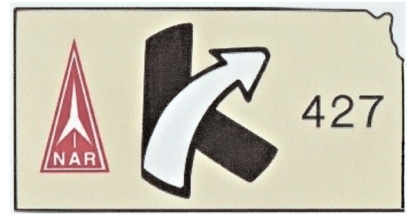


# the KOSMONAUT



OFFICIAL JOURNAL OF THE KANSAS ORGANIZATION FOR SPACEMODELING

July/Aug 2023

Volume 42 No.4



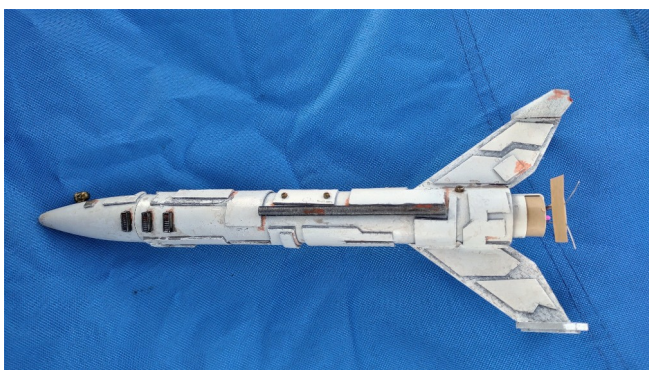
## SUMMER FLYING SEASON BEGINS

*The Saner clan joined KOSMONauts Austin, Douglas, Carol, Keith, Steve and not pictured Duane and Fred. New members Andy and Everett are on the left.*



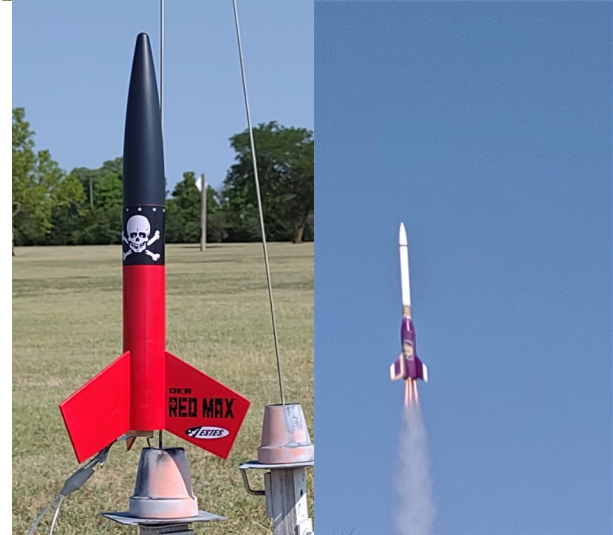
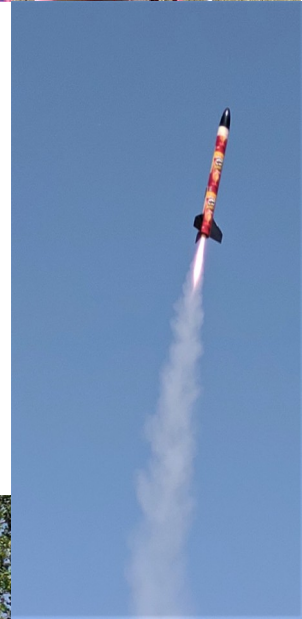
As the summer time temps begin to rise our launches at our Hutchinson field take advantage of the cooler morning temps and our July, August gatherings begin at 9am and wrap up shortly after lunch. Prior to the July launch sporadic storms occurred during the week but Saturday dawned with a near perfect day. We had a boost in our attendance as KOSMO president Steve Saner brought along 14 of his relatives who had gathered for a family reunion. Many of them had traveled from the northern tier of states including family members from Canada. To say that they enjoyed seeing Steve's hobby would be an understatement and to top it off Steve's mom brought along some delicious homemade cookies. We were also joined by Everett and Andy Negaard of Great Bend who later joined our club. Welcome! In the 3 hours we were at the field 33 rockets were launched and as they say a good time was had by all.

Douglas Bailey's scratch built Galactic Rescue



Steve Saner and a very interested relative





**MORE ACTION FROM JULY**

## SUMMER HUTCH LAUNCHES CONTINUE INTO AUGUST

Another KOSMO morning launch took place at the fairgrounds field in Hutchinson with temps a bit warmer than the July one. We had a little different mix of members present including a member from the KC area who is rejoining the club after a several year absence. Good to have you back Mike Stewart! There was a nice mixture of models that adorned the clear Kansas sky as you can see from the photos accompanying this article. It was good to have KOSMO member Jayla Wyant in attendance as she had just returned from a 4 week stay in Japan with a 4H family. We were all interested in hearing about her trip and she provided all of us with some delicious and interesting candy she brought back from her stay.



