



## **NOARLUNGA MODEL AERO SPORTS Inc.**

Flying field and club rooms.

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[www.nmas.info](http://www.nmas.info)

# **NOISE TESTING**

## **MOP NUMBER 11**

(REVISED 19/01/2026)

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### **NARRATIVE OF MOP**

Noise emitted by models has proven to be one of the major causes of complaint from members of the public and these complaints have resulted in the restriction of flying times and in some circumstances the closure of flying fields. Excessive noise can also be damaging to the hearing of persons in the vicinity.

### **PURPOSE**

To ensure that the noise emitted by model aircraft, both internal combustion and electric powered is within the limit set from time to time by the Committee.

### **DEFINITION**

Noise: The noise emitted from a model aircraft either by operations of an internal Combustion engine (or electric engine), or from the rotation of the propeller or both.

Noise Testing: The test carried out in accordance with the criteria set by the committee utilising the club's noise meter.

### **POLICY**

1. No model will be flown at NMAS field if the noise level is in excess of club rules.
2. The current noise level set by the committee is 96 decibels.
3. The committee can vary the noise level from time to time.
4. All models flown at the NMAS field will be subject to noise testing, as follows.
  - 4.1. All petrol engines will be noise tested prior to being flown (for the first time or following changes in setup) without exception.
  - 4.2. All other models can be tested, if the noise emitted sounds excessive or annoying, to ensure that it complies with all noise regulations.
5. Noise Testing is to be conducted as per the following procedure:
6. Noise Testing Procedure.
  - 6.1. All noise testing of models shall be done at the designated Noise Test Area at the Northern end of the pits.
  - 6.2. The noise meter shall be on its tripod three metres west of the Noise Test Block.

- 6.3. The model will be held with the motor over the noise test block, and four readings shall be taken from the Front/Right /Rear & Left by turning the model through 90degrees each time.
- 6.4. The four readings will be averaged to determine if the noise level complies with current level set for NMAS.
- 6.5. A record of all tests shall be kept with the following details included
  - Date:
  - Owner's name:
  - Model title:
  - Motor type:
  - Motor size:
  - Propeller size:
  - Maximum RPM:
  - Type of muffler:
  - Average noise level:
  - who conducted the test:

### **RESPONSIBILITY**

It is the responsibility of all members to ensure that all models flown at the field do not exceed the current limit set by the Committee.