

the **KOSMONAUT**

MAY/JUNE 2018

VOLUME 37 NO 3

MAY AND JUNE BUSY MONTHS FOR KOSMONAUT'S

After a slow start to the launch season in Kansas, things definitely picked up for the Spring months of May and June.

Our sport launch at the fairgrounds in Hutch took place early in the month of May. We had some nice flights and by a little after one o'clock most of had launched what we had brought for the day. Our vice-president was just a few miles away at the Hutch Airport where they were having an EAA fly in event. Knowing they had some good food available there and since we were beginning to get hungry and hot we decided to head over to that event to conclude our day.



CELEBRATING
60 YEARS NAR

PAYING IT FORWARD

KOSMONaut's TRAVEL TO ARKANSAS CITY

Two days after the sport launch featured on the front page of this issue, KOSMO members traveled on Monday May 7 to southeast Kansas with launch equipment in hand to assist in a launch involving 4th and 5th graders. We had received a request sometime before from teacher Matt Soule via the internet for any assistance we might give his students. It was determined that we could send them 12 Estes kits and 24 motors. They were planning a trip to the Kansas Cosmosphere and Space Center shortly after their school launch. The students did an excellent job of building their kits and we had a 100% success rate. The entire school came out to cheer and do a group countdown! Matt was so grateful for our help and we received some very cool thank you cards from the students. All in all it was a very rewarding day with some awesome students.



"Thank you KOSMO club, for buying the rockets for us. Thank you for joining us to launch our rockets outside the school at the park."

Paying it forward

IT'S JUNE – IT'S KANSAS – IT'S NAR CONTEST TIME

KRAMO 38 REPORT

Going back to its very foundation in 1980 of the Kansas Organization for SpaceModeling is our organized contest called KRAMO (Kansas Rocket AeroModelers Open) . Over the past 38 years the contest has been an OPEN or REGIONAL Meet (and once a sport launch) and this year a NRC event. Early on it gained the name “The Friendly Rocket Meet” and has stayed close to that vibe over the years. This years edition was no different and attracted 13 contestants (15 fliers in all) from Kansas, Nebraska, and Missouri.

The event is traditionally a two day event but it was evident early on that Sat. was going to be way to windy so the word went out that it would be a Sunday only event and we would be starting early to allow the events and fun flying to proceed. Sunday dawned a beautiful day and the famous (or infamous) Kansas winds were no where to be seen (well, not seen, but you know what I mean !) Everyone pitched in and soon the Kansas State Fair Grounds parking lot became rocket central ! Results of the 6 events are summarized below -

OPEN SPOT LANDING – This event is almost always flown at KRAMO and this year Ron Snow dialed in first place with a distance of 4.87 meters followed by Brad Smith and James Johnson. All thirteen contestants gave this event a try.

1/2A BOOST GLIDE – A nice field of 8 contestants gave this a go with a variety of models and the results were very close among the first four with Keith Ravenstein taking first, Steve Saner placing second, and James Johnson rounding out the top three.

1/2A PARACHUTE -Three places to three contestants, first going to Duane Lanterman, second to Steve Saner, and third to John Palmer.

A STREAMER DURATION – Duane Lanterman took first in this event, followed by Steve Saner, and John Palmer.

A HELICOPTER – Only two contestants tried this event with interesting results. Tim Reidy had a good first time of 38 seconds but Duane Lanterman's first flight was 51 seconds and looked like a sure bet for first. Tim followed with a second flight of 31 seconds. Duane's second flight failed to deploy its rotors assuring Tim Reidy the first place ribbon and Duane second.

C EGGLOFT – An egg event is standard fair at KRAMO and this year proved as interesting as always. 8 very different models took to the sky with Tim Reidy's beautifully deployed 36” chute recording a 115 second flight and a safe landing for the fragile payload. Duane Lanterman gathered in second with 59 seconds and John Palmer capturing third.

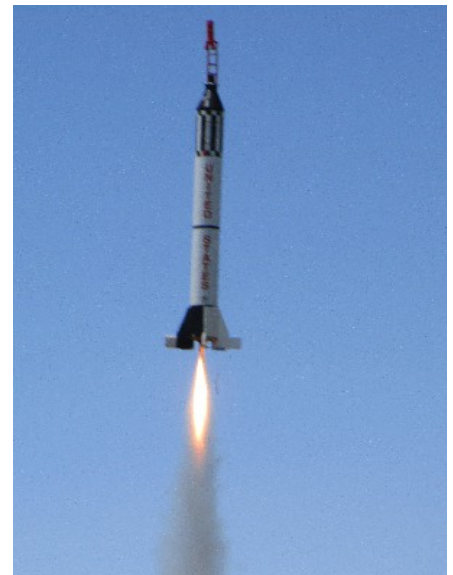
The overall win went to Duane Lanterman followed by Steve Saner and John Palmer. We all cooled off during the awards at Ken's Pizza as has been tradition for a number of years now. First place in each event received a \$5 Subway gift card and Duane took home the Ron Shipley Memorial trophy for another year.

KRAMO 38 CONTINUED -

Besides the 55 contest flights Sunday, there were 54 sport flights thrown in for good measure. The rockets flown were as varied as you can imagine and lots of fun to watch. Tim Reidy of Nebraska City, Ne. who was flying with us for the first time had the most sport flights at an even dozen . Brad Smith had 8 sport flights with his wife contributing another 3 along with some contest flights. This was her first rocket outing and along with their two dogs had a good time. Steve Hamous brought his two grandson's out for some fun flights and John Palmer's grandkids came out to watch poppie launch some rockets. It was just a fun Sunday in Hutchinson with friends and family.



Back row: L to R: Duane Lanterman, Sharon Lanterman, Marvin Applegate, Mark Johnson, Ron Snow, Keith Ravenstein, Steve Saner, John Palmer, Bill Lindsey, Steve Hamous.
Front row: L to R: Brad Smith, Robin Smith, Tim Reidy, James Johnson, Bonnie Johnson, Silas Dunn, Mickey Hamous.



KOSMO 2018 LAUNCH CALENDAR

JULY 7 – RUSH COUNTY 4H LAUNCH – 9AM-12PM BISON BALL FIELD – BISON, KS.
BRING A FEW MODEL ROCKETS TO LAUNCH AFTER WE ASSIST THE 4H'ERS
WITH THEIR MODELS.

AUGUST 4-10 - 60TH ANNUAL NARAM PUEBLO, CO. - LOOKING FOR A GOOD KOSMO
PRESENCE AT THIS HISTORIC EVENT

SEPTEMBER 8 - FINAL FRONTIER FUN FLY – LANTERMAN FAMILY FARM – ELLINWOOD, KS.
10AM-5PM 10,000' FAA WAIVER- BBQ ON SITE -
ALTERNATE BAD WEATHER DATES SEPTEMBER 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.



Illustration 1: KRAMO 38 brought out a wide variety of 1/2A Boost gliders, some of which are pictured here.