

# Cambridge Rocket Club

December 14, 2017

Club Name: "Cambridge Rocket Club"

## Executive:

President:	To Be Determined	
Vice President:	Saverio Prato	MAAC # 82039 CRC # 195
Secretary:	To Be Determined	
Webmaster	Angelo Castellano	MAAC # 66768 CRC # 108
Club Rep #1	To Be Determined	
Club Rep #2	To Be Determined	

The executive is elected by vote from the club membership at the annual general meeting in January. To be nominated to the executive, the candidate must be a member in good standing, 18 or more years old. Nominations must be seconded by two or more club members. To be elected, the nominees will be voted upon by show of hands, or secret ballot. A member may hold a maximum of one executive position.

Executive positions may be held for a term of one year. In the event that no nominee is proposed for a given position, the current holder of the position may be nominated again, or resign and leave the position vacant until a candidate is available for election. If a member is leaving an executive position with the club at any time, an email or letter is required advising the executive of that intention.

## Membership:

Open to the public with MAAC membership.

## Fees:

For 2018 - \$25.00 per person for members 18 yrs old and older (senior members)  
\$10.00 per person for members under 18 yrs (junior members)

MAAC membership is not included in club fees and must be applied for separately.

- a) Membership fees for renewing members must be paid by March 1 of the current flying season. After applying to MAAC, within 5 weeks a new member must advise the executive of their MAAC number, or communicate that they have not yet received it, and advise the number when they do. Failure to advise the MAAC number will result in loss of flying privileges and membership renewal will not be allowed in the new year. When the MAAC number has been advised, renewal and flying privileges will be allowed.
- b) At the first launch attended by the member in the new year, each club member must present their MAAC card for the current year to have it logged by the executive.
- c) Members joining the club after October 1 of the year will automatically be considered paid club members for the following year, and will only need to pay their MAAC renewal for the following year. Members joining from 1 January to September 30 of the year will need to renew and pay for their club and MAAC memberships for the following year.

To fly regularly with the club, you must be a MAAC member and have a valid MAAC card for the current year. MAAC and CRC membership must be renewed every year by each individual member.

Age: There is no current age restriction for members.

Club Membership Cards: Will be issued upon membership registration.

Meeting Locations & Workshops

To be determined as frequered.

Launch Times & Dates:

Launches generally are scheduled on a monthly basis, the second Saturday of the month. Refer to CRC website for confirmations, start times, launch site location and updates ([cambridgerocketclub.org](http://cambridgerocketclub.org)).

Other launches permissible in small groups as may be required. CRC members may use Paisley Road or Mohawk Road sod farm facilities as they require, but must email or phone club executive at least 48 hours in advance.

Insurance:

Coverage for \$ 5,000,000 through MAAC or other club memberships. This is required to launch or fly in any of the sod farm locations.

Club Rules:

CAR and MAAC rules are to be used and strictly enforced along with specific club rules for each launch site.

Launch Equipment:

You may use your own launch equipment or another members' equipment with permission of owner. The CRC has launch equipment may be loaned out to club members in good standing with advance notice to the executive.

Rockets:

Only stable rockets are to be launched at club activities. All models must be equipped with a recovery device (i.e. parachute, streamer, gyrocopter, glider, etc.) Test or experimental rockets not to be launched during club activities due to unknown safety aspect of experimental models. Only safe launching equipment will be allowed.

Only model or small sport rockets are to be launched from CRC launch site locations. ALL rockets must have ID. Writing or labeling the owner's CRC member number somewhere on the airframe. Owner's e0mail address is also suggested to be included in addition to CRC member number, but is optional.

Rocket Launches:

All launch activities must be reported to the executive prior to the launch. Check with Launch Director or secretary at the launch.

### **Accidents:**

Any and all accidents must be recorded and reports filed with the executive. It is imperative that a safety record be kept in order.

### **Launch Setup:**

Launch sites must be roped-off with hi visibility tape and/or marker pylons and rope to restrict access into the launch area and keep guests and spectators a safe distance back from the launch site. There must be sufficient distance between the launch area and any high objects to allow for proper tracking of the rockets. For LS2, LS3 and LS5 during events where the launch site is open to the public as well as CRC members, the launch preparation area must be roped off from the launch control area.

### **Safety Equipment:**

A fire extinguisher and/or water supply must be kept at the launch site at all times.

### **Clean-up:**

All debris and garbage must be cleaned up before leaving the launch site. Members must do a "walk around" of the launch area and retrieve all wadding or waste materials as generated by the members at the end of the launch.

