

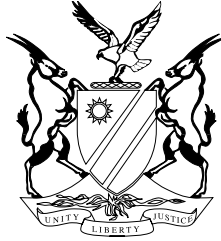
MINISTRY OF WORKS, TRANSPORT AND COMMUNICATION

No. 52

2003

**NAMIBIAN CIVIL AVIATION TECHNICAL STANDARDS
NAM-CATS-ARM "REGISTRATION AND MARKING"**

The Director: Civil Aviation has under regulation 11.03.5 of the Namibian Civil Aviation Regulations, 2001 and in consultation with the Civil Aviation Regulations Committee issued the technical standards in the Schedule. These technical standard shall come into operation on 31 March 2003.



REPUBLIC OF NAMIBIA

CIVIL AVIATION

**DOCUMENT NAM-CATS-ARM
(AIRCRAFT REGISTRATION AND MARKING)**

NAMIBIAN CIVIL AVIATION TECHNICAL STANDARDS RELATING TO AIRCRAFT REGISTRATION AND MARKING

1. GENERAL

Section 22A of the Aviation Act, 1962 (as amended by section 5 of the Aviation Amendment Act, 1998) empowers the Director: Civil Aviation to issue technical standards for civil aviation on the matters which are prescribed by regulation.

The Director: Civil Aviation has pursuant to the empowerment mentioned above, on 31 March 2003 issued technical standards relating to aircraft registration and marking to be known as Document NAM-CATS-ARM.

2. PURPOSE

Document NAM-CATS-ARM contains the standards, rules, requirements, methods, specifications, characteristics and procedures which are applicable in respect of aircraft registration and marking.

Each reference to a technical standard in this document, is a reference to the corresponding regulation in the Namibian Civil Aviation Regulations, 2001, for example, technical standard 47.00.5 refers to regulation 5 of Subpart 00 of Part 47 of the Regulations.

The abbreviation "CAR" is used throughout this document when referring to any regulation.

The abbreviation "TS" refers to any technical standard.

3. SCHEDULES AND NOTES

Guidelines and recommendations in support of any particular technical standard, are contained in schedules to, and/or notes inserted throughout the technical standards.

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- ANNEXURE C : CERTIFICATE OF REGISTRATION**
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47.00.3 REQUIREMENT FOR AIRCRAFT MARKING

1. Definitions

Any word or expression to which a meaning has been assigned in the Aviation Act, 1962, and the Namibian Civil Aviation Regulations, 2001, bears, when used in this publication, the same meaning unless the context indicates otherwise, and -

“Approved” means approved by the Director;

“fireproof material” means a material capable of withstanding heat as well as or better than steel when the dimensions in both cases are appropriate for the specific purpose;

“heavier-than-air aircraft” means any aircraft deriving its lift in flight mainly from aerodynamic forces;

“lighter-than-air aircraft” means any aircraft supported mainly by its buoyancy in the air.

2. Allocation of marks

The Namibian nationality mark is V5 and the registration mark is a group consisting of three letters appearing after and separated from the nationality marks by a hyphen, for example, V5-AAA.

3. Identification plate

- (1) Every Namibian registered aircraft must have affixed to it an identification plate stamped or engraved with its nationality and registration marks.

- (2) The identification plate must be -
 - (a) made of fireproof metal or other fireproof material of suitable physical properties; and
 - (b) affixed to the aircraft in a prominent position near the main point of entrance to the aircraft.

4. Display of marks

- (1) The nationality and registration marks must be -
 - (a) painted on the aircraft or affixed by any other approved means ensuring a similar degree of permanence;
 - (b) legible;
 - (c) displayed to the best possible advantage having regard to the construction or features of the aircraft; and
 - (d) kept clean and visible at all times.
- (2) The letters and hyphen must be formed by solid lines and must be of a colour which contrasts clearly with the background on which they are painted.

5. Location of marks: Lighter-than-air aircraft

5.1 Airships

The marks on an airship must appear -

- (1) lengthwise on each side of the hull near the maximum cross section of the airship and on the upper surface on the line of symmetry; or
- (2) on the following stabilisers:
 - (a) the horizontal stabiliser 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 stabiliser on each side of the bottom half stabiliser, with the letters placed horizontally.

5.2 Spherical balloons

The marks on a spherical balloon must appear in two places diametrically opposite and be located near the maximum horizontal circumference of the balloon.

