

**THE OFFICIAL JOURNAL OF
THE KANSAS ORGANIZATION FOR SPACEMODELING**



the **KOSMONAUT**

JULY/AUGUST

VOLUME 37 NO 4

We're Still in Kansas Dorthy !

Story by Duane Lanterman

NAR members from the greater Kansas City area along with three young men and a young lady, Annabelle, from the Emerald City NAR Section #751 located in De Soto, Ks. traveled to central Kansas and the high power field of the Kansas Organization for SpaceModeling, NAR Section #427. The objective, get those three young men their Level One Certs.

These students had been part of a TARC team that had been assisted by Blake Goddard and Dave Lucas. At the end of this program they were encouraged to get their High Power certifications. Initially there were six interested in doing this but conflicts arose and three of them were able to build their kits (LOC kits with certain modifications via Keith Ravenstein) As launch day approached a wrinkle in the plans appeared. Motors had been ordered from a local supplier in Wichita and as Blake was heading to Oklahoma his plan was to pick the engines up as he went through town. Unfortunately, the motors did not ship with the rest of the vendors order . It appeared that the motors should be in the following week a day before the launch. Steve Saner, who lives near Wichita, planned to pick them up and bring them to the site. Wrinkle number two – the UPS truck broke down somewhere in rural Kansas and would be delivering them to the vendor on Monday. Problem, the launch was Saturday. Emails flew through the Internet and it was determined that KOSMO members had a sufficient supply of appropriate 29mm motors. The day was saved.

There were a few sport flights that day but the emphasis was on the cert flights. KOSMO president Keith Ravenstein oversaw the prepping of the models which were all constructed very well. Other KOSMO members assisting were Steve Saner, Duane Lanterman , and Ron Snow. KC area NAR members included Blake Goddard, Dave Lucas, and Lee Walker. Zach Deibert was first to cert on a H182R, followed by Cody Murphy with an H195 NT, and finally Alex Webber with an H 182R. The models all landed within the first half of the field and reached altitudes over 3000'. Post inspection showed no damage to the models and all that was left was the paper work to conclude a successful day. Two of the young men are attending college this Fall and one is be a Senior . Congrats guys, nice job !

Addendum : We won't go into all the details here, but the students return home was delayed about an hour and a quarter as we found that some features on newer cars are a pain. (keys accidentally locked in trunk, security features working against us, and finally a lock smith coming to the rescue.) It will be an interesting story to tell for years to come when the subject of how their certification day went.

**CELEBRATING
60 YEARS NAR**

Still In Kansas Dorothy – Continued



Illustration 2: Zach Deibert, Alex Webber, Cody Murphy with successful Level One Cert Rockets



Illustration 1: Aerotech 'Red' against the Kansas sky



Illustration 3: Support crew for the days activities.



Illustration 4: Keith Ravenstein explains the finer points of prepping rockets

KOSMO VICE-PRESIDENT SUFFERS STROKE

ED. NOTE: Some of you may be aware that the vice-president of KOSMO Bill Lindsay suffered a stroke the middle of July. I asked him to give us an update on this status.

I had the stroke July 18. I was in the hospital for one week and in a rehab facility for three weeks. I'm currently at home with Home Health Care. I have therapy four days a week. I'm starting to get some feeling back in the left arm and hand. Most of the time I'm in a wheelchair. When I'm allowed to walk it's with a walker and assistance. The left foot still drags. I'm able to speak have some issues with speech, and memory but it's improving daily. It looks like the home health will be for about 8 weeks and then off to out patient therapy. I'm working on some rockets as my left side allows. Trying to get back in the swing of things just taking it one day at a time and lots of prayers.

NARAM 60

REMEMBERING THE PAST -ENJOYING THE PRESENT – LOOKING TO THE FUTURE

Memories and Photos by D. Lanterman

Having secured our motel room and registered for NARAM months before it happened, the next thing we knew it was time to hit the road and head to “Colorful Colorado.” Five KOSMO members Steve Saner from Andover Ks., Duane Lanterman and Keith Ravenstein from Great Bend, Ks. and Mark and Bonnie Johnson from Columbia, Mo. Joined 100's of other NAR members to celebrate the 60th edition of this national gathering for sport rocketry and contest flying. The founders of the hobby and Jay Apt, NAR member and astronaut, were just some of the 200 people present at the Rocketeer Reunion at the Marriott in downtown Pueblo on Sat. night. The field, the Hudson Rocket Ranch is an excellent facility just outside of the city. The local SCORE club did an excellent job of hosting the event working through a requirement for a 24' road inside the field (completed the evening before the event) and sweating out a Stage Two Burn Ban that was lifted just two weeks before the event. I could give you a somewhat detailed account of what happened but have elected to share some photos of the activities while I was there Friday night until Monday morning. I hope you enjoy looking back on a truly memorable event.



