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DEPARTMENT OF CIVIL AVIATION  
**Airworthiness Notices**

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**ISSUE, RENEW AND VALIDATION OF CERTIFICATE OF AIRWORTHINESS (C of A)**

**1. INTRODUCTION**

- 1.1 Myanmar Aircraft Rules requires that all Myanmar Registered aircraft must possess a valid Certificate of Airworthiness (C of A) before it is flown, unless it is flown for the purpose of flight test or under agreement from DCA.
- 1.2 This airworthiness Notices specifies that the information, guidance and compliance by Owners/ Operators who are importing the aircraft and provides requirements for the Issue, Renew and Validation of Certificate of Airworthiness.

**2. ISSUANCE OF CERTIFICATE OF AIRWORTHINESS**

**2.1 ACCEPTED AIRWORTHINESS STANDARDS**

- 2.1.1 Each aircraft imported, into Myanmar for which a Certificate of Airworthiness is to be issue or validated, shall conform to the Design Standards and be in a condition for safe operation. To be eligible for issuance of Certificate of Airworthiness, an aircraft must be Type Certificated acceptable by DCA. Myanmar DCA accepted Design Standards are specified in regulations issued by the European Aviation Safety Agency (EASA) of the European Union, including EASA Certification Specifications (CS) 23, 25, 27, 29, 31, 34, 36, –E and –P, (or) issued by Federal Aviation Administration (FAA) of the United States of America, including Title 14 Code of Federal Regulations (CFR) Parts 23, 25, 27, 29, 31, 33, 34, 35 and 36, respectively.
- 2.1.2 For issue/ validation of Certificate of Airworthiness of aircraft, which do not fulfill the Design Standards mentioned above, the Owners/ Operators may consult to DCA, before importing such aircraft, to determine the Design Standards of the aircraft.
- 2.1.3 Notwithstanding the above, DCA may require certain special conditions such as installation of equipment/ instruments, modification to be complied with, before accepting the type certificate for ensuring safety of aircraft operation.

**2.2 AIRWORTHINESS DIRECTIVES**

- 2.2.1 The Owners/ Operators is responsible to ensure that all applicable ADs are complied with and all applicable Major Repairs and Mandatory Modifications are also carried out in accordance with the instructions of those documents.
- 2.2.2 Unless otherwise directed by DCA, Owners or Operators of aircraft registered in Myanmar must comply with all ADs or similar mandatory instructions issued by the Airworthiness Authority of the State of Design.

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2.3 TECHNICAL PUBLICATIONS

2.3.1 If the type of aircraft is being Introduced/ Imported into the country for the first time (new or used), the Owner/Operator shall supply all of the Manufacturer's updated Technical Publications and Documents based with up-to-date amendments as per Airworthiness Notices A/9 to DCA.

Note: Documents issued by the manufacturers in electronic format in lieu of hard copies are acceptable.

2.3.2 The copy of following Documents shall also be submitted:

- (i) Duly filled original Log Books along with record of all applicable Modification, Airworthiness Directive, Inspection, ... , have been complied since the time of issue of Export C of A with a confirmation from head of Quality Department of Owner/ Operator.
- (ii) In case the aircraft was imported in a dismantled condition, after re-installation, a certificate signed by an appropriately Licensed/Authorized person(s) along with the flight test report by the pilot Authorized for the purpose.
- (iii) Flight Test Report (within the last 30 calendar days may be acceptable) for the Aircraft including the Communication, Navigation and Avionics systems.
- (iv) An Electrical Load Analysis covering all services, if the aircraft has undergone Modification needs such analysis.
- (v) Weighing Report and Weight & Balance Schedule giving the empty weight and/or basic weight CG location.
- (vi) List of Component/ Rotable giving details of components' history for each major component.
- (vii) Inspection or Review Certificate including recommendation and all other documents requested by DCA.

2.4 ISSUE OF C OF A

2.4.1 On receipt of the application along with the necessary fees in accordance with Airworthiness Notices A/54, requisite documents and the aircraft conforms to the stipulated Airworthiness Design Standards, DCA will make Physical Inspection of the aircraft to the extent possible, to establish that all the Instruments and Equipment as per applicable MCARs have been installed and are in serviceable condition, the Communication and Navigation equipments have been in serviceable condition, the aircraft is airworthy and does not have any unsafe features which may jeopardize the airworthiness or safety of aircraft and scrutiny of other related documents. If satisfy by DCA, the Certificate of Airworthiness, CA Form 171, may be Issued in any of the category mentioned in Airworthiness Notices A/12.

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2.4.2 In the case of any deficiency noticed during inspection, the Owner/ Operator must clear all the deficiencies pointed out before the issuance of Certificate of Airworthiness.

### **3. VALIDITY OF CERTIFICATE OF AIRWORTHINESS**

The validity of Certificate of Airworthiness shall be specified on the back of the Certificate.

