



TECHNICAL GUIDANCE MATERIAL for Aircraft Noise Certificate

SUBJECT: TECHNICAL GUIDANCE MATERIAL FOR AIRCRAFT NOISE CERTIFICATE

EFFECTIVE DATE: 28 OCTOBER 2025

1. APPLICABILITY

This technical guidance material is applicable to Approved Maintenance Organizations (AMO), Approved Design Organizations (ADO), Aircraft Owners/Operators and other related Aviation Industry Stake Holders.

2. PURPOSE

The purpose of this technical guidance material is to provide procedural guidelines pertaining to planning and conducting a noise certification process on type certified aircraft or aeronautical products.

The primary purpose of this document is to provide procedural guidelines to the applicants on the processes and requirements leading to issuance of a noise certificate.

3. REQUIREMENTS

Aircraft Noise Certification is an approval process that the state of registry undertakes to grant or validate that aircraft comply with noise certification standards as prescribed in SACATS 36.

4. REFERENCE

- i. ICAO Annex 16, Volume 1
- ii. ICAO Doc 9760 Airworthiness Manual
- iii. Part 147 of the South African Civil Aviation Regulations: Design Organisation for Products, Parts and Appliances.
- iv. Part 185 of the Civil Aviation Regulations: Enforcement
- v. Part 187 of the Civil Aviation Regulations: Fees and Charges
- vi. Part 21 of the Civil Aviation Regulations (CAR's): Certification Procedures for Products and Parts
- vii. Part 36 of the Civil Aviation Regulations (CAR's): Aircraft Noise Certification
- viii. Part 43 of the Civil Aviation Regulations: General Maintenance Rules
- ix. SACATS 43, South African Aviation Technical Standards: General Maintenance Rules

5. LIST OF DEFINITIONS AND ABBREVIATIONS USED IN THIS DOCUMENT

5.1. Definitions

TERMINOLOGY	DESCRIPTION
Accept	Means the acknowledgement by SACAA that an item or plan should lead to compliance. Applicants' tests and engineering reports are accepted.
Accept	Means the acknowledgement by SACAA that an item or plan should lead to compliance. Applicants' tests and engineering reports are accepted.
Aircraft	Means an aircraft as defined in the Act, including its engine, propellers, rotor, components, parts, equipment, instruments, accessories, and materials.
Aircraft	For the purpose of this regulation, means an aircraft as defined in the Act, including its engines, propellers, rotor, components, parts, equipment, instruments, accessories, and material.
Aircraft	Means an aircraft as defined in the Act, including its engine, propellers, rotor, components, parts, equipment, instruments, accessories, and materials.
Aircraft	For the purpose of this regulation, means an aircraft as defined in the Act, including its engines, propellers, rotor, components, parts, equipment, instruments, accessories, and material.
Applicant	Means the person/organization that is the legal entity on whose behalf the application was made. This will normally be the entity to which the Noise Certificate approval is issued when the certification activity is completed.
Applicant	Means the person/organization that is the legal entity on whose behalf the application was made. This will normally be the entity to which the Noise Certificate approval is issued when the certification activity is completed.
Approve	Means to make formal acknowledgement that a product or document meets the regulations and requirements. Within this instruction the word approve is limited to the Noise Certification.
Approve	Means to make formal acknowledgement that a product or document meets the regulations and requirements. Within this instruction the word approve is limited to the Noise Certification.
Certification of Registration	Means a certificate issued after the aircraft has been registered in terms of part 47.
Certification of Registration	Means a certificate issued after the aircraft has been registered in terms of part 47.
Finding of Compliance	Means a determination that an element of the design satisfies the applicable noise standard and other relevant standards of airworthiness.
Finding of Compliance	Means a determination that an element of the design satisfies the applicable noise standard and other relevant standards of airworthiness.
Means of Compliance	Means the principle means by which compliance to the specified noise standard is established.
Means of Compliance	Means the principle means by which compliance to the specified noise standard is established.
Noise standards	Prescribes the standard or requirements to which the certification of the product must be designed to and tested to ascertain that each

	product that will be produced henceforth will be complying to the given standards, notably the environmental standards;
Noise standards	Prescribes the standard or requirements to which the certification of the product must be designed to and tested to ascertain that each product that will be produced henceforth will be complying to the given standards, notably the environmental standards;
Product	Means an aircraft, aircraft engine or propeller, and includes the classes of products or types of aircraft referred to in Part 21.
Product	Means an aircraft, aircraft engine or propeller, and includes the classes of products or types of aircraft referred to in Part 21.
Restricted category	Means a category for special purposes operations
Restricted category	Means a category for special purposes operations
Rotorcraft	Means a power-driven heavier-than-air aircraft supported in flight by the reactions of the air on one or more rotors.
Rotorcraft	Means a power-driven heavier-than-air aircraft supported in flight by the reactions of the air on one or more rotors.

