

# MODEL AERONAUTICAL ASSOCIATION OF AUSTRALIA



## DISPLAY PROCEDURE

**MOP019**

## Table of Contents

1. INTRODUCTION .....	1
2. PURPOSE .....	1
3. SCOPE .....	1
4. REFERENCES .....	1
5. DEFINITIONS .....	2
6. POLICY .....	3
7. RESPONSIBILITIES .....	4
8. OUTLINE PROCESSES .....	5
8.1 For All Displays .....	5
8.2 Additional requirements for Display (Part 101 type) .....	6
9. FORMS .....	7
10. APPENDICES .....	7

This Policy and/or Procedure forms part of the MAAA Manual of Procedures. This entire document is for the use of all classes of members of the MAAA in the conduct of activities associated with the MAAA and is not be used for any other purpose, in whole or in part, without the written approval of the MAAA Executive.

Shading of **text** identifies changes to the previous version.

## **DISPLAY PROCEDURE**

### **1. INTRODUCTION**

- 1.1 Model aircraft are displayed by many different methods and to different audiences. This can range from static displays at formal or informal events, to private flying displays or through to large National level public displays with thousands of spectators. The MAAA has both a statutory and due diligence role to ensure that displays are conducted safely. This role may include acting as a delegated authority from CASA, protecting our public image as an organising body which conducts its operations in a safe and responsible manner and ensuring that our insurance risks are properly assessed.

### **2. PURPOSE**

- 2.1 The purpose of this procedure is to ensure Displays of Model Aircraft Flying are done in accordance with the relevant regulations and requirements. It is also to ensure that due consideration has been given to ensuring safety at the displays and to have in place a review process for applications.

### **3. SCOPE**

- 3.1 This procedure applies to all Displays of Model Aircraft Flying organised and conducted by the MAAA, MAAA Ordinary Members (State Associations), State Association Clubs and Affiliate Members of the MAAA to which non-Affiliate Members of the MAAA are invited or expected (because of the nature of the event) to attend.
- 3.2 The flying of model aircraft at a club facility is not considered to be a Display and so is not covered by this procedure when:
- (i) the audience is limited to Affiliated Members of the MAAA, or
  - (ii) bona fide visitors are present and the flying is conducted on an informal basis.

It is not considered a "Display" if a club invites non-affiliate members to their facility with the sole intention of promoting membership of the club by the giving of training in, and exposure to, the flying of model aircraft.

This procedure does not apply to competitions unless they are also Displays as identified in the Definitions.

Exhibitions involving only the static display of aircraft require no special safety considerations, other than the safety of the site, and so are not covered by this Procedure.

### **4. REFERENCES**

- 4.1 MAAA Manual of Procedures.
- 4.2 Civil Aviation Regulation (1998) Part 101

## **5. DEFINITIONS**

**In the context of this procedure, the following definitions shall apply.**

<b>AAAO</b> .....	Approved Aviation Administration Organisation
<b>Affiliate Member</b> .....	A member of a Club properly affiliated with a State Association
<b>Approved Area</b> .....	An area approved by CASA under CAR Part 101.030 for the operation of Model Aircraft
<b>Approved Aviation Administration Organisation</b>	An organisation approved by CASA to administer a designated aviation activity
<b>Bona Fide Visitors</b> .....	Visitors to the club, not necessarily signed into the visitors book under MOP042, who are present in small numbers on a casual basis
<b>CAR</b> .....	Civil Aviation Regulation
<b>CASA</b> .....	Civil Aviation Safety Authority
<b>Club</b> .....	A Club properly affiliated with a State Association
<b>Club Member</b> .....	A financial member of a Club
<b>Competition</b> .....	A competition run by a Club, State Association or the MAAA and open to members of other Clubs and/or Associations but not promoted to the general public. Large competitions, such as World Championships, where it would be reasonably expected that members of the public will attend, shall be treated as a Display.
<b>Display</b> .....	An organised Display of any type of model aircraft flying (including Control Line model aircraft and indoor flying) conducted in front of non-MAAA Affiliate Members
<b>Display (Part 101 type)</b> .....	A Display, which is covered by the provisions of CAR (1998) Part 101 i.e. outdoors and including radio and/or free flight models
<b>Display (other)</b> .....	A Display that is either indoors or involves Control Line aircraft only
<b>Display Director</b> .....	The person responsible for the running of, and safety at the Display
<b>Exemption to CAR (1998) Part 101</b>	Any exemption to the requirements of CAR (1998) Part 101 that is approved by CASA in accordance with the provisions of the regulation
<b>Exhibition</b> .....	A static display of model aircraft only, which involves no model flying of any type