### **Launch Records:**

A launch record must be maintained for each person using the launch site. If launching at a club event, the event log must be filled out for every launch by the person launching, or the launch director. The club executive may keep such a record as required for Guests or prospective new members. Launch records will be made available upon request. These records must be made available to the executive & the site sponsors.

### **Guest Launches:**

A guest may do 1 launch date with the club members as long as they follow the club rules and direction of the launch director. Any further launches require that person become a member of the CRC and MAAC.

### **Behavior:**

Foul language, smoking in the launch site, alcohol or any non prescription drug use, or impairment, will not be tolerated and will result in ejection from club activity. Violators will be excluded from and/or removed from all future club activities.

## Launch Sites

### Launch Site LS1: (No Longer Being Used)

Dumfries Park, Dunbar Rd., Cambridge, Ont., Canada.

### Launch Site LS2: (Latitude 43° 30' 38.52"N, Longitude 80° 18' 34.84"W)

Sod Farm- Corner Wellington County Sideroad 32 & Rd. 31, #7078 Paisley Rd. Guelph, Ont.

There is only one safe launch area available in this area. A map is available upon request. This site is to be used with the discretion of the launch director with respect to safety, workers in the field, frequency of use, wind direction and weather conditions. This launch site should be considered a "limited access" site due to the nature of the launch site. Launch ceiling for this park is MAAC approved for 4000 feet or 1220 meters.

Engine Sizes for LS2: 1/4A to G and as rocket size as required. To use F and G engines rocketeers must have a CRC mid power card indicating the written test has been passed. Only those 18 and older may purchase and use F and G engines.

Sod Farm- Corner Wellington County Sideroad 32 & Rd. 31, #7078 Paisley Rd. Guelph, Ont.,

There is only one safe launch area available in this area. A map is available upon request. This site is to be used with the discretion of the launch director with respect to safety, workers in the field, frequency of use, wind direction and weather conditions. This launchsite should be considered a "limited access" site due to the nature of the launchsite. Launch ceiling for this park is MAAC approved for 4000 ft or 1220 meters. Biodegradable wadding ONLY to be used. Party streamer is not biodegradable and may not be used.

### Launch Site LS3: (Currently Inactive)

Sod Farm- Middleblock Rd. between Riverbank DR. and Fountain ST., Cambridge.

There is only one safe launch area available in this area. A map is available upon request. This site is to be used with the discretion of the launch director with respect to safety, workers in the field, frequency of use, wind direction and weather conditions. This launch site should be considered a "limited access" site due to the nature of the launch site. Launch ceiling for this park is MAAC approved for 1800 feet or 650 meters.

### Launch Site LS4:

Farmland at RR2 Ayton.

There is only one safe launch area available in this area. A map is available upon request. This site is to be used with the discretion of the launch director with respect to safety, workers in the field, frequency of use, wind direction and weather conditions. This launchsite should be considered a "limited access" site due to the nature of the launchsite and is only available between Sept and March each year. Launch ceiling for this field is MAAC approved for 5,000 feet or 1,525 meters. Higher altitudes may be used with the proper permits.

Engine Sizes for LS4:- up to G and and possible larger with permission as rocket size dictates, Smaller engines may be used if rocket is multistage or clustered with permission of CRC executive. To use F and G or larger engines, rocketeers must have a CRC mid

power card indicating the written test has been passed. Only those 18 and older may purchase and use F and G engines.

**Launch Site LS5:** (Latitude 43<sup>0</sup> 26' 25.92"N, Longitude 80<sup>0</sup> 20' 25.16"W)

Sod Farm- Mohawk Rd. between Speedsville Rd and Beaverdale RD., Cambridge.

There is only one safe launch area currently available in this area. A map is available upon request. This site is to be used with the discretion of the launch director with respect to safety, workers in the field, frequency of use, wind direction and weather conditions. This launchsite should be considered a "limited access" site due to the nature of the launchsite. Launch ceiling for this park is MAAC approved for 1800 feet or 650 meters.

**Engine Sizes** for LS5: A to E and as rocket size dictates, Smaller engines may be used if rocket is multistage or clustered with permission of CRC executive. To use F and G engines rocketeers must have a CRC mid power card indicating the written test has been passed. Only those 18 and older may purchase and use F and G engines.

**Launch Site LS7 (No Longer Being Used):**

Sod Farm- 1189 Weeby PL. RR1 Waterloo, Ont.