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KOSMO - NAR #427

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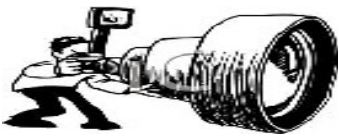
CELEBRATING 35 YEARS OF CONTINUOUS PUBLICATION

REPORTING ON *KOSMO'S* REALLY BIG WEEK !



**HELPING HOST
NARAM 58
IN
MAPLE GROVE, MO.
AND
ASSISTING THE
KANSAS COSMOSPHERE
AND SPACE CENTER'S
XTREME CAMP LAUNCH !**





A FEW PHOTOS FROM NARAM 58



*Illustration 1: Registration Table -
Dennis Elder and wife, Steve Saner,
Keith Ravenstein*



Illustration 2: Dennis Elder and Tom Ha at Fly It Take It Table



*Illustration 3: John and Duane with their Patriots prior to less
than successful flights*



*Illustration 5: KOSMO donated a number of Fly It
Take It models*



*Almost 800 models were launched from the sport
range during the week from 1/4A to M.*



Illustration 4: Sport Scale and Plastic Model Conversions on display.



NARAM 58 COVERAGE CONTINUED --

NARAM 58 was the combined result of six different clubs, most of whom had not worked together before. The preliminary work was done through emails back and forth. Steve Saner of KOSMO did most of the computer work to make this possible and also did most of the work on the website that allowed registration and provided vital information before and during the event. There is just too much to report on this week to do it justice so I am including two emails received after the event was over that speaks well of the event and provides a nice summary.

Email from KOSMO members Mark, Bonnie, and James Johnson -

Thanks again for your participation at NARAM – you got rave reviews for your handling of registration from everyone I talked to. We have been recognized by the new NAR President, John Hochheimer, for our efforts to make it happen, with an engraved plaque on a base with computer-etched lettering.

We finished the week having had NO rain delays on the field (G SD was moved to Tuesday) but there was no downtime at all. That's the first time that has happened at a NARAM in quite a few years. We even made it rain last year in the Arizona desert and the year before that on the Colorado plateau.

As for the Boris & Natasha Team (ed. Note: Mark and Bonnie) we placed 4th in Team Division Open Spot Landing, 5th in Team Division C PD, and skipped G SD, our other planned event, due to the heat, cloud cover, and us being less than enthusiastic about chasing a rocket that far. (Ed. Note: We are all getting older Mark)

Chris Taylor's www.naramlive.com website has sagans of pictures (1 Sagan= Billions and Billions) and hours of video. I haven't looked at it yet but his past efforts have always been outstanding. He kept the hotel Wi-Fi busy with uploads all night, every night. (Ed. Note: That is definitely the way to get a feel for everything that happened during the week. Check it out and enjoy! Chris does a GEAT job!)

Email from KOSMO member Steve Saner -

I have just returned from NARAM 58. I just want to say another big thank you to all of the KOSMO members that participated and helped me execute the commitments that I had made with regard to managing registrations.

As I understand it, the registration process, from the perspective of the attendees went smoother than it often does. Dennis (and Edith), Keith, Duane, Mark and Bonnie, you helped make that possible. Many of you did other things to help make NARAM go. Overall, I think KOSMO made a very good showing and we certainly deserve to have our “427” on the logo.

For those of you who left Monday morning, it rained like crazy at the hotel, but it only sprinkled briefly at the field. It was much nicer at the field than Sat. and Sunday was. (Ed. Note: the weekend was the hottest weekend of the year in the area). We did have a bit of issue with cloud levels. On the contest range they pushed G Steamer from Mon to Tue, and on the sport range they sometimes had to wait for holes in the clouds on Monday. There was still some cloud cover issues on Tues, but they managed to get everything done.