5.3 Non-spherical balloons

The marks on a non-spherical balloon must appear on each side of the balloon and must be located near the maximum cross-section of the balloon immediately above -

- (1) the rigging band; or
 - (2) the point of attachment,
- of the basket's suspension cables.

5.4 All lighter-than-air aircraft

The side marks on all lighter-than-air aircraft must be visible both from the sides and from the ground.

6. Location of marks : Heavier-than-air aircraft

- (1) The marks on aeroplanes and gliders must appear -
 - (a) except as provided in subparagraph (4), once, on the lower left surface of the wing structure; and
 - (b) on both sides of the fuselage between the wings and tail surfaces, or on the upper halves of the vertical tail surfaces.
- (2) If the marks are confined to the outer half of the wing structure, they must be located on the left lower surface.
- (3) The tops of the letters must be towards the leading edge of the wing and as far as possible, be equidistant from the leading and trailing edges of the wing.
- (4) Marks on a single vertical tail surface must appear on both sides of the tail surface.
- (5) Marks on multi-vertical tail surfaces must appear on the outboard sides of the outer surfaces.
- (6) The marks on a rotorcraft (other than a rotorcraft which is a gyrocopter) must appear -
 - (a) on the bottom surface of the fuselage or cabin with the top of the marks towards the front side of the fuselage; and
 - (b) on both sides of the fuselage or cabin or tailboom in a prominent place not obstructed in normal use.
- (7) The marks on a rotorcraft which is a gyrocopter must appear on both sides of a vertical surface.
- (8) Marks on multi-vertical surfaces must appear on the outboard sides of the outer surfaces.
- (9) If a heavier-than-air aircraft does not possess parts corresponding to those mentioned in the appropriate subparagraph of this paragraph, the marks must appear in such a manner that the aircraft can be readily identified.

7. Specification of marks

- (1) The nationality and registration marks must consist of capital letters in Roman characters without ornamentation.
- (2) The width of each letter (except letter "I") and the length of the hyphen must be two-thirds of the height of the letter.
- (3) Each letter must be separated from the letter which immediately precedes or follows it by a space equal to one-third the height of the individual letters, the hyphen being regarded as a letter for this purpose.
- (4) The lines forming the letters and hyphen must be solid and the thickness of those lines must be one-sixth of the height of the letter.

8. Measurement of marks

- (1) The nationality and registration marks must be formed of letters of equal height, and must be so situated as to leave a margin of at least 50 mm along each edge of any surface to which they are affixed.
- (2) The height of the marks on lighter-than-air aircraft must not be less than 500 mm.
- (3) The height of the marks on aeroplanes and gliders must be -
 - (a) on the wings, not less than 500 mm; and
 - (b) 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 Director may approve marks of a lesser measurement provided they are not less than 150 mm in height and can be readily identified.
- (4) The height of the marks on rotorcraft must be -
 - (a) on the bottom surface of the fuselage or cabin, not less than 500 mm high; and
 - (b) 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 Director may approve marks of a lesser measurement provided they are not less than 150 mm in height and can be readily identified.
- (5) If an aeroplane or glider does not possess parts corresponding to those mentioned in the appropriate subparagraph of this paragraph, the marks must appear in such a manner that the aircraft can be readily identified.

9. Break-in-area markings on aircraft

- (1) If areas of the fuselage suitable for break-in by rescue crews in an emergency are marked on an aircraft, such areas must be marked as per Figure 1.
- (2) The colour of the markings must be red or yellow, and, if necessary, they must be outlined in white to contrast with the background.
- (3) If the corner markings are more than 2 m apart, intermediate lines of 90 mm x 3 mm must be inserted so that there is not more than 2 m between adjacent marks.

47.00.5 APPLICATION FOR REGISTRATION**1. Application for registration of an aircraft and the issue of a certificate of registration**

The form referred to in CAR 47.00.5(1) in which application is made for the registration of an aircraft and the issue of a certificate of registration, is contained in Annexure A.

2. Authorising resolution - company

The authorising resolution referred to in CAR 47.00.5(2)(a)(v)(cc), is contained in Annexure B.

3. Authorising resolution - close corporation

The authorising resolution referred to in CAR 47.00.5(2)(a)(vi)(cc), is contained in Annexure B.

4. Authorising resolution - trust

The authorising resolution referred to in CAR 47.00.5(2)(a)(vii)(cc), is contained in Annexure B.

