

# MODEL AERONAUTICAL ASSOCIATION OF AUSTRALIA



## DISPLAY PROCEDURE

**MOP019**

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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 to 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 includes the provision of appropriate oversight of model aircraft activities by 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 carried out in accordance with the relevant regulations, conditions imposed by an Approval and MAAA requirements. The procedure also provides due consideration to ensuring safety at the displays and provides for 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 Safety Regulations 1998 Subparts 101A, B, C and G.

## **5. DEFINITIONS**

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

<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 CASR Subpart 101.030 for the operation of Model Aircraft
<b>Recreational 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>CASR</b> .....	Civil Aviation Safety Regulations 1998
<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 (CASR Part 101 type)</b>	A Display, which is covered by the provisions of CASR Subpart 101.410 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>Ensure</b> .....	For the purpose of this procedure the meaning of the word 'ensure' is to take all reasonable and prudent steps to ascertain that the requirement is achieved and does not have the meaning that this is to be guaranteed. In some cases guidance is given within this procedure as to the appropriate steps that might be taken.

<b>Exemption to CASR Subpart 101</b> .....	Any exemption to the requirements of CASR Subpart 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>Instrument of Approval</b> .....	An Instrument of Approval as issued by CASA which contains an approval to hold a display and also contains conditions to be met for such a display
<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>RAAO</b> .....	Recreational Aviation Administration Organisation
<b>Risk Assessment</b> .....	See MOP022 Risk Assessment Procedure
<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 CASR Subpart 101.410 has requirements to be complied with for conducting a Display and for applying for an Instrument of Approval from CASA for certain Displays. The MAAA, being an RAAO has delegated the authority to “approve” Displays that do not require CASA approval to the relevant State Association.
- 6.4 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. CASA must be advised of the Display in accordance with this Procedure and CASA Subpart 101.410 and CASA may impose additional conditions on such a display.

- 6.5 Displays involving the flying of radio control and/or free flight models, conducted at any site other than an Approved Area, shall be assessed by, and an Instrument of Approval issued by CASA.
- 6.6 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.
- 6.7 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.

## **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 (CASR Subpart 101) to be carried out at an Approved Area by no later than 28 days prior to the date of the proposed display.
- 7.4 CASA has the authority/responsibility to impose conditions on any Display (CASR Subpart 101.410 (4)).
- 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 identified as risks and summarised in a Risk Assessment (MOP022) required for every Display.
  - (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) Risk Assessment. Form MAAA031 & MAAA032
  - (d) Location of display
  - (e) 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.

- (f) 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) CASR 1998 Subparts 101A, B, C and G
  - (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 additional conditions 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, and for radio controlled aircraft they shall be capable of flying their display aircraft in a competent and safe manner and with the ability to complete all the display manoeuvres without any loss of control and orientation. 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 pilots to fly to the standard of 7.9 (a), under the Display conditions. 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 prior to smaller Displays. Only pilots meeting the required standard for the Display will be permitted to fly by the Display Director.
- 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) Risk Assessment. Form MAAA031 & MAAA032
- (f) Locality plan.
- (g) Applications for any temporary exemptions to CASR that are required.
- (h) 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;
  - (viii) Location of fire fighting equipment.

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 CASR Part 101 is required, such as a ceiling height exemption or operations within 3 nautical miles of, or at, a full size airfield, by sending a request for temporary height exemption application to CASA for their consideration to be received by CASA at least 28 days prior to the event date.

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 CASR is required, the State Association shall request that CASA advises the State Association in writing if an Instrument of Approval is successful or not. This advice shall be sent to the Club and State 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 Instrument of Approval. This shall be by approving Form No. MAAA001, and forwarding any attachments, including CASA Approvals if issued. This is the **Permit for a Display**.