<b>Flight Line Director</b> .....	The person/s nominated by the Display Director to control the “flight line” or flying activities
<b>Gold Wings Standard</b> .....	The person currently flies radio controlled model aircraft to the standard required to achieve MAAA Gold Wings, whether or not the person has passed the test.
<b>MAAA</b> .....	Model Aeronautical Association of Australia Inc.
<b>Organiser</b> .....	The person, Club or Association organising the Display
<b>Permit for a Display</b> .....	The “Application for a Permit to Conduct a Display” form (Form No. MAAA001) signed by a State Association as approved
<b>Permit to Fly</b> .....	A permit, issued by the Association in accordance with the conditions specified in the MAAA Manual of Procedures, authorising flights by a particular model aircraft and pilot/s
<b>Public Display</b> .....	See Display
<b>State Association</b> .....	A State Association properly affiliated with MAAA Inc.

## **6. POLICY**

- 6.1 No Display shall be held under the auspices of the MAAA, without approval for the Display being granted in accordance with this Procedure.
- 6.2 By definition, an Exhibition is not subject to this Procedure and does not require a Display Permit.
- 6.3 If an Affiliate Member of the MAAA, or any entity normally covered by the MAAA Insurance policies, participates in a display of model aircraft without the Display having a proper permit issued by an MAAA State Association, it will invalidate their MAAA insurance cover. This applies even if the Display has been approved by CASA, for example when the model aircraft display is an integrated part of a larger display.
- 6.4 CAR (1998) Part 101, section 101.410, has requirements for conducting Displays. The MAAA, being an Approved Aviation Administration Organisation (AAAO), has delegated the authority to “approve” Displays to State Associations.
- 6.5 A Display conducted by an Affiliated Club at a site that CASA has designated/registered as an “Approved Area” shall be approved by the State Association and issued with a Permit for Display in accordance with this Procedure.
- 6.6 Displays (Part 101), involving the flying of radio control and/or free flight models, conducted at any site other than an Approved Area, shall be approved by the State Association and issued with a Permit for Display in accordance with this procedure. CASA must be advised of the Display in accordance with this Procedure and Part 101, and may impose conditions.
- 6.7 Displays (other), involving Indoor or Control Line Model Aircraft only, shall be approved by the State Association and issued with a Permit for Display in accordance with this Procedure.

- 6.8 Clubs are encouraged to register their flying site as an “Approved Area” by applying to CASA through their State Association in accordance with MOP005 - “Application to Register an Approved Flying Area” Procedure. By having a flying site registered with CASA as an “Approved Area”, the process to obtain approval to conduct a Display is simplified.

## **7. RESPONSIBILITIES**

- 7.1 The State Association has the responsibility to approve Display Applications from Clubs and/or Affiliate Members.
- 7.2 The State Association is responsible for the issue of Display Permits.
- 7.3 The State Association has the responsibility to advise CASA of a proposed Display (Part 101 type) to be carried out at a location that is not an Approved Area.
- 7.4 CASA has the authority/responsibility to impose conditions on any Display (Part 101 type).
- 7.5 The State Association is responsible for notifying the Organiser/Club if the application for a Display Permit is rejected or amended by the State Association and of any conditions imposed by CASA.
- 7.6 The Organiser/Club Secretary/ Display Director is responsible for ensuring that:
- (a) Having considered the types of flying making up the Display, proper precautions are taken to ensure the safety of the participants and spectators. These precautions shall be detailed in the submission and/or shown in the plans of the display area.
  - (b) The operators participating in the Display are competent to carry out the proposed display manoeuvres safely.
- 7.7 The Organiser/Club Secretary is responsible for ensuring that the following documentation is included with the application and reaches the State Association Secretary at least 60 days prior to the date of the proposed Display.
- (a) “Application for a Permit to Conduct a Display” form, Form MAAA001, completed and signed. See Appendix “C”.
  - (b) “Display Director’s Statement”, Form MAAA002, completed and signed. See Appendix “D”.
  - (c) Location of display
  - (d) At least two scale plans of the Display venue:
    - One of a scale suitable for showing details of the layout of the immediate flying field area, displaying spectator location/s, pit areas, permanent and temporary fencing, car and, if applicable, full size aircraft parking etc.
    - A second plan, of a larger scale, showing the general flying field area, flying area, display axis for various wind directions (if applicable), and immediate surrounding areas with distance to nearest buildings and roads shown. See Appendices “A” & “B” for examples of the minimum standard of plans required. It is preferable that plans are drafted rather than hand drawn.
  - (e) Any other supporting documents considered applicable.
- 7.8 The Display Director is responsible for ensuring that the Display is run in conformance/accordance with:
- (a) CAR (1998) Part 101
  - (b) This Procedure
  - (c) The details supplied with the advice of the Display