Duane Lanterman, DJ Wyant, Steve Saner, Zac Twigg, Jeremy Lepel, Keith Ravenstein, Austin Streit, Mike Stewart, Richad. Front row: Aimee, Jayla, and Dustin Wvant.



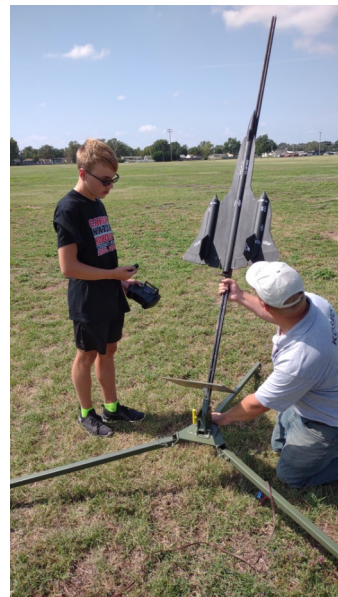
Mike is back flying with us. He has a hefty 3 1/2 hour drive to our Hutch field.



Duane's old Quest model returns to the skies.



Jeremy's Phoenix produced a perfectly straight flight.



We never tire of watching DJ Wyant's R/C YF-12 boost on an E6 and glide to a landing.



## “ROCKET DAY” CONTINUES TO PAY IT FORWARD

*written by Duane Lanterman with input from Peggy Warnock and Rudy Taylor*

We constantly read and hear from NAR publications and officers about our responsibility to “pay it forward” so that the next generation of rocketeers will have a bright future and opportunity to build on what we have enjoyed. There is no better example of this than the Annual Rocket Day at Caney, KS. The event has its roots at Lincoln Memorial Elementary School. The event began many years ago led by the late Joe Warnock, KOSMO founding member, and longtime educator at the school and aviation buff. The event ended when Joe retired and many years passed. It received a new infusion of life in 2022 when Adam Wright, a former Lincoln student, recalled the annual Rocket Day for third graders. Now a fourth grade teacher at that school, he organized a new Rocket Day (version 2.0 if you will) and helped students design and assemble their own rockets. That event was a great success and in 2023 the event grew in numbers, the parking lot at the Athletic Complex filled with cars from parent and grandparents. Joe’s wife Peggy, also a founding member of KOSMO, was in attendance. For the 2023-24 school year Joe’s siblings have agreed to finance the event so things continue to look bright. One of the kids who flew rockets back in the day is now a principal at the Middle School and one is principal at the elementary school. It’s exciting to see that the Warnock Annual Rocket Day is again and will continue to be among the most anticipated events of the school year.

### MORE PHOTOS FROM KOSMO’S AUGUST SPORT LAUNCH IN HUTCHINSON



**Mike Stewart's beautiful Apogee Avion.**



**Duane Lanterman's classic Estes Courier.**



**Austin Streit's Solar Warrior**

## KOSMONauts ON THE MOVE THIS SUMMER

KOSMONaut Jayla Wyant recently began classes at Missouri Southern State. She has been accepted into their pre-med program. The photo on the left shows her receiving her “green coat” as she enters the program. After successful completion of a 3 year program she is guaranteed entrance to KCU med school. Just before heading to Joplin she had returned from a 4 week stay in Japan after participating as a delegate in the 2023 Japan States 4H program. (see photos on the right) Congratulations Jayla and wishing you continued success in your endeavors.

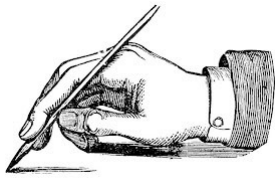


KOSMOauts Sharon and Duane Lanterman took their grandson’s Cody and Parker Lanterman to the Cosmosphere in Hutchinson Ks shortly before the beginning of the school year. The Cosmosphere was recently recognized by Tripadvisor with the Traveler’s Choice Award for being in the top 10% of attractions worldwide. An affiliate of the Smithsonian its space museum contains 10,000 artifacts and attracts over 100,000 visitors a year.



KOSMONaut/Dallas Area Rocketry member John Palmer took off a day this summer to attend the World Spacemodeling Championships in Austin TX and arrived on scale day, a definite bonus to the member we call “Mr. Scale”. Here are several photos John took on his visit.





*From the Presidents Pen - Steve Saner*

First off, I would like to thank all of the KOSMO members who were present at the July launch, for their hospitality in welcoming my extended family members to our launch. This was the final event in what had been a several day reunion of my Dad's and his brother's families. Everyone seemed to enjoy themselves and I think my cousin's son, Halid, may have found a new hobby to explore!