### **4. CONDITIONS FOR CONTINUED VALIDITY OF CERTIFICATE OF AIRWORTHINESS**

The Continued Validity of the C of A shall be subject to the following conditions:

- (i) all due maintenance specified in the applicable Maintenance Programme have been completed; and
- (ii) all Airworthiness Directives/ Mandatory Modifications have been complied with; and
- (iii) all Modifications and Repairs carried out conform to the applicable requirements; and
- (iv) each discrepancy recorded in the Technical Log has been action and certified; and
- (v) all applicable Maintenance have been completed and Certified; and
- (vi) all Components' lives are within the limits laid down in the applicable Maintenance Manual; and
- (vii) Weight and Balance data is accurate and within the limitations of the Aircraft Type Certificate Data Sheets; and
- (viii) Flight Manual is current version for the aircraft;
- (ix) All documents and safety equipment on board are updated and in proper condition; and
- (x) General Condition of the aircraft with satisfactory results.

### **5. RENEWAL OF CERTIFICATE OF AIRWORTHINESS**

#### **5.1 PROCEDURE**

5.1.1 An application for renewal of C of A (From C.A75) shall be completed and submitted to Airworthiness Division *do not later than 15 days prior to* the date of expiry of the Certificate of Airworthiness by the Owner/Operator. The application shall be accompanied by the appropriate fees and required documents duly signed by *the head of Quality Department* of the AMO/Operator.

5.1.2 The applicant shall make the aircraft available for reasonable period at a time and place acceptable to DCA for such checks and inspections as may be required. To avoid grounding of aircraft the aircraft shall be made available to DCA inspectors within 15 days prior to expiry of current C of A. The applicant shall establish that the aircraft is airworthy in all respects. The applicant shall also provide the necessary personnel and equipment so that required checks and inspections may be satisfactorily carried out.

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5.1.3 The operator shall carry out Flight Tests as specified by the manufacturer and provide satisfactory functioning of the avionics, performance and handling qualities of the aircraft during flight should be established.

5.1.4 All relevant records of aircraft maintenance, flight tests and calibration shall be made available to the DCA inspectors at the time of inspection for renewal of C of A.

**5.2 DOCUMENTS TO BE PROVIDED TO DCA FOR RENEWAL OF C OF A**

5.2.1 A copy of an inspection report giving brief details of the work done since last issue/renewal of C of A to establish that the aircraft had been maintained to assure its continued airworthiness. This report should be in the form of a schedule and should include the following documents:

- a) A record of work accomplished and any major component change since the last issue/renewal of C of A;
- b) A record showing details of major checks carried out since the last issue/renewal of C of A;
- c) A record of airframe, engine(s), APU and propeller(s) flying hours as follows:
  - (i) the total flying hours for the airframe since new and the flying hours since the last issue/renewal of C of A;
  - (ii) the total flying hours for the engine(s) and APU since new and the flying hours since the last overhaul (if any);
  - (iii) the total flying hours for the propeller(s) since new and the flying hours since the last overhaul (if any);

5.2.2 A record showing compliance with:

- a) Airworthiness Directive / Mandatory Modification compliance status;
- b) Compliance status of Approved Aircraft Maintenance Programme/Schedule including SSID and CPCP (if applicable)
- c) Airworthiness Directive, Modifications and Service Bulletins complied since the last Issue/Renewal of C of A;
- d) Major defects encountered, rectification action and analysis report;
- e) Accident / Incident that the aircraft suffered and action taken;
- f) a record of major component changes;
- g) the mass and Center of Gravity schedule and a list of basic equipment and mass growth charts.
- h) A flight test report for the avionics systems and performance evaluation of the aircraft;
- i) Inspection and review certificate including recommendation and all required documents by DCA.

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5.2.3 Annual inspection at the flight data recorder (FDR) system shall be performed. The read out of the recorded data from (FDR) shall ensure that the recorder operates correctly for the nominal duration of the recording. The report of the annual inspection of FDR shall be submitted to DCA prior to the renewal of C of A. The FDR must be checked to ensure proper parameter allocation, conversion equations, periodic calibration and other Serviceability/Maintenance information as described in applicable MCARs and Airworthiness Notices. An owner or operator shall maintain documentation concerning FDR parameter allocation, conversion equations, periodic calibration and other serviceability/ maintenance information.

### 5.3 GENERAL REQUIREMENTS FOR RENEWAL OF C OF A

- 5.3.1 The applicant shall ensure that no structural inspection including Supplemental Structural Inspection is due, no Mandatory Modification/Inspection/SBs is outstanding and the "Lives" of all the (major) components are still within valid operational limits.
- 5.3.2 The applicant shall ensure that all installed equipment on board the aircraft, are in serviceable condition.
- 5.3.3 The applicant shall ensure that all the documents required are on board the aircraft and current.
- 5.3.4 In case the final inspection of the aircraft and its documents, after the expiry of the Certificate of Airworthiness, the validity of C of A may start from the date of final inspection.

## **6. PROCEDURE FOR ISSUE/RENEW OF CERTIFICATE OF AIRWORTHINESS AT ABROAD**

In such a case, the applicant may provide DCA with full justification of such exigencies. The C of A will be Issued/ Renewed after following the same procedure as prescribed above and inspection of the location will have to be carried out at such placed.