## **8.2 Additional requirements for Display (CASR Subpart 101 type)**

- 8.2.1 The State Association shall advise CASA of the full details of the Display (CASR Subpart 101 type) at least 28 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 as listed in CASR Subpart 101.410(3) and as requested by the State Association

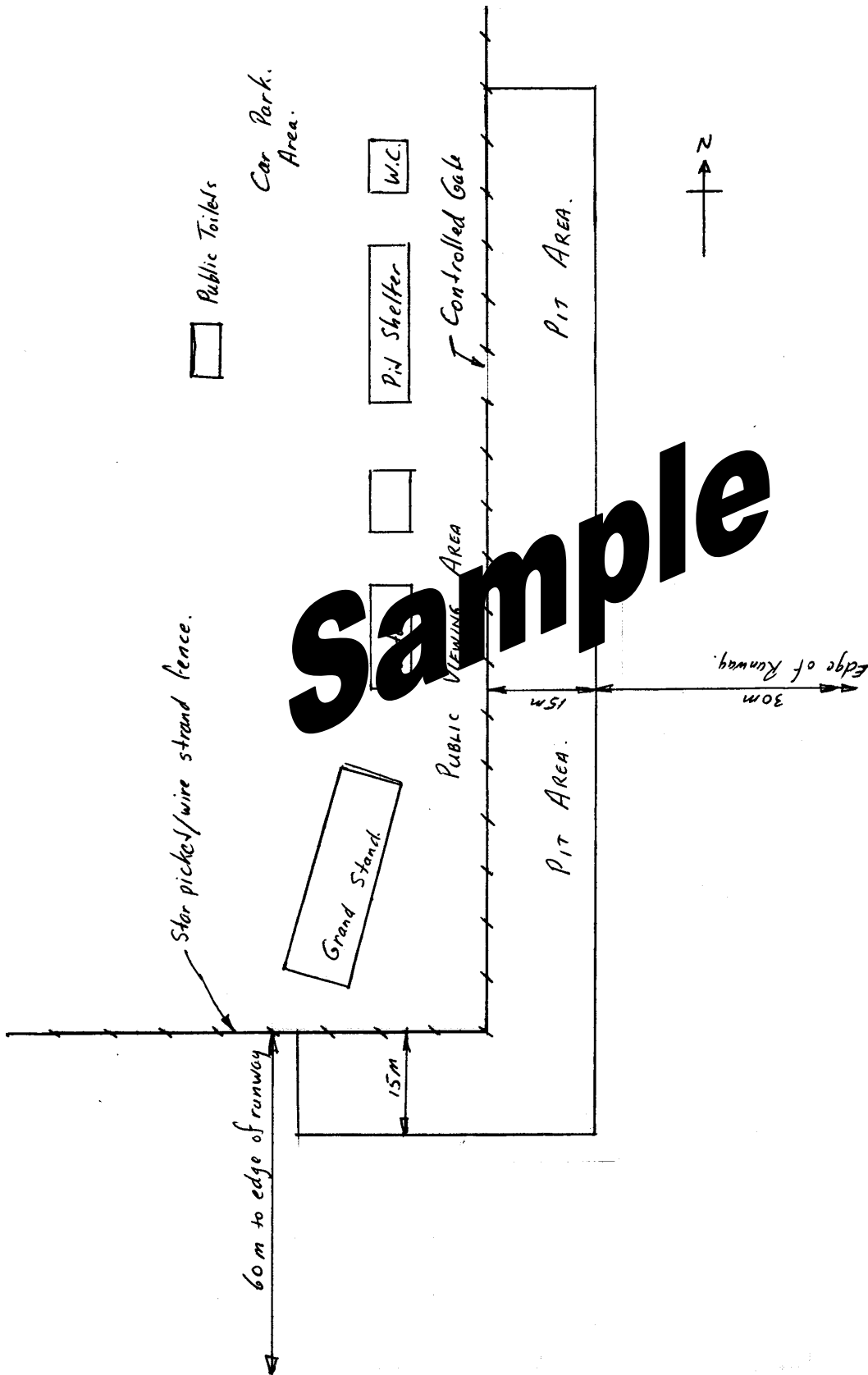
Note: CASA does not have to be advised of a Display if indoors or with Control Line aircraft.

## **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 Risk Assessment – Form No. MAAA013 & MAAA032. See MOP022 Risk Assessment Procedure
- 9.4 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.



Appendix "A"





**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 display?  
If YES, details of display: .....
10. Are full size aircraft going to fly in the display during the period before or after it? YES / NO
11. Is Display Site the CASA Approved Flying Area? YES / NO  
Note: Scale plans/drawings of display site and surrounding area 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 CASR 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 & CASR 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:

.....  
.....

from ..... to ..... shall, to the best of my ability, ensure that the display is conducted in accordance with the details supplied on the "Application for a Permit to Conduct a Display" form (MAAA001); in accordance with CASR 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 CASR 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, CASR 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.