

The SoAR Spot

VOLUME 1, ISSUE 2

OCTOBER/NOVEMBER 1997

As of this issue of the newsletter we have 28 SoAR members.

Interested in joining? See the membership application in this newsletter.

← →
One rocket - Four Events...

Come compete in SoAR's First Annual Quadrathon!!

See pages 6 and 8 for details.

A Word from the President

It has been about six months now since SoAR had its first launch. A lot has changed in that short time. We've improved our launch system, started a newsletter, and have formed alliances with hobby shops, distributors, and manufacturers. We have also gained our official NAR section status - Section #571.

What I need from our members is your input, your ideas, and the willingness to help make those ideas become a reality. I have plenty of ideas, but it is not my club. It's your club. It's your newsletter. Submissions to the

"We have also gained our official NAR section status - Section #571."

newsletter would be greatly appreciated. Even if it is just a short note or an email expressing your feelings about the last launch. There are many things you can do to help out the club. Just ask. I'm sure I can think something up. Also, while I have your attention, I would like to thank those of you that help setup and take down the range. It's a big help and very much appreciated.



CHECK OUT THE CROWD WAITING FOR THE RSO/LCO AT THE AUGUST LAUNCH IN CARTERSVILLE.

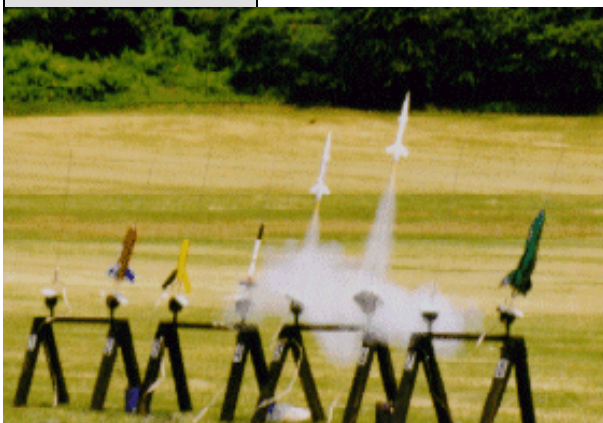
SoAR's Third Club Launch - July 20th

Reported by: Greg Burke, NAR #65584

The third launch of Southern Area Rocketry had arrived. Hurricane Danny loomed to the SouthWest in Alabama. Weather forecasters said we were going to get real wet. Boy were they ever wrong! The weather was extremely hot which may explain the lower turnout.

We had 15 flyers and several spectators. We had 108 flights with "C" motors once again being the favorite.

(Continued on page 2)



JIM SKEEN AND PHIL NELSON DRAG RACE THEIR ESTES BULL PUPS AT THE JULY LAUNCH.

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SoAR's Third Club Launch - July 20th

(Continued from page 1)

For our most flights award, we had a tie. Sean Nelson and Jacob Bock, SoAR's newest member, each had 16 flights. Sean took home a Quest HL-20 and Jacob took home an Estes SR-71.

Drag races seemed to be a big hit at this launch. Michael Madaris with an Estes USA-1 on an A8-3 vs. Tom Winterbottom with his Quest Thunder on a C-6. The USA-1 would get going fast but the Thunder would power on by. Dave Nakamoto vs. Jim Skeen both with Estes Firebirds on B-4's. This race was too close to call, although Jim's model hung in the air for along time. It landed about 5 feet from the pad.

I was involved in three races myself. The first was a rematch between my Ranger and Doyle Tatum's Landviper. We raced at the Tara launch in June both loaded with three C-6's. The Ranger got off first - hence the rematch. I loaded the Ranger with three A-8's. Doyle loaded three B-4's in the Landviper. The race



should have been real close. Unfortunately for Doyle, only two motors lit and the Landviper got a less than desirable boost. The Ranger stands undefeated.

Next I pitted my Initiator against Jay Jimerson's Initiator both on F-20's. Both models left the pad at the same time and had perfect flights. I would have to declare Jay the winner since he didn't have to walk as far to recover his.

I then challenged Phil Nelson to a race. My Phoenix with an E-30 vs. his Phoenix with E-15. The outcome was obvious. (Yes, I cheated!)

There were many great flights this launch; Dave Long with his scratch built "Demon Transport" on an E-15; Richard Bock with an Estes Fat Boy on a D-12; Jacob Bock with a LOC Lil'Nuke on an E-15; Brad Van Duser with Aerotech



Cheetah on an F14 Blackjacket (on a 1700+ foot flight); Robbie Lawton with an Estes Skywinder on a C-6; Ben Davis with an Estes Silver Comet on a D-12; Barry Flansburg with an Estes Nova Payloader on a C-6; Phil Nelson with an Estes Venus Probe on a C-6 (it was a beautifully finished model); Sean Nelson with an Estes Sidewinder on a C-6.

