



REPUBLIC OF BOTSWANA
CIVIL AVIATION AUTHORITY OF BOTSWANA
P. O. Box 250, GABORONE, BOTSWANA
Tel: +267 3688200 Fax: +267 3913121/3930165
www.caab.co.bw

CABY

08-2018

**CIVIL
AVIATION
BYE-LAW**

NATIONALITY AND REGISTRATION MARKS

Document No.: CABY 08/18
14th March 2018



PREAMBLE: These Bye-Laws are made by the Civil Aviation Authority of Botswana with the approval of the Minister of Transport and Communications under Section 8 (2) of the Civil Aviation Act, 2011.

CITATION: These Bye Laws may be cited as the Civil Aviation Authority of Botswana (Nationality and Registration Marks) Bye Laws.

1. PURPOSE

The purpose of this Civil Aviation Bye-Law (CABY) is to clarify the requirements for nationality and registration marks.

2. APPLICABILITY

This Bye-Law shall apply to all aircraft registered in the Republic of Botswana.

3. EFFECTIVITY

This Civil Aviation Bye-Law (08-2018) shall become effective immediately.

4. REFERENCES

- Civil Aviation (Aircraft Nationality and Registration Marks) Regulations

5. REQUIREMENTS

5.1 Specification of Marks

- (a) The nationality and registration marks shall consist of capital letters in Roman characters without ornamentation. Numbers shall be Arabic numbers without ornamentation.
- (b) The width of each character (except the letter I and the number 1) and the length of the hyphen between the nationality mark and registration marks shall be two-thirds of the height of a character.
- (c) Each character shall be separated from the letter that immediately precedes or follows it by a space of not less than one-quarter of a character width, the hyphen being regarded as a character for this purpose.
- (d) The characters and hyphens shall be formed by solid lines and shall be of a colour contrasting clearly with the background. The thickness of the lines shall be one-sixth of the height of a character.

5.2 Measurements of Registration Marks

- (a) The nationality and registration marks shall be formed of letters of equal height, and shall be so situated as to leave a margin of at least 50 mm along each edge of any surface to which they are affixed.
- (b) The height of the marks on lighter-than-air aircraft shall not be less than 500 mm.
- (c) The height of the marks on aeroplanes, gliders, and powered gliders shall be:
 - (i) On the wings, not less than 500 mm; and,
 - (ii) On the fuselage or equivalent structure and on the vertical surfaces, not less than 300 mm, except that where the surface is not large enough to accommodate full-size marks the Authority may approve marks of a lesser measurement provided they are not less than 150 mm in height and can be readily identified.
- (d) The height of the marks on rotorcraft shall be:
 - (i) On the bottom surface of the fuselage or cabin, not less than 500 mm high; and
 - (ii) on the sides of the fuselage or cabin, not less than 250 mm high; except that where the surface is not large enough for full-size marks the Authority may approve marks of a lesser measurement provided they are not less than 150 mm in height and can be readily identified.

5.3 Location of Marks – Lighter than air aircraft

5.3.1 The marks required by Botswana Civil Aviation (Aircraft Nationality and Registration Marks) Regulations on airships shall appear:

5.3.1.1 Lengthwise on each side of the hulls near the maximum cross section of the airship and on the upper surface on the line of symmetry; or

5.3.1.2 On the following stabilizers:

- (a) The horizontal stabilizer, on the right half of the upper surface and on the left half of the lower surface with the tops of the letters towards the leading edge:
- (b) The vertical stabilizer, on each side of the bottom half stabilizer, with the letters placed horizontally.

5.3.2 The marks required by Botswana Civil Aviation Regulations on spherical balloons shall appear in two (2) places diametrically opposite and located near the maximum horizontal circumference of the balloon.

5.3.3 The marks required by Botswana Civil Aviation (Aircraft Nationality and Registration Marks) Regulations on non-spherical balloons shall appear on each side, located near the maximum cross-section of the balloon and immediately above the rigging band or the points of attachment of the basket suspension cables.

5.3.4 The side marks required by this rule shall be visible both from the sides and from the ground.

5.4 Location of Marks – Heavier than air aircraft

5.4.1 The marks required by Botswana Civil Aviation (Aircraft Nationality and Registration Marks) Regulations on aeroplanes, gliders, and powered gliders shall appear:

- (a) Except as provided in paragraph 5.2 (c), once, on the lower surface of the left hand wing structure. If the marks are confined to the outer half of the wing structure, they shall be located on the left lower surface. The tops of the letters shall be towards the leading edge of the wing and so far as is possible, be equidistant from the leading and trailing edges of the wing; and,
- (b) On both sides of the fuselage between the wings and tail surfaces, or on the upper halves of the vertical tail surfaces. Marks on a single vertical tail surface shall appear on both sides. Marks on multi-vertical tail surfaces shall appear on the outboard sides of the outer surfaces.

5.4.2 The marks required by Botswana Civil Aviation (Aircraft Nationality and Registration Marks) Regulations on rotorcraft shall appear:

- (a) On the bottom surface of the fuselage or cabin with the top of the marks towards the front of the fuselage; and,
- (b) On both sides of the fuselage or cabin or tail boom in a prominent place not obstructed in normal use.

5.4.3 If a heavier-than-air aircraft such as a micro light aeroplane does not possess parts corresponding to those mentioned in the applicable paragraph of this rule, the marks shall appear in such a manner that the aircraft can be readily identified to the satisfaction of the Authority.

5.5 Allocation of Special Registration Marks

5.5.1 These are registration marks of the applicant's choice. They are allocated on request in writing, when available and they shall attract an extra fee in addition to the normal aircraft registration fee.

5.5.2 When the letters are used for registration mark, combinations shall not be used which might be confused with the Five-letter combinations used in the International Code of Signals. The use of three-letter combinations commencing with the letter "Q" and the use of distress signal SOS or other similar urgent signals such as XXX, PAN, and TTT is prohibited.

5.5.3 The use of any combination of letters which might be deemed offensive shall not be permitted by the Authority.

6. GUIDANCE

The provisions of this Bye-Law shall be read together with the provisions of the Civil Aviation (Aircraft Nationality and Registration Marks) Regulations.

Approved on this 22nd Day of MAY 2018



Onkokame K. Mokaila
Minister
Ministry of Transport and Communications

Made on this 22nd Day of MAY 2018



Puseletso G. Moshabesha
Chief Executive Officer
Civil Aviation Authority of Botswana