5. Authorising resolution - other

The authorising resolution referred to in CAR 47.00.5(2)(a)(viii)(cc), is contained in Annexure B.

47.00.6 REGISTRATION AND ISSUE OF CERTIFICATE**1. Registration and issue of certificate**

The certificate of registration referred to in CAR 47.00.6(3), is contained in Annexure C.

47.00.8 APPLICATION FOR AMENDMENT OF CERTIFICATE**1. Application for amendment of certificate**

The form referred to in CAR 47.00.8(2)(a) in which application is made for the amendment of a certificate of registration, is contained in Annexure A.

47.00.9 APPLICATION FOR ISSUE OF DUPLICATE CERTIFICATE**1. Application for issue of duplicate certificate of registration**

The form referred to in CAR 47.00.9(2)(a) in which application is made for the issue of a duplicate certificate of registration, is contained in Annexure A.

2. Issue of duplicate certificate of registration

The duplicate certificate of registration referred to in CAR 47.00.9(3), is contained in Annexure C.

47.00.10 NOTIFICATION OF TRANSFER OF RIGHT OF POSSESSION OF AIRCRAFT**1. Notification of transfer of right of possession of aircraft**

The notification referred to in CAR 47.00.10(1), is contained in Annexure A.

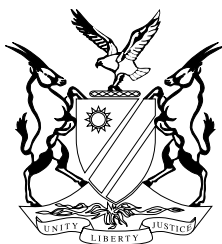
47.00.11 APPLICATION FOR CANCELLATION OF REGISTRATION**1. Application for cancellation of registration**

The form referred to in CAR 47.00.11(2)(a) and (4)(a) in which application is made for the cancellation of the registration of an aircraft, is contained in Annexure A.

47.00.12 CANCELLATION OF REGISTRATION**1. Cancellation of registration**

The certificate of cancellation referred to in CAR 47.00.12(3), is contained in Annexure D.

FIGURE 1. BREAK-IN-AREA MARKINGS ON AIRCRAFT

Annexure A**REPUBLIC OF NAMIBIA****CIVIL AVIATION**

**APPLICATION FOR REGISTRATION APPLICATION FOR THE
AMENDMENT OF CERTIFICATE OF REGISTRATION
APPLICATION FOR THE ISSUE OF DUPLICATE CERTIFICATE
OF REGISTRATION
APPLICATION FOR THE CANCELLATION OF REGISTRATION
NOTIFICATION OF TRANSFER OF RIGHT OF POSSESSION
OF AIRCRAFT**

Notes:

- (i) *An application for registration must comply with the provisions of regulation 47.00.5.*
- (ii) *An application for the amendment of a certificate of registration must comply with the provisions of regulation 47.00.8.*
- (iii) *An application for the issue of a duplicate certificate of registration must comply with the provisions of regulation 47.00.9.*
- (iv) *An application for the cancellation of a certificate of registration must comply with the provisions of regulation 47.00.11.*
- (v) *A notification of transfer of right of possession of an aircraft must comply with the provisions of regulation 47.00.10.*
- (vi) *Section 1 of this form must be completed in all cases.*
- (vii) *All other sections must be completed if applicable to the specific application or notification.*
- (viii) *The original application or notification must be submitted to the Director: Civil Aviation.*
- (ix) *Where the required information cannot be furnished in the space provided, the information must be submitted as a separate memorandum and attached hereto.*
- (x) *Please delete whichever is not applicable.*

Mark the appropriate block

- ☐ Application for registration
☐ Application for the amendment of certificate of registration
☐ Application for the issue of duplicate certificate of registration
☐ Application for the cancellation of certificate of registration
☐ Notification of transfer of right of possession of aircraft

1. PARTICULARS REGARDING THE APPLICANT/REGISTERED OWNER

1.1 Full name:

1.2 Trade name:.....

1.3 Full business / residential address:	1.4 Postal address: Postal code :.....
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1.5 Telephone number:	1.6 Telefax number:
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1.7 Cellular phone number:	1.8 E-mail address :
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1.9 SITA code:	1.10 Telex number:
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1.11 Legal status of applicant/registered owner (individual/company/close corporation/trust/other - specify):

1.12 Registration number in the case of a company/close corporation/trust:

1.13 Date of registration of company/close corporation/trust:

1.14 Full particulars in respect of the individual/each director/member/trustee/person:

Name	Position	Identity Number	Nationality	Country of permanent residence

2. APPLICATION FOR REGISTRATION OF AIRCRAFT

2.1 Present nationality and registration mark of aircraft :

.....