- (d) MAAA, State Association, Club and general safety rules and requirements
  - (e) Any special requirements imposed by either CASA or the State Association.
- 7.9 The Display Director is responsible for ensuring that:
- (a) All pilots flying in the Display are of suitable competence, which shall be to a minimum of MAAA Gold Wings standard for radio controlled aircraft pilots. This includes all pilots, even if the aircraft is being flown with two transmitters connected with a “buddy cord”.
  - (b) Aircraft requiring permits have valid documentation.
  - (c) Aircraft requiring permits are to be flown within the flight envelope approved on their permit.
  - (d) Only persons endorsed as pilots on the permits of aircraft requiring them are permitted to fly such aircraft at Displays. This includes all pilots, even if the aircraft is being flown with two transmitters connected with a “buddy cord”.
  - (e) All persons assisting in the running of the Display are fully briefed and aware of safety requirements.
- 7.10 The Display Director shall satisfy him/herself of the ability of the pilot to perform the manoeuvres that the display aircraft is capable of doing, under the Display conditions, in a safe manner. The Display Director will decide on the appropriate means of assessment depending on the scale of the Display. This may range from prior assessment in the case of large formal Displays, to the pre-flight briefing and on-going observation for smaller open events. The Display Director is required to ground any pilot not flying to the required standard on the day.
- 7.11 The Display Director is responsible for the appointment of the Flight Line Director but if he/she considers that the Display does not require a separate position, may undertake the role him/herself.
- 7.12 The Flight Line Director is responsible for the safe running of the “flight line”, including control of take-offs, landings and aircraft movements.
- 7.13 The Flight Line Director is responsible for ensuring that the people assisting him in the close vicinity of the flight line are fully briefed of their responsibilities and aware of the safety requirements.
- 7.14 The Organiser of the Display is responsible for obtaining and, where applicable, paying for the required permits and/or approvals to conduct the Display.
- 7.15 The State Association is responsible for retaining a database of, and documentation relative to, the Displays approved or rejected by them for a period of at least five years. The database shall contain as a minimum: date and location of display, date of approval and any special conditions.

## **8. OUTLINE PROCESSES**

These Processes are an outline only of the minimum MAAA requirements. Each State Association shall determine the detailed implementation, taking into account their particular structure.

### **8.1 For All Displays**

- 8.1.1 The Organiser of the Display prepares a submission to request approval for a Display.  
The submission is to include, but is not restricted to:
- (a) Completion of an “Application for a Permit to Conduct a Display” form, Form No. MAAA001.

- (b) Name and contact details of a person deemed to be the Organiser.
- (c) Name of Display Director and the "Display Director's Statement", Form No. MAAA002, duly signed.
- (d) Name of Flight Line Director.
- (e) Locality plan.
- (f) Applications for any temporary exemptions to CAR (1998) Part 101 that are required.
- (g) At least two, dimensioned plans/drawings of the flying site and surrounding area showing, as a minimum:
  - (i) Flying display area, including flying axis for different wind directions;
  - (ii) Location of spectator areas including distances from flying area;
  - (iii) Location of car parks including distances from flying area;
  - (iv) Location of pits;
  - (v) Location of both permanent and temporary fencing;
  - (vi) Location of public roads in vicinity;
  - (vii) Location of buildings in vicinity.

At least one plan shall show the immediate area including pits and spectator areas. The other/s, at a larger scale, shall show the general surrounding area, including flying areas, and distance to nearby buildings etc.

Minimum standard examples of these type of plans are shown in Appendices A and B.

- 8.1.2 The State Association shall consider the submission and, taking into account any agreed changes, if thought to be satisfactory, shall approve the request for the Display in principle.
- 8.1.3 The State Association shall advise CASA if a temporary exemption to CAR (1998) Part 101 is required, such as extension of ceiling height or operation within 3 nautical miles of, or at, a full size airfield, by sending a request for temporary exemption to CASA for their consideration.
- 8.1.4 If required, the State Association will liaise with CASA over any details of the Display.
- 8.1.5 If a temporary exemption to CAR (1998) 101 is required, the State Association shall request that CASA advises the State Association in writing if the variation is approved. This advice shall be sent to the Club/Association making the application.
- 8.1.6 The State Association shall notify the Organiser in writing of the result of the application for the Display Permit, together with copies of any relevant CASA documentation. This shall be by approving Form No. MAAA001, and forwarding any attachments, including CASA approvals if needed. This is the **Permit for a Display**.

