



the KOSMONAUT

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ROCKETS FLY AT HUTCH LOW/MID POWER FIELD

After a week where “feel like: temps easily hit 105 or more Saturday Aug. 14 dawned cooler and the winds for Kansas were down right calm. We had scheduled the August launch for early morning and afternoon back at our annual meeting in January and that still was a wise choice. Bill Lindsay brought along some of his “fly it take it” rockets that he has been regularly dispensing this year and KOSMO member Jeremy Lepel’s two grandkids took advantage of it. Thanks Bill for your generous use of your time. Zach Twigg had a good shake down of his new chute release launching his scratch built *Bumble Bee* on a G78, G79, and another G78 with flights landing close to the launching pads. Duane Lanterman had several nice flights including one model inspired by the Sport Rocketry article “Reuse, Rebuild, and Refly.” Fred Smith launched a number of his models from his tower and experienced some shock cord failures that we will go back and evaluate. Jeremy Twigg had some nice flights including the models he launched at NARAM 62. (see his article this issue) Bill Lindsay drag raced Duane Lanterman with their Mega Mosquito’s, flew his always fun to watch 2-stage spool and put up one of the 1” diameter LOC Magnum kits on a D16 which we really didn’t see at all until it was found downfield by KOSMO president Keith Ravenstein. Keith ran the range during the day and updated us on several of his projects including a model destined for over 20,000 feet. Steve Saner didn’t fly any models but spent time engaging in discussion on various projects and ideas and in general just visiting and having a good time. This was our first launch since John Palmer had moved to the Dallas area. It was his tradition to launch the first rocket at almost every KOSMO launch he attended and was certainly missed. We know John will find a good group in his area but we look forward to anytime he can get back with us also. We were pleased to see Kirk Zongker at the field. Kirk hasn’t been to a launch for a number of years and his story is featured on page 3 of this newsletter. Please read it and the compelling request that he and his wife are making.





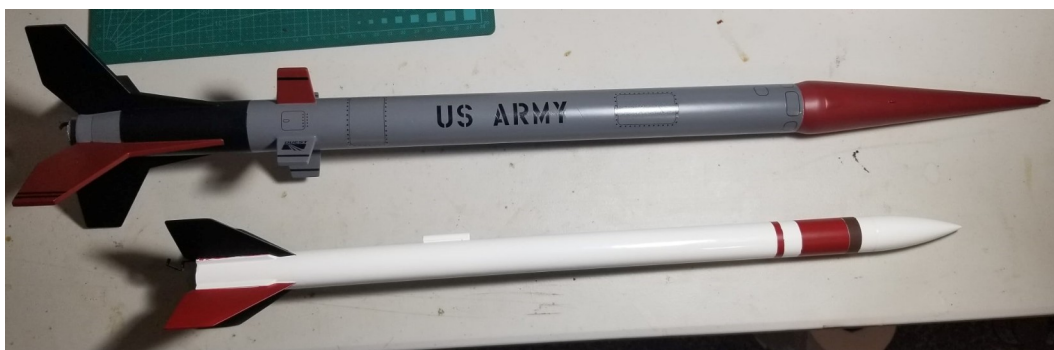
Jeremy with granddaughter Cora and “fly it take it” model



Keep your eye on the rocket !



Duane's “Rebuild Refly” Rocket



Jeremy flew his Quest Striker AGM and scratch built D Region Tomahawk



Zach's scratch built Bumble Bee on a G with chute release



Bring the Off ! Mosquito's on the field !

MORE HUTCH AUGUST LAUNCH PHOTOS

YOU MAY BE ABLE TO CHANGE KIRK'S LIFE

We received this email from Kirk and Kathy Zongker recently. Kirk and his family have been active in KOSMO for sometime and also 4H rocketry. The contents of this letter has been shared on our clubs email list and Facebook page and also the NAR's Facebook page. We reprint it here in hopes that it will reach someone who is able to help Kirk with his serious health issues.

