

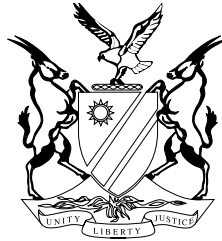
**MINISTRY OF WORKS, TRANSPORT AND COMMUNICATION**

No. 68

2003

**NAMIBIAN CIVIL AVIATION TECHNICAL STANDARDS  
NAM-CATS-ENVIRO "NOISE CERTIFICATION"**

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 standards shall come into operation on 31 March 2003.



**REPUBLIC OF NAMIBIA**

**CIVIL AVIATION**

**DOCUMENT NAM-CATS-ENVIRO  
(ENVIRONMENT PROTECTION)**

## **NAMIBIAN CIVIL AVIATION TECHNICAL STANDARDS RELATING TO ENVIRONMENT PROTECTION**

### **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 environment protection to be known as Document NAM-CATS-ENVIRO.

### **2. PURPOSE**

Document NAM-CATS-ENVIRO contains the standards, rules, requirements, methods, specifications, characteristics and procedures which are applicable in respect of environment protection.

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 34.02.5 refers to regulation 5 of Subpart 02 of Part 34 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.

### **4. INCORPORATION OF INTERNATIONAL AVIATION STANDARDS**

Section 22A(3) of the Aviation Act, 1962 (as amended by section 5 of the Aviation Amendment Act, 1998) empowers the Director: Civil Aviation to incorporate by reference into a technical standard, any international aviation standard.

The current edition of the international aviation standard known as Annex 16 (Environmental protection) Volume I (Aircraft Noise) to the Convention on International Civil Aviation, is incorporated into the technical standards contained in this document.

The current edition of the international aviation standard known as Annex 16 (Environmental protection) Volume II (Aircraft engine emissions) to the Convention on International Civil Aviation, is incorporated into the technical standards contained in this document.

## **LIST OF TECHNICAL STANDARDS**

### **PART 34: ENGINE EMISSION CERTIFICATION**

#### **34.02.1 FUEL VENTING STANDARDS**

1. Fuel venting standards

#### **34.02.2 RECOGNITION OF FOREIGN FUEL VENTING CERTIFICATION**

1. Standards

#### **34.02.3 APPLICATION FOR FUEL VENTING CERTIFICATE**

1. Form of application

- 34.02.5 FORM OF FUEL VENTING CERTIFICATE**  
1. Form of certificate
- 34.03.1 ENGINE EMISSION STANDARDS**  
1. Engine emission standards
- 34.03.2 RECOGNITION OF FOREIGN ENGINE EMISSION CERTIFICATION**  
1. Standards
- 34.03.3 APPLICATION FOR ENGINE EMISSION CERTIFICATE**  
1. Form of application
- 34.03.5 FORM OF ENGINE EMISSION CERTIFICATE**  
1. Form of certificate

**PART 36: NOISE CERTIFICATION**

- 36.00.2 NOISE STANDARDS**  
1. General  
2. Noise standards for microlight aeroplanes
- 36.00.3 RECOGNITION OF FOREIGN NOISE CERTIFICATION**  
1. Standards
- 36.00.5 APPLICATION FOR NOISE CERTIFICATE**  
1. Form of application
- 36.00.7 FORM OF NOISE CERTIFICATE**  
1. Form of certificate

**FIGURES**

FIGURE 1: MICROLIGHT AEROPLANE FLIGHT PROCEDURE

**ANNEXURES**

- ANNEXURE A : APPLICATION FOR FUEL VENTING CERTIFICATE  
ANNEXURE B : FUEL VENTING CERTIFICATE  
ANNEXURE C : APPLICATION FOR ENGINE EMISSION CERTIFICATE  
ANNEXURE D : ENGINE EMISSION CERTIFICATE  
ANNEXURE E : APPLICATION FOR NOISE CERTIFICATE  
ANNEXURE F : NOISE CERTIFICATE

**PART 34**  
**ENGINE EMISSION CERTIFICATION**

**34.02.1 FUEL VENTING STANDARDS****1. Fuel venting standards**

The fuel venting standards referred to in CAR 34.02.1 are the appropriate fuel venting standards contained in Part II of the current edition of Annex 16, Volume II.

