




# Airdrie Modellers Aircraft Society (AMAS)

## POLICY MANUAL


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	<i>Signature</i>				

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### Acronyms & Abbreviations

Abbreviation	Description
MAAC	Model Aviation Association of Canada
AMAS	Airdrie Modellers Aircraft Society
RPAS	Remotely Piloted Aircraft Systems
TC	Transport Canada
FPV	First Person View


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## List of Appendices

**Appendix A**    **MAAC Guidelines**

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## 1 Preamble

1. The following document provides the "AIRDRIE MODELLERS AIRCRAFT SOCIETY" (AMAS) rules and policies to be observed and abided by AMAS members while at the AMAS premises. These policies are supplemental to the AMAS Bylaws.
2. In general, members shall abide by all MAAC and Transport Canada (TC) Regulations for Remotely Piloted Aircraft Systems. Note that as an authorised model flying club, some exemptions are provided from TC Regulations.


## 2 Definitions

1. Remotely Piloted Aircraft Systems (RPAS): A remotely piloted aircraft, its associated remote pilot station(s), the required command and control links and any other components as specified in the type design.
2. Aircraft: Any machine that can derive support in the atmosphere from the reactions of the air other than the reactions of the air against the earth's surface. An RPAS can be a fixed wing airplane, a single rotor (helicopter), or a multi-rotor ("drone").
3. The AMAS airfield is located in Class C Airspace (within 7 NM of Calgary International Airport). All model aircraft (RPAS) must be flown below an altitude of 400 feet (122 m) above ground level and within line-of-sight of the pilot or spotter (for FPV).

## 3 Policies

### 3.1 General

1. All fliers and students using the Club's facilities shall be either current members in good standing, or guests of the same, and must abide by the rules set out by MAAC and the AMAS.
2. All members and guest fliers must be a holder of a current MAAC membership card and undertake a field orientation before using the AMAS field facilities.

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3. Any unqualified person shall not fly any aircraft without being accompanied by a qualified AMAS flight instructor.
  
4. MAAC requires that all members apply an owner's identification tag/label; or a copy of the member's electronic membership card; or a copy of the members MAAC card to their model aircraft containing the members contact identification listed below (see MAAC document MPPD 10):
  - *Members MAAC number **(required)**;*
  - *MAAC, website address **(required)**;*
  - *MAAC office phone number "**or**" members home/cell phone number **(required)**;*
  - *Members name **(optional)**.*

### 3.2 Club Facilities

1. All persons must clean up their area before leaving the flying field and must take all garbage with them.
  
2. Due to high risk of grass fires, smoking is allowed only in the parking lot and cigarettes must be extinguished in the receptacles provided.
  
3. No person shall fly while consuming or under the influence of alcohol or drugs.
  
4. When refueling aircraft, use a catch container, drain hose or absorbent material to prevent fuel from contaminating the soil and creating a fire hazard.
  
5. Jet turbines not allowed on AMAS airfield.
  
6. The last person leaving the airfield is responsible for closing and locking the gate.

### 3.3 Radio Frequency Control

1. A MAAC frequency control board will be provided by the Society which is always to be used by members using 72 MHz equipment.

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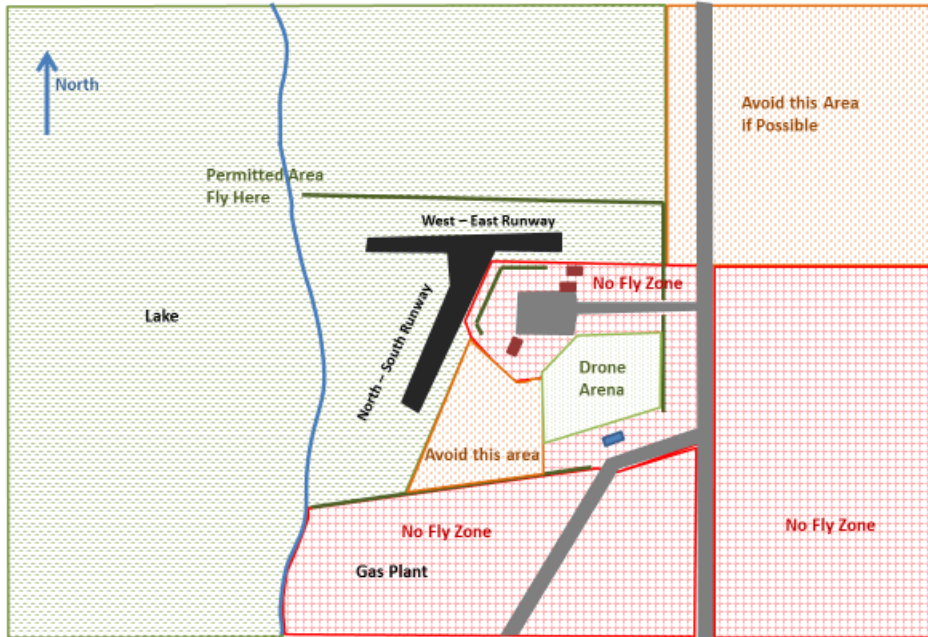
2. **[72 MHz users only]** If any authorized person flying on the Club's premises and using the frequency control board is shot down by another member, or their guest by turning on their transmitter, the offending person shall be responsible for the replacement of the flyer's aircraft, or the AMAS will take action on behalf of the complainant.
  