2.2 Namibian registration letters, if registered before in the Republic :

.....

2.3 Manufacturer of the aircraft :

2.4 Aircraft model :

2.5 Aircraft serial number :

2.6 Manufacturer's type designation :

2.7 Date of manufacture :

2.8 I (full
name of director/member/trustee/person authorised to act
on behalf of the applicant)

hereby declare that the above particulars are true in every respect and apply herewith for
registration of this aircraft in Namibia.

Signature : Capacity of signatory :

Date :

2.9 Supporting documents attached:

Mark the applicable blocks

☐ Proof of compliance with the provisions of the Sales Tax Act, 1992, or the Customs
and Excise Act, 1964, as the case may be

In the case of an aircraft which is imported into Namibia for the first time or returns to
Namibia and has to be re-registered on the register:

- ☐ Certificate or notification of cancellation from the appropriate authority of State or
territory in which the aircraft was last registered
- ☐ Full name and postal address of the previous owner of the aircraft
- ☐ Proof of any mortgage which has been recorded in respect of the aircraft
- ☐ If the first of a type of aircraft is imported into Namibia and is to be registered on
the register, the type acceptance certificate issued by the Director
- ☐ If the aircraft is to be registered in the name of an individual, proof of identity
- ☐ If the aircraft is to be registered in the name of a company -
- ☐ a copy of its most recent register of directors lodged with the Registrar of Companies
- ☐ proof of identity of the director authorised to act on behalf of the applicant
the authorising resolution concerned
- ☐ If the aircraft is to be registered in the name of close corporation -
- ☐ a copy of its founding statement
- ☐ proof of identity of the member authorised to act on behalf of the applicant
the authorising resolution concerned

☐	
☐	If the aircraft is to be registered in the name of a trust -
☐	a copy of the trust instrument or the appropriate letter of appointment
	proof of identity of the trustee authorised to act on behalf of the applicant
	the authorising resolution concerned
☐	If the aircraft is to be registered in the name of any other applicant -
☐	a copy of any other founding documents
☐	proof of identity of the person authorised to act on behalf of the applicant
	the authorising resolution concerned
In the case of any amateur-built aircraft, gyroplane, glider, airship, remotely piloted aircraft, manned free balloon or production-built aircraft:	
☐	Full name and postal address of the previous owner of the aircraft
☐	Proof of any mortgage which has been recorded in respect of the aircraft
☐	If the aircraft is to be registered in the name of an individual, proof of identity
☐	If the aircraft is to be registered in the name of an approved aviation recreation organisation, a copy of the approval

3. APPLICATION FOR THE AMENDMENT OF CERTIFICATE OF REGISTRATION

3.1	I
	(full name of director/member/trustee/person authorised to act on behalf of the applicant/registered owner)
	hereby apply for the amendment of certificate number

3.2	Amendment of the name in which the certificate of registration was issued:
	Name on certificate: New name:

3.3	Amendment of address on the certificate of registration:
	Address on certificate: New address:

3.4	I hereby declare that the above particulars are true in every respect.
	Signature : Capacity of signature :
	Date :

3.5	Supporting documents attached:
	Mark the applicable block
☐	Copy of the certificate of change of name of a company, approved by the Registrar of Companies
☐	Copy of the amended founding statement of the close corporation, approved by the Registrar of Close Corporations

4. APPLICATION FOR THE ISSUE OF DUPLICATE CERTIFICATE OF REGISTRATION

4.1 I
 (full name of director/member/trustee/person authorised to act
 on behalf of the applicant/registered owner)
 hereby apply for the issue of a duplicate of certificate number

4.2 Reason for application:

4.3 Name of aircraft maintenance organisation and licence number, if applicable:

.....