I spent most of Mon and Tues in the registration tent, but I also had my own stuff there and I was able to fly a couple of rockets as well. On Tues I also took a turn as RSO on the sport range. The NAR meeting Mon night and the Cannon auction Tue were also interesting. In many ways I would have liked to stay to the end on Friday but that just wasn't in the cards this time. Thanks again.

KOSMO HOST COSMOSPHERE XTREME CAMP

At 10:30 Saturday morning July 30 two vans loaded with young people from the Kansas Cosmosphere and Space Center's Xtreme Camp rolled onto the narrow road leading into a field of recently harvested wheat. They were greeted by members of the Kansas Organization for SpaceModeling who had set up three high power pads with rails and pop-up covers with tables, ready for the days activities. Rain showers had occurred earlier in the morning, both to the west and east, but the launch site had received just a sprinkle. The hot temperatures of previous days gave way to a comfortable day with winds from the SE at 10-15 mph. The 21 students, fresh from a scuba trip the day before in Arkansas, had each built a LOC ISIS/IRIS during the week. The KOSMONauts did a safety check on each model and suggested some modifications prior to flight on a few models. (mainly suggesting glue issues with fins) The students were shown how to prep the chutes, "dog barf" was installed and then an AeroTech DMS H182R was installed. Three rockets were put on the pads at a time, some members of the student group were in the field for recovery, and a team of KOSMONauts approximately a half mile out were at the ready with radios and a vehicles to assist with recovery. As the rockets ripped off the pads under a bright red flame, we tracked it to parachute deployment and then followed it to touch down before beginning the process over again. By 2:45 all the models had been returned with only one separation. The models were brought over to the tables where the three teams inspected the rockets, paper work completed, and 20 high power certs had been accomplished. A group picture was taken and the vans left the launch area at 3:30 headed back to Hutchinson, Ks. We left feeling the launch had been a great success and a lot of fun. Thanks to those KOSMO members who helped with this event, John Palmer, Steve Saner, Duane Lanterman, Dennis Elder, Luke Dyson, Kwinter Hartshorn, Keith Ravenstein, and family members that assisted Keno Hartshorn, Greg and Garrett McAlister.



A FEW MORE PHOTOS FROM NARAM 58



Mike Dickinson Oklahoma flier, outgoing NAR President Ted Cochran, John Palmer with rocket and lift off photo, our new little friend and his dad's Level 1 Rocket.

4H JR. LEVEL ONE ACHIVED AT ELLINWOOD

Prior to the group arriving from the Cosmosphere on July 30, the Scarberry 4H family from Goddard, Ks. arrived in order to have their son certify Jr. High Power. His model was a Madcow Torrent and was powered by a AeroTech H135. After the proper inspections were made the rocket was loaded on the pad and a successful flight ensued. The family remained at our launch throughout the day and had an enjoyable time. Welcome to high power Baxter!

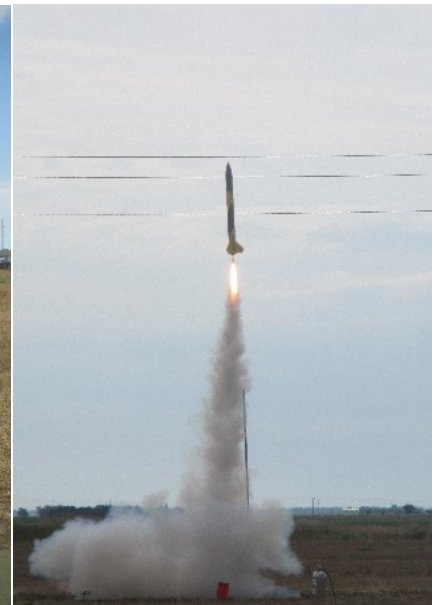
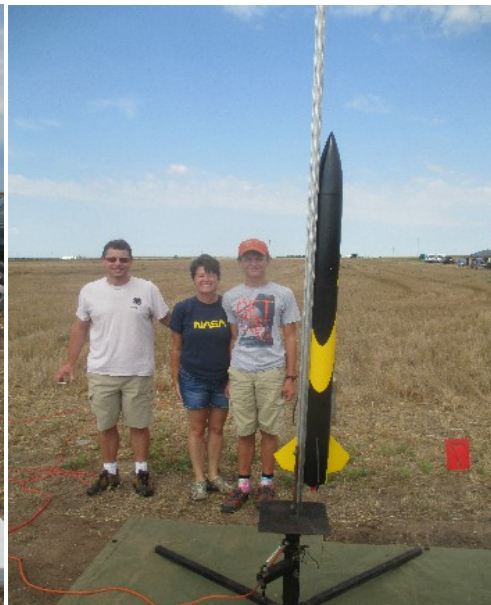
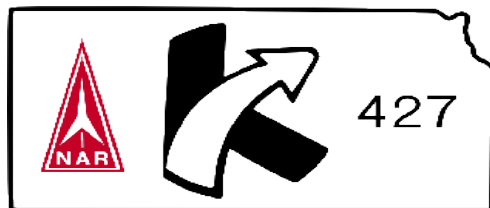