5.2. Abbreviations

ABBREVIATION	MEANING
AD	Airworthiness Directives
ADO	Approved Design Organisation
AFM	Aircraft Flight Manual
AFMS	Aircraft Flight Manual Supplement
AMO	Approved Maintenance Organisation
C of A	Certificate of Airworthiness
C of R	Certificate of Registration
CE	Certification Engineer
E: ASO	Executive: Aviation Safety Operation
ICAO	International Civil Aviation Organization.
M: AED	Manager: Airworthiness Engineering
NAA	National Aviation Authority
OEM	Original Equipment Manufacturer
RFM	Rotorcraft flight manual
RFMS	Rotorcraft flight manual supplement
SACAA	South African Civil Aviation Authority
SACAR	South African Civil Aviation Regulations
SACATS	South African Civil Aviation Technical Standards
SM: AW	Senior Manager: Airworthiness
SRM	Structural Repair Manual
State of Registry	Means The State on Whose Register an Aircraft Is Entered
STC	Supplemental Type Certificate
TC	Type Certificate
TCDS	Type Certificate Data Sheet
TGM	Technical Guidance Material

6. GENERAL

6.1 APPLICATION ISSUANCE FOR NOISE CERTIFICATE

- 6.1.1 An applicant must submit a properly completed application form (Form Number: CA 36-02 accessible on www.caa.co.za, accompanied by proof of payment to eng@caa.co.za.
- 6.1.2 The completed application form number: CA 36-02 shall also be accompanied by the appropriate fee as stipulated in Part 187 of SACAR.
- 6.1.3 The applicant shall send application form number: CA 36-02 to eng@caa.co.za and upon receipt it will be allocated to the certification engineer for facilitation and processing.
- 6.1.4 The CAA's allocated certification engineer will acknowledge receipt of the application within five (5) days and request that all communications and supporting data be submitted directly to him/her for review and feedback.
- 6.1.5 The applicant shall provide supporting data that attests compliance with the appropriate noise requirements as prescribed in Document SACATS 36.
- 6.1.6 The applicant must submit the required supporting data or complete work-pack to the allocated SACAA project leader within five (5) days after acknowledgement of receipt of the application for issuance of noise certificate and not limited to the following:
 - a) AFM or AFMS
 - b) RFM or RFMS
 - c) TCDS for Noise
 - d) Previous or Old Noise Certificate
 - e) Additional Modifications that might affected the noise characteristics.
 - f) Other documents attesting compliance with noise standards.
- 6.1.7 The CAA allocated certification engineer will evaluate the submitted substantiation data to find compliance with the appropriate airworthiness design standards, environmental standards, and regulatory framework.
- 6.1.8 The CAA allocated certification engineer shall issue a noise certificate on the appropriate noise certificate template post review of the supporting data attesting to compliance with applicable noise certification standards has been met.

7. CANCELLATION OR DECLINATION OF NOISE CERTIFICATE APPLICATION

The CAA will cancel or decline applications not meeting the requirements and will also provide reasons for cancellation or declination.

8. POST-APPROVAL ACTIVITIES

The applicant, AMO, ADO and Aircraft Owners/Operators should keep all records of approved noise certificate and associated supporting data submitted with the application.

9. DURATION AND CONTINUED VALIDITY

9.1 Noise certificate is issued for an unlimited duration.

9.2 Noise certificate shall remain valid on condition that-

- 9.2.1 the holder thereof complies with the applicable type design, environmental protection, and continued airworthiness.
- 9.2.2 the aircraft for which the certificate is issued retains the same registration marks.

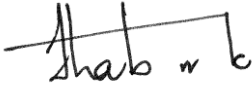
9.2.3 the type certificate or restricted type certificate under which it is used has not been previously invalidated under regulation 21.02.11; and the certificate has not been suspended or cancelled in terms of part 185 or surrendered.

10. TRANSFERREABILITY

10.1 In the event of a change in the ownership of the aircraft, the following conditions shall apply:

- a) if the aircraft retains the same registration marks, the noise certificate shall be transferred together with the aircraft; or
- b) if the aircraft remains on the SACAR but changes registration marks, the amended noise certificate shall be issued upon presentation of the former noise certificate.

11. AUTHORISATION

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