

The SARA Streamer

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Southern Arizona Rocketry Association

SARA Streamer

Southern Arizona Rocketry Association

- *National Association of Rocketry Section 545*
- *Tripoli Rocketry Association Prefecture 93*

DESERT HEAT 2007 PREVIEW

BY ROY POLMANTEER

Get ready for Desert Heat 2007, Fun in the Sun. Yes it's that time of year again. Time to dust off your special projects and seldom seen night flight rockets.

Desert Heat 2007 is just around the corner. Scheduled for January 20-21, 2007 with both day and night launch windows. Several things that have proven to be successes in the past will be brought back for this years event and several new things tried, as we continue to evolve in to one of the west's premier "winter" time events.

Steve Lubliner will be this years Event Director, and has assembled a great staff to assist him.

This year SARA will be

offering both NAR and TRA Level 1 & 2 certifications. Larry Foster will be coordinating the NAR Cert attempts, while Eric Burch will take care of the TRA attempts. Since we have a small field we will not be offering Level 3 attempts this year, but this is something that we are looking in to for the future.

We already have several special projects scheduled to be on static display, and several that will be flying. We always have room for more. Please contact Roy Polmanteer if you have a special project for the event.

Just a taste of the special projects lined up for this year are Larry Foster's Black Cat on a M1297 and

a Larry Foster Night flight with Chem. Light's being deployed at apogee.

Eric Burch will be hosting two mass launches, each with 50 Simatar's! There will be prizes for the kids that recover them.

Launch Hours will be Saturday from 9:00 a.m. - 5:00 p.m. and a night launch from 6:00 p.m. - 9:00 p.m. Sunday from 9:00 a.m. - 1:00 p.m.

Launch fees are \$10.00 per day per person, but there will be special rates for families, scouts and 4H groups.

Check the website at www.sararocketry.org for more details.



Jay & Jacob Dennis will be flying their Up Scale Drake as a Special Project

INTRODUCING THE S.A.R.A. STREAMER ! BY ROY POLMANTEER

Welcome to the new SARA Newsletter!

This is a new format for the newsletter, and I hope you like what you are seeing. If you have suggestions or ideas please feel free to e-mail me with them.

I will be trying to capture important news and information regarding our

hobby, our club, and our members.

One of the things that I would like to do is a little feature on each of our members so we can get to know each other a little bit better.

I am sure that there are interesting bits of trivia that

each of us have that we have not shared with the other members of the club. For this reason I ask that when, not if, but when you receive a questionnaire in the mail, that you complete it and send it back to me. Don't worry I will not be asking for the deep and dark secrets that we hide.

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MEET OUR MEMBERS

BY ROY POLMANTEER

Since this is a new feature of the Streamer, I will start out with introducing someone that I am familiar with:

Roy Polmanteer has been a member of SARA since 2004 when he returned to rocketry. Roy's is a similar story amongst B.A.R.'s leaving rocketry when he found girls and cars.

Roy is a full time Patrol Sergeant with Pinal County Sheriff's Office and also a member of the Arizona City Fire District, serving as an Engineer and EMT. He also serves as a certified Fire Investigator for both the Sheriff's Office and

Fire District. With the pressures of his job, his loving Wife Dawnna suggested that he start building and flying rockets again.

He dabbled with LPR rockets with his children. After a web search he found SARA and attended a launch.

"being involved with The Arizona Rocketry Team has taught me a ton about design and construction"

At this time he saw his first HPR flight. A nice one by Tony Gonzales (Roy even remembers that it was not one of his saucer's). After that it was all over. Roy was hooked and began the quest towards Level 1.

He gained level 1 and his nickname at Plaster Blaster

3 in 2004. It took him 4 attempts, but persistence paid off. "No-Chute" Roy was born. He said that taking that many tries did not bug him due to the fact that there were 3 L3's (including an L3CC), and several L2's standing there trying to figure out why the parachute would not deploy.

Well all that aside Roy kept flying rockets and becoming a common sight around the launch field.

We started missing Roy at the launch field when he started working with the Arizona Rocketry Team, a group of rocketeers from all over Arizona. The first project that he was involved in was the Saturn V project which flew at ARG 3 in Phoenix. This year they built and flew the Up Scale Fat Boy.

According to Roy, "being involved with The Arizona Rocketry Team has taught



Prepping Rescue 343 Roy's Level 2 Flight at Plaster Blaster 5

me a ton about design and construction, and has lead me to Level 2." Roy Completed the NAR written test at Desert Heat 2 and flew a successful L2 flight at Plaster Blaster 5 this past October with a scratch built rocket.

Roy has been instrumental in Desert Heat 2 & 3 and now has taken on the task of Newsletter Editor and Statistician.



The Arizona Rocketry Team with Fat Albert

LAUNCH FIELD AND CLUB EQUIPMENT UNDER GO OVERHAUL

As many of you know, we are in the process of cleaning up our launch site and our club equipment. Over the next several months you will see vast changes taking place.

According to Jay Dickhous "The time has come and we have the money to do things right". The club has had a prosperous couple of years and are continuing on that path. Especially with the success of Desert Heat.

In time, a permanent away pad

will be cleared and the launch control cables to all of the pads will be buried in place so range set up and tear down will be both faster and easier.

Some of the other items that you will see are five new mid / high power pads. Larry Foster stated that he will be building and donating these pads to the club.

