



AIRWORTHINESS NOTICE

AN No. : 9101 Issue 1

Date : 1 July 2011

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| This Airworthiness Notice is issued in pursuant to Section 24o of the Civil Aviation Act 1969. Any person who fails to comply with this Airworthiness Notice, shall be guilty of an offence. |
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NOISE CERTIFICATE

1. INTRODUCTION

- 1.1 **ICAO Annex 16 Volume I**, Part II, Chapter 1 requires that a Noise Certificate or equivalent document attesting noise certification to be carried onboard the aircraft that are engaged in **international air navigation**.
- 1.2 In compliance with the ICAO requirement, Regulation 102 of Civil Aviation Regulation 1996 requires all aircraft, that take-off or land in Malaysia, to have a Noise Certificate or a document deemed to be the Noise Certificate.
- 1.3 Subject to proof of compliance with the conditions specified in Annex 16, a Noise Certificate may be issued to an aeroplane registered in Malaysia on application to the DGCA by the aircraft operator concerned. This Notice prescribes the requirements for a Noise Certificate.

2. DEFINITION

- 2.1 For the purpose of this Notice, "international air navigation" means any flight which includes passage over the territory of any State other than Malaysia.
- 2.2 In this Notice, "Annex" means Volume I of Annex 16 to the Convention on International Civil Aviation entitled "Environmental Protection" and any amendment thereto.

3. REQUIREMENTS

- 3.1 The DGCA adopts the noise certification standards in Part II of the Annex. Depending on the aircraft's maximum certificated take-off mass and the date which application for Type Certificate was submitted, the applicable noise requirements for jet aircraft, propeller driven aircraft and helicopters are prescribed as follows:
 - (a) for subsonic jet aircraft, in Part II, Chapters 2, 3 and 4, of the Annex, as applicable;
 - (b) for propeller-driven aircraft, in Part II, Chapters 3, 4, 5, 6 and 10, of the Annex, as applicable;
 - (c) for helicopters, in Part II, Chapters 8 and 11, of the Annex, as applicable; and
 - (d) for supersonic aircraft, in Part II, Chapter 12 of the Annex, as applicable.
- 3.2 Unless otherwise specified in the Annex, the date to be used in determining the applicability of the Standards in the Annex shall be the date of application submitted to the State of Design for a type certificate, or the date of application under an equivalent prescribed procedure by the certificating authority of the State of Design. The application shall be effective for a duration equal to the period applied in the designation of the airworthiness regulations appropriate to the aircraft type, except in special cases where the certificating authority accepts an extension of this period.
- 3.3 When this period of effectivity is exceeded, the date to be used in determining the applicability of the Standards in the Annex shall be the date of issue of the type certificate, or the date of issue of approval under an equivalent prescribed procedure, less the duration of effectivity.

- 3.4 The Noise Certificate will only be issued upon application made by the aircraft operator using DCA Form JPA-31, and information provided in the form must be supported by:
- (a) Any relevant documents to show that the aircraft complies with the requirements that are at least equal to the applicable standards specified in Part II of the Annex. The supporting documents must contain, at the minimum, the following information :
 - i) The noise level achieved during type certification;
 - ii) The noise certification standard to which the aircraft is certificated ;
 - iii) The noise certification procedures used; and
 - iv) Any additional modifications that enable the aircraft to meet the relevant noise certification requirements of the Annex.
 - (b) The supporting documents may include the following;
 - i) a noise certificate issued by the State of Design; or
 - ii) a statement made in the Flight Manual or Type Certificate, that the aircraft type conforms with the applicable environment requirements in Part II of the Annex and the associated noise data in the Flight Manual or in the Type Certificate Data Sheet.
 - (c) Any other evidence as required by the DGCA for the consideration of the application.
- 3.5 Whenever the noise certification standard of an aircraft model has attained a more stringent level, an operator may submit a new application for a noise recertification together with documents to support the more stringent noise certification. A new Noise Certificate showing compliance to the new noise standard may be issued by the DGCA upon satisfaction that the aircraft meets the applicable requirements of the more stringent noise standard.
- 3.6 A new application is required when the noise characteristics of the aircraft has changed such that the noise level of the aircraft has changed. It shall be the responsibility of the aircraft operator or owner to notify DGCA on any modification to the aircraft, its engine and/or propellers that may affect its initial noise certification. A new Noise Certificate may be issued upon reassessment that the aircraft is found to comply with the applicable Standards specified in the Annex.
- 3.7 Upon issuance, provided the aircraft remain registered in Malaysia, the Noise Certificate shall remain valid until it is revoked or suspended. Upon suspension or revocation of the Noise Certificate, the original certificate shall be returned to the DGCA.
- 3.8 The Noise Certificate of an aircraft shall be suspended or revoked if the aircraft ceases to comply with the applicable noise Standards. The suspension or revocation shall not be removed nor a new Noise Certificate be granted unless the aircraft is found, on reassessment, to comply with the applicable noise Standards.
- 3.9 All Malaysian registered aircraft conducting international air navigation shall carry onboard the aircraft, a Noise Certificate issued by DGCA.

4. CANCELLATION

This Notice cancels Airworthiness Notice No. 93 Issue 2 dated 04 July 2005, which should be destroyed.