



NOARLUNGA MODEL AERO SPORTS Inc.

Flying field and club rooms.

Gate S34.068 off Clisby Lane, Seaford Meadows. S.A. 5169

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www.nmas.info

FIRE MANAGEMENT PLAN 2023

MOP NUMBER 36

(Revision December 2023)

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This MOP is to be read in conjunction with Model Aero Sports S.A. (MASA) MAP05

1. CONTEXT

Noarlunga Model Aero Sport Inc. operates a model aircraft flying field on a leased portion of the Onkaparinga River Recreation Park.

The field is situated within the park and is surrounded by simple rural post and wire fences.

The leased area is approximately 4 hectares.

Normal access to the field is via Clisby Lane, off Railway Road at Seaford Meadows.

The roadway access gate to the field is locked when Club Members are not present.

The activities of the Club involve operation of methanol, petrol, electric and gas turbine powered model aircraft. Model drones (electric) are also flown at the field.

Gas Turbine aircraft have restricted operations. (Refer to MASA MAP 05)

The volume of fuel carried on each aircraft is considered a small/low amount i.e., less than 2lt.

Methanol/oil mix fuels are very low risk.

Petrol/oil mix powered planes are rated low/medium risk.

Gas Turbine model aircraft use JetA1/oil mix fuel rated low risk.

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The activities of the Club require that all grass within our leased area is kept mown to a height less than 20cm.

In addition, a central synthetic landing strip has been installed at ground level.

There are taxi ways and pit areas planted with couch type grasses which are irrigated by an in-ground sprinkler system and kept closely mown to a height of about 3cm.

A clubroom and several large storage sheds (all steel) are located adjacent to the main driveway on the western side of the field.

240 vac power (underground) and water are connected to these buildings.

Main power/meter board located south-western corner of clubroom externally.

A concrete brick toilet block is located approximately 100 metres south of these buildings.

Steel pit structures and work benches are installed centrally on the field.

They also have 240v ac power available by underground cable controlled by switches in clubroom.

At southern end of the large shed is an attached Tractor/mower storage garage.

Tractor has a diesel engine; diesel fuel is not generally stored in the Tractor garage.

The northern half of the clubrooms is a storage area and contains a petrol ride on mower and petrol driven garden equipment. 20lt or less petrol may be stored in approved containers.

A 20ft steel storage container (locked) is located adjacent to the western fence approximately 80mt from northern boundary. Nil fuel storage permitted.

A gravel roadway and parking areas run along the western side of the field.

A Metropolitan Fire Service Station is located approximately 1.5 Km from the field on Seaford Road.

A diagram of the leased area is attached.

2. AIM

The aims of this plan are:

- a. To protect life and reduce the impact of bushfires on property and the environment within the Club's leased area.
- b. To provide community bushfire protection whilst ensuring that proper land management principles are considered.

3. OBJECTIVES

- a. To identify fire management strategies for ongoing management of the Club's site.
- b. Provide a detailed list of recommended prevention works for the site.
- c. Provide an annual review and validation process for the plan.

4. FIRE HISTORY

The field has had limited exposure to fire over preceding years.

Several electric powered models have been destroyed due to fires in their battery packs caused by crashes.

These have generally been contained within the crashed model.

5. FIRE HAZARD

Fuel loadings in the area are rated as follows:

Surrounding surface fuels in the park outside NMAS fences to the north, south, east & west:	High
NMAS leased area site surface fuels:	Low
Elevated Fuels:	Low
NMAS leased area site surface fuels:	Low
Bark:	Low
Overall Rating:	Low

This assessment has been made using the overall fuel hazard guide developed by Natural Resources and Environment Victoria and is seen as the Australian Standard.

6. FIRE RISK

The risk of fire starting in the NMAS leased area is rated as:

Lightning:	Low
Arson:	Medium
Vehicle:	Medium
Club Activities:	Low
Other: Adjacent high vegetation on four boundaries:	High

7. ON GOING STRATEGIES

- a. Maintain existing fire breaks along all fence lines.
Ensure that the entrance roadway and car park is kept clear of grasses and fallen timber from trees.
- b. Maintain a clear driveway for vehicles along the west fence line to the gate.
- c. Restrict unauthorised vehicle access to site. This requires maintenance of existing fencing and locking the gate when Club members are not present.
- d. Maintain certified fire extinguishers.
- e. Annually review activities and safety procedures.
- f. An appropriately stocked mobile Fire Cart is available for use if required.