I wish to thank all of those who came early to help setup and those who stayed to help with the tear down. Your help is very much appreciated. Thanks also goes to Jim Skeen and Doyle Tatum for doing RSO duty.



TOP RIGHT - (LEFT TO RIGHT) RICHARD BOCK'S ESTES HELICOPTER, SKYWALKER, AND CUSTOM FAT BOY ON A D12; JACOB BOCK'S SERVAL (NOTE THE TUBULAR FIN DESIGN); PHIL NELSON'S VENUS PROBE ON ITS LAST VOYAGE; AND (RIGHT) MELODY VAN DUSER FLEW AN ESTES CORKSCREW ON A C6.

MIDDLE LEFT - BRAD VAN DUSER SHOWING HIS AEROTECH CHEETAH PRIOR TO ITS MAIDEN VOYAGE; INSET - CHEETAH FLYING ON A DONATED F14 (THANKS GREG!) ENDING UP OVER AN ESTIMATED 1500+ FEET AND RETURNED SAFELY.

RIGHT - GREG BURKE'S CUSTOM LOC NAMED "COSMIC SLED" LOADED WITH A G64 AND READY TO GO.

The August Launch Report

Reported by: Greg Burke, NAR #65584

Directions to the Cartersville Field
Take I-75 to exit 124, go West, follow Hwy 61/113 about 5 miles to Euharlee Road, turn right. Go about 5 miles to Cliff Nelson Rd, turn left, go about 100 yards to Hardin Bridge Rd, turn left. Go to the end of the road and the sod farm is on the right. Follow the signs.

Directions to the Ft. Vally (TARA) Field
Take I-75 to exit 44, go East. The field is 100 ft. on the right (Super Sod). Turn right on to the dirt road which will turn left at the office building. Continue down the dirt road to the middle of the field. Launches normally take place on the North side of the road.

Southern Area Rocketry's fourth launch was held in August. If you thought it was hot in July, then you thought you were going to suffer brain damage at this launch. Weather forecasters called for 95 degrees and high humidity. For once they were right - unbearable heat. I would have to say that the heat and variable winds kept the number of flights down.

We had about 20 flyers making about 95 flights using about 107 motors. I cannot get exact numbers since some people took their flight cards home. Please return your flight cards before you leave the field so we can keep more accurate records.

Our "Most Flights" award went to Richard Bock with 10 flights. He was awarded an Estes Condor ARV.

At our last launch, drag races dominated the day. At this month's launch clusters were the big hit. Brad Van Duser flew his ASP Kappa-9-M on 3x C-6's and an Estes Impulse on 2x D12's; Doyle Tatum flew his Custom Landviper on 3x C's; David Fountain Jr. flew his LOC Starburst on 2x D12's; Mike Schneider flew a cool scratch built model on 3x C6's several times; and I got a chance to fly my Mega-Ranger on 3x D12's. All of the cluster flights were successful and were real crowd pleasers.

Several older kits were also flown. Roy Green flew an Estes V-2 on a D12; Jim Skeen flew an Estes Mini Patriot on an A8-3; Mike Schneider flew his Estes Der Red Max on a C6 (hey Mike, how about an upscale??); and Tim Faught flew an Estes Atlantis on a B6.

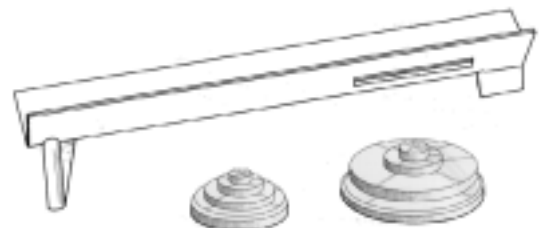
Other cool flights included the McCrory Family with an Estes Shadow on an E15; Jacob Bock and his dad Richard both flew Aerotech Mustangs on E-30's; Sean Nelson with a Custom Sun Racer on a 1/2A3; Sean's dad Phil flew an Aerotech Initiator on an F-20 Catojet (Ooops, did I say that?), and Phil's wife, Kaye, flew an Estes Corkscrew on a B6.

