

the **KOSMONAUT**

MARCH/APRIL 2018

VOLUME 37 NO 2

KOSMONaut's FINALLY BEGIN LAUNCH SEASON !

Reported by Duane Lanterman

After the driest Oct.-March in recorded Kansas history and one punctuated by the famous Kansas winds, the weather for our April launch cooperated. Well, kind of. As we arose the morning of April 7th a light dusting of snow had fallen overnight. The thermometer read a bone chilling 17 degrees, but the day held promise of light winds and low 40's in the afternoon.

As we gathered at the fair grounds parking lot shortly after 11am the breeze had a distinct bite to it. We decided to escape to the warmth of the nearby Ken's pizza, down some food and return to the hopefully warmer field around 1pm.

Caravaning back to the field. the light snow had mostly melted and the sun was beginning to do its thing. We set up shop using a launch system recently built and designed by President Keith Ravenstein. (more on this in an accompanying article this issue)

Flying for the first time as KOSMONaut's *but by no means novices to the sport* were Bradly Smith and Bill Lindsay. A total of 22 flights were made and it was just a laid back afternoon of black powder and model rockets. It was good to be out launching rockets again !



Illustration 1: L to R: Bill Lindsay, Duane Lanterman, Fred Smith, Keith Ravenstein, Brad Smith, Ron Snow, Steve Saner.

APRIL SPORT LAUNCH – CONTINUED



Illustration 1: Nothing says Model Rocketry more than a Estes Maxi-Alpha. Ron Snow, owner.



Illustration 2: A Colorful rack of rockets. Steve's K-State Big Bertha and Duane and Bill's Mega Mosquito's.



Illustration 4: Old school rocketry ! Fun !!



Illustration 3: Brad Smith is back in the hobby and launching with us for the first time. He's racking up an Astron Sprint XL with video camera.

“PAYING IT FORWARD”

DENNIS ELDER RECEIVES KOSMO TRAVELING TROPHY

KOSMONaut Dennis Elder received the KOSMO Traveling Trophy at his home this past March. The trophy has been given out numerous times over the past 25 years or so to a member for outstanding contribution to our club or hobby. The recipient is decided upon at our annual business meeting in January. This year the award was given to Dennis Elder of Bison, Ks. Dennis has spent countless hours helping the youth of Rush County



Kansas with their 4H rockets and projects, building rockets and building character into the youth he has encountered. Dennis has an enthusiasm for his loves, those being model rocketry, railroading, and his family. This past September as he returned from a rocket launch in Argonia he suffered a serious stroke in route home. Dennis spent time in several hospitals and facilities before retuning home this past January. His wife Edith is dedicated to helping his recovery and making their home more accessible for Dennis. He has been receiving in home therapy and is slowing making positive progress. Congratulations Dennis on receiving this award ! It is well deserved.

“PAYING IT FORWARD”

**KOSMO RESPONDS TO
REQUEST FROM TEACHER**

Our club received an email from an intensive English instructor for 5th and 6th grade kids at an elementary school in Arkansas City, Ks. He has 12 students and said he would like for them

to build and fly a model rocket in preparation for a field trip to the Kansas Cosmosphere. He asked for safety information he could give to administrators and asked if anyone would have rockets and other needed equipment. He said he had no budget and the kids in question have little means.

Having received this email, Steve Saner sent out an email to the general KOSMO membership. The response was an overwhelming YES we will help. We were able to send Matt the instructor 12 E2X kits and 24 motors. A number of our members are planning on making the trip to Ark City to help them with the launch sometime in May. Matt replied to the shipment to his school. “I do not know how to express my thanks to you for your help with this !! The kids will be beyond ecstatic ! Again, thank you so much ! I am happy there are people like you, and the KOSMO group, that are willing to help out when asked.”

“PAYING IT FORWARD”

USD 259 GOOD APPLE AWARD

KOSMO Vice President Bill Lindsey and his teammate Steve Hamous received the Good Apple Award April 16 from USD 259 in Wichita, Ks. Bill has worked with the Truesdell Middle School and their rocketry club and TARC team. This year the TARC team missed the cut off by .5 point, finishing in the top 115.. The kids made a video saying , “Thank you Mr. Bill. You took over TARC when you didn't have to, you believed in us, and gave us courage. We have had great times with everyone. Thanks so much !” note: Bill took over the program after the previous mentor to the kids had to take early retirement due to health issues.

