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DEPARTMENT OF CIVIL AVIATION  
**Airworthiness Notices**

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**AIRCRAFT NOISE CERTIFICATE**

**1. Introduction**

- 1.1 In pursuance to ICAO Annex 16 Vol-1, Noise Certificate shall be issued/ validated for Myanmar Registered aircraft on the basis of satisfactory evidence that the aircraft complies with requirements, which are at least equal to the applicable Standards specified in the Annex.
- 1.2 The application shall be made by the aircraft owner before commencement of operation using application form attached to this notice.
- 1.3 The Noise Certificate shall be carried in Myanmar Registered aircraft during flight.

**2. When the following meanings are used in this notice\_**

- a) **Aeroplane.** A power-driven heavier-than-air aircraft, deriving its lift in flight chiefly from aerodynamic reactions on surfaces which remain fixed under given conditions of flight.
- b) **Aircraft.** Any machine that can derive support in the atmosphere from the reactions of the air other than the reactions of the air against the earth's surface.
- c) **Associated Aircraft Systems.** Those aircraft systems drawing electrical/pneumatic power from an auxiliary power unit during ground operations.
- d) **Auxiliary Power Unit (APU).** A self-contained power-unit on an aircraft providing electrical/pneumatic power to aircraft systems during ground operations.
- e) **Bypass Ratio.** The ratio of the air mass flow through the bypass ducts of a gas turbine engine to the air mass flow through the combustion chambers calculated at maximum thrust when the engine is stationary in an international standard atmosphere at sea level.
- f) **Derived Version of a Helicopter.** A helicopter which, from the point of view of airworthiness, is similar to the noise certificated prototype but incorporates changes in type design which may affect its noise characteristics adversely.
- g) **Derived Version of an Aeroplane.** An aeroplane which, from the point of view of airworthiness, is similar to the noise certificated prototype but incorporates changes in type design which may affect its noise characteristics adversely.
- h) **External Equipment (Helicopter).** Any instrument, mechanism, part, apparatus, appurtenance, or accessory that is attached to or extends from the helicopter exterior but is not used nor is intended to be used for operating or controlling a helicopter in flight and is not part of an airframe or engine.
- i) **Helicopter.** A heavier-than-air aircraft supported in flight chiefly by the reactions of the air on one or more power-driven rotors on substantially vertical axes.
- j) **Human Performance.** Human capabilities and limitations which have an impact on the safety and efficiency of aeronautical operations.
- k) **Recertification.** Certification of an aircraft with or without a revision to its certification noise levels, to a Standard different to that to which it was originally certificated.

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- l) **Self-Sustaining Powered Sailplane.** A powered aeroplane with available engine power which allows it to maintain level flight but not to take off under its own power.
- m) **Subsonic Aeroplane.** An aeroplane incapable of sustaining level flight at speeds exceeding flight Mach number of 1.
- n) **Subsonic Jet Aircraft.** A jet aircraft incapable of sustaining level flight at speeds exceeding flight Mach number of 1.

### **3. Acceptance Noise Standard**

Myanmar is not the State of Aircraft/ Engine designer and manufacturer, so Myanmar DCA accept and validate the Noise Certificate issued by the following authorities \_

- (i) the Federal Aviation Administration of USA.
- (ii) Members of the European Aviation Safety Agency.

### **4. Records of Noise**

An applicant shall submit test flights noise data that the aircraft noise meets the Standards as prescribed in the Annex 16.

Note: Records of test flights carried out by Manufacturer of the aircraft for measurement of noise according to test flight procedures prescribed in the Annex 16 may be accepted.

### **5. Suspension / Cancellation of Noise Certificate**

Myanmar DCA shall suspend or revoke the noise certification of an aircraft on its Register if the aircraft ceases to comply with the applicable noise Standards. The Myanmar DCA shall not remove the suspension of a noise certificate or grant a new noise certification unless the aircraft is found, on reassessment, to comply with the applicable noise Standards.

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APPENDIX A/21

**REPUBLIC OF THE UNION OF MYANMAR**  
**DEPARTMENT OF CIVIL AVIATION**

**APPLICATION FOR AIRCRAFT NOISE CERTIFICATE**

1. Nationality and Registration Marks of aircraft \_\_\_\_\_
2. Owner of the aircraft \_\_\_\_\_
3. Address of the Owner of the aircraft \_\_\_\_\_
4. Manufacturer \_\_\_\_\_
5. Manufacturer's Designation of Aircraft \_\_\_\_\_
6. Aircraft Serial Number \_\_\_\_\_
7. Engine Type \_\_\_\_\_
8. Maximum Weight of aircraft approved in (kg),  
Take off: \_\_\_\_\_ Landing; \_\_\_\_\_
9. Any Additional Modifications incorporated related to noise level (If any) \_\_\_\_\_

10. Noise Measurement/Noise standard,  
Noise of this aircraft meets the standard given in Chapter \_\_\_\_\_, Attachment \_\_\_\_\_, of the requirements of ICAO Annex 16, Volume I.

11. Has the Noise Certificate issued by the previous state of register or the manufacturer been received?

Yes

No

Signature \_\_\_\_\_

Name \_\_\_\_\_

Date \_\_\_\_\_

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**DCA use only,**

Accept

Not Accept

Noise Certificate No, \_\_\_\_\_ Issue Date \_\_\_\_\_