



Part 36

Aircraft Noise

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Aircraft Noise

36.1 Applicability

This Part is applicable to all civil aircraft registered in Arab Republic of Egypt.

36.3 Definitions

Associated aircraft systems. Those aircraft systems drawing electrical/pneumatic power from an auxiliary power unit during ground operations.

Auxiliary Power-Unit (APU). A self-contained power unit on an aircraft providing electrical/pneumatic power to aircraft systems during ground operations or in-flight separate from the propulsion engine/s.

By-pass ratio. The ratio of the air mass flow through the by-pass 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.

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.

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.

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.

Re-certification. 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.

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.

Subsonic aeroplane. An aeroplane incapable of sustaining level flight at speeds exceeding flight Mach number of 1.

36.5 Provisions

The provisions of this Part are as stated in Annex 16 Volume I to the Convention of International Civil Aviation, as amended.

36.7 Compliance

Each aircraft operator shall submit to the ECAA the documents defining methods of compliance with Annex 16 Volume I as amended.

36.9 Aircraft noise certificate

- (a) Each aircraft registered in Egypt must have a noise certificate issued by the ECAA to prove that the aircraft complies with Annex 16 Volume I requirements.
- (b) Upon request from A/C owner or operator the ECAA will validate the documents submitted by the applicant to attest the aircraft noise certification, and issue a separate noise certificate for each A/C to be carried along with the above mentioned documents on board the A/C.
- (c) Noise certificate from issued by ECAA contained in Appendix (A) of this part

36.11 Enforcement actions

The ECAA will suspend or revoke the noise certification of an aircraft on its register if the aircraft ceases to comply with the applicable noise standards as a result of any complaints by the airports all over the world. The ECAA will not remove the suspension of a noise certification unless the aircraft is found, on reassessment, to comply with the applicable noise standards.

Appendix (A)
Noise Certificate Form issued by ECAA.

	1. State of Registry ARAB REPUBLIC OF EGYPT	3. Document Number		
2. NOISE CERTIFICATE				
4. Nationality and Registration Marks	5. Manufacturer and Manufacturer's designation of aircraft.	6. Aircraft Serial Number		
7. Engine Manufacturer, Type and Model.		8. Propeller Type and Model		
9. Max. Take-off Mass (kg).	10. Max. Landing Mass (kg).	11. Noise Certificate Standard.		
12. Additional modifications incorporated for the purpose of compliance with the applicable noise certifications standards.				
13. Lateral/Full Power Noise Level:	14. Approach Noise Level:	15. Flyover Noise Level:	16. Over Flight Noise Level:	17. Take-off Noise Level:
18. This Aircraft complies with Noise Requirements as related to Egyptian Civil Aviation Act No. 28 issued in 1981 as amended and in conformity with the requirements and standards of Annex 16 of the Convention of International Civil Aviation Vol. 1 Chapter --				
19. Date of Issue: -----			20. Signature -----	

- * Subject to compliance with ECAR 36, this certificate shall remain valid for an unlimited duration unless the approval has previously been surrendered, superseded, suspended or revoked.
- * This certificate will be suspended or revoked if the aircraft ceases to comply with the applicable noise standards as a result of any complaints by the airports all over the world.
- * This certificate is not transferable, and any major change in the aircraft, shall be immediately reported to the central department of airworthiness.