More flights included Barry Flansburg with an Estes Mean Machine on a D12; The Yates Family with a Mean Machine on a D12; "Dangerous Dave" Nakamoto with a Custom US Air on a D12; Ben Davis with an Estes Longshot staging a D12 to a C6; Chris Pfenninger with an Estes Bailout with a Barbie on a B6 and Joey Pfenninger with an Estes R2-D2 on a C6.

All in all the launch went great, but, it was hot. We need to decide if we wish to continue to launch in July and August. See ya' at the next launch.

A Quick Product Review ~ The Estes Rocket Builder's Marking Guide

This tool is actually two tools in one. It is a set of round bases that perfectly measure fin placement for 3 or 4 fin designs - if you are measuring an Estes BT-5, BT-20, BT-50, BT-55, BT-60, or BT-80 tube. It also comes with a sliding "V" ruler that marks body tubes to length or along a fin line started with one of the bases. These tools are indispensable for building any Estes or similar sized kit.



August Launch Photos

AT RIGHT, MIKE SCHNEIDER'S ESTES DER RED MAX TAKING OFF ON A C-6 ENGINE.



FIRE ON THE PAD! DAVE FOUNTAIN AND GREG BURKE EXTINGUISH A FIRE STARTED BY A CATO IN DAVE'S INITIATOR. JACOB BOCK'S 'LIL NUKE WAITS ON THE LEFT AND BRAD VAN DUSER'S KAPPA-9-M ON THE RIGHT.



BELOW, DAVE LONG'S ASTRON STREAK ON A D-12 IGNITION ON ONE OF THE LOW POWER PADS.



AND HERE IS "EL PRESIDENTE" AT THE MICROPHONE (ABOVE) WITH THE NOSE CONE OF HIS CUSTOM "GOBLIN" JUST VISIBLE IN THE FOREGROUND.

NEWSWORTHY

NOTES

Two members of SoAR certified Level 1 during the month of September: Phil Nelson (NAR) and Bradford Mix (Tripoli).
 Congratulations Guys!

If you have any news tips pass them along to our president, Greg Burke, at (404) 646-6060 (Pager) or SoAR571@aol.com (Email).

Credit Where Credit is Due

SoAR's assets are very limited. Club dues can only go so far. It is because of this that donations are vital to the operation of the club. Here's a list of contributions and things that we still need:

Contributions

- * Our Greatest Asset - use of the Sod Atlanta field by **Scott Proctor** and **Jack Hardin**
- * Low power launch system and pads, lots of start-up money by **Greg Burke**
- * Section Charter money, design and layout of flyers and newsletter by **Tom and Angi Winterbottom**
- * Scanning photos, newsletter editing, and purchasing an Alti-trak by **Brad and Melody Van Duser**
- * High power four pad relay system, stop watches and a measuring

wheel by **Dale Windsor**

- * High power launch pad by **Dave Butcher**
- * Assistance building the low power launch system by **Matt Cooper**
- * Getting us a GREAT deal on a new banner by **Mike Schneider**
- * Purchasing the new banner by **Tripoli Atlanta (TARA)**
- * Motors by **Aerotech**
- * Prizes by **QCR, Top Flight Recovery, Pratt Hobbies, Rocket Science** and **Hobbytown USA**

Items Needed

- * A battery charger (12 volt/2 amp)
- * Extra Launch batteries
- * Active members - This is most important because without active members our club is dead.

SOAR Membership Application

Membership fee is \$20 per year for an individual or family

Name _____ Age _____

Address _____ City _____ Zip _____

Phone _____ Email _____

NAR or TRA # _____

Are you interested in joining NAR? Yes No

What are your interests in rocketry? (Please check all that apply)

- | | | |
|---|--|---|
| <input type="checkbox"/> Altitude | <input type="checkbox"/> Competition | <input type="checkbox"/> Electronics |
| <input type="checkbox"/> Ground Support | <input type="checkbox"/> High Power | <input type="checkbox"/> Low Power |
| <input type="checkbox"/> Payload | <input type="checkbox"/> Photography | <input type="checkbox"/> Scale modeling |
| <input type="checkbox"/> Recovery Systems | <input type="checkbox"/> Plastic model conversions | |

Membership includes a 10% discount at HOBBYTOWN and National Hobby on rocket related items, a quarterly newsletter and free or reduced prices on launch fees. Send application with check made payable to:

Tom Winterbottom
 16 Rubie Lane
 Cartersville, GA 30120

Rules for the Quadrathon Competition

As with any contest there must be rules so that all contestants are judged equally. These are the rules for our first Quadrathon competition:

- 1. Only one model rocket may be used across all four events.**
- 2. The model must be flown in the same configuration for all events.**
- 3. The recovery device may be changed for each event.**
- 4. No clusters or staging is allowed.**
- 5. If the model breaks or is lost then you are disqualified for that and all future events - no substitution models are allowed.**
- 6. All contestants will fly events at the designated time, ie: all flyers will fly the A-Altitude event, then the B-Parachute Duration, etc.**
- 7. Models must be returned to the judges after each flight for in-**

Model Rocketry Loses a Founder

During the first week of November, one of the founders of model rocketry passed away. Below are two email messages from the presidents of Tripoli and NAR concerning this loss.