## **7. SUSPENSION OR CANCELLATION OF CERTIFICATE OF AIRWORTHINESS**

The Certificate of Airworthiness shall cease to be valid if:

- (i) Approved Aircraft Maintenance Programme is not complied;
- (ii) "Lived" components are not replaced/ CMR items not complied;
- (iii) Mandatory Modifications/ Inspections/ SBs are not carried out, as and when due;
- (iv) Unapproved Repairs/ Modifications are carried out;
- (v) Unapproved Materials/ Procedures/ Practices are used;
- (vi) Aircraft has suffered major damage or defect or develops a major defect, which would

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affect the safety of the aircraft or its occupants in subsequent flights;

(vii) Valid and current mandatory documents are not carried on board.

**8. REVALIDATION OF A SUSPENDED CERTIFICATE OF AIRWORTHINESS**

8.1 In case the C of A of aircraft is suspended on account of a major accident or due to any other reason, will be revalidated, subject to the completion of the required Repair/ Modification/ Maintenance action, from the date of final inspection will be valid only up to the date the previous validity of the C of A.

8.2 The Director General of Department of Civil Aviation reserves the right to refuse, withhold the issue of C of A or cancel the Certificate of Airworthiness to an aircraft where reasonable doubt exists regarding its airworthiness or where required document(s) have not been made available or false information has been furnished, which may jeopardize safety or airworthiness of the aircraft.

**9. VALIDATION OF A CERTIFICATE OF AIRWORTHINESS**

9.1 Department of Civil Aviation may validate a Certificate of Airworthiness issued by another Contracting State it shall provide a suitable statement of authorization to be carried with the original certificate.

9.2 For the validation of Certificate of Airworthiness issued by a Contracting State, application should be made on CA Form 63 and submitted to Airworthiness Division, at least two weeks prior to the commencement of operation. The fees for validation of a Certificate of Airworthiness should be enclosed.

9.3 The validity of the authorization shall not extend beyond the period of validity of the original certificate.

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**C OF A ISSUE /RENEW RECOMMENDATION REPORT**

Year \_\_\_\_\_ Aircraft Registration \_\_\_\_\_ Aircraft Type \_\_\_\_\_  
 MSN \_\_\_\_\_ Aircraft TSN/CSN \_\_\_\_\_ Engine Type \_\_\_\_\_  
 Owner/Operator \_\_\_\_\_

To ensure the airworthiness of an aircraft, prior to the Issue/Renewal of the Certificate of Airworthiness, the following Review shall be carried out, by Head of Quality Department of Owner/Operator.

NO	DESCRIPTION	RECOMMENDATION
1	A full documented review of the aircraft records shall be carried out; Airframe, flying hours and associated flight cycles have been properly recorded.	
2	The Flight Manual is applicable to the aircraft configuration and reflects the latest revision status State document number and revision: _____ issue date: _____.	
3	All maintenance due on the aircraft according to the Approved Maintenance Program/Scheduled ref; _____, rev; _____, issue _____ has been carried out.	
4	All known defects have been corrected or, when applicable, carried forward in a controlled manner	
5	All applicable airworthiness directives have been applied and properly registered. Signed AD compliance list shall be submitted with this report:	
6	All modifications and repairs applied to the aircraft have been registered and are approved according to Part-21	
7	All service life limited components including Engine(s) installed on the aircraft are properly identified, registered and have not exceeded their approved service life limit.	
8	All maintenance has been released in accordance approved procedures.	
9	The current mass and balance (Weight & CG Schedule) statement reflects the configuration of the aircraft	

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10	All onboard documentation valid and correct, Aircraft Flight Manual, Certificate of Registration and Certificate of Airworthiness, Insurance Certificate,....	
11	All required Markings and Placards are properly installed.	
12	The aircraft complies with its Approved Flight Manual.	
13	No evident of defect can be found that has not been addressed.	
14	No inconsistencies can be found between the aircraft and the above documented review of records.	
15	Life vests marked with inspection due date and positioned in a correct way at every occupant's seat and First aid kit contents list.	
16	Aircraft has installed correct Stainless steel ID plate with aircraft registration marks in accordance with MCAR Part-47.	

**ENCLOSED WITH:**

- A. Current Maintenance Records (Aircraft Log Books,)
- B. Certified AD compliance list (if N/A state reason)
- C. Current Weight & Balance Schedule/Report
- D. Maintenance document (list of all required maintenance with references to Certificate of Release date)
- E. Status of hard time components (service life and overhaul schedule)
- F. List of all modifications and repairs with reference to approved data.

“Detail Review has been completed on this aircraft. This aircraft has been maintained in accordance with DCA Accept/Approved Maintenance Program and meet with all the Myanmar Civil Aviation Requirements and recommend for Issue/Renew the Certificate of Airworthiness.”

(Signature)

(Signature)

Date \_\_\_\_\_

Date \_\_\_\_\_

Head of Maintenance/Engineering Department

Head of Quality Department