## 8.2 Additional requirements for Display (Part 101 type)

- 8.2.1 The State Association shall advise CASA of the full details of the Display (Part 101 type) at least 21 days before the scheduled date of the Display. This shall be done by using Form No. MAAA001, supplying information identified in 8.1.1 and additional information considered necessary.  
Note: CASA does not have to be advised of a Display (other) even if the display is in a non-Approved Area, as it is only indoors or with Control Line aircraft.

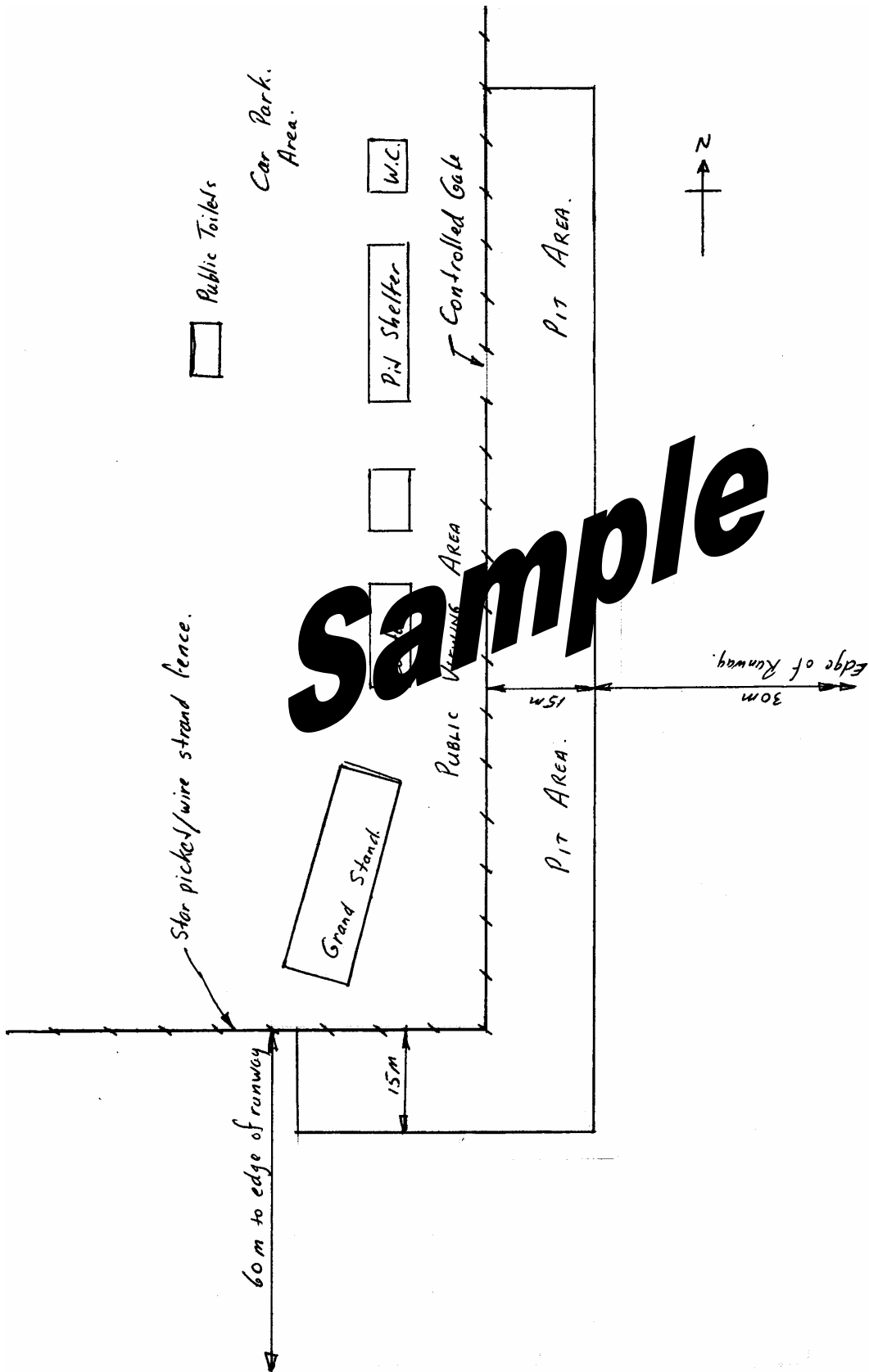
- 8.2.2 The State Association shall request that CASA advises them if there are any special conditions. Once CASA has advised the State Association of any conditions imposed on the Display, the Association shall advise the Club of the conditions set by CASA.