The board is also considering purchasing a new trailer, one that is a little more road worthy. Our current trailer works

good for the trip from the TIMPA Barn to the field, but not for trips to SSS or to various out reach locations. The old trailer is not going to be scrapped, it will be modified to make range set up and tear down easier. Roy Polmanteer has volunteered to take on this task and stated that he might even figure out a way to cover it so the LCO and RSO will get some shade !



One of the old Mid Power Pads that will soon be upgraded and replaced

MAKE YOUR
PLANS NOW
DESERT HEAT
2007

January 20 - 21

Range fee's \$10.00
per day with special
rate for Boy Scouts
and 4H Clubs

Special Projects, Mass
Launches, Night
Flights, Rent-A-Roc

GO TO
WWW.SARAROCKETRY.ORG

UPCOMING LAUNCHES

Open Launch

Desert Heat 2007
January 20 & 21, 2007
Saturday 9:00 - 5:00
Saturday Night Launch
6:00 - 9:00
Sunday 9:00 - 1300

February 17, 2007
0900 - 1300

March 18, 2007
0900—1300

Club Member Only

January 27, 2007
0900 - 1300

February 24, 2006
0900 - 1300

March 25, 2007
0900 - 1300

As you can see we are adding a "Members Only" launch. This is an added benefit of membership.

Since several members do not get to fly anything during the normal launch dates because they are busy with Range Operations we are adding the Members Only launch. You must be a current member of SARA to attend these launches.

All Range and Safety Rules will be enforced, but the range operations will be slightly different.

ELECTED AND APPOINTED CLUB OFFICERS

As many of you know we have several elected and / or appointed club officers. But how many of you can name them, or even better, know what they look like !

Lets take a minute and at least give you a name to go with the title. A List of **YOUR** club officers is on page 4. Please take the time to get to know your club officers, both elected and appointed ones.

If you are having a problem regarding the club or just want to make a suggestion that you feel would benefit the club and it's members please contact a board member.

We all need to remember the fact that this is **OUR** club and work together to keep things going in the right direction.

That direction is forward.

With the BATFE law suit still going, we need to be able to put a positive foot forward and show our unity!!!

When you are at a launch and see someone you don't know - Walk up and introduce your self! Let them know how great and friendly our club and hobby as a whole really is.

*Hi, I'm Roy a
SARA member.
Welcome to our
monthly launch
Please let me
know if this is
anything I can
do to help you
out or answer
any questions
for you.*

FOURTH QUARTER

Motor	Total	Successful
1/2 A	2	2
A	44	38
B	39	32
C	44	37
D	23	17
E	4	2
F	7	7
G	2	2
L-1	11	10
L-2	0	0
Cluster	5	4
Staged	3	2
Total	186	155

% of good Flights 83.33%

LAUNCH REPORT

Since this is the first issue of the new SARA Streamer you are going to notice that the Launch Report is different.

Since there has not been a launch report for awhile, I am going to report the launch stats for the fourth quarter of the year (October, November, & December)

Starting with January's edition, I will be posting the launch report for the month. I will also publish a quarterly report

with more detailed information.

Due to the fact that the vast majority of the flights that take place at our regular monthly launches are low and mid power flights, I will be listing the high power flights by certification level.

If a member certifies at a monthly launch I will try to get all of the information for a story on the cert flight and include specific motor infor-

mation in the article.

If you wish specific and detailed launch report information you can e-mail me requesting it and I will send it out to you.

I will be tracking all flight using Microsoft Excel so if you are requesting them via e-mail please be aware of this.

Until next month—

"No-Chute" Roy

SARA STREAMER
Roy D. Polmanteer, Editor P.O. Box 128 Arizona City, AZ 85223 roy@arizonarocketryteam.net

INSERT YOUR PHOTO HERE

Please e-mail or snail mail your photos with a caption to us so they can be published. The mailing address and e-mail address are listed above.

SARA is National Association of Rocketry (NAR) Section #545, formed in 1994 for those in Southern Arizona (e.g. Tucson and the rest of the state south of the Gila River). In October 2005 SARA also became Tripoli Rocketry Association Prefecture #93.

Our goal is to promote model and high power rocketry, educate ourselves and the public, and to have fun.

We have members with a wide range of interests and skill levels. Some are beginners building their first model rockets and several are participating in high power rocketry (HPR).



ROCKET PHOTOGRAPHS AND ARTICLES NEEDED

Do you have an interesting, cool or unusual rocketry related photograph that you would like to share with the rest of the club???

Have an interesting build tip or design method that you would like to share???

Well here is your chance. Each month The SARA Streamer will be featuring an article and / or photograph submitted by the readers. This is your chance to help out your fellow members with lessons you have learned, tricks that you have borrowed from others or just a cute rocketry related story.

Since this YOUR club, let your fellow members in on what you have been doing and how you are doing it.

Even the most experienced members can learn from the newest so just because you haven't been in rocketry that long or are just getting back into it does not mean that you do not have something to contribute.

Just e-mail the picture to me with a brief caption and see if it gets published!

CLUB OFFICERS ELECTED

- President
Jay Dickhous
- Vice President
Eric Burch
- Secretary / Treasurer
Doug Forester
- Member At Large
Ken Weaver

APPOINTED

- Range Operations
Tony Gonzales
- NAR Section Advisor
Steve Lubliner
- TRA Prefect
Eric Burch
- Communications / Public Relations
Ben Nead
- Safety & Out Reach
Steve Lubliner
- Newsletter & Statistician
Roy Polmanteer
- Web Master
Mark Koenig