Illustration 2: KOSMONaut's in attendance: Steve Saner, Keith Ravenstein, Bonnie Johnson, Mark Johnson, Duane Lanterman



Illustration 3: Vern Estes and Lee Piester, what stories these two pioneers can tell



Illustration 1: Entrance to the Hudson Rocket Ranch



NARAM 60 IN PHOTOS -



Illustration 2: Beautiful Centuri artwork on display and for sale at the Reunion

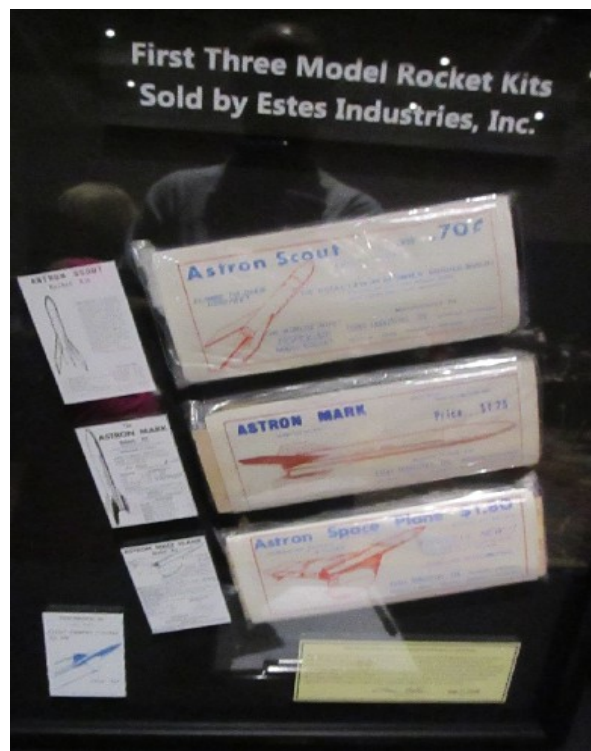


Illustration 1: Historic Estes Kits at the Reunion.



Illustration 3: The Reunion was a time to meet new and old faces. Vern Estes bottom right.



Illustration 4: Duaen Lanterman visits with NAR member and NASA astronaut Jay Apt.



Illustration 5: Steve Saner holds the L1000 that would later propel his large model to over 5400'.



Illustration 6: Saturn V, Mercury Redstone, Upscale Mars Lander

NARAM 60 IN PHOTOS -



Illustration 1: What began as a "dumpster find" in Argonia, Ks. last Labor Day weekend became a two stage NO. 2 pencil rocket. Peaked out at over 4400' (Steve Saner project)



Illustration 2: Our friends from Oklahoma Mike Dickinson and son. His dual glider rocket is always FUN !



Illustration 3: There were fun projects (above) and serious projects (above right).



KOSMO 2018 LAUNCH CALENDAR

SEPTEMBER 8 - FINAL FRONTIER FUN FLY – LANTERMAN FAMILY FARM – ELLINWOOD, KS. 10AM-5PM 10,000' FAA WAIVER- BBQ @ NOON ON SITE FOR A SMALL FEE --

ALTERNATE BAD WEATHER DATES SEPTMEBER 15 AND 22

OCTOBER 6 - ROCKET'TOBER – LANTERMAN FAMILY FARM – ELLINWOOD, KS. 10AM-5PM 10,000' FAA WAIVER – BRING YOUR OWN LUNCH

ALTERNATE BAD WEATHER DATES OCTOBER 13 AND 20

NOVEMBER 10- NIGHTFLIGHT – KANSAS STATE FAIR GROUNDS – HUTCHINSON, KS. 3PM-7PM MODEL/MID POWER ROCKETS AND "LIGHTED ROCKETS" AFTER SUNSET

The KOSMOnaut is published bi-monthly by the KANSAS ORGANIZATION FOR SPACEMODELING NAR SECTION #427. Hard copy subscriptions are \$8 for 6 issues. **Membership is only \$15 a year and includes the KOSMOnaut (digital version or hard copy, please specify when you join or renew) AND launch fees for all events except KRAMO.** Newsletter editor is the current KOSMO secretary Duane Lanterman and submissions are encouraged and can be sent to rocketsandracing@cox.net. Membership and subscriptions checks should be made out to KOSMO and sent to Sharon Lanterman, 642 N. Homestead Rd. Great Bend, Ks. 67530.

MORE NARAM 60 PHOTOS – KOSMOnaut's out on the field



Illustration 3: KOSMO President Keith Ravenstein readies his rocket



Illustration 2: Duane Lanterman's Dual Deploy Eagle R made 3260'



Illustration 1: Bonnie Johnson did a great job assigning pad locations



Illustration 4: Mark Johnson visits with an old friend out on the field.