## **9. FORMS**

- 9.1 Application for a Permit to Conduct a Display - Form No. MAAA001.  
See Appendix C
- 9.2 Display Director's Statement - Form No. MAAA002. See Appendix D
- 9.3 New forms are available from the MAAA web site, [www.maaa.asn.au](http://www.maaa.asn.au) or the State Association Secretary.

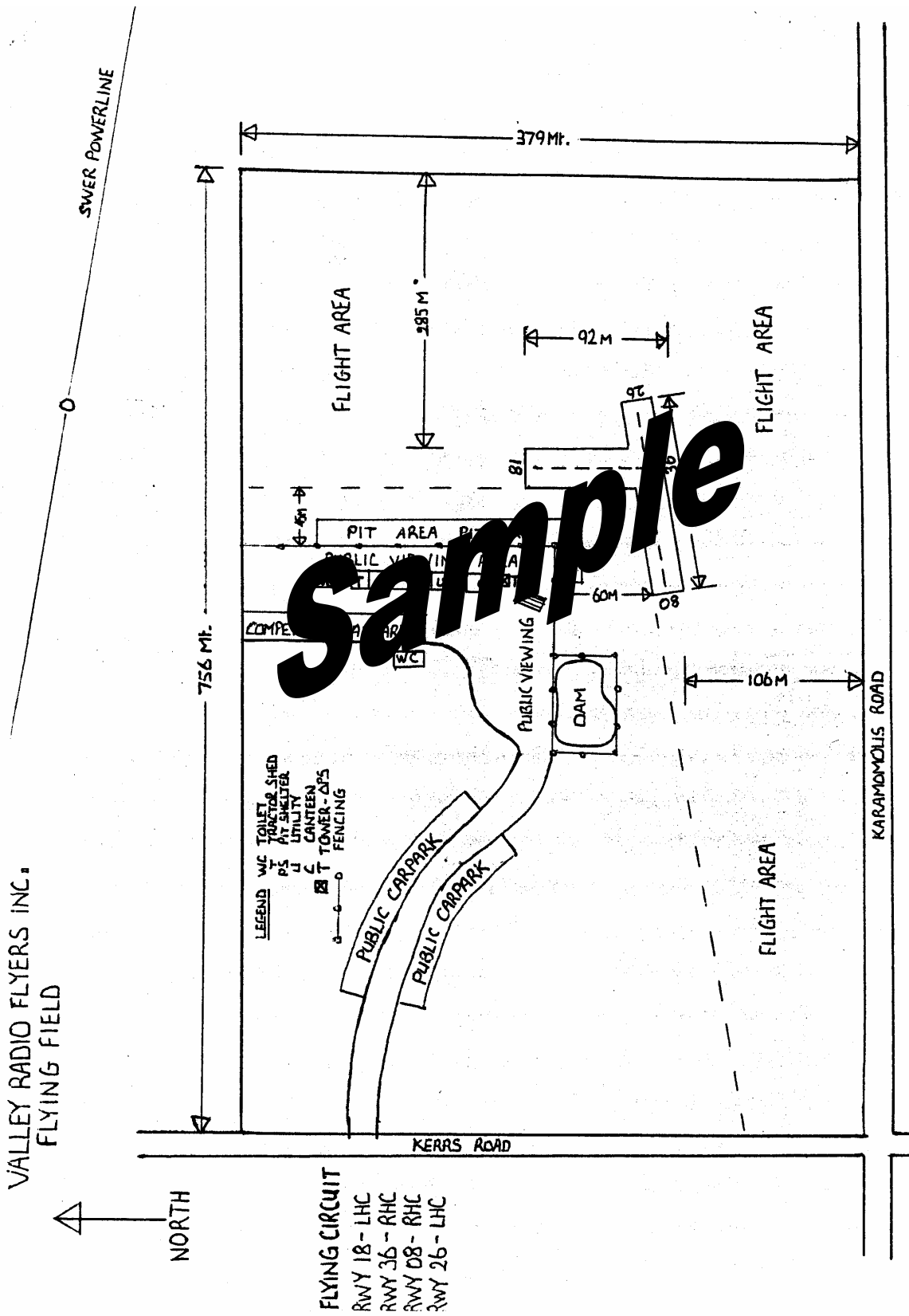
## **10. APPENDICES**

- 10.1 Appendix A – Example of Plan of Display Site.
- 10.2 Appendix B – Example of Plan of Display Site.
- 10.3 Appendix C – Application for a Permit to Conduct a Display - Form No. MAAA001.
- 10.4 Appendix D – Display Director's Statement – Form No. MAAA002.



