

### 1.0 PURPOSE

This Advisory Circular is issued to provide guidance and information for recognition of Airworthiness code and acceptance of a Type Certificate or equivalent document issued by a state of design/manufacture in respect of aircraft, engines and propellers.

### 2.0 REFERENCES

- 2.1.1 Regulation 4 of the Civil Aviation (Airworthiness) Regulations, 2018
- 2.1.2 Application Form: AC-AWS013

### 3.0 DEFINITIONS

- 4.1.1 **Recognized Airworthiness Code** means “standards relating to the design, materials, construction, equipment, performance and maintenance of aircraft or aircraft component issued by the States of Design”.
- 4.1.2 **Type Certificate** means “a document issued by a Contracting State to define the design of an aircraft type and to certify that this design meets the appropriate airworthiness code (requirements) of that State”.

### 4.0 GENERAL GUIDANCE AND INFORMATION

- 3.1.1 Type acceptance is a process involving validation of a foreign type certificate. An operator intending to import an aircraft with a type certificate from a country that the Authority has no previous experience, should make a formal application in writing.
- 3.1.2 The Authority may accept a type certificate or equivalent document issued by a state of design if the type certificate or equivalent document was issued based on an airworthiness code recognised by the Authority and complies with the design, materials, construction, equipment, performance and maintenance of aircraft, engines, or propellers.
- 3.1.3 For type acceptance, the applicant must show that the aircraft complies with an airworthiness code and environmental standards acceptable to the Authority by submitting to the Authority all aircraft type documentation for evaluation.

## 5.0 APPLICATION FOR ACCEPTANCE OF TYPE CERTIFICATE

5.1.1 The applicant shall an application to the Authority through Form: AC-AWS013 together with originals of Type certificate, Type Certificate data sheet, Maintenance Manual, Parts Catalogue, and Service information necessary evaluation and acceptance.

5.1.2 In addition, the applicant shall provide the following documents:

### 1. Aircraft

- i) A statement of the applicable design certification standards.
- ii) General interior arrangement configuration drawings.
- iii) Three-view drawing exterior configuration).
- iv) Master drawing list.
- v) Master equipment list.
- vi) Aircraft Flight Manual including the Configuration Deviation List, if applicable.
- vii) Instructions for Continued Airworthiness.
- viii) Certification compliance (checklist).
- ix) Data and descriptive information needed by the Authority to approve the type certificate data sheet.
- x) Listing of service life for critical parts subject to fatigue, if this information is not provided elsewhere in the above data.

### 2. Aircraft Engines.

- i) Cross-Section arrangement drawing.
- ii) Master drawing list.
- iii) Instructions for Continued Airworthiness.
- iv) Operating manual.
- v) Installation manual.
- vi) Certification compliance (checklist).
- vii) Data and descriptive information needed by the 'Authority' to prepare the type certificate data sheet.
- viii) Listing of service life for critical parts subject to fatigue, if this information is not provided elsewhere in the above data.

### 3. Propellers.

- i) General arrangement drawings and model description.
- ii) Master drawing list.
- iii) Installation manual.
- iv) Instructions for Continued Airworthiness.
- v) Operating manual.
- vi) Certification compliance (checklist).
- vii) Data and descriptive information needed by the 'Authority' to prepare the type certificate data sheet.
- viii) Listing of service life for critical parts subject to fatigue, if this information is not provided elsewhere in the above data.

5.1.3 The application shall state which models of aircraft are to be included on the Type Certificate. Each model included on the foreign Type Certificate must be covered by the data requirements of paragraph 5.1.1 and 5.1.2.

5.1.4 A more in-depth review shall be facilitated by the applicant during a validation visit by the Authority to the type certificate holder.

This is an opportunity for the Authority to become familiar with the aircraft and the approval process and paperwork, as well as establishing contacts with the type certificate holder. This process will require significant acceptance action and subsequent regulatory oversight by the Authority. The following training will be provided to the Authority staff involved in acceptance of aircraft —

- a) full type-rating course for a flight operations inspector for each type; and
- b) a general familiarization course for airworthiness inspector including the area of avionics systems.

5.1.5 The type certificate holder shall provide the Authority with access to continuing airworthiness information prior to submitting the application.