**34.02.2 RECOGNITION OF FOREIGN FUEL VENTING CERTIFICATION****1. Standards**

The standards that apply for the recognition of a foreign fuel venting certificate are the appropriate fuel venting standards referred to in TS 34.02.1.

**34.02.3 APPLICATION FOR FUEL VENTING CERTIFICATION****1. Form of application**

The form referred to in CAR 34.02.3(a), in which application for the issuing of a fuel venting certificate must be made, is contained in Annexure A.

**34.02.5 FORM OF FUEL VENTING CERTIFICATE****1. Form of certificate**

The form referred to in CAR 34.02.5, on which a fuel venting certificate is issued, is contained in Annexure B.

**34.03.1 ENGINE EMISSION STANDARDS****1. Engine emission standards**

The engine emission standards referred to in CAR 34.03.1 are the appropriate engine emission standards contained in Part III of the current edition of Annex 16, Volume II.

**34.03.2 RECOGNITION OF FOREIGN ENGINE EMISSION CERTIFICATION****1. Standards**

The standards that apply for the recognition of a foreign engine emission certificate are the appropriate engine emission standards referred to in TS 34.03.1.

**34.03.3 APPLICATION FOR ENGINE EMISSION CERTIFICATE****1. Form of application**

The form referred to in CAR 34.03.3(a), in which application for the issuing of an engine emission certificate must be made, is contained in Annexure C.

**34.03.5 FORM OF ENGINE EMISSION CERTIFICATE****1. Form of certificate**

The form referred to in CAR 34.03.5, on which an engine emission certificate is issued, is contained in Annexure D.

**PART 36**  
**NOISE CERTIFICATION**

## **36.00.2 NOISE STANDARDS**

### **1. General**

The noise standards referred to in CAR 36.00.2 are the appropriate noise standards contained in the current edition of Annex 16, Volume I.

### **2. Noise standards for microlight aeroplanes**

The average noise emittance limit of a microlight aeroplane at full power and a height of 500 ft AGL may not exceed 78 dBA when measured under the following conditions and procedures:

#### **2.1 Environmental conditions**

- (1) Wind speed may not exceed 15 km/h at any time during test.
- (2) Cloud base to be 5 000 ft AGL minimum.
- (3) Cloud cover to be 4/8 maximum.
- (4) No other air traffic is allowed in a 4 000 meter radius from the measurement position during any measurements.
- (5) The test must be conducted during normal daylight hours.

#### **2.2 Test equipment**

- (1) The equipment to be used, must consist of a sound level meter capable of giving an indication in dBA with a fast time response. The test equipment must be supplied with a separate sound calibrated and a wind screen.
- (2) The test equipment must comply with the characteristics specified for Type 1 instruments in the publication No. 651 of the International Electrotechnical Commission.
- (3) The equipment must be verified for compliance with the relevant specifications by the supplier on delivery of the equipment. The equipment must be calibrated annually thereafter.

#### **2.3 Certification**

- (1) All tests must be conducted by a person qualified in the use of test equipment, in the presence of an authorised officer or inspector of the Directorate of Civil Aviation and/or a person approved by the body or institution designated by the Director in terms of Part 149 of the CARs.
- (2) Depending on the results, a noise certificate may be issued by the person conducting the test. All documentation must be completed in triplicate, a copy to be handed to the persons referred to in subparagraph (1) and the original to be kept by the manufacturer/owner. All microlight aeroplanes certified for production must have a copy of the noise certificate attached to the airframe logbook before delivery to the prospective owner.
- (3) Approved manufacturers must supply all the relevant information on the noise certificate e.g. powerplant (type, horse-power), propeller (type, number of blades, diameter, pitch), gearbox ratio, noise reduction equipment, etc.
- (4) Attached to the above certificate must be the following information regarding the test equipment:

- (a) Make
- (b) Model
- (c) Serial number of the equipment
- (d) Serial number of the microphone
- (e) Serial number of the calibrator and the sound pressure level value and frequency of the calibrator
- (f) The certificate number and date of the last verification.