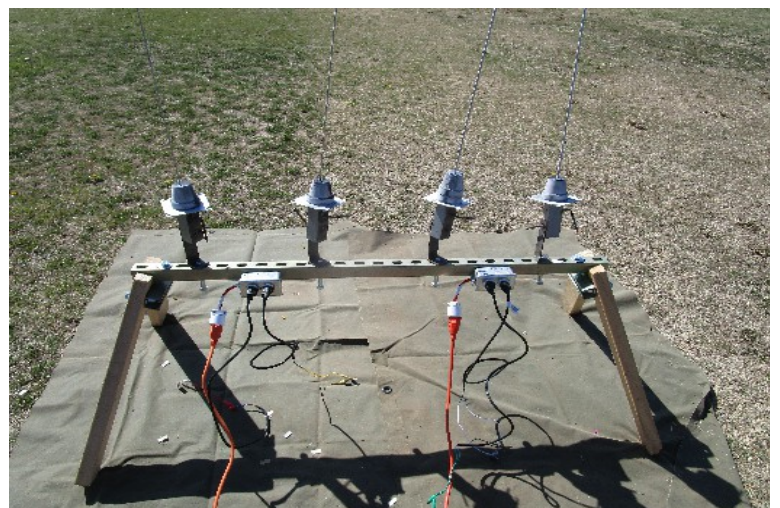


Illustration 1: L to R: Bill Lindsey, Steve Hamous

“PAY IT FORWARD”

KOSMO DONATES SUPPORT EQUIPMENT TO ORGANIZATIONS

In the past our club has taken advantage of NAR's Safety Grants purchasing such items as pressurized water bottles, tarps for use under pads, a banner to advertise our club, 4' stainless steel launch rods, a launch rail, and a water pump for the back of a pickup for fire containment among other things. This year our request was for funds to build launch systems for two youth groups. We were looking to build and donate a reliable , safe launch system and a rack style launch pad. The design was built and conceived by KOSMO President Keith Ravenstein. Presently the one system is in the hands of Bill Lindsey and will be used with EAA Chapter 88's Young Builders program and their Model Rocketry Day Camps. The second system will be going to the Rush County 4H group in Bison, Ks. The recipients have been excited to hear of the gift of durable and easy to use equipment which will make their launch days much more fun ! Thank you NAR for making this money available to our Section.



IT'S JUST AROUND THE CORNER !!

38th KANSAS AERO MODELERS OPEN (KRAMO)

AN OFFICIAL NATIONAL ROCKETRY COMPETITION (NRC) SANCTIONED EVENT

JUNE 2 AND 3 2018

KANSAS STATE FAIR GROUNDS PARKING LOT

HUTCHINSON, KS.

SATURDAY 10AM-5PM

SUNDAY 9AM-3PM

COMPETITION IS OPEN TO ALL MODELERS
RULES ARE THOSE OF THE NAR FOR EACH COMPETITIVE EVENT
ALL NRC SANCTIONED EVENTS MAY BE FLOWN

COMPETITIVE EVENTS -

OPEN SPOT LANDING

“C” EGGLOFT DURATION

“A” STREAMER DURATION (NRC SANCTIONED EVENT)

“A” HELICOPTER DURATION (NRC SANCTIONED EVENT)

“1/2A” PARACHUTE DURATION (NRC SANCTIONED EVENT)

“1/2A” BOOST GLIDE DURATION (NRC SANCTIONED EVENT)

RIBBONS TO FIRST THREE PLACES IN EACH EVENT AND OVERALL WINNERS
OVERALL WINNER TAKES HOME THE **RON SHIPLEY MEMORIAL TROPHY** FOR A YEAR
“SUBWAY” GIFT CARDS FOR FIRST IN EACH EVENT AND OVERALL WINNER

ENTRY FEE ADULTS \$7 YOUTH \$5 SPORT FLYERS \$1

+++++



check out our club's website www.kosmo427.org

Long time
reader of “The
KOSMONaut”
Joe Peklicz of
Martins Ferry,
Oh. built this
Falcon Heavy
four years ago
from scratch.
Great job Joe !
We agree, it's
good to see
big rockets
flying again !!



Illustration 1: The actual Falcon Heavy on its maiden flight !

KOSMO 2018 LAUNCH CALENDAR

MAY 5 – SPORT LAUNCH – KANSAS ST. FAIR GROUNDS PARKING LOT – HUTCHINSON, KS. 9AM-4PM MODEL/MID POWER ROCKETS

JUNE 2 AND 3 – 38TH ANNUAL “KANSAS ROCKET AERO MODELERS OPEN” - STATE FAIR GROUNDS PARKING LOT – SATURDAY 10AM-5PM
SUNDAY 9AM-3PM (SEE PAGE 5 OF THIS ISSUE FOR EVENTS)

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

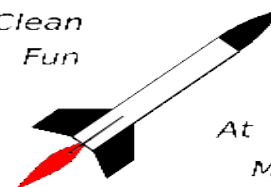
NOVEMBER 10- NIGHTFLIGHT – KANSAS STATE FAIR GROUNDS – HUTCHINSON, KS. 3PM-7PM MODEL/MID POWER ROCKETS AND “LIGHTED ROCKETS” AFTER SUNSET

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SPECIAL INSIDE THIS ISSUE : "PAYING IT FORWARD" !

KOSMO

*Good Clean
Fun*



*At
Mach One*

Kansas Organization for Spacemodeling
Estd. 1980