As many of you know, Kirk was diagnosed with end stage liver disease almost 5 years ago. According to his physicians at Mayo Clinic he needs a liver transplant. The priority for livers is highest for the sickest patients. His best chance to get a liver transplant is to receive a liver from a living donor. This is possible because a healthy person can donate a portion of their liver with the liver growing back in the donor and the part that is donated growing to the size needed for Kirk.

The donor evaluation process takes several steps beginning with a questionnaire online or over the phone. Potential donors need to be 21-59 years of age and generally in good health. There are several subsets of blood types that would be compatible and that is best discussed with the transplant team. . Potential donors can go to LivingDonorOrganTP@mayo.edu or call 866-227-1569 to complete screening questions.

We have struggled with making this request, however, it has become clear to us that this is the only avenue for improved health and life for us.

Thank you for your consideration and blessings to you.
Kirk and Kathy Zongker





NOTES FROM THE EDITOR

Let's face it 2020 and 2021 have been difficult years for lots of reasons. In the face of all that's gone on our KOSMO launch schedule has really gone on pretty well. In 2020 we lost three long time members to illness, Ron Snow, Dennis Elder and Joe Warnock. This year we've had some members experiencing some illness with Vice President Bill Lindsay fighting colon cancer, Treasurer Sharon Lanterman suffering a heart attack, and Kirk Zongker continuing to deal with serious liver issues. Others have had family members with health issues. If I left you out sorry I certainly didn't mean to. "Mr. Scale" John Palmer has moved on us again and is now in the Dallas area. We are going to have to designate someone in the club to be the first one to launch a rocket at our meets as that job always fell to John. We have gained some new members this year and that is SO encouraging. We are heading into our last three months of our launch calendar and have two high power launches scheduled and our November launch at our low/mid power field that will include night launching. If you haven't tired that you might start building a model. I know I am always surprised how bright my project is in the shop and how dim it can look at altitude. We will be in a slightly different spot out at the Lanterman Family Farm in Sept. and Oct. so check out the Launch Calendar on the last page for some simple directions. I hope this finds you all doing the very best you can in these challenging times and have been inspired to build or try something new. ----- Blasting off for now ! Duane Lanterman editor

BARTON COUNTY FAIR PHOTOS

The Wyant family (KOSMO members) were heavily involved in the Barton County Fair this July and here are several pictures of rockets and legos that included their entries. In particular is the very neat upscale of the Estes High Flier done by Jayla. I know DJ built the Lego Apollo lander and Kiera had a model rocket on display also. Unfortunately the fair has not had a time set aside for the launching of model rockets for a quite a number of years and hopefully someday in the future this can again become a part of the fair.



Memories from NARAM 62

Jeremy Lepel

One of our newest members is Jeremy Lepel who moved to Kansas with his family in 2019. He has been a member of MARS since 2017 and is now also a KOSMOnaut. He was the lone member of our group to attend NARAM 62 and it was a homecoming of sorts for him since the event was co-hosted by MARS and SRC. It was a very successful event and your editor asked him to write a short memo on his memories.

I'm back from NARAM and it was a hoot. Saw more launches than I can even remember. I did 2 events in competition (turns out they really like when you do scale models competitively, no matter how low you score), and forgot to take any pictures but my wife took some that you see here.

I opened the vintage blast off flight pack of engines I brought along with me with some knowledgeable rocketeers around who helped me decode the dates on the engines. They had a "Y" code, 25 years from 1970 made them 1995 engines. Both B6-4's launched with starters from the box.

I got to meet Peter Alway and bought one of his books (Selected USAF Missiles from the Cold War) and he liked my D-Region Tomahawk. He encouraged me to compete with it, which is how I went from intending to only compete in 1/2A Streamer to competing in 1/2A Parachute duration as well. The Tomahawk flew great on its maiden (sport) flight with the B6-4 but only got about 20' up on a 1/2A6-2. It qualified though! My second 1/2A Parachute flight was done with an Estes Nike-Apache, to about 25'. I got 4 seconds and 5 seconds respectively, but huge smiles from everyone watching.

