



# What's Up!

The Official Newsletter of the  
Syracuse Rocket Club



Volume 6, Number 3

July 2007

Syracuse, New York

## Summer Has Arrived!

### SRC Officers

President: David Harbaugh  
Vice President: George Reavis III  
Treasurer: Dennis Friend  
Tripoli Prefect: Rich Pitzeruse  
NAR Section Advisor: Ron Lioto  
Secretary: Elaine Reavis

What are these club members up to? Find out in this edition.

### New Members

The Syracuse Rocket Club proudly welcomes the following “new” members:

**Jack Gelfand**  
**Cheryl Shusdock**  
**John Shusdock**  
**Samantha Shusdock**



### Have you attended a Syracuse Rocket Club meeting lately?

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We'd love to see you at our meetings. The SRC meetings are held the 1st Wednesday of the month at 7 PM (July Meeting to be held on the 11th due to Independence Day). Club meetings are an excellent opportunity to exchange ideas and information, plus we meet at Walt's Hobby Shop. **Remember, SRC members get 10% off their purchases at Walts.**

## New Launch Site Sign



When you arrive for a launch, you will now be greeted by the sign pictured above. This sign tells visitors that they have arrived at our launch site and also acts as a billboard to catch the eye of passerby's. The new sign gives our website address and the date of our next scheduled launch. The next launch date will be updated at the end of each launch.

The sign came to us in kit form, with the exception of the "Next Launch" portion which was assembled from scratch. During the June Club Meeting, the assembled club members provided their expertise in applying the vinyl appliqué. Thanks to all.

## New Portable Club Banner



Our club has also purchased the above banner. We plan to display this banner at events away from our launch site and also at our launches. Our first opportunity to use this banner came during the Rocket Team Challenge in May.

## What are you building?

By George ReaVIS

### **Estes Porta-Pot Shot — Skill Level 1**

While browsing the rocket inventory at Walt's Hobby Shop, Elaine spied the Estes Porta-Pot Shot rocket. We are always looking for rockets that are a bit on the different side. With that said, the rocket came home with us. That is about as far as the "us" portion goes. Elaine may buy a rocket, but I end up building them.

Unique rockets generally have unique building instructions. I believe that this was my first exposure to "foam" and adhesive foil used to protect the foam from the rockets thrust and ejection charge.



Above you will see a picture of the bottom of the rocket and the adhesive foil. The adhesive is very sticky, so you have to be sure of it's placement the first time through.



#### **Specs:**

**Length:** 8.0"

**Dia:** 3.25"

**Wt:** 4.2 oz

**Recovery:** 12" Parachute

**Max Altitude:** 309'

#### **Recommended Engines:**

B4-2 (first Flight), B6-2, C6-3 .

**Feedback on this kit:** The kit went together rather quickly. I believe Estes mentioned the assembly time to be about 1 hour. Actual assembly time is just over an hour, but most of your time is spent waiting for the glues to dry. The body is assembled from 2 halves. This allowed me to check the placement and fit of the pieces before gluing.

The launch lug fits the design of the rocket perfectly. It looks like the regular venting pipe found on a real porta toilet.

Look for this rocket at the July launch.

Got a rocket that you'd like to tell us about? We'd like to have you share it with us. Please forward pictures and a description of how the building process went. Please forward your electronic submissions to:

**greavisi@rochester.rr.com**

**Subject Line: SRC Newsletter**

**"What are you building?"**

## CNY Rocket Team Challenge 2007

By Elaine ReaVIS

June 2nd was a beautiful day for the 2007 CNY Rocket Team Challenge. The event was held at Syracuse University's Skytop. This year's event had more volunteers to help inspect and guide the participants. The students were great. Their rockets were phenomenal. There were over 800 people, 80 rockets, and lots of ooh's and ahhh's. There were a couple things that needed tweaking; the lines were too long to get inspected and there wasn't enough trash cans for that many people.

