



## AIRWORTHINESS NOTICE

**AN No. : 9201 Issue 2**

**Date : 1 February 2012**

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.

### AIRCRAFT ENGINE EMISSIONS

#### 1. INTRODUCTION

- 1.1 **ICAO Annex 16, Volume II, Part II** requires certification related to the prevention of intentional fuel venting for all turbine engine powered aircraft intended for operation in international air navigation.
- 1.2 **ICAO Annex 16, Volume II, Part III** requires emission certification for turbine engines fitted to aircraft engaged in international air navigation.
- 1.3 The standards adopted by the Director General of Civil Aviation (DGCA) for the definitions, symbols and certification related to the prevention of intentional fuel venting and emission certification are those in ICAO Annex 16, Volume II. This Notice prescribes the requirements relating to aircraft fuel venting and engine emissions.
- 1.4 Certification related to the prevention of intentional fuel venting and emission certification shall be granted on the basis of satisfactory evidence that either the aircraft or the aircraft engines comply with requirements which are at least equal to the stringency of the provisions of this Notice.

#### 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 II of Annex 16 to the Convention on International Civil Aviation entitled "Environmental Protection" and any amendment thereto.

#### 3. REQUIREMENTS

- 3.1 The applicable emission requirements for the issue of a type certificate for an aircraft and engine, or for the issue of a letter of acceptance of a type certificate, are prescribed in the Annex as follows:
  - (a) for prevention of intentional fuel venting, in Volume II, Part II, Chapter 2;
  - (b) for emissions of turbo-jet and turbofan engines intended for propulsion only at subsonic speeds, in Volume II, Part III, Chapter 2; and
  - (c) for emissions of turbo-jet and turbofan engines intended for propulsion only at supersonic speeds, in Volume II, Part III, Chapter 3.
- 3.2 The emission requirements are also applicable to any voluntary change in the type design of Malaysian registered aircraft which may increase fuel venting or exhaust emissions.

#### 4. CANCELLATION

This Notice cancels Airworthiness Notice No. 9201 Issue 1 dated 1 August 2011, which should be destroyed.

**DIRECTOR GENERAL  
DEPARTMENT OF CIVIL AVIATION  
MALAYSIA.**