



WIND AND WINTER WIPE OUT SPRINGFEST !!

By Duane Lanterman

Seems like the whole country has experienced a weird "Spring" and Kansas was no exception. Our original Springfest date of March 9 had winds of 25-38 mph under cloudy skies. (the next morning we were under a blizzard warning with winds up to 52 mph). Our alternate date of March 23 brought a steady rain throughout the day accompanied by wind. Not the kind of day for anything but building rockets in the shop or watching March Madness. That being said, we are in the beginning of year 3 of excessive drought and so the moisture was a welcome sight.

This email I received the night before our alternate date from Linton Bayless in the Kansas City area sums it up " Yes, I've been following the weather for over a week now and it always looked iffy. With the high temperature predicted at 37 and winds in the upper teens, I'll bet the wind chill will be in the lower 20's. There is a time for rockets, but I think this weekend will be better suited for a pot of chili on the stove, a fire in the fireplace, hot cocoa , and March Madness. Scheduling a launch in March is always a roll of the dice. Remind me of this weekend's weather if I ever complain about summer launches being too hot !"

MARK YOUR CALENDAR'S FOR APRIL 20TH

Hey, gang, we haven't seen each other since January so let's all plan at being at our first official launch of 2013 at the Hutchinson Fair Grounds Parking lot ! No, we won't have the big honking waiver of Ellinwood, but hey, we will still have fun and we'll just save those big motors for NSL or FFFF later in the year. Don't forget we have the Gooney Drags about mid afternoon so check out the article on the rules for this class and let's have a record turnout. Trophy for first and ribbon for second plus bragging rights to being Top Eliminator ! I hesitate to say this, but if for some reason the weather is not good, let's still get together at our 10 am starting time and we'll find somewhere to gather and talk, have a meal together, and exchange some motors I know people have picked up, and pay any bills you may have. Here's to sunny skies, light winds, and warm temps.

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KOSMO RECEIVES NAR GRANT

By Steve Saner

In November of last year, the NAR officially announced the details of the 2013 grant program for NAR sections. While the grant program in recent years has focused exclusively on safety elements, this year the program was expanded to include grants for launch equipment and marketing materials. The maximum grant amount for each section was set at \$250.

At the KOSMO annual meeting, we discussed the grant and made a decision to request money for three items. First, for some tarps to replace the deteriorating launch pad tarps that we have used for a number of years. Second, an additional 8 foot rail to be used on the mid and high power pads. And third, the production of a KOSMO banner that will be used for static displays and other events.

In late Jan., Steve Saner submitted a grant request to the NAR on behalf of KOSMO asking for a total of \$240 to purchase the above named items. In early March, Steve received a letter stating that our request had been granted and a check for the requested amount.

We have already obtained the 8 ft rail and should have the tarps for the April launch. John Palmer will be working with his Office Max colleagues to get the banner done.

KOSMO thanks the NAR for the support that they give us in the advancement of our activities.