3. **[72 MHz users only]** Any person flying without their frequency pin on the frequency control board and is shot down will have no claim against the Club, its members, guests or associates.
  
4. **[72 MHz users only]** Never remove another members AMAS-MAAC card from the pin board without their permission. Remove your pin (AMAS-MAAC card) when you completed your flying for the day.
  
5. **[2.4 GHz users]** Members must clearly display their AMAS-MAAC card at their flying station. The use of clearly displayed AMAS name badges is highly recommended.

### 3.4 Flying Zones

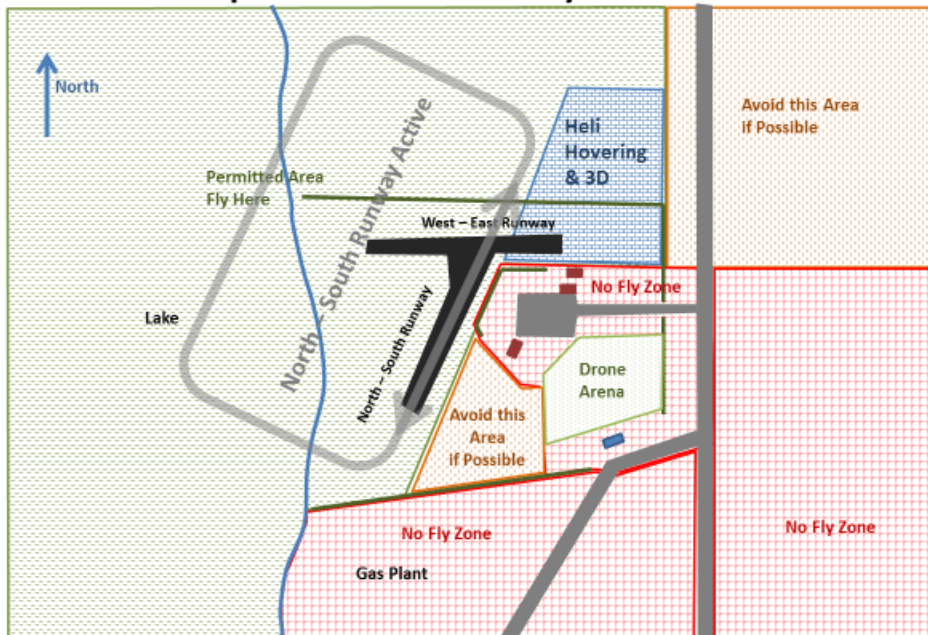
1. AMAS members and guests are required to limit their flying within the zones described below. Airplane pilots shall use only an active runway, determined based on the current wind conditions, for their take offs and landings