My Quest Striker-AGM had one flight and a B6-4 is definitely not enough (too much paint). True to the reputation the online comments have imputed on this rocket, one of the fins broke away from the plastic boattail on landing. Will need to epoxy them down as they pop off.

It was a very memorable event and my wife especially liked watching the big projects and big motors take off from their pads.



Me on the competition range (center of photo)

Yup these are the rockets my wife loved.



WICHITA AREA TARC TEAM PRESENTS SPECIAL AWARD TO MAJOR SPONSOR

The Wichita Area TARC Team qualified as one of the top 100 teams in this years American Rocketry Challenge. The team included Austin Leiker-Walter, William Carmichael, Kaden Eskins, and Jaden Billings, Ka'lon Kirk, Maddie Leiker-Walter, and Keedon Kirk . The team coach was Bill Lindsay. The team received a major financial gift from a local Wichita business DONDLINGER CONSTRUCTION. In appreciation of this big boost in the teams budget upon returning home from Pueblo Colorado the team constructed a special autographed TARC rocket mounted on a beautiful base and an appropriate plaque thanking *Dondlinger Construction* for their contribution. Some of the team members along with Bill Lindsay and Steve Hamous presented the “award” to Mr. Dodlinger at his office. The presentation went very well and the model is displayed in their front offices.

The Wichita Area TARC team would like to *thank these additional sponsors*

KOSMO #427
STEVE HAMOUS
STEVE SANER
JOHN PALMER
MARK LOGAN
BRAD SMITH
ROBIN SMITH
TINA LINDSAY

AND A BIG THANK YOU TO – SCIENCE EDUCATION CENTER - WICHITA

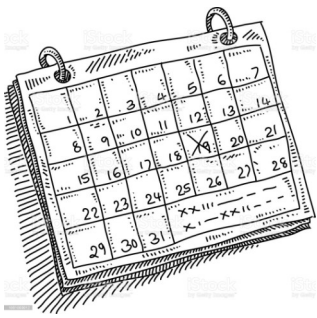
ESTES ROCKETS for the use of their launch site for practice flights

APOGEE COMPONENTS

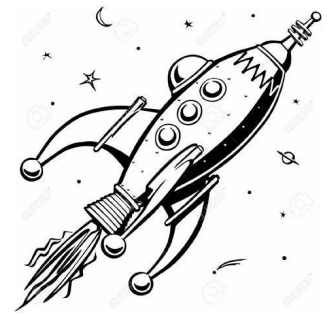
SCORE in Pueblo Co for the fantastic job of hosting the nationals in our area

FINALLY, ALL OF YOU THAT PURCHASED FUNDRAISING ITEMS





2020 KOSMO LAUNCH CALENDAR



FINAL FRONTIER FUN FLY – SEPTEMBER 11- ELLINWOOD - LANTERMAN FAMILY FARM – 10,000’ WAIVER – 10AM-5PM. Free Casey’s pizza for all in attendance for lunch, bring your own drinks. To get to the launch site from Highway 56 go north on NE 80 Ave outside of Ellinwood and then turn East onto NE 20 Rd. (the intersection of the substation) and then proceed approximately one half mile. Alternate weather dates SEPT. 18 AND 25.

ROCKET’TOBER – OCTOBER 9- ELLINWOOD - LANTERMAN FAMILY FARM- WAIVER TO 10,000’ -10AM-5PM Alternate weather date is Oct. 23

NIGHTFLIGHT – NOVEMBER 13 – HUTCHINSON- STATE FAIR PARKING LOT – 2PM WITH NIGHT LAUNCH AT SUNSET.

Launches are always subject to change, particularly from weather issues. Latest info can be found at our clubs website, facebook page, and email list.

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