



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

CIVIL AVIATION DEPARTMENT

Ministry of Transport and Communication

Huravee Building, Male'

Republic of Maldives

MALDIVIAN AIRWORTHINESS REQUIREMENTS

Series "B" No. 02
Issue 02
Dated 11 March 1997
Effective Forthwith

***Subject:-* Requirements for Renewal of Certificate of Airworthiness**

1. Scope

- 1.1 This part of Maldivian Airworthiness Requirement (MAR) prescribes the requirements and lays down the procedures for renewal of Certificate of Airworthiness (C of A) which are applicable to all Maldivian registered aircraft.

2. Period of validity of Certificate of Airworthiness

- 2.1 Validity period of C of A is indicated on the certificate itself and shall be limited to a maximum of one year. Any departure from this will be made with the approval of Director of Civil Aviation.
- 2.2 No adhoc extension to the validity period of the certificate shall be granted.
- 2.3 The revalidation of C or A will indicate the expiry date and the date of issue each time the certificate is renewed.
- 2.4 In case the C of A of aircraft is suspended on account of major damage or due to any other reason, the same will be revalidated, subject to the completion of the required repair/modification/maintenance action, from the date of inspection by the Department of Civil Aviation and will be valid only up to the date of previous currency of the C of A, had it not been suspended.

3. Conditions for C of A to remain valid

- 3.1 The C of A shall cease to be valid under the following conditions:

- a) after the date of expiry indicated in the certificate;
- b) if the aircraft, or any of its equipment which is essential to the continued airworthiness of the aircraft, is overhauled or repaired or such equipment is removed or replaced, other than in a manner which complies with the maintenance and repair procedures issued by the aircraft manufacturers;

- c) if any inspection of aircraft, or the aforesaid essential equipment, required by the approved maintenance procedures or schedules is not carried out;
- d) if any modification specified by the aircraft manufacturers or by the Director of Civil Aviation as mandatory for the continued airworthiness of the aircraft is not carried out;
- e) if any Airworthiness Directive issued by the airworthiness authorities of the state of manufacturer or by DCA is not complied with; and if the aircraft has sustained major damage;
- f) if “lifted” components are not replaced on expiry of stipulated “lives”.

4. Application for renewal of C of A

- 4.1 The operator/owner of an aircraft may apply for renewal of C of A giving the information as per enclosed form No. DCA/AW/01 at (appendix 1) along with necessary fees as prescribed in the Civil Aviation Regulations, Maldives.
- 4.2 For inspection of the aircraft and its records, if it is necessary for a DCA surveyor to travel away from the residential area or outside the Republic of Maldives the DCA will require the applicant to meet the costs involved.

5. Procedure

The renewal of C of A is dependent on evidence been provided that the aircraft complies with the appropriate Maldivian Airworthiness Requirements and is airworthy.

- 5.1 Before starting the maintenance/overhaul work on the aircraft or its components and systems the approved firm/engineer undertaking C of A renewal work must ensure the availability of the following for that type of aircraft;
 - a) Up to date technical literature required for maintenance and overhaul.
 - b) Special tools like rigging tools, spanners, jigs etc. apart from general engineering tools.
 - c) Approved maintenance/overhaul schedules.
 - d) List of applicable mandatory modifications/ inspections.
- 5.2 An inspection of the aircraft shall be carried out prior to the renewal by an appropriately approved organisation or an appropriately licensed aircraft maintenance engineer who shall determine the extent of the work required to maintain the Aircraft/Equipment in an airworthy condition.

In determining the extent of the work undertaken, consideration shall be given to the following aspects.

- a) The age of the aircraft, its operating environments and conditions of storage of the aircraft.

- b) The defects experienced during the preceding year were recorded and appropriate action was taken.
 - c) The approved maintenance schedules or approved overhaul and/or replacement periods for the aircraft and its components and all major repairs if any, have been properly carried out at the stipulated periods and certified by appropriately licensed approved persons.
 - d) The airworthiness requirements or instructions, such as mandatory modifications and inspections, foreign airworthiness directives etc. prescribed or approved for the aircraft and its components by the Department of Civil Aviation.
 - e) The aircraft or component manufacturer's recommendations, such as Service Bulletins, Service Letters etc. which may affect the airworthiness of the aircraft.
 - f) Sources of materials, parts and components used.
- 5.3 Where an inspection is carried out on an aircraft, specifically for the purpose of renewal of Certificate of Airworthiness, an inspection report shall be prepared by an appropriately approved organisation or by an appropriately licensed aircraft maintenance engineer detailing the work required and a copy should be given to the Department of Civil Aviation.
- 5.4 An assessment shall be made of the applicability of the Weight and Centre of Gravity scheduled to the aircraft to determine whether the significant changes in the empty weight or centre of gravity position have resulted from changes in fixed equipment, modification etc. The results shall be submitted to the Department of Civil Aviation who will determine whether reweighing and/or preparation of a new weight schedule is required.
- 5.5 At the time of Certificate of Airworthiness renewal, the operator owner must submit to the Department of Civil Aviation the following:
- 1) Certificate of Airworthiness.
 - 2) A Certificate of Maintenance Review.
 - 3) Approved test flight report duly completed and certified by appropriately qualified pilot indicating aircraft's actual performance, evaluated in relation to the required performance.
 - 4) A certificate that all requirements of the applicable MARs have been complied with.
 - 5) A list of all life limited components and a current record of the life remaining on the components.
- 5.6 Prior to renewal of C of A the aircraft may be required to be made available for inspection by the Department of Civil Aviation. In this event the owner/operator shall have the aircraft prepared for inspection in an acceptable condition to enable inspections and tests to be made and shall provide the necessary facilities in this regard.
- 5.7 Additional work may be required by the Department of Civil Aviation consequent to the survey and inspection of the aircraft.

6. Records and log books

- 6.1 The relevant log books, modification records and separate maintenance records forming part of the log books, or maintenance records kept by any other method approved by the

Department of Civil Aviation shall be made available to the Department of Civil Aviation prior to renewal of Certificate of Airworthiness.

- 6.2 Full particulars of the work done at the time of renewal of C of A shall be entered and certified in the log books or other approved records. A certificate of Release to Service shall be completed and certified for the work carried out and attached to the log books.

7. Aircraft Documents

- 7.1 The aircraft flight manual and Maintenance schedule shall be made available for survey. The owner shall ensure that these documents together with the Maintenance, Overhaul, Repair Wiring Diagram, and the Crew Manuals including the Type Certificate Data sheets if applicable conform with the configuration of the aircraft at the time of application for renewal of Certificate of Airworthiness and these documents are amended and up to date.



Mahmood Raze
DIRECTOR OF CIVIL AVIATION