

**DEPARTMENT OF CIVIL AVIATION
MALAYSIA
AIRWORTHINESS NOTICE**

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Date: 15 May 2005

APPLICATIONS FOR MALAYSIAN AIRCRAFT MAINTENANCE ENGINEERS' LICENCES

1. Introduction

- 1.1 Pursuant to Regulation 31, Civil Aviation Regulations of Malaysia (CAR), the Director General may grant an Aircraft Maintenance Engineer's Licence (AMEL), subject to such conditions as it thinks fit, upon him being satisfied that an applicant is a fit person to hold the Licence, and has furnished such evidence and passed such examinations and tests as the Director General may require for the purpose of establishing that the applicant has sufficient knowledge, experience, competence and skill in aeronautical engineering'.
- 1.2 This Airworthiness Notice is issued for information and guidance on the requirements and procedures in respect of application for Grant/Extensions/Renewal of Malaysian AMEL, based on BCAR Section L Issue 13.

2. General

- 2.1 The applicant shall not be less than 21 years of age.
- 2.2 Applications for Grant/Extensions/Renewal of AMEL shall be made by using Form JPA-5AER, together with the appropriate fees as reflected in Airworthiness Notice No. 9.
- 2.3 The applicable categories and sub-divisions are reflected in Appendix 1, Table 1 of this Notice. Currently, DCA allow applicants to apply for separate categories and sub- divisions.
- 2.4 AMELs are granted and extended within the defined Categories given in Table 1. Generally, there are two parts to each Category -
(a) Licence Without Type Rating
(b) Type Ratings.
- 2.5 Applications from Royal Malaysian Air Force or military personnel who are actively involved in maintenance of military aircraft and helicopters shall be accepted provided that such applicant is due to retire within 24 months from the date of application. A letter from the relevant authority is required as evidence of this date. The following requirements shall also apply: -
- i. Minimum 4 years direct involvement in maintenance of aircraft.
 - ii. 24 months preceding application, applicant shall be solely involved in maintenance of aircraft. Maintenance experience in military transport aircraft and helicopters is encouraged.
 - iii. Schedule of work showing experience of maintenance work in military and/or civil aircraft or helicopters, certified by the commanding officer or an appropriate person for civil aircraft and helicopters respectively.
 - iv. For military personnel appointed on contract basis, in addition to the above mentioned, paragraphs 2.5 (i, ii & iii), an applicant may only apply upon leaving the military service, with evidence from the relevant authority presented to DCA upon application.
 - v. Payment of the appropriate fees specified in Airworthiness Notice No. 9.
 - vi. If an applicant passes all the required DCA examinations within the stipulated 2 years prior to retirement, the Licence shall only be issued after evidence of leaving the military service is presented to DCA.

3. Licence Without Type Rating (LWTR) (see Table 1, Appendix 1 of this Notice)

3.1 This LWTR does not in itself confer any certification responsibilities or privileges. It is, however, a prerequisite for the grant of the relevant Type Ratings which confer the privileges of certification appropriate to that Type Rating.

4. Experience Requirements - LWTR

4.1 Categories -A, C, X and R

Applications for the grant or extension of a Licence in any of these Categories, (except Category 'X' - Compass Compensation and Adjustment, for which see paragraph 3.4) must show confirmed minimum specific periods of aviation maintenance engineering experience totaling 4 years..

4.1.1 Applications must also show the following minimum experience, which must have been gained whilst maintaining operating aircraft and not in component workshops or on static or non-flying aircraft:

- (a) for a Category 'A' and/or 'C' LWTR, 36 months relating to Airframe and/or Engine maintenance, 12 months of which must be in the 2 years immediately preceding the date of application.
- (b) for any Category 'R' and/or 'X' LWTR (excluding Category 'X' -Compass Compensation and Adjustment), 36 months related to avionic systems, 12 months of which must be in the 2 years immediately preceding the date of application.
- (c) 6 months, within the 12 months referred to in (a) and (b), relevant to the specific LWTR for which application is being made.
- (d) Category 'X' -Compass Compensation and Adjustment Category 'X' which requires an applicant to hold any LWTR in Categories ~, 'C', 'X' or 'R'. The applicant is required to have a minimum of 6 months engineering experience relating to the maintenance of operating aircraft in the 2 years preceding the date of application.