Next year will be bigger and we will be much more aware of where the bottleneck(s) would be. We have already solicited feedback from the SRC volunteers, so that we can plan what changes will be needed for the 2008 event. We heard so many wonderful comments about the event and how everyone plans on coming back next year! Lines or no lines!

There were a couple of rockets that exploded on the launch pad. A few that "wiggled" up to apogee. There were awesome paint jobs and proud moments.

Next year will be bigger! We can't wait! Plan to attend. Here are a few pictures....



Contestants in the registration lines.



Needed repairs being made.



Video of each flight being captured.



Just about ready to launch.

**CNY Rocket Team Challenge 2007**  
(Continued)



David making a final adjustment.



Rich and a volunteer.

**We look forward to 2008!**

**NIKE SMOKE TEAM ROCKET**  
By Elaine ReaVIS

The Nike Smoke has almost left the building! All that needs to be done is the painting and to install the electronics. The students have been working hard. They will be working the first few weeks of July to “git r done.”

The sanding and painting is hard work and it is slowing things down at the moment. Sanding, sanding, and more sanding. Then paint and wait. There is something to be said about waiting for paint to dry.

The Nike Smoke will be ready for the NY-POWER on July 28th, at Geneseo.

A big thank you to Dennis Friend for his outline of “how to paint a rocket. It is being used by the painting team. James Shattell has taken the reigns and is busy teaching the students how to paint a NIKE SMOKE. He is very astute on the paint job, so when you see this rocket you will be very proud that the Syracuse Rocket Club has our name on it.

The painting design has been chosen and it is awesome. You won't want to miss it. It will be the one that stands 12ft high and 11.5 inches in diameter surrounded by about a dozen and a half students and SRC members.



**NIKE SMOKE TEAM ROCKET**  
(Continued)



Forrest, Jose and Julia working on the shock cord hardware.



Jamie, Jose, Rich and Forrest, test fitting the main body.



Jose, Jamie and Forrest gluing and gluing and gluing.



Gluing, gluing and more gluing.

A big thanks to the students and mentors alike!!

T-Shirts For Sale

We have several XL's remaining.

**Adult size XL - \$8.00 each**

(50/50 cotton/polyester blend)

Contact David Harbaugh

Rocket Items For Sale

**LOC Forte' Rocket** - Finished & Flight ready. Price: \$40 - Contact Dennis Friend at: 315-637-3549

**The Launch Pad Hellfire Rocket** - finished but not flight worthy. Price: \$30 - Contact Dennis Friend at: 315-637-3549

Rocket Items Wanted

James Shattell is looking for unwanted Launch Controllers. James refurbishes them and gives them away. If you have any unwanted controllers, please bring them to our club meetings or launches.

Beginning with this edition of What's Up, we have added a For Sale section.

**This section will be updated quarterly, which means, every quarter you will have to "resubmit" any unsold items from the previous issue.** This section will be available to club members. To sell an item, please forward the following: Item(s) for sale, description, new or used, cost, picture(s) if available, contact name and telephone number.

Please list items separately, unless they are a bundle sale.

**Please send your For Sale or Wanted Ads to:**

**greavisi@rochester.rr.com**

**Subject Line: SRC Rocket Items For Sale or Wanted**

Just a reminder

Keep your NAR and Tripoli memberships current. Each chapter requires a minimum number of active memberships. Don't forget to include your NAR/Tripoli membership numbers when you renew your yearly SRC memberships. This allows Dennis to monitor our National Memberships.

I encourage all of you to help fill these pages with pictures, helpful hints or general information that would benefit the club.

**Send electronic submissions to:**

**greavisi@rochester.rr.com**

**Subject Line: SRC Newsletter**

2007 SRC Launches

**All launches are from 10 am to 3 pm at Weigand's Hayfarm.**

**Dates are subject to change due to the weather and field cuttings.**

**Please check the SRC website <http://www.syracuserocketclub.org> the morning of the launch to confirm that the launch will be held.**

**We look forward to seeing you there!**