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**GCAA  
ADVISORY CIRCULAR**

**AIRWORTHINESS  
AC NO: GCAA AC/AIR-022**

|                 |  |                                   |                           |
|-----------------|--|-----------------------------------|---------------------------|
| <b>SUBJECT:</b> | <b>ACCEPTANCE/VALIDATION OF AIRCRAFT NOISE CERTIFICATE</b> | <b>DATE INITIATED:</b> 16-03-2015 | <b>INITIATED BY:</b> DASR |
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**TABLE OF CONTENTS**

TABLE OF CONTENTS..... 1

1. PURPOSE ..... 2

2. GENERAL INFORMATION ..... 2

3. RELEVANT REFERENCES..... 2

4. CONTACT INFORMATION..... 2

5. DEFINITIONS AND ACRONYMS..... 2

6. BACKGROUND ..... 3

7. EVALUATING THE NOISE CERTIFICATE FOR ACCEPTANCE ..... 3

8. PROCEDURES..... 4

## 1. PURPOSE

This Advisory Circular (AC) provide guidance to operators and aircraft owners on the acceptance standards of the GCAA for aircraft noise certificate required under regulation 66(2) schedule 3 of the Guyana Civil Aviation (Air Navigation) Regulations GCARs.

## 2. GENERAL INFORMATION/CANCELLATION

- a. This Advisory Circular GCAA AC/AIR-022 is an initial issue on the subject and the effective date is April 1, 2015.
- b. Guyana does not issue noise certificates for aircraft but will accept noise certificates issued by the States of Manufacture or Design, or, from a competent authority of the State of Registry (Contracting State) for used aircraft imported from that State.
- c. The process for acceptance/validation of an aircraft noise certificate shall be done as part of the initial issuance of a Certificate of Airworthiness for public transport, confirmation of the aircraft Type Certificate Data Sheet (TCDS) and requirement for a noise certificate.

## 3. RELEVANT REFERENCES

- a. GCARs Reg. 66(2) Schedule 3 - Documents that must be carried by aircraft registered in Guyana.
- b. GARs 8.2.1.8 (a)(9) – Documents to be carried onboard an aircraft.
- c. ICAO Annex 16, Volume 1 – Aircraft Noise.
- d. ICAO Doc 9501, Volume I – Procedures for the Noise Certification of Aircraft.
- e. ICAO Doc 9501, Volume II – Procedures for the Emissions Certification of Aircraft Engines.

## 4. Contact Information

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## 5. DEFINITIONS AND ACRONYMS

- a. The following definitions are used in this circular:
  - i **Authority** means the Guyana Civil aviation authority, unless otherwise specified.
  - ii **State of Design** means the State which has jurisdiction over the organisation responsible for the type design.
  - iii **State of Manufacture** means the State which has jurisdiction over the organisation responsible for the final assembly of the aircraft.
  - iv **State of Registry** means the State in whose register the aircraft is entered.
- b. The following acronyms are used in this circular
  - i **GCAA** mean Guyana Civil Aviation Authority.
  - ii **ICAO** mean International Civil Aviation Organisation.

## **6. BACKGROUND**

- a. An aircraft operating in Guyana is required to comply with noise emissions standards contained in the regulations and or policies of the State of Manufacture or Design. The aircraft should, where applicable, carry as evidence of compliance, a document or certificate issued by the State of Manufacture or Design attesting to noise certification in accordance with the provisions of the Convention on International Civil Aviation (ICAO Annex 16 Volume 1). Aircraft not registered in Guyana but operate into Guyana must carry as evidence of compliance, a document or certificate issued by the State of Manufacture or Design attesting to noise certification in accordance with the provisions of the Convention on International Civil Aviation (ICAO Annex 16 Volume 1) or a certificate or letter of acceptance from the State of Registry.
- b. GCARs regulation 66(2) schedule 3 specify that a noise certificate, if required, must be carried on board the aircraft. GCAA require aircraft to be issued with a noise certificate or a suitable statement attesting to noise certification contained in another document approved by the State of Manufacture, Design or Registry, as the case may be.
- c. Guyana registered aircraft above 5700 kg shall be issued with a Noise Acceptance Certificate based on the noise certificate issued by the State of Manufacture or State of Design.

## **7. EVALUATING THE NOISE CERTIFICATE FOR ACCEPTANCE**

- a. Except for the initial implementation of the regulatory requirements on aircraft already operating in Guyana without a noise certificate or validation/acceptance certificate, all aircraft for which GCARs regulations 66(2) schedule 3 applies, will be evaluated for noise certification during importation, registration and certificate of airworthiness issue.
- b. For aircraft already registered in Guyana and not issued with a Noise Acceptance Certificate, operators and registered owner will be provided with time to produce noise certificate or copies issued by the State of Manufacturer or Design or a competent authority from State of Registry from which the aircraft was originally imported. Where such copies cannot be obtained, the Authority may look for an alternative method to comply with the requirement on issuance of a suitable statement attesting noise certification either based on certificate or statement issued on similar aircraft type.
- c. Applicants for the initial certification of aircraft are required to ensure the presence of a noise certificate or a suitable statement attesting noise certification issued by the relevant competent authority. Ensure that such certificate or statement confirms compliance with ICAO Annex 16 Noise Standards.

## 8. PROCEDURES

- a. All applicants are required to submit on a letter applying for acceptance of noise certificate and attach where applicable, the following documents:
  - i Noise certificate issued by a competent Authority or attesting noise certification statement.
  - ii Take note of the certificate, verify its authenticity and if it clearly specifies the aircraft meets Annex 16 noise requirements specified for the aircraft classification.
  - iii Take note of noise statement attesting noise certification and verify that the relevant authority where the aircraft is designed or manufactured or registered, approved the document containing such statement or the statement itself. Verify that the statement specify the aircraft to meet Annex 16 noise requirements specified for the aircraft classification.
  - iv Take note of all limitations or conditions stated on the noise certificate or statement attesting noise certification.
- b. The Authority would require at least 28 working days to review the application and initial issue a Certificate of Airworthiness (for public transport) during which time the aircraft Noise Certificate will be reviewed in accordance with "paragraph a." above. Once the noise certificate or statement attesting noise certification meet the criteria specified in "paragraph a." above, it will be validated as acceptable to the GCAA.



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Director General of Civil Aviation  
**Guyana Civil Aviation Authority**