Illustration 1: Steve Saner examines Baxter's rocket

Illustration 2: Baxter Scarberry with dad Dennis and mom Angela

Illustration 3: We have liftoff!



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REMAINING KOSMO 2016 LAUNCH CALENDAR



SAT. AUG. 20 SPORT LAUNCH/FAMILY BBQ-STATE FAIR GROUNDS PARKING LOT HUTCHISON, KS. 9PM-1PM BBQ TO FOLLOW; *bring the wife, bring the kids or grand kids.* HOT DOGS, DRINKS, CHIPS PROVIDED BY KOSMO. IF YOU WANT YOU MAY BRING "FINGER FOODS" TO SHARE. CHECK YOUR EMAIL SEVERAL DAYS BEFORE THE LAUNCH FOR A REQUEST OF ABOUT HOW MANY YOU PLAN TO HAVE ATTENDING. COME OUT FOR THE FUN !

SAT. SEPT. 3 - FINAL FRONTIER FUN FLY- LANTERMAN FAMILY FARM 10AM-5PM 10,000' FAA WAIVER - LUNCH AVAILABLE AT LAUNCH FOR MINIMAL FEE.

(BACKUP DATE SEPT. 17, BRING YOUR OWN LUNCH ON THIS DATE}

SAT. OCT. 15 - ROCKET-TOBER- ELLINWOOD AIRPORT OR LANTERMAN FAMILY FARM 10AM-5PM 10,000' WAIVER

SAT. NOV. 12 NIGHTFLIGHT- STATE FAIR GROUNDS PARKING LOT HUTCHINSON KS 3PM-7PM NIGHT PORTION BEGINS AT SUNSET

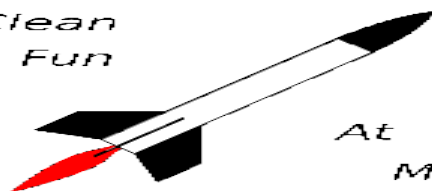
ALL LAUNCHES AT ELLINWOOD OR HUTCHINSON HAVE A LAUNCH FEE OF \$3 FOR MEMBERS, \$4 NON-MEMBERS. LAUNCHES IN HUTCHINSON ARE FOR CLASS ONE ROCKETS THAT CAN BE REASONABLY RECOVERED IN THE FIELD. LEVEL ONE OR TWO HIGH POWER CERTS ARE AVAILABLE AT ELLINWOOD.

LAST MINUTE UPDATES DUE TO WEATHER, ETC. ARE AVAILABLE ON THE CLUB'S WEBSITE www.kosmo427.org OR BY CALLING 620-282-7960

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KOSMO

*Good Clean
Fun*



*At
Mach One*

**Kansas Organization for Spacemodelling
Estd. 1980**