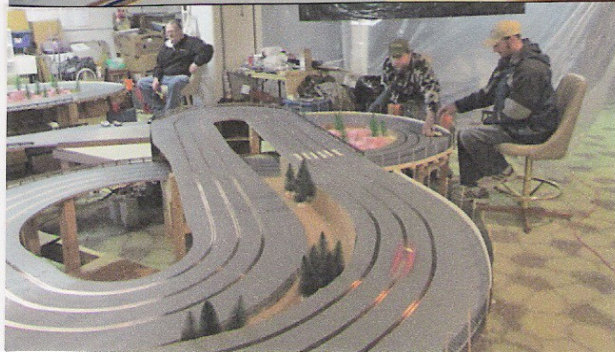
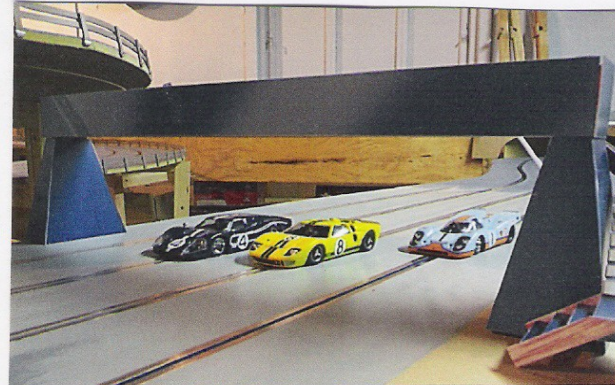
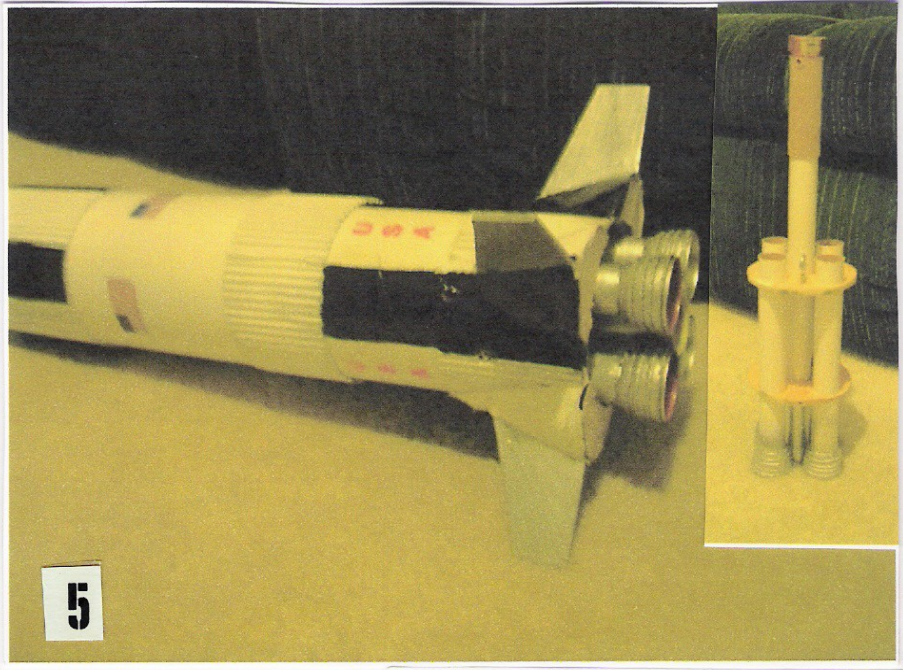
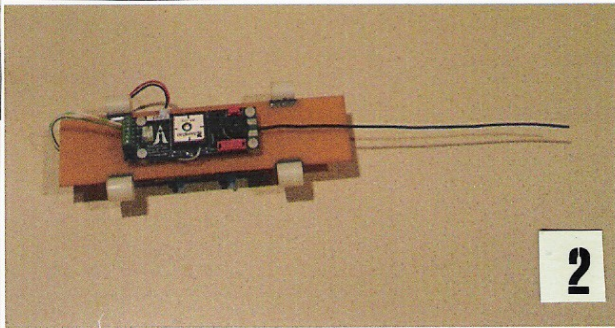
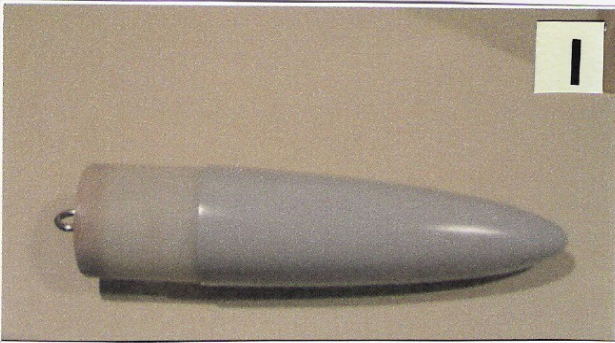
AeroTech Announces New Line Of Motors at NARCON

AeroTech recently announced a new line of High Power single use motors, the PRO-SU Line. Features include no hardware to buy, clean, or lose, light weight filament fiberglass case, user adjustable time delays in Two-second intervals, user adjustable ejection charge. A FirstFire igniter is included with each motor, and your first purchase of a motor includes a free Time delay tool. The initial offering is now Certified and available for about \$30 as a 29mm H135W and soon to be available will be a 38mm I140W and a J270W.



PHOTO PAGE DESCRIPTION ----->>>>>

- 1) Steve Saner built this new fiberglass nose cone for his Level One rocket.
- 2) Steve's new toy. An Altus Telemetry dual deployment altimeter that contains radio telemetry to a ground computer and a gps receiver shown mounted on a sled.
- 3) and 4) President Keith Ravenstein when he's not building rockets and a host of other things spends time building and racing on his wood slot car track.
- 5) John Palmer's recently completed Saturn 5 powered by 4 C11's and a D12 or 5 D12's. The engine bells are made from fishing floats and plastic Easter eggs. The bells are detailed with wrapped string, held on with spray glue.
- 6) Duane Lanterman with his reborn Eagle 7X and a LOC Athena 3.
- 7) The new KOSMO banner designed by Steve Saner.