#### 2.4 **Compliance by similarity**

Manufacturers/owners may obtain compliance by proving similarity to aeroplanes already tested and passed as described. When requesting compliance by similarity, proof must be submitted, in writing, to show aircraft configuration, engine, propeller arrangement, noise reduction equipment, etc, to be identical to the model previously approved.

#### 2.5 **Compliance date**

All microlight aeroplanes registered in terms of Part 47 of the CARs on or after its date of commencement, must comply with the above noise requirements. All microlight aeroplanes registered before this date must prove compliance with the noise requirements within three (3) years after Part 36 of the CARs comes into operation.

#### 2.6 **Extensions**

Manufacturers/owners of microlight aeroplanes which cannot comply with the limits as stated, may request written extension for a maximum period of six (6) months, during which period a second test may be conducted to prove compliance. No further extension will be granted.

#### 2.7 **Validity**

Microlight aeroplanes tested in accordance with this standard, will remain legal unless the test configuration is altered. This includes items such as changing the propeller pitch, propeller diameter, propeller make and exhaust. Any change will require a re-test. Approved persons will certify that the aircraft configuration has not been changed, as per the noise certificate attached to the aircraft logbook during annual inspections.

#### 2.8 **Test procedure**

- (1) Test equipment:
  - (a) The equipment must be set up with its measurement microphone between 1.2 and 1.5 meters AGL. It must be fitted with a wind screen of which the sound attenuation characteristics are such that it will not affect the accuracy of the measurement.
  - (b) The equipment must be set to “weighting” and “FAST” response.

Before and after each set of readings, the calibration of the equipment must be checked by means of the sound calibrator in accordance with the instructions of the manufacturer. If the calibration readings of the equipment before and after each set of readings does not coincide to within 1.5 dB, the readings obtained must be discarded

and the calibration of the equipment controlled before the test is proceeded with.

- (c) The equipment must be operated strictly in accordance with the instructions from the manufacturer.

(2) Test site:

- (a) The test site must consist of a level piece of hard ground surface of radius of at least 10 meters. The surface may consist of hard ground free from any vegetation, compacted gravel, asphalt or concrete.
- (b) No buildings, trees or other obstacles may be within 250 meters from the measurement position.

(3) Flight procedure:

The aeroplane must be flown in the test pattern as per Figure 1. All tests must be conducted at full power and at a height of 500 ft AGL. The flight path must pass directly over the measurement microphone position while a height of 500 ft AGL is maintained over the measurement microphone. Four traverses must be made, each from a different direction.

(4) Measurements:

- (a) Readings must be taken of the maximum value indicated by the test equipment during the particular overflight. Note must be taken that the difference between the minimum reading with the aeroplane at the furthest position from the test site and the maximum reading during the overflight must be at least 10 dB. Less than that is an indication that the environmental back-ground noise level cause an error in the readings of more than 1 dB.
- (b) The differences between the four readings must not exceed 3 dB. If the differences exceed 3 dB, then the test must continue until four consecutive readings are obtained of which the largest difference between the readings does not exceed 3 dB.
- (c) The four readings must be combined by taking the arithmetic average. The average value shall not exceed 78 dBA.

### **36.00.3 RECOGNITION OF FOREIGN NOISE CERTIFICATION**

#### **1. Standards**

The standards that apply for the recognition of a foreign noise certificate are the appropriate noise standards referred to in TS 36.00.2.

### **36.00.5 APPLICATION FOR NOISE CERTIFICATION**

#### **1. Form of application**

The form referred to in CAR 34.00.5(a), in which application for the issuing of a noise certificate must be made, is contained in Annexure E.

### **36.00.7 FORM OF NOISE CERTIFICATE**

#### **1. Form of certificate**

The form referred to in CAR 36.00.7, on which a noise certificate is issued, is contained in Annexure F.