### Airfield Zones

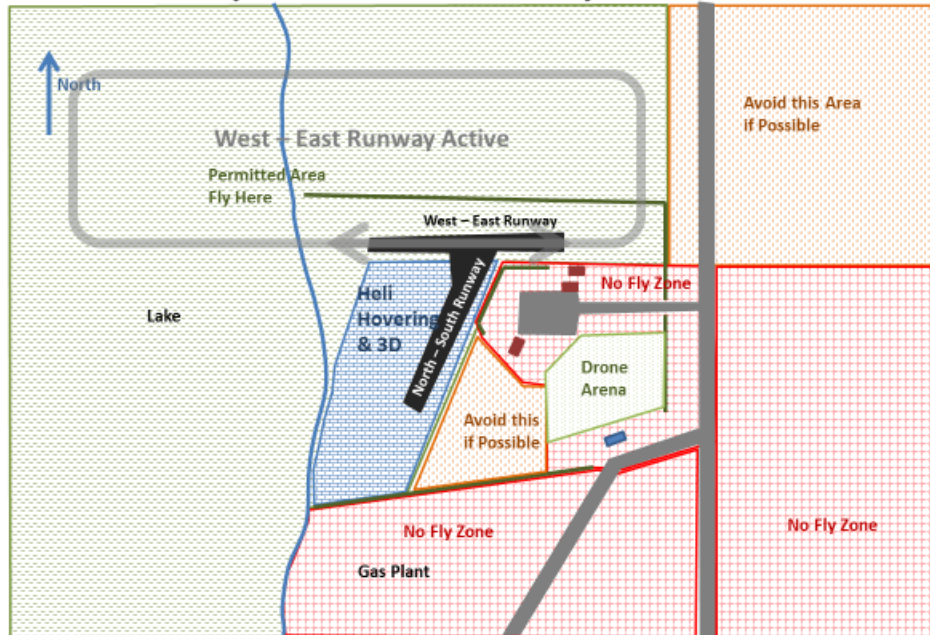


### Current Heli Operations - NS Runway Active



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### Current Heli Operations – WE Runway Active



### 3.5 Flying Operations

1. Only qualified pilots or trainees are permitted in the flying area (behind the fence).
2. A maximum of four (4) aircraft of any type is permitted to be flying simultaneously at any given time.
3. All aircraft flying at the AMAS field must always be operated within line of sight of the pilot, or in the case of FPV, the spotter.
4. All aircraft flying at the AMAS field are restricted to an altitude below 122 metres (400 feet) above ground level (AGL). The use of an altimeter and associated telemetry is highly recommended.
5. All AMAS members must comply with the "See and Avoid Rule" which states, "All members flying model aircraft shall yield right of way to all other types of aircraft including full scale human-carrying aircraft, UAVs (Unmanned Air Vehicles) and unmanned balloons. Upon sighting (or other means of detection of an approaching full-scale aircraft), all model aircraft in the air shall descend land or by other means avoid




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the path of the full-scale aircraft and any model awaiting take-off shall hold its position on the ground until the full-scale aircraft has cleared the area."

6. All pilots flying unmanned aircraft with First Person View (FPV) at the AMAS field **must** utilize the assistance of a spotter.
7. No flying is permitted while runway or landscape maintenance is being conducted in the take-off/landing area.
8. Standing on runways is not allowed except to take off or to retrieve your aircraft.
9. All pilots **must** call out their intention to take off, land or step on the runway, unless they fly alone.
10. Do not taxi your aircraft in the pit area except to prepare for flight.
11. When flying, pilots must be behind the pilot station fence. Do not turn your back to the flight area, especially if you are at a pilot station. Personnel who are not piloting an aircraft should refrain from disturbing, or distracting those who are.
12. Fixed-wing airplane pilots shall avoid the area dedicated to helicopter/multi-rotor operation if there is a helicopter/multi-rotor present in that area.
13. Helicopter and multi-rotor (drone) pilots shall perform all hovering and 3D maneuvers within the dedicated area(s) and avoid the area used by fixed-wing aircraft. Helicopter/multi-rotor pilots can choose to fly circuits in the same way as fixed-wing airplanes and use the area dedicated to general flying of the circuit. However, if there are airplanes present in this area, it is preferable to take off and land the helicopter/multi-rotor away from the active runway.

### 3.6 Guests

1. Each member will be allowed to bring a guest to fly at the AMAS field a maximum of two (2) times a year. The guest must be a qualified pilot and has a current MAAC

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membership. Consideration may be given to extended guest visits, depending upon circumstances, as approved by the AMAS Executive.

2. Members are responsible for their guests at all times.
3. During busy periods, members will have priority over guests.

### 3.7 Noise Management & Control


1. All engines must be equipped with a muffler which meets the decibel level requirements as set out in MAAC rules and regulations.

### 3.8 Training

1. Only those persons approved by the AMAS Training Committee shall instruct in the flying of model aircraft on the AMAS property.
2. While instructing a student, the AMAS or instructor will not be responsible for any damages incurred to the student's aircraft or equipment.
3. The instructor will follow the Wings Program as laid down by the AMAS and MAAC when instructing a student.
4. Guests learning to fly must be instructed by a qualified AMAS instructor, other than by a family member, and is subject to the same rules as any other student.
5. An AMAS instructor assigned for this purpose must evaluate a new member who has previously obtained their wings at another club.