**Sample**

Appendix "A"



Appendix "B"



**MODEL AERONAUTICAL ASSOCIATION OF AUSTRALIA**  
**APPLICATION FOR A PERMIT TO CONDUCT A DISPLAY**

This form to be completed in conjunction with the Procedure MOP019 - Display Procedure

1. **Name of Club/Organiser** .....
2. **Address** .....  
Post Code ..... Phone ..... Email: .....
3. **Date of Display:** From ..... to ..... **Time of Display:** From ..... to .....
4. **Details of Display Director:** Name .....  
Address ..... Post Code .....  
Phone: Home/Business ..... Mobile ..... Email: .....
5. **Location of Display** .....  
*(Give Map Name and References)*
6. **Aircraft Involved in Display:** R/C, CL, FF, Aerobatics, Glider, Helicopter, Pylon, Old Timer, Heavy Models, Scale, Ducted Fan, Turbine, General Sports (Circle all types involved in Display)
7. **Reason for Display** ..... *eg. Charity Fund Raising, Promotion*
8. **Number of spectators expected** .....
9. **Is the model aircraft display part of a full size display, static or flying?** YES / NO  
If YES, details of display: .....
10. **Are full size aircraft going to fly in the display or during the display or after it?** YES / NO
11. **Is Display Site the Club Field?** YES / NO  
*Note: Scale plans/drawings of display stand and ground dimensions must be submitted with this application.*
12. **Is Site a CASA Approved flying area?** YES / NO If YES, approved ceiling height is .....
13. **Height Limit for Display** ..... feet  
*Note: If the height is above 400 feet or the CASA approved ceiling height for the flying site, then a "Ceiling Height Extension" application must also be included.*
14. **Application for variation to the provisions of CAR (1998) Part 101?** YES / NO.  
If YES, give reason.  
Paragraph No. .... Reason: .....

The display will be conducted with a strict observance of the guidelines as set out in MAAA Procedures & CAR (1998) Part 101.

Organiser's Signature ..... Date .....

Changes to the above proposals required by the State Association: .....

Documentation specifically included in the approval of this proposal: .....

Approved on behalf of State Association: YES

Authorised person: ..... Position: ..... Date: .....

**Appendix "C"**

**Application for a Permit to Conduct a Display**

**Note:** Do not copy the above form. Use the original which is available on the MAAA web site.



**MODEL AERONAUTICAL ASSOCIATION OF AUSTRALIA**

**DISPLAY DIRECTOR'S STATEMENT**

This form to be completed in conjunction with the Procedure MOP019 - Display Procedure

I .....  
(Name and details of Display Director)

of .....

..... Post Code .....

Phone Numbers:

Home: ..... Work: ..... Mobile: ..... Fax: .....

Email: .....

being the nominated Display Director for the Display to be held at:

.....  
.....  
(Location of Display)

from ..... to ..... of my ability, ensure that the display is conducted in accordance with the rules stipulated on the "Application for a Permit to Conduct a Display" form (MAAA) and in accordance with CAR (1998) Part 101 and the requirements of MAAA Procedures; and that the display shall be conducted in a safe manner.

I am aware of the requirements of CAR (1998) Part 101 and the appropriate MAAA Procedures.

I shall satisfy myself that all pilots to fly in the Display are competent and will, to the best of my ability, ensure that the display is conducted in accordance with the approved "Application for a Permit to Conduct a Display" form, CAR (1998) Part 101 and MAAA Procedures.

Flight Line Director:

.....  
(Name of Flight Line Director)

Signed:

Date:

.....  
(Display Director)

.....

- Note: 1. Form to be completed in block letters.
2. This completed form is to be attached to, and sent with the "Application for a Permit to Conduct a Display" form in accordance with the MAAA Display Procedure.

**Note:** Do not copy the above form. Use the original which is available on the MAAA web site.