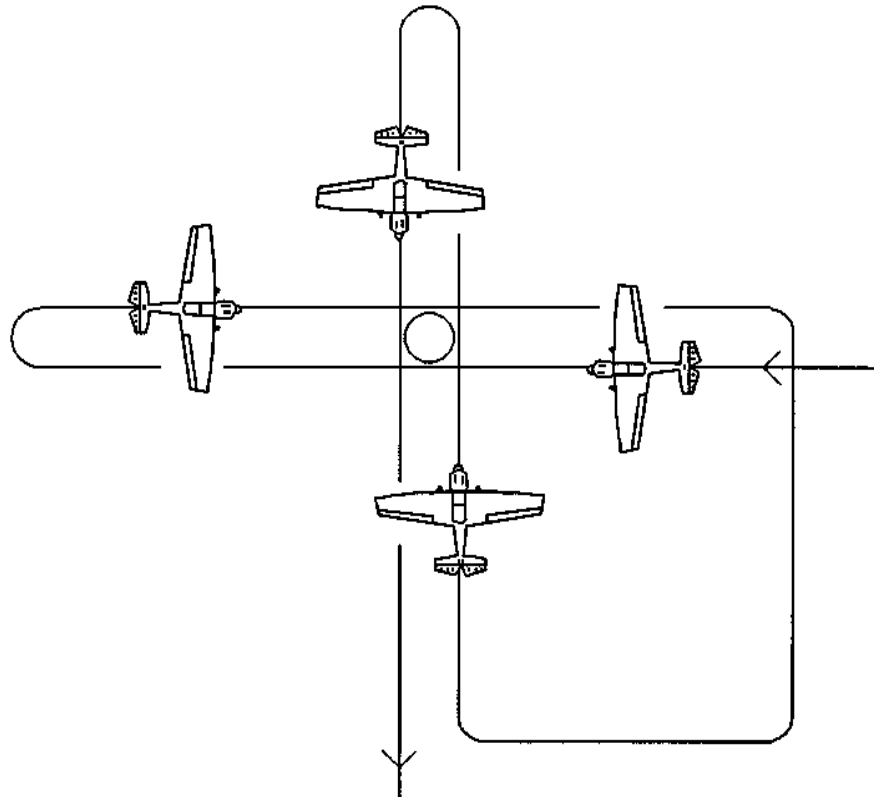
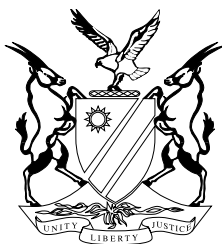
**FIGURE 1: MICROLIGHT AEROPLANE FLIGHT PROCEDURE**

Figure 1 : Test pattern to be flown as shown.  
Maximum radius from test point to be 1 000 meters at any time during test

*Annexure A***REPUBLIC OF NAMIBIA****CIVIL AVIATION****APPLICATION FOR FUEL VENTING CERTIFICATE****Notes:**

- (i) *An application for the issuing of a fuel venting certificate, must comply with the provisions of CAR 34.02.3.*
- (ii) *The original application must be submitted to the Director: Civil Aviation.*
- (iii) *Where the required information cannot be furnished in the space provided, the information must be submitted as a separate memorandum and attached hereto.*
- (iv) *Please delete if not applicable.*

**1. PARTICULARS REGARDING THE APPLICANT**

|     |                  |
|-----|------------------|
| 1.1 | Full name: ..... |
|-----|------------------|

|     |                  |
|-----|------------------|
| 1.2 | Trade name:..... |
|-----|------------------|

|     |                                                                          |     |                                                                   |
|-----|--------------------------------------------------------------------------|-----|-------------------------------------------------------------------|
| 1.3 | Full business / residential address:<br>.....<br>.....<br>.....<br>..... | 1.4 | Postal address:<br>.....<br>.....<br>.....<br>Postal code : ..... |
|-----|--------------------------------------------------------------------------|-----|-------------------------------------------------------------------|

|     |                         |     |                       |
|-----|-------------------------|-----|-----------------------|
| 1.5 | Telephone number: ..... | 1.6 | Telefax number: ..... |
|-----|-------------------------|-----|-----------------------|