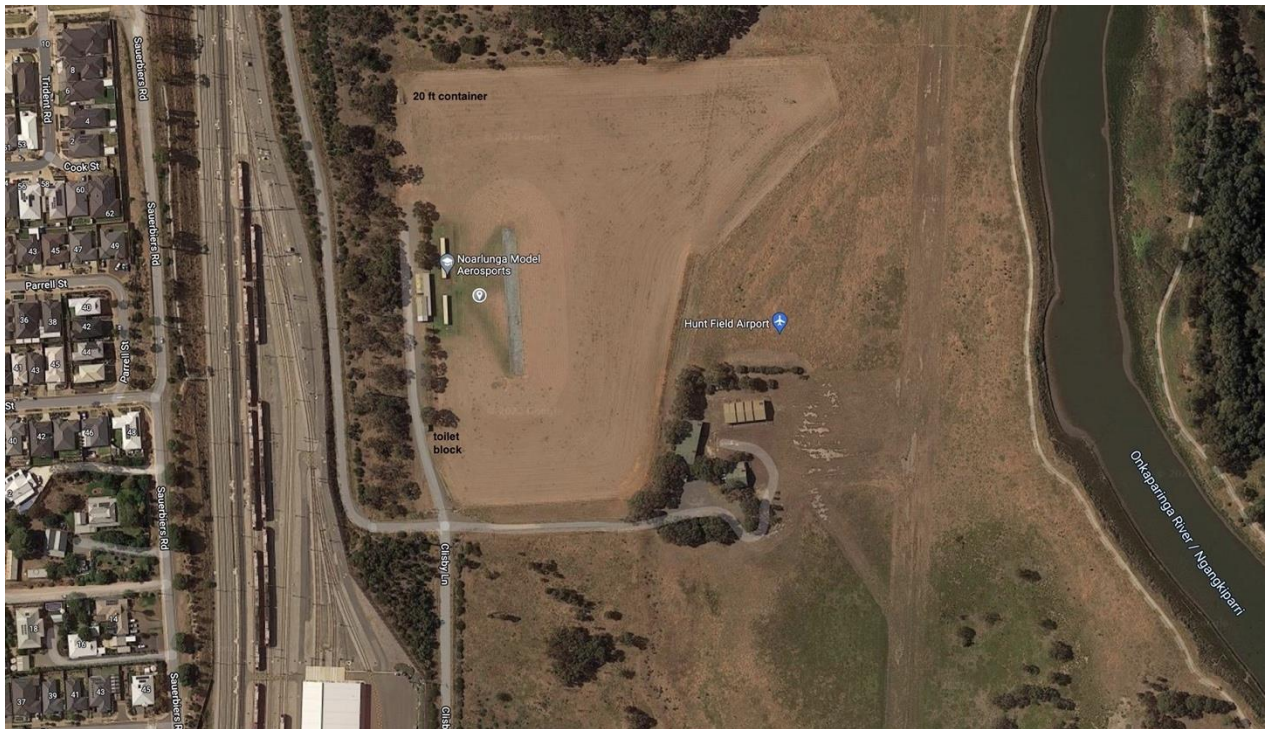
On all days during the fire danger season pilots should assess the fire risk before flying. The following factors should be considered:

- a. Ongoing fires in the surrounding area – Check the Alert SA phone app.
- b. Ambient Temperature.
- c. Wind Speed and direction and forecast wind changes.
- d. Type of aircraft to be flown,
- e. Members present to assist with fire suppression.

8. ACTION PLAN.

MONTH	ACTIVITY	RESPONSIBLE PERSON	COMPLETED DATE	SIGNED
July	Prepare and Inspect Club tractor and mowers & weed trimmer.	Mowing Team		
August	Inspect NMAS site including all fire prevention equipment. Check validity of fire extinguishers.	Management Committee		
September	Reduce fuel loads beneath trees on our property.	Members working bee		
October	Create a closely mown fire break 5 metres wide along fence lines.	Mowing Team		
October	Reduce fuel load around fence posts with brush cutters and application of weed killer.	Members working bee		
December	Monitor growth of weeds and remove clumps progressively	Management Committee		
March	Inspect and maintain all fire prevention equipment in buildings.	Management committee		
June	Review of Management Plan and present to DEWNR in accordance with Lease.	Management Committee		
Regular Maintenance (Ongoing)	Mow outer portions of field to a height of less than 20cm Continue to mow irrigated areas used for operation of aircraft to a height of approx. 3cm	Mowing Team		
Regular Maintenance (ongoing)	Poison noxious weeds etc	Members		