MEMBERS
PHOTOS

Kansas Organization for Spacemodeling



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**SATURDAY -SATURDAY SATURDAY !!
GOONEY DRAGS AT APRIL LAUNCH**

We plan on having rocket drags at the April Sport Launch. The rockets will be what we call the Gooney Class. The Gooney models must be at least 1.5" in diameter but no more than 1.75". Total maximum rocket length is 11". A single "A" motor is allowed. An Estes Baby Bertha would be a good starting point. Only one model may be used throughout the rounds. Drags are held "KOSMO Style", one point for first off, highest altitude, and first safely down. A "race car" paint scheme is suggested. First place will be awarded a trophy and second place will receive a ribbon. Looking forward to seeing some new competitors this year !!



RUSH CO. 4H GROUP GROWS

Dennis Elder must be doing something right as his group now has 21 kids out there in Western Kansas. Now Dennis if you can just get some moisture on the ground and some calm winds life will be great.

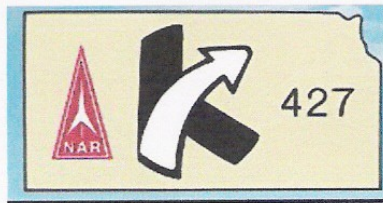


KEEP UP TO DATE WITH KOSMO'S WEBSITE

Just a reminder about our club's website www.kosmo427.org. This site is maintained by webmaster Steve Saner. The website includes the current and past issues of the KOSMONaut, membership info and form, links to the NAR, KCAR, and KLOUDbusters, complete info on KRAMO 33 and rules for each event, maps of our launch sites, and the 2013 launch calendar with details on each event. In the event of cancellation of an event this is also the first place to look. Thanks Steve for a job well done!



The KOSMONAUT is published bi-monthly by the KANSAS ORGANIZATION FOR SPACEMODLEING NAR Section #427. Subscriptions are \$8 for 6 issues. KOSMO membership is only \$10 for a year and includes the KOSMONAUT. Newsletter editor is Duane Lanterman and can be emailed at rocketsandracing@cox.net. Memberships/subscription checks should be made out to KOSMO and sent to Sharon Lanterman 642 N. Homestead Dr. Great Bend, Ks. 67530 . If you would like your newsletter delivered in a digital format please note that with your subscription and include your email.



KOSMO 2013 LAUNCH CALENDAR

APRIL 20 Sport Launch - Hutch Fair Grounds- Hutchinson, Ks. 10am-5pm Class 1 rockets that can be reasonably recovered within the field. Sport launches and Gooney Drag races (see rules this issue)

MAY 25-26-27 National Sport Launch - Pueblo, Co. 10,000' pending waiver on thousands of acres of open land. Banquet Sat. night will feature *Bill Stine* talking about his dad's company Model Missiles Inc. and a presentation by *Vern Estes*. Before and after the banquet a once in a lifetime chance to see hundreds of display models that the Estes company has built for their catalogs and trade show displays. Some models are over 40 years old. www.NSL2013.org.

JUNE 1-2 KRAMO 33 - NAR Sanctioned Regional Contest , Hutch Fair Grounds, Hutchinson, Ks. (See article this issue for full contest information)

AUG 10 Sport Launch- Hutch Fair Grounds- Hutchinson, Ks. 5pm-9pm Class 1 rockets.

SEPT 7 Final Frontier Fun Fly Ellinwood, Ks. Ellinwood Airport 10am-5pm 10,000' FAA Waiver BBQ at noon (small fee)

SEPT 21- *Alternate date for FFFF due to bad weather*

OCT 19 Nightflight - Hutch Fair Grounds- Hutchinson, Ks. 3pm-8pm Class 1 rockets from 3pm-6pm. Junior Drag races. Lighted Class 1 rockets from 7pm-8pm.

NOV 2 Low and Slow - location to be determined - 2pm-5pm Pizza to follow \$5- Our annual small rocket, "high drag" launch and social.

All launches have a fee of \$4 for non-members and \$3 for members with the exception of KRAMO, which is \$7 adult, \$5 youth, \$15 family, and \$1 sport only. The Low and Slow has no launch fee. Weather is sometimes a factor (or ground conditions) so check the website for last minute updates.