|     |                              |     |                       |
|-----|------------------------------|-----|-----------------------|
| 1.7 | Cellular phone number: ..... | 1.8 | E-mail address :..... |
|-----|------------------------------|-----|-----------------------|

|     |                           |      |                     |
|-----|---------------------------|------|---------------------|
| 1.9 | SITA code (if any): ..... | 1.10 | Telex number: ..... |
|-----|---------------------------|------|---------------------|

|      |                                                                                                        |
|------|--------------------------------------------------------------------------------------------------------|
| 1.11 | Legal status of applicant/holder (individual/close corporation/company/trust/other -specify):<br>..... |
|------|--------------------------------------------------------------------------------------------------------|

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

.....

1.13 Full particulars in respect of the individual/each responsible director/shareholder/partner/member/office bearer:

| Name  | Position | Identity Number | Nationality | Country of permanent residence |
|-------|----------|-----------------|-------------|--------------------------------|
| ..... | .....    | .....           | .....       | .....                          |
| ..... | .....    | .....           | .....       | .....                          |
| ..... | .....    | .....           | .....       | .....                          |
| ..... | .....    | .....           | .....       | .....                          |
| ..... | .....    | .....           | .....       | .....                          |
| ..... | .....    | .....           | .....       | .....                          |
| ..... | .....    | .....           | .....       | .....                          |

1.14 The applicant/holder declares hereby that the particulars provided in this application are true in every respect.

.....  
Signature

.....  
Date

## 2. PARTICULARS REGARDING THE AIRCRAFT

|                                  |                                  |
|----------------------------------|----------------------------------|
| 2.1 Aircraft registration: ..... | 2.2 Aircraft manufacturer: ..... |
|----------------------------------|----------------------------------|

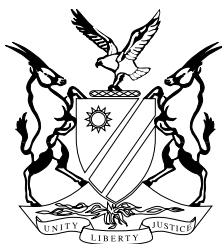
|                           |                                   |
|---------------------------|-----------------------------------|
| 2.3 Aircraft model: ..... | 2.4 Aircraft serial number: ..... |
|---------------------------|-----------------------------------|

|                                |                         |
|--------------------------------|-------------------------|
| 2.5 Engine manufacturer: ..... | 2.6 Engine model: ..... |
|--------------------------------|-------------------------|

|                                 |                                |
|---------------------------------|--------------------------------|
| 2.7 Engine serial number: ..... | 2.8 Date of manufacture: ..... |
|---------------------------------|--------------------------------|

## 3. ATTACHED DOCUMENTS

- Proof of compliance with fuel venting standards

*Annexure B***REPUBLIC OF NAMIBIA****CIVIL AVIATION****FUEL VENTING CERTIFICATE**

1. Certificate number: .....

2. Name of holder: .....

|                                                                    |                                                                               |
|--------------------------------------------------------------------|-------------------------------------------------------------------------------|
| 3. Physical address of holder:<br>.....<br>.....<br>.....<br>..... | 4. Postal address of holder:<br>.....<br>.....<br>.....<br>Postal code: ..... |
|--------------------------------------------------------------------|-------------------------------------------------------------------------------|

|                                 |                          |
|---------------------------------|--------------------------|
| 5. Aircraft registration: ..... | 6. Aircraft model: ..... |
|---------------------------------|--------------------------|

|                                  |                        |
|----------------------------------|------------------------|
| 7. Aircraft serial number: ..... | 8. Engine model: ..... |
|----------------------------------|------------------------|

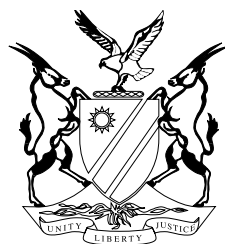
8. Engine serial number: .....

10. I hereby certify that the holder of this certificate has shown compliance with the fuel venting standards prescribed in Part 34 of the Namibian Civil Aviation Regulations, 2001.

