

EFFECTIVE DATE: 11 MAY 1987

SUBJECT: *CERTIFICATE FOR FITNESS FOR FLIGHT UNDER "A" CONDITIONS*

1. INTRODUCTION

- 1.1 Regulation 12 of the Civil Aviation Regulations requires that all aircraft registered in Mauritius be issued with a valid Certificate of Airworthiness (C of A), and that such aircraft fly in accordance with the terms of the C of A (refer also to Chapters 3 and 3.1 of these Requirements). An exception to the above rule is contained in paragraph 2 (d) of Regulation 12 which states that (the rule) "shall not apply to any flight which begins and ends in Mauritius without passing over any other country and is made by an aircraft which is flying in accordance with the A (or the B) Conditions."
- 1.2 The "A" Conditions referred to above are detailed in the Civil Aviation Regulations, First Schedule, Part I. Paragraph (3) of that Schedule requires that to be eligible to fly under the 'A' Conditions, the aircraft and its engines must be certified as fit for flight by the holder of an Aircraft Maintenance Engineer's (AME) Licence which entitles him to make that certification. Chapter 8, Section 5, paragraphs 5.2 (a) and 5.2 (c) of these Requirements specify the categories of AME who may certify an aircraft as fit for flight under the "A" Conditions.
- 1.3 This Chapter will specify the purpose for which an aircraft may be flown under the "A" Conditions, and the type of certification to be made prior to flight.

2. PURPOSE FOR FLIGHT UNDER “A” CONDITIONS

NOTE: This Section summarizes the purposes for enabling an aircraft to fly under the “A” Conditions. The Conditions are detailed in the Civil Aviation Regulations, Schedule 1, paragraph (2). The following does not include all of the requirements of, nor does it supersede the requirements contained in Schedule 1 of the Regulations, and must therefore be read in conjunction with that Schedule.

2.1 The intent of the provisions of the “A” Conditions is to enable an aircraft which has previously been issued with a Mauritius C of A or validation , or an aircraft identical in design to one for which such a certificate is or has been in force, to fly for the purpose of:

- (a) Qualifying for the renewal or issue of a C of A or validation, provided the appropriate application has been made.
- (b) Qualifying for the approval of a modification to the aircraft, provided the appropriate has been made.
- (c) Proceeding to or from a place at which an inspection, approval, test, weighing or equipment installation is to take place for the purpose of qualifying for a C of A, validation or modification approval.
- (e) Proceeding to or from a place where the aircraft is to be or has been stored.
- (f) Particulars of any defects occurring in the aircraft or in any equipment (excluding engine and variable-pitch propeller) required to be carried therein by or under these regulations, and of the action taken to rectify such defects including a reference to the relevant entries, in the technical log as required by Regulation 14.

- (g) Particulars of any overhauls, repairs, replacements and modifications relating to the aircraft or any such equipment as aforesaid (excluding engine and variable-pitch propeller).

2.2 **ENGINE LOG BOOK**

The following entries shall be included in the engine log book:

- (a) The name of the constructor, the type of the engine, the number assigned to it by the constructor, and the date of construction of the engine.
- (b) the nationality and registration marks of each aircraft to which the engine has been fitted and the name and address of its owner.
- (c) Either -
 - (i) the date of each flight and the duration of the period between take-off and landing or, if more than one flight was made on that day, the number of flights and the total duration of the periods between take-offs and landings on that day.

OR

- (ii) The aggregate duration of periods between take-off and landing for all flights made by that aircraft since the most recent occasion that any maintenance, overhaul, repair, replacement, modification or inspection was undertaken on the engine.
- (d) Particulars of all maintenance work done on the engine.

- (e) Particulars of any defects occurring in the engine, and of the rectification of such defects, including a reference to the relevant entries in the technical log required by Regulation 14.
- (f) Particulars of all overhauls, repairs, replacements and modifications relating to the engine or any of its accessories.

2.3 **VARIABLE PITCH PROPELLER LOG BOOK**

The following entries shall be included in the variable pitch propeller log book:

- (a) The name of the constructor, the type of the propeller, the number assigned to it by the constructor and the date of construction of the propeller.
- (b) The nationality and registration marks of each aircraft, and the type and number of each engine, to which the propeller has been fitted.
- (c) The name and address of the operator of each such aircraft.
- (d) Either -
 - (i) The date of each flight and the duration of the period between take-off and landing or, if more than one flight was made on that day.

OR

- (ii) The aggregate duration of periods between take-off and landing for all flights made by that aircraft since the most recent occasion that any maintenance, overhaul, repair, replacement, modification or inspection was undertaken on the propeller.

- (e) Particulars of all maintenance work done on the propeller.
- (f) Particulars of any defects occurring in the propeller, and of the rectification of such defects, including a reference to the relevant entries in the technical log required by Regulation 14.
- (g) Particulars of any overhauls, repairs replacements and modifications relating to the propeller.

2.4 All pages of the Log Books shall be seriallh numbered, and the entries therein shall be completed as soon as practicable but not later than 3 days after the expiry of Certificate of Maintenance Review in force at the time of subject occurrence.

3. **RECORDING OF INFORMATION IN LOG BOOKS**

3.1 Maintenance and Inspections

A complete record of compliance with all applicable mandatory requirements is essential. Whilst recording this information the source of such requirement must be indicated.

3.2 Overhauls

Detail of all overhaul work including any test data should be included in the relevant log book except when it is inconvenient to do so, a separate record should be made and posted in the log book.

3.3 Repairs

A summary of the repairs should be entered in appropriate log book together with reason for the repair;

3.4 Replacements

- (i) Details of every replacement should be included in the relevant log book. When a replaced component is subject to a life control system, it must be possible to readily establish status of such components related to the life control system.
- (ii) When a component having its own log book (engine, variable pitch propeller) is removed from an aircraft, the reason for removal must be entered in the log book. In addition an entry should be made in the aircraft log book stating the serial number of the component removed, the position of the component in the aircraft and the serial number of the replacement component.
- (iii) When an engine is changed, the serial number, part number, the life parts of the engine which have not been changed along with the engine should be entered in the log book of the replacement engine.

3. **CERTIFICATION**

3.1 The certificate of fitness for flight under the 'A' Conditions shall be as follows:

CERTIFICATE OF FITNESS FOR FLIGHT

It is hereby certified that the aircraft defined hereon has been inspected and is fit for flight provided it is properly loaded.

This Certificate is valid until or until the airworthiness condition of the aircraft is altered, whichever is earlier.

Signed 'A' Licence No.

Signed 'C' Licence No.

OR

3.2 A Certificate of Fitness for flight shall be issued only by the following:

- (a) The holder of an appropriate AME licence issued by the Director of Civil Aviation of Mauritius.
- (b) The holder of a foreign AME licence (or equivalent) which has been validated, as appropriate, by the Director of Civil Aviation of Mauritius.
- (c) A firm approved by the Director of Civil Aviation of Mauritius to operate and perform maintenance to the types of aircraft for which the Certificate is to be issued.

3.3 The period of validity shall be stated, but shall not exceed 7 days.

3.4 If the original airworthiness condition of the aircraft is affected during the period of validity, the certificate shall be re-issued.

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(Date of Issue)

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(for Director of Civil Aviation)