Dear Tripoli Member, I received the sad news about the passing of G. Harry Stine this morning. Harry and I first met 10 years ago at Lucerne Dry Lake and shared time on the NFPA Committee. Though we disagreed on occasion, we saw eye-to-eye on others.

Harry did not figure into the formation of Tripoli except negatively - when the NAR earlier refused to venture into high power. But as Tripoli grew he recognized the potential of high power and helped with the first draft of NFPA 1127, our Safety Code. He, in fact, gave Tripoli credit for the growth and acceptance of high power as a hobby in the code's introduction.

I last saw Harry in Phoenix last year. As a result of that meeting I sent him a complimentary set of Tripoli Handbook materials which he was pleased to see.

He sent me a letter saying that people had been pressing him to write a handbook on high power. He felt the job was best left to others and stated the Tripoli Handbook, once completed, will go along way to fill that role.

Think what you will about G. Harry Stine's role in high power, but always remember his influence that

laid its foundation. As for me I considered him a friend and respect the role he played in the history of our hobby. Tripoli members are encouraged to send condolences to one of the addresses listed below.

Bruce E. Kelly, President
Tripoli Rocketry Association

Fm: Mark Bundick

G. Harry Stine, NAR #2, died Monday, apparently of a heart attack.

Much of the technology, safety foundations and organizational structure of our hobby and Association rest on Harry's insight and hard work. His list of accomplishments and the body of work he leaves behind are too long to mention. Harry was one of a kind, a man we cannot ever hope to replace.

Arrangements are pending. NAR members and modelers worldwide are encouraged to send their notes of condolence and remembrance to:

Barbara Stine
2419 West St. Moritz Lane
Phoenix, AZ 85023

Bill Stine
c/o Quest Aerospace
519 West Lone Cactus Drive
Phoenix, AZ 85989-2390

Mark B. Bundick, President
National Association of Rocketry

"Quick Tips"

In colder weather it is a good idea to sprinkle baby powder in your chute and do not leave it packed more than a couple of minutes before launch. The powder will also provide some additional tracking smoke.

Try using a fishing line swivel for your recovery devices. They allow you to easily switch between different devices or replace a damaged one. Start with a number 7 size and adjust the size if needed.

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703/869-3541 email PHOBBIES@COMPUSERVE.COM
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See our catalog at <http://yourworld.compuserve.com/homepages/prathobbies>



WWW.NAR.ORG



National Association of Rocketry
Post Office Box 177, Altoona, Wisconsin 54720

Check Out These Sites on the Web

SoAR club members are in the process of designing a web site. Stayed tuned for more info and a site address.

Our high power sister organization, TARA, is at: TARA.XYZZY.NET

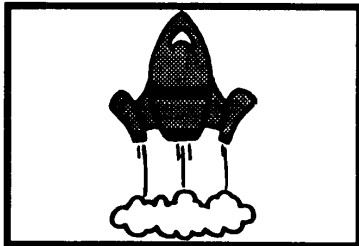
A great starting place is Rocketry Online with links to many other great sites, classified ads, dealing mostly with high power rocketry: WWW.ROCKETRYONLINE.COM

Check out DARS (Dallas Area Rocketry)
A great Site!
WWW.DARS.ORG



SOUTHERN AREA ROCKETRY
PRESENTS
THE FIRST
ANNUAL

QUADRATHON !



November 16, 1997
At the Cartersville Field
Fly one model in four events

A-Altitude

B-Parachute duration

B- Spot Landing

C-Payload Duration with an empty D case filled with sand.

This is a fun event open to everyone.

For more Info contact:

Tom Winterbottom 770/429-3592

Greg Burke 404/646-6060 (Pager)

Possible Estes kits that would be good for the event:

AIRWALK, RAMPAGE, DAGGER, NOVA PAYLOADER

Pre Registration Form \$5.00 Entry FEE

Name: _____

Address: _____

Phone: _____

Mail to:

Tom Winterbottom, 16 Rubie Lane, Cartersville, GA 30120