11. Conditions:  
 .....  
 .....  
 .....

.....  
 Date of issue

.....  
 Director: Civil Aviation

*Annexure C***REPUBLIC OF NAMIBIA****CIVIL AVIATION****APPLICATION FOR ENGINE EMISSION CERTIFICATE****Notes:**

- (i) *An application for the issuing of a fuel venting certificate, must comply with the provisions of CAR 34.03.3.*
- (ii) *The original application must be submitted to the Director: Civil Aviation.*
- (iii) *Where the required information cannot be furnished in the space provided, the information must be submitted as a separate memorandum and attached hereto.*
- (iv) *Please delete if not applicable.*

**1. PARTICULARS REGARDING THE APPLICANT**

|     |                  |
|-----|------------------|
| 1.1 | Full name: ..... |
|-----|------------------|

|     |                  |
|-----|------------------|
| 1.2 | Trade name:..... |
|-----|------------------|

|                                                                              |                                                                       |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| 1.3 Full business / residential address:<br>.....<br>.....<br>.....<br>..... | 1.4 Postal address:<br>.....<br>.....<br>.....<br>Postal code : ..... |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------|

|                             |                           |
|-----------------------------|---------------------------|
| 1.5 Telephone number: ..... | 1.6 Telefax number: ..... |
|-----------------------------|---------------------------|

|                                  |                            |
|----------------------------------|----------------------------|
| 1.7 Cellular phone number: ..... | 1.8 E-mail address : ..... |
|----------------------------------|----------------------------|

|                               |                          |
|-------------------------------|--------------------------|
| 1.9 SITA code (if any): ..... | 1.10 Telex number: ..... |
|-------------------------------|--------------------------|

|      |                                                                                           |
|------|-------------------------------------------------------------------------------------------|
| 1.11 | Legal status of applicant (individual/corporation/company/trust/other -specify):<br>..... |
|------|-------------------------------------------------------------------------------------------|

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

| 1.13 Full particulars in respect of the individual/each responsible director/shareholder/partner/member/office bearer: |          |                 |             |                                |
|------------------------------------------------------------------------------------------------------------------------|----------|-----------------|-------------|--------------------------------|
| Name                                                                                                                   | Position | Identity Number | Nationality | Country of permanent residence |
| .....                                                                                                                  | .....    | .....           | .....       | .....                          |
| .....                                                                                                                  | .....    | .....           | .....       | .....                          |
| .....                                                                                                                  | .....    | .....           | .....       | .....                          |
| .....                                                                                                                  | .....    | .....           | .....       | .....                          |
| .....                                                                                                                  | .....    | .....           | .....       | .....                          |
| .....                                                                                                                  | .....    | .....           | .....       | .....                          |
| .....                                                                                                                  | .....    | .....           | .....       | .....                          |

|                                                                                                                        |       |
|------------------------------------------------------------------------------------------------------------------------|-------|
| 1.14 The applicant/holder declares hereby that the particulars provided in this application are true in every respect. |       |
| .....                                                                                                                  | ..... |
| Signature                                                                                                              | Date  |

## 2. PARTICULARS REGARDING THE AIRCRAFT

|                                  |                                  |
|----------------------------------|----------------------------------|
| 2.1 Aircraft registration: ..... | 2.2 Aircraft manufacturer: ..... |
|----------------------------------|----------------------------------|

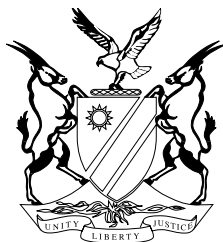
|                           |                                   |
|---------------------------|-----------------------------------|
| 2.3 Aircraft model: ..... | 2.4 Aircraft serial number: ..... |
|---------------------------|-----------------------------------|

|                                |                         |
|--------------------------------|-------------------------|
| 2.5 Engine manufacturer: ..... | 2.6 Engine model: ..... |
|--------------------------------|-------------------------|

|                                 |                                |
|---------------------------------|--------------------------------|
| 2.7 Engine serial number: ..... | 2.8 Date of manufacture: ..... |
|---------------------------------|--------------------------------|

## 3. ATTACHED DOCUMENTS

|                                                                                                        |
|--------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• Proof of compliance with engine emission standards</li> </ul> |
|--------------------------------------------------------------------------------------------------------|