9. MAP

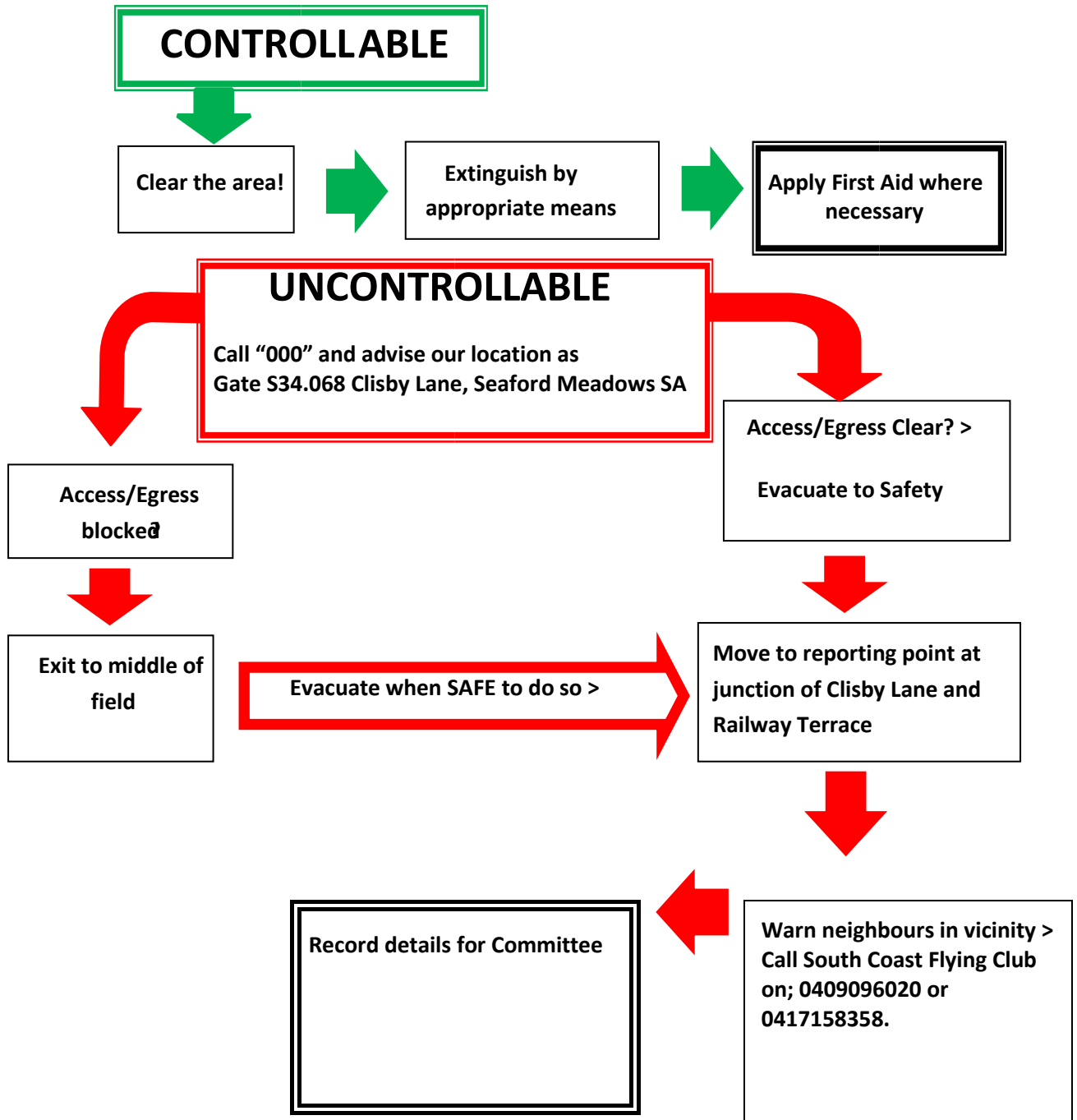


10. FIRE EMERGENCY AND EVACUATION PROCEDURES.

To determine the strategy to be followed several points need to be considered before implementing the appropriate necessary action.

- a) Consider and assess your personal risk - Is the situation controllable/uncontrollable?
- b) Are there any injuries to consider?
- c) How many people are present?
- d) What communications are available?
- e) Fire appliances may access the field through Clisby Lane gate and roadway. If the gate is locked the chain will have to be cut. Post and wire fences may be cut by emergency services.
- f) Our location is Gate S34.068, off Clisby Lane, Seaford Meadows.
- g) Use the following table to determine your course of action.

FIRE OCCURS OR FIRE WARNING IS CALLED



NMAS MOP 36 CHECK LIST AGAINST MASA MOP 05

COMMITTEE RESPONSIBILITY

- Club action plan to include:
 - Fire History of the flying field.
 - Hazards such as dry vegetation on the flying field and adjoining properties.
 - Overall risk of fire during the operation of model aircraft.
 - Strategies to reduce hazards and fire risks in particular the reduction of combustible dry vegetation.
 - Strategies to reduce the likelihood of fire during start up, taxiing, take off, landing or ground impact.
 - Strategies to manage and/or suppress fires that arise on the flying field.
 - Procedures to liaise with SACFS about fires that arise on the flying field and/or adjoining properties.
 - Evacuation plans in the case of an uncontrollable fire.
- Adopt a “NO FLY policy for ALL aircraft on total fire ban days.
- Continually assess ground conditions (e.g., long dry grass) on and near start-up and taxiing areas, runways and anywhere that aircraft might reasonably impact the ground (crash). This may include adjoining properties.
- Ensure the availability of firefighting equipment.
- Take action to prevent fire from entering, leaving or travelling through adjoining properties.
- Develop a fire action plan to manage fire hazards and risks in accordance with the Act and Regulations
- Ensure that suitable firefighting equipment is maintained in working order and is readily available during the operation of model aircraft.
- Consult with local council fire prevention officer and the SACFS about reduction of fire hazards and firefighting equipment.
- Ensure start up areas, runways and taxiing areas that are not constructed of non-flammable material (e.g., sand, bitumen) have a vegetation management strategy to minimize the load of readily flammable material (e.g., long dry grass).
- Ensure designated start up areas, taxiing areas and runways are cleared of readily flammable materials for a minimum distance of 4 metres from outermost boundaries of these areas.
- Ensure the availability of suitable fire extinguishers for the class of fire.