



A quarter scale model of the Patriot Missile lifting off from our field in St. Albans, Vermont. This rocket is powered by an Animal Motor Works I220 Skidmark motor.

### **SAFETY**

All model and high power rocket operations are conducted in accordance with the NAR Safety codes and all applicable state and federal rules and regulations. You should read and understand these codes before flying.

<http://www.nar.org>



## About Us

The Champlain Region Model Rocket Club is a Section of the National Association of Rocketry (NAR). We were chartered in 2002 by a group of individuals interested in furthering their own expertise and in sharing a love of modeling, amateur science, rocketry and camaraderie (and, if truth be known, love of the flame, smoke, and roar of rocket motors!)

We are a small club, but have fliers of all certification levels and many different interests. Model rockets, odd rocs, hybrids, bowling balls, works of art - they are all welcome. If you are interested in certification as a High Power flier we can help you reach that goal. If you work with a youth group and need help putting together a model rocket launch we are more than happy to help find a field and support equipment.

We welcome rocketeers of all ages, from the kids on up to the kids at heart. We launch the third weekend of each month from a field located in St. Albans.

## Equipment

The CRMRC maintains a variety of launch equipment. We can support model and midpower rockets from our five position low-power rack, and can always support high power launches using standard rails. If you require extreme or unistrut rails, please notify us in advance so we can have the equipment available.

Monotube hybrid motors are also supported at most launches.

## Fields

We currently fly out of a field located on a 400 acre farm in St Albans. This location offers over one square mile of recovery area and an opportunity to fly as high as 10,000 feet above ground.

## Launch Schedule

The CRMRC launches the third weekend of each month at our field in St. Albans. Launches are weather dependent. The most current launch status can be found at [www.crmrc.org](http://www.crmrc.org)

## The Rockets

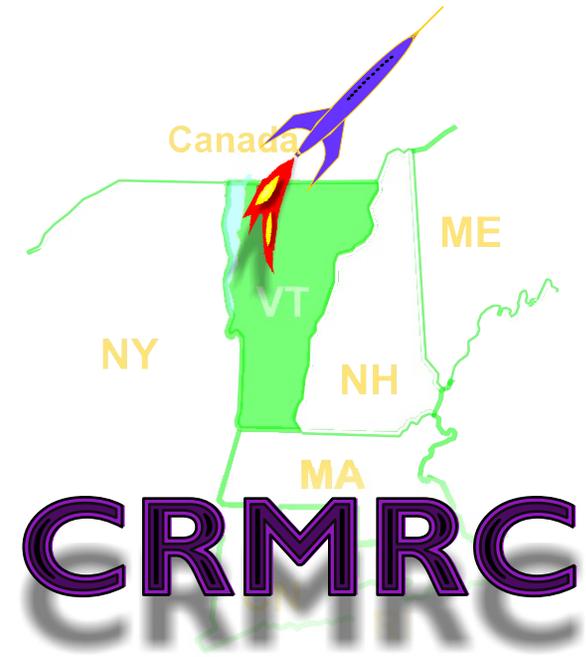
The rockets pictured in this flyer range from model rockets to rockets twelve feet long and weighing sixty pounds or more. They are made of lightweight materials such as paper, plywood, fiberglass, Kevlar, carbon fiber, or other more esoteric materials as needed. Club members are an excellent resource to help develop your rocket design and building skills.

The motors are either a black-powder based fuel (model rockets) or a rubber based solid propellant similar to that used in the Space Shuttle. Some motors (hybrids) use a combination of solid and liquid fuels.

### Why join a club?

-  A club maintains launch equipment
-  A club has established relations with landowners and located safe flying fields
-  A club offers camaraderie and a chance to meet new people
-  A club offers assistance with regulatory compliance
-  A club offers help developing new techniques and skills
-  Certification as a High Power flier is only possible through a sanctioned club.

# Champlain Region Model Rocket Club



Section #643 of the  
National Association  
of Rocketry

<http://www.crmrc.org>