*Annexure D***REPUBLIC OF NAMIBIA****CIVIL AVIATION****ENGINE EMISSION CERTIFICATE**

|                              |
|------------------------------|
| 1. Certificate number: ..... |
|------------------------------|

|                          |
|--------------------------|
| 2. Name of holder: ..... |
|--------------------------|

|                                                                    |                                                                               |
|--------------------------------------------------------------------|-------------------------------------------------------------------------------|
| 3. Physical address of holder:<br>.....<br>.....<br>.....<br>..... | 4. Postal address of holder:<br>.....<br>.....<br>.....<br>Postal code: ..... |
|--------------------------------------------------------------------|-------------------------------------------------------------------------------|

|                                 |                          |
|---------------------------------|--------------------------|
| 5. Aircraft registration: ..... | 6. Aircraft model: ..... |
|---------------------------------|--------------------------|

|                                  |                        |
|----------------------------------|------------------------|
| 7. Aircraft serial number: ..... | 8. Engine model: ..... |
|----------------------------------|------------------------|

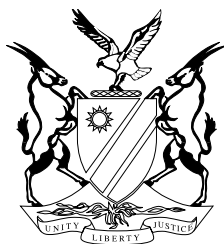
|                                |
|--------------------------------|
| 8. Engine serial number: ..... |
|--------------------------------|

|                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10. I hereby certify that the holder of this certificate has shown compliance with the engine emission standards prescribed in Part 34 of the Namibian Civil Aviation Regulations, 2001. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                            |
|--------------------------------------------|
| 11. Conditions:<br>.....<br>.....<br>..... |
|--------------------------------------------|

.....  
Date of issue

.....  
Director: Civil Aviation

*Annexure E***REPUBLIC OF NAMIBIA****CIVIL AVIATION****APPLICATION FOR NOISE CERTIFICATE****Notes:**

- (i) *An application for the issuing of a noise certificate, must comply with the provisions of CAR 36.00.5.*
- (ii) *The original application must be submitted to the Director: Civil Aviation*
- (iii) *Where the required information cannot be furnished in the space provided, the information must be submitted as a separate memorandum and attached hereto.*
- (iv) *Please delete if not applicable.*

**1. PARTICULARS REGARDING THE APPLICANT**

|     |                  |
|-----|------------------|
| 1.1 | Full name: ..... |
|-----|------------------|

|     |                  |
|-----|------------------|
| 1.2 | Trade name:..... |
|-----|------------------|

|                                                                              |                                                                      |
|------------------------------------------------------------------------------|----------------------------------------------------------------------|
| 1.3 Full business / residential address:<br>.....<br>.....<br>.....<br>..... | 1.4 Postal address:<br>.....<br>.....<br>.....<br>Postal code :..... |
|------------------------------------------------------------------------------|----------------------------------------------------------------------|

|                             |                           |
|-----------------------------|---------------------------|
| 1.5 Telephone number: ..... | 1.6 Telefax number: ..... |
|-----------------------------|---------------------------|

|                                  |                            |
|----------------------------------|----------------------------|
| 1.7 Cellular phone number: ..... | 1.8 E-mail address : ..... |
|----------------------------------|----------------------------|

|                               |                          |
|-------------------------------|--------------------------|
| 1.9 SITA code (if any): ..... | 1.10 Telex number: ..... |
|-------------------------------|--------------------------|

|      |                                                                                           |
|------|-------------------------------------------------------------------------------------------|
| 1.11 | Legal status of applicant (individual/corporation/company/trust/other -specify):<br>..... |
|------|-------------------------------------------------------------------------------------------|

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

.....