4.1.2 Where an applicant for Category 'X' Electrical holds a valid Licence which includes both Category 'A' and Category 'C' LWTR sub divisions, the experience in paragraph 4.1.1(b) above need not be complied with and the applicant need show only the 6 months experience relevant to the LWTR required in paragraph (c). Any of the periods specified in this paragraph may be concurrent.

5 Type Ratings (TR) (See Airworthiness Notice No.10)

5.1 TR confer on the holder of a Licence privileges and certification responsibilities in respect of certain aircraft registered in Malaysia. The certification responsibilities are described in Airworthiness Notice No.3.

5.2 TR granted in Category 'C' Engines -Aeroplanes cannot be used to certify engines in rotorcraft or airships.

5.3 The assessment procedure for the grant of a TR varies according to the particular TR applied and may take the form of an oral examination, completion of a DCA Recognised Course or assessment of experience alone. Where satisfactory completion of a DCA Recognised Course is required normally, the DCA may decide in a particular circumstance that an oral examination should be carried out either in lieu of the course or in addition to it.

5.4 The application procedure to extend a licence to include a TR is similar to that described in paragraph 2 by using Form JPA-5AER, with a satisfactory Schedule of Work appropriate to the TR applied for. The experience shown must have been gained within the three years before the application.

5.5 An application for a Type Rating in respect of the type of aircraft, engine or system will be considered provided that:-

- (a) the appropriate LWTR is held or is being applied for simultaneously. In the latter case the Type Rating will not be granted until the appropriate LWTR is held;
- (b) the aircraft is of a type, or the engine or system is installed in a type that is registered in Malaysia and in respect of which a Malaysian Certificate of Airworthiness is in force or has been applied for.

6. Training

- 6.1 An applicant who has undergone an approved programme of ab-initio training for LWTR as per BCAR Section L may qualify for reduced experience requirement.
- 6.2 Application for type ratings of certain aircraft specified in Airworthiness Notice No. 10 must show proof of the successful completion of the approved type course.

7. Examinations

- 7.1 Examinations for LWTR will be conducted in accordance with the syllabus and modules reflected in BCAR Section L Issue 13 Appendix 1, pages App 1-1 to 1-2 and M1-1 to M32-2.
- 7.2 Written examinations for the issue/extension of AMEL are held on a scheduled basis on the last Thursday of every month at the DCA Examination Hall. When the Thursday concerned is a public holiday, the examination will be deferred until the following Thursday. However, it may prove necessary in some circumstances to advance the date of the examination to any working day up to two weeks before the scheduled Thursday.

8. Procedure

- 8.1 Applications for AMEL issue/extension must be received by the Department no later than the last Thursday of the month preceding the appropriate examination date. Provided the application is acceptable, the candidate will normally be allocated a place at the next scheduled morning or afternoon examination session. Candidates will be notified of the place, date and time of their examination.
- 8.2 No change of date of examination is allowed when an application is accepted by the DCA. A fresh application for resit must be made together with the necessary fee should a candidate wish to withdraw or is absent from the examination.

9 VALIDITY OF LICENCES.

- 9.1 AMEL are issued and renewed for a period of not exceeding 2 years. (Reg.31 of CAR 1996)
- 9.2 Use of a AMEL with a Type Rating to issue a certification requires that, during the 24 months preceding the date of the certification, the holder has been engaged for periods totaling at least 6 months on work affording experience comparable with that required for the grant of the licence.
- 9.3 The Licence holder shall be satisfied that the Licence Ratings are correct.
- 9.4 The Licence is not valid until signed in ink by the holder. (Reg. 31 of CAR 1996)

10. Cancellation

This Notice cancels Airworthiness Notice No.5, Issue 5, dated 01 March 2000.

DIRECTOR GENERAL
DEPARTMENT OF CIVIL AVIATION
MALAYSIA