## **6.0 ACCEPTANCE, DENIAL OR CANCELLATION OF TYPE CERTIFICATION**

### **6.1 Acceptance of Type Certificate subject to conditions**

6.1.1 The ‘Authority’ may, accept Type Certificate subject to a condition, if there are reasonable safety conditions, provided the condition is substantially the same as a condition imposed by the National Airworthiness Authority of a recognised country on the corresponding foreign Type certificate.

6.1.2 The ‘Authority’ may also accept a Type Certificate subject to other conditions, provided there are safety conditions for believing that accepting the certificate without imposing conditions or taking other measures would constitute a significant threat to aviation safety.

6.1.3 The Authority upon acceptance of a Type Certificate, shall issue an *Acceptance Letter* specific to the model and type of Aircraft applied for.

6.1.4 The Authority may issue a Certificate of Airworthiness (C of A) or Restricted C of A subject to acceptance of a type certificate and complying with additional requirements as prescribed pursuant to Regulation 4 (2) of the Civil Aviation (Airworthiness) Regulations, 2018.

### **6.2 Denial, Suspension or cancellation of Acceptance of Type Certificate**

6.2.1 The Authority’ may not accept a Type Certificate if there are reasonable safety conditions not to do so.

6.2.2 The ‘Authority’ may suspend or cancel an Accepted Type Certificate if it considers it necessary to do so in the interests of aviation safety. An inability on the part of the Type Certificate holder to provide ongoing technical support for the aircraft type may constitute grounds for suspension or cancellation.

6.2.3 The Authority upon denial, suspension or cancellation, notify the applicant in writing giving reasons for such action.

## **7.0 RECOGNITION OF AIRWORTHINESS CODE**

5.1.1 The recognition of airworthiness codes is an activity between the Civil Aviation Authorities of the State of Manufacture/design and the KCAA facilitated by the applicant.

5.1.2 The Authority may accept Airworthiness Codes issued by a State of design in respect of class of aircraft, engines and propellers that the design, materials, construction equipment, performance and maintenance of aircraft, engine or propeller meet the required standards of the recognised airworthiness code.

5.1.3 In compliance with the Civil Aviation (Airworthiness) Regulations, the following Airworthiness codes are accepted:

- a) USA (FAA-FAR's):
  - i) Part 23 – Airworthiness standards: Normal, utility, acrobatic and commuter category Aeroplanes.
  - ii) Part 25 – Airworthiness standards: Transport category aeroplanes;
  - iii) Part 26 – Continued airworthiness and safety improvements for transport category aeroplanes;
  - iv) Part 27 – Airworthiness standards: Normal category rotorcraft;
  - v) Part 29 – Airworthiness standards: Transport category rotorcraft;
  - vi) Part 33 – Airworthiness standards: Aircraft engines; and
  - vii) Part 35 – Airworthiness standards: Propellers.
- b) UK (CAA-BCAR SECTION A- CAP 553)
- c) CANADA (TCAA-CARS 2015-2, PART V-STANDARD 561)
- d) BRAZIL (ANAC –RBHA):
  - i) RBHA 21—Aeronautical Product Certification
  - ii) RBHA 22- Normal, Utility, Aerobatic
  - iii) RBHA 27- Normal Rotorcraft
- e) EU- EASA:
  - i) CS-23 – Normal, Utility, Aerobatic and Commuter Aeroplanes;
  - ii) CS-25 – Large Aeroplanes;
  - iii) CS-26 – Continued airworthiness and safety improvements for transport category aeroplanes;
  - iv) CS-27 – Small Rotorcraft;
  - v) CS-29 – Large Rotorcraft;
  - vi) CS-E – Engines; and
  - vii) CS-P – Propellers.



**Kenya Civil Aviation Authority**

**APPLICATION FOR TYPE CERTIFICATE ACCEPTANCE**

<b>AIRCRAFT PARTICULAR</b>	
State of Manufacture	
Manufacturer	
Type and Model	
Type Certificate Number	
<b>APPLICANT'S DETAILS</b>	
Name of Proposed Operator	
Physical Address (Location)	
Tel.	
E- mail	
<p>I certify that the above information above are true.</p> <p>Signature.....Date...../...../.....</p> <p>Name.....</p> <p>Title.....</p>	