## **Re-Thinking KRAMO**

We had another successful KRAMO this last June. A big thank you to Jeremy for handling the contest director duties for the first time. Traditionally (at least as long as I've known), KRAMO has been scheduled as a two day weekend event, but occasionally due to weather situations we have had to reduce it to one day. This year was one of those times.

After talking to several of you and thinking about it for a while, I wonder if we should consider planning for only one day in the future. A lot has changed over the years both with KOSMO and with the nature of rocket contesting. Not as many people are involved in contesting as once was the case. Also, again due to NAR restructuring of contesting, not as many people come from a long distance to participate in an event to accumulate points. We found it fairly easy to get all of our contest flights done in the single day that we had this year. And that even included hosting a bunch of kids launching their rockets. Also, reducing the event to one day means less driving or perhaps not needing to book a hotel and other considerations.

One aspect that is not very nice about reducing KRAMO to one day is that of the Contest Director's job. I know this from many years of experience and I think Jeremy felt it this year too. Keeping up with the events and tabulating scores is a rather tough job, particularly when the expectation is to have the results ready by the end of the event. What I used to do, after the first day, was get all of that day's results entered into the computer that evening. That way, on Sunday, all I had to handle was that day's results, which were usually lighter. That, of course, doesn't work when the event is reduced to one day.

I'm going to toss out a proposal for everyone to think about. What if we planned KRAMO for only one day? We would keep both Saturday and Sunday open in our schedules, but we would only fly on whichever day looked best from a weather point of view. Perhaps we reduce the contest event list from six events down to four or five, which would make it easier to handle in one day as well. The other change is that there would be no expectation that the results be tabulated at the end of that day. The contest director could take all of the flight cards home and take their time getting everything entered in. They would then post the results via email within the next week (the NRC events are supposed to be reported to the NAR within a week as well). We could then have an awards ceremony at the next scheduled launch.

There are aspects of this proposal that I like and others that I don't like as much. Maybe someone can think of something better. Maybe no change is needed at all. Think about it, discuss it, and we can consider it at our annual meeting in January.

We now enter into the high power part of our launch calendar. Looking forward to seeing everyone out at the farm. Let's remember to fly safely and have fun!

## 2023 KOSMO LAUNCH CALENDAR

**FINAL FRONTIER FUN FLY – SEPTEMBER 9 WITH BACKUP DATE OF SEPTEMBER 23 -LANTERMAN FAMILY FARM- ELLINWOOD KS - 10,000' FAA WAIVER PLANNED- 10AM TO 5PM -No restrooms at field so you may want to stop at the Ellinwood Casey's store. Bring water, your lunch, suntan lotion, and bug spray.**

**ROCKET'TOBER – OCTOBER 7 WITH BACKUP DATE OF OCTOBER 21- LANTERMAN FAMILY FARM- ELLINWOOD KS - 10,000' FAA WAIVER PLANNED – 10AM TO 5PM -No restrooms at field so you may want to stop at the Ellinwood Casey's store. Bring water.**

**NIGHT FLIGHT – NOVEMBER 11- LOW/MID POWER FIELD – HUTCHINSON KS – STATE FAIR GROUNDS PARKING LOT- BEGINS AT 2PM WITH LIGHTED ROCKET LAUNCHES AFTER SUNSET USUALLY CONCLUDING ABOUT 6PM**

The parking lot at the State Fair grounds in Hutchinson is our low/mid power field. We do limit flights to Class 1 rockets (which generally means up to a G impulse motor max) that can reasonably be expected to stay within the bounds of the field. (this is at the discretion of the range safety officer)

At Ellinwood we will file an FAA waiver good to 10,000 ft above ground-level. Generally speaking, this will allow up to a K impulse motor. Note that you must be properly certified, or be getting your certification, to fly high power rockets. If you would like to get Level 1 or Level 2 NAR certification, we have members that can help you with that. Please contact us if you have any questions. While high power rockets are allowed at this launch, most flights tend to be of low and mid power rockets. So do not hesitate to join us even if you are not flying high power. **WITH KANSAS WEATHER THESE DATES ARE CERTAINLY SUBJECT TO CHANGE. UPDATES CAN BE FOUND AS THE DATES APPROACH ON OUR CLUB'S FACEBOOK PAGE, OUR CLUB EMAIL LIST, AND OUR CLUB'S WEBSITE.**

"The KOSMONaut" is published bi-monthly by the *Kansas Organization for SpaceModeling* NAR Section #427. Hard copy subscriptions are \$8 for 6 issues. Membership in KOSMO is \$15 a year and includes the "The KOSMONaut" (please specify hard copy or digital) and all club launch fees except for our annual contest KRAMO. Newsletter editor is secretary Duane Lanterman. Submissions are always welcome! Membership and subscription checks should be made out to KOSMO 642 N. Homestead Rd. Great Bend, Ks. 67530



*Launches from the Lanterman Farm*