### 3.9 Racing & Combat

1. Organized Pylon Racing and Combat Flying is allowed on AMAS premises provided that it complies with MAAC rules and guidelines.

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### 3.10 Rules and Policies Responsibilities, Procedures, Enforcement


1. If any member observes another member disobeying the rules of the AMAS, he may lay a complaint in writing within five days of the occurrence, and forward to the AMAS Executive.
2. After the complaint has been reviewed by the Rules Committee and passed their recommendation on to the Executive, the Executive will either resolve the matter, or take it to the next regular meeting for resolution by the membership.
3. Any person, or persons, charged with an offense, under, will have the right to attend the Executive meeting at which the matter is being debated, to defend themselves.
4. There will be no appeal of the Executive's decision or to the decision of the membership.

### 3.11 Pets

1. Animals brought to the field shall always be restrained while on AMAS premises. The bringing of any pets to the AMAS field is discouraged.

### 3.12 Incident Contact Procedure

- 1 Arrange for medical attention immediately if required. First aid kit, phone and fire extinguisher are located in the clubhouse.
- 2 Advise one of the AMAS executives listed on the notice posted in the clubhouse.

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## Appendix A - LIST OF MAAC Guidelines

MAAC Safety Code

MAAC Safety Document (MSD) 01 - Introduction

MAAC Safety Document (MSD) 02 - Retrieval Key

MAAC Safety Document (MSD) 03 - All Model Aircraft

MAAC Safety Document (MSD) 04 - Free Flight Model Aircraft

MAAC Safety Document (MSD) 05 - Control Line Model Aircraft

MAAC Safety Document (MSD) 06 - General Category R/C Model Aircraft

MAAC Safety Document (MSD) 07 - Need for and Duties of Spotters and Helpers

MAAC Safety Document (MSD) 08 - Use of First Person View Devices

MAAC Safety Document (MSD) 09 - Large Model Aircraft

MAAC Safety Document (MSD) 10 - Jet Turbine Powered Model Aircraft

MAAC Safety Document (MSD) 11 - R/C Night Flying


MAAC Safety Document (MSD) 12 - R/C 3D Aerobatics (airplanes)

MAAC Safety Document (MSD) 13 - All R/C Helicopter

MAAC Safety Document (MSD) 14 - R/C Indoor

MAAC Safety Document (MSD) 15 - R/C Climb and Glide Categories

MAAC Safety Document (MSD) 16 - Space Modeling

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MAAC Safety Document (MSD) 17 - Radio Spectrum

MAAC Safety Document (MSD) 18 - R/C Float Plane

MAAC Safety Document (MSD) 19 - Small Park Flyers / Park Flying

MAAC Safety Document (MSD) 20 - R/C Precision Aerobatics

MAAC Safety Document (MSD) 21 - R/C Pylon Racing

MAAC Safety Document (MSD) 22 - R/C Scale Aerobatics

MAAC Safety Document (MSD) 23 - All Multi-Rotor Model Aircraft

MAAC Safety Document (MSD) 24 – First Person View (FPV) Racing Rules

MAP 01 - Precautions When Flying Model Aircraft in Locations at or Near Full Scale Aerodromes

MAP 03 - Helpful Suggestion for the Operation of R/C General Category Model Aircraft

MAP 04 - Duties of a Spotter

MAP 05 - Duties of a Helper


MAP 06 - Tips for Operating Electric Powered Models

MAP 07 - Compatibility of R/C Systems of Different Manufacturers and Different Vintages

MAP 08 - Flying R/C Helicopters

MAP 09 - Flying First Person View (FPV)

MAP 10 - R/C General Category Basic Flight Training Course

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MAP 11 - Setting the Fail-Safe Feature on Modern R/C Equipment

MPPD 01 - MAAC Policy and Procedures Documents Explained

MPPD 02 - MAAC Sanctioning of an Event

MPPD 03 - MAAC Safety Policy Explained

MPPD 04 - MAAC Insurance Coverage Summarized

MPPD 05 - Responsibilities of a MAAC Club

MPPD 06 - Recommended R/C Flying Site Specifications

MPPD 07 - Supporting and Partnering with Park Fliers

MPPD 08 - Flying on a Commercial SFOC at a MAAC Club Registered Flying Site or MAAC Sanctioned Event

MPPD 09 – Risk Mitigations, Strategies and Considerations

MPPD 10 - MAAC Owner Contact Information on Model Aircraft

The most recent versions of these documents can be found here:

<https://www.maac.ca/en/documents.php>