Signature: Capacity of signatory:

Date:

5. APPLICATION FOR CANCELLATION OF REGISTRATION

5.1 I
 (full name of director/member/trustee/person authorised to act
 on behalf of the applicant/registered owner)
 hereby apply for the cancellation of the registration of aircraft registration number V5..... - and
 certificate number with effect from (date)

5.2 Reasons for cancellation:

Signature : Capacity of signatory :

Date :

5.3 Documents attached:

Mark the applicable blocks

- ☐ The original of the last certificate of registration
- ☐ Copy of letter of executorship (executor)
- ☐ Copy of certificate of appointment (trustee)
- ☐ Copy of certificate of appointment (liquidator)
- ☐

6. NOTIFICATION OF TRANSFER OF RIGHT OF POSSESSION OF AIRCRAFT

6.1 Notice is hereby given that the right of possession of aircraft registration number V5..
 - was transferred to
 (full name and address of transferee)
 with effect from (date)

6.2 Certificate number:

6.3	I
	(full name of director/member/trustee/person authorised to act on behalf
	of the registered owner)
	hereby certify that I have provided the transferee with the following documents:
	Mark the applicable blocks
	☐ Certificate of registration
	☐ Certificate of airworthiness
	☐ Technical log
	☐ Airframe logbook
	☐ Engine (s) logbook (s)
	☐ Propeller (s) logbook (s)
	☐ Approved flight manual or equivalent
	☐ Approved mass and balance data and certified equipment list
	☐ Approved minimum equipment list if maximum certificated mass of aircraft exceeds 5 700 kg
	Signature: Capacity of signatory:
	Date:

6.4	Supporting documents attached:
	Mark the applicable block
	☐ Copy of letter of executorship (executor)
	☐ Copy of certificate of appointment (trustee)
	☐ Copy of certificate of appointment (liquidator)

Annexure B

RESOLUTION OF THE (DIRECTORS / MEMBERS / TRUSTEES / OTHER - specify) OF (NAME OF COMPANY / CLOSE CORPORATION / TRUST / OTHER ORGANISATION) PASSED AT ON (DATE) (PLACE)

RESOLUTION:

1. That
 (name of company/close corporation/trust/other organisation)

applies for the registration of aircraft V5-

Model Serial number

in accordance with Part 47 of the Namibian Civil Aviation Regulations, 2001.

2. That
 (full name of director/member/trustee/person)

is authorised to take all the necessary steps on behalf of

.....
 (name of company/close corporation/trust/other organisation)

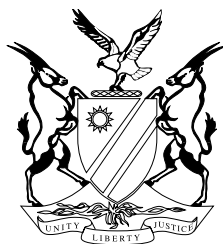
to finalise the application for the registration of the abovementioned aircraft and to sign the application form in the execution of this resolution.

Signatures of directors/members/trustees/other

1. (capacity-specify)

2. (capacity-specify)

3. (capacity-specify)

Annexure C**REPUBLIC OF NAMIBIA****CIVIL AVIATION****CERTIFICATE OF REGISTRATION**

CERTIFICATE NUMBER :

ORIGINAL:	DUPLICATE:
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☐☐

1. NATIONALITY AND REGISTRATION MARKS	2. MANUFACTURER AND MANUFACTURER'S DESIGNATION OR AIR- CRAFT	3. AIRCRAFT SERIAL NUMBER
V5-		

4. Name of owner :

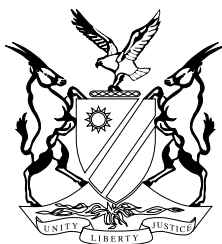
5. Address of owner:
.....
.....

6. Mortgage recorded in respect of aircraft: YES ☐ NO ☐
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7. I hereby certify that the aircraft described above has been duly entered on the Register of Namibian aircraft in accordance with Part 47 of the Namibian Civil Aviation Regulations, 2001.

.....
Date of issue

.....
Director: Civil Aviation

Annexure D**REPUBLIC OF NAMIBIA****CIVIL AVIATION****CERTIFICATE OF CANCELLATION OF REGISTRATION****CERTIFICATE NUMBER :****ORIGINAL:**☐**DUPLICATE:**☐

1. NATIONALITY AND REGISTRATION MARKS	2. MANUFACTURER AND MANUFACTURER'S DESIGNATION OR AIR- CRAFT	3. A I R C R A F T S E R I A L N U M B E R
V5-		

4. Name of owner :

5. Address of owner:

.....

.....

6. I hereby certify that the cancellation of the registration of the aircraft described above has been duly entered on the Register of Namibian aircraft in accordance with Part 47 of the Namibian Civil Aviation Regulations, 2001.

.....
Date of issue

.....
DIRECTOR: CIVIL AVIATION
