



AIRWORTHINESS

ADVISORY

CIRCULAR

CIVIL AVIATION AUTHORITY OF BOTSWANA

CAAB Document AAC-016

AIRCRAFT NOISE CERTIFICATES

Intentionally left blank

TABLE OF CONTENTS

	Page number
1. Purpose	5
2. Status of this advisory circular	5
3. Effective Date	5
4. Applicability	5
5. Related Regulations	5
6. Related Publications	5
7. Definitions & Acronyms	5
8. Background	6
9. Evaluating the Noise Certificate for Acceptance	6
10. Procedures	6

Intentionally left blank

1. PURPOSE

The Advisory Circular provides guidance to operators and aircraft owners when applying for acceptance of aircraft noise certificates in accordance with the requirements of Regulation 45 of the Civil Aviation (Airworthiness) Regulations, 2012

2. STATUS OF THIS ADVISORY CIRCULAR

This AAC is an original issuance.

3. EFFECTIVE DATE

This AAC becomes effective immediately.

4. APPLICABILITY

This AAC is applicable to all individuals, organizations and other entities operating aircraft of the type as described in Regulation 49 of Civil Aviation (Airworthiness) Regulations.

5. RELATED REGULATIONS

Copies may be obtained from the Government Printer.

- Part V of the Civil Aviation (Airworthiness) Regulations, 2012

6. RELATED PUBLICATIONS

- ICAO Annex 6 Part 1 – Operation of Aircraft
- ICAO Annex 8– Airworthiness of Aircraft
- ICAO Annex 16, Volume 1 – Aircraft Noise
- ICAO Doc 9760 – Airworthiness Manual
- ICAO Doc 9501, Volume I – Procedures for the Noise Certification of Aircraft
- ICAO Doc 9501, Volume II – Procedures for the Emissions Certification of Aircraft Engines

Copies may be obtained from Document Sales Unit, ICAO, 999 University Street, Montreal, Quebec, Canada H3C 5H7.

7. DEFINITIONS AND ACRONYMS

7.1 The following definitions are used in this circular:

Authority means the CAAB, unless otherwise specified.

State of Design means the State which has jurisdiction over the organization responsible for the type design.

State of Manufacture means the State which has jurisdiction over the organization responsible for the final assembly of the aircraft.

State of Registry means the State in whose register the aircraft is entered.

7.2 The following acronyms are used in this circular

CAAB Civil Aviation Authority of Botswana

ICAO International Civil Aviation Organization

Advisory Circulars (ACs) are intended to provide advice and guidance to illustrate an acceptable means, but not necessarily the only means, of complying with the regulations, or to explain certain regulatory requirements by providing informative, interpretative and explanatory material. Where a regulation contains the words "prescribed by the Authority," the AC may be considered to prescribe a viable method of compliance, but status of that "prescription" is always "guidance" (never regulation).

8. BACKGROUND

- 8.1 An aircraft operating in Botswana is required to comply with noise emissions standards contained in the Civil Aviation (Airworthiness) Regulations. The aircraft should, where applicable, carry as evidence of compliance, a document or certificate issued by the State of Registry attesting to noise certification in accordance with the provisions of the Convention on International Civil Aviation (ICAO Annex 16 Volume 1).
- 8.2 The Civil Aviation (Airworthiness) Regulations specify, in Regulation 49, the chapter classification of 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 Registry and required by that State to be carried in the aircraft.
- 8.3 Botswana registered aircraft that fall in the categories detailed in Regulation 49 of the Civil Aviation (Airworthiness) Regulations, 2012 shall be issued with a Noise Acceptance Certificate based on the noise certificate issued by the State of Manufacture or State of Design or a competent authority of State of Registry.

9. EVALUATING THE NOISE CERTIFICATE FOR ACCEPTANCE

- 9.1 Except for the initial implementation of the regulatory requirements on aircraft already operating in Botswana without a noise certificate or validation/acceptance certificate, all aircraft for which Regulations 49 of the Botswana Civil Aviation (Airworthiness) Regulations, 2012 applies, will be evaluated for noise certification during importation, registration and certificate of airworthiness issue.
- 9.2 For aircraft already registered in Botswana 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 manufacturer, State of design or a competent authority from state of registry from which the aircraft was originally imported from. 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.
- 9.3 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.

10. PROCEDURES

- 10.1 All applicants are required to submit on a letter applying for acceptance of noise certificate and attach where applicable, the following documents:
 - (a) Noise certificate issued by a competent Authority or attesting noise certification statement.
 - (b) Take note of the certificate, verify its authenticity and if it clearly specify the aircraft meets Annex 16 noise requirements specified for the aircraft classification.
 - (c) 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.

- (d) Take note of all limitations or conditions stated on the noise certificate or statement attesting noise certification.
 - (e) Pay the applicable fees.
- 10.2 The Authority would require 10 working days to review the application and issue a new Noise Acceptance Certificate (**CAAB Form AIR 238**) to all qualifying aircraft.



Handwritten signature in black ink, consisting of stylized initials and a surname.

.....
For/Civil Aviation Authority of Botswana



Date: 07/02/2014

End of Circular

Intentionally left blank