1.13 Full particulars in respect of the individual/each responsible director/shareholder/partner/member/office bearer:

| Name  | Position | Identity Number | Nationality | Country of permanent residence |
|-------|----------|-----------------|-------------|--------------------------------|
| ..... | .....    | .....           | .....       | .....                          |
| ..... | .....    | .....           | .....       | .....                          |
| ..... | .....    | .....           | .....       | .....                          |
| ..... | .....    | .....           | .....       | .....                          |
| ..... | .....    | .....           | .....       | .....                          |
| ..... | .....    | .....           | .....       | .....                          |
| ..... | .....    | .....           | .....       | .....                          |

1.14 The applicant/holder declares hereby that the particulars provided in this application are true in every respect.

.....

Signature

.....

Date

## 2. PARTICULARS REGARDING THE AIRCRAFT (OTHER THAN A MICROLIGHT AEROPLAN)

|                                  |                                 |
|----------------------------------|---------------------------------|
| 2.1 Aircraft registration: ..... | 2.2 Aircraft manufacturer:..... |
|----------------------------------|---------------------------------|

|                           |                                   |
|---------------------------|-----------------------------------|
| 2.3 Aircraft model: ..... | 2.4 Aircraft serial number: ..... |
|---------------------------|-----------------------------------|

|                                |                         |
|--------------------------------|-------------------------|
| 2.5 Engine manufacturer: ..... | 2.6 Engine model: ..... |
|--------------------------------|-------------------------|

|                                 |                                |
|---------------------------------|--------------------------------|
| 2.7 Engine serial number: ..... | 2.8 Date of manufacture: ..... |
|---------------------------------|--------------------------------|

2.9 Attached documents:

- Proof of compliance with noise standards

## 3. PARTICULARS REGARDING THE MICROLIGHT AEROPLANE

|                                  |                                  |
|----------------------------------|----------------------------------|
| 3.1 Aircraft registration: ..... | 3.2 Aircraft manufacturer: ..... |
|----------------------------------|----------------------------------|

|                           |                                   |
|---------------------------|-----------------------------------|
| 3.3 Aircraft model: ..... | 3.4 Aircraft serial number: ..... |
|---------------------------|-----------------------------------|

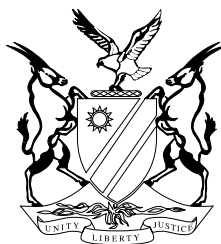
|                                       |                                |
|---------------------------------------|--------------------------------|
| 3.5 Engine manufacturer: .....        | 3.6 Engine model: .....        |
| 3.7 Engine serial number: .....       | 3.8 Date of manufacture: ..... |
| 3.9 Number of propeller blades: ..... | 3.10 Adjustable pitch: Yes/No  |
| 3.11 Propeller diameter: .....        | 3.12 Pitch setting: .....      |
| 3.13 Inlet silencer: Yes/No           | 3.14 Exhaust silencer: Yes/No  |

I, the undersigned, hereby certify that the above microlight aeroplane was tested by me in accordance with the noise requirements prescribed in paragraph 2 of TS 36.00.2 on ..... (date) at ..... The microlight aeroplane passed/failed.

.....  
Signature

.....  
Date

Full name of authorised officer/inspector/approved person: .....

*Annexure F***REPUBLIC OF NAMIBIA****CIVIL AVIATION****NOISE CERTIFICATE**

|                                                                                                                                                                                |                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| 1. Certificate number: .....                                                                                                                                                   |                                                                               |
| 2. Name of holder: .....                                                                                                                                                       |                                                                               |
| 3. Physical address of holder:<br>.....<br>.....<br>.....<br>.....                                                                                                             | 4. Postal address of holder:<br>.....<br>.....<br>.....<br>Postal code: ..... |
| 5. Aircraft registration: .....                                                                                                                                                | 6. Aircraft model: .....                                                      |
| 7. Aircraft serial number: .....                                                                                                                                               | 8. Engine model: .....                                                        |
| 9. Engine serial number: .....                                                                                                                                                 |                                                                               |
| 10. I hereby certify that the holder of this certificate has shown compliance with the noise standards prescribed in Part 36 of the Namibian Civil Aviation Regulations, 2001. |                                                                               |
| 11. Conditions:<br>.....<br>.....<br>.....                                                                                                                                     |                                                                               |

.....  
Date of issue

.....  
Director: Civil Aviation

\_\_\_\_\_