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THE KANSAS ORGANIZATION FOR SPACEMODELING

the **KOSMONAUT**

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CELEBRATING 40 YEARS



**REFLECTIONS ON 40 YEARS
OF KANSAS ROCKETRY**

PART 2

MARK JOHNSON NAR 14025 L1

KOSMO CHARTER MEMBER – CURRENT HISORIAN

Lost In Space announcer voice: Last time, you will recall, I promised to tell the story of the KOSMO logo that graces our newsletter, T-shirts, caps, and other things.

The story begins with KRAMO-2. Fellow charter member Joe Warnock came to the event with a bag-full of buttons he had just gotten made, which looked like this:



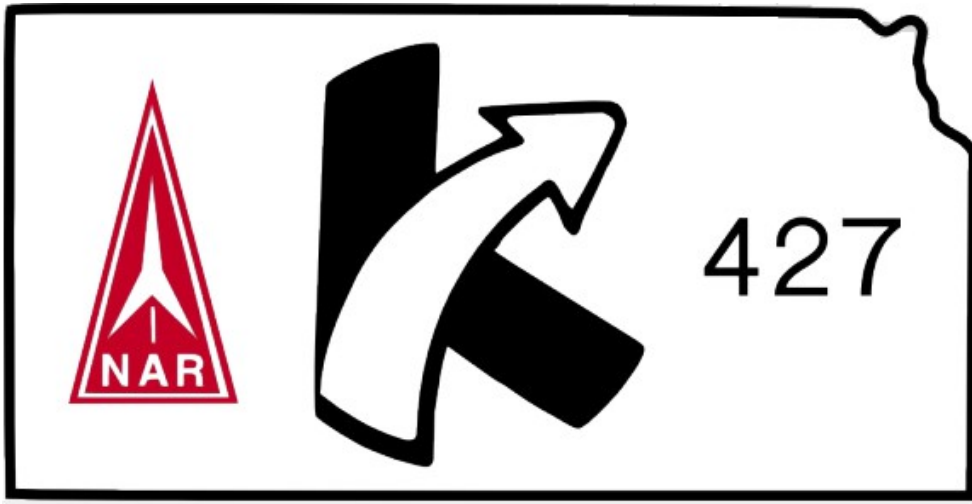
This one happens to be from a little bit later – for several years, Joe brought buttons to KRAMO and we added the year in Roman numerals as you see here, from KRAMO-6. Joe and Peg also made a club flag with the K logo on a blue background in red, with the upswept arrow in yellow. I still have the flag.

Not too long after that, we needed a logo for the newsletter, as we became more “sophisticated” and I stopped doing the newsletter layout on a line printer at work. Ever resourceful, I used my first-grade skills and copied an outline of the state of Kansas from the “48 states” map in a large-format Rand McNally Road Atlas. Then, I made a copy of the button, without the circle, and scaled it to fit inside my outline.

To get the number in a nice format, since I did not, at that time, have a high-quality laser printer, I asked a co-worker who was a draftsman to render the numbers with his Leroy lettering stencils. [Old-timers will recall that Harry Stine’s drawings in the Handbook of Model Rocketry were always incredibly neatly lettered and numbered using a Leroy system, which was the 'gold standard' back in the days
(continued next page)]

(continued from front page)

when engineering drawings were done with pen and ink on big sheets of paper.} The final touch was a trip to the copier to get the NAR logo, scaled to fit the space on the left. The result is the familiar logo you see here:



So, the whole project involved two KOSMO members, a professional draftsman, a button manufacturer, a copy machine, and a lot of cutting and pasting. No doubt the “original” paste-up logo is on the first KOSMONAUT master in our club archive files, but for the life of me I can’t remember exactly when I did it. Today, it would be a simple job to create such a logo in any of a dozen different graphics programs – and the NAR even has a repository of logos available to section members online!

More memories: In the early days, we had an ice cream social on Saturday night during KRAMO. This continued until we moved KRAMO from the Johnson back yard to Lake Afton Park for KRAMO-9. We made home-made ice cream, and drafted contestants to help crank the freezer – none of this electric stuff, hand-cranked ice cream is better! From KRAMO-2 onward, we were at least able to do the heavy cranking in the basement, where it was somewhat cooler. We never knew what kind of weather we might get for KRAMO – one memorable year, I think KRAMO-4, it was 100 degrees on Saturday with some really heavy thunderstorms after we shut down for the day. A cold front went through overnight, and Sunday morning dawned cool, calm, and clear, at about 60 degrees – and some great flights...Mike Mitchell thermalled away a 1/2A Parachute Model – we lost sight of it at over 10 minutes, on its way toward McConnell AFB to the west. With the ‘return one flight’ rule at the time, he put up a clunky model on a 9” chute for 5 seconds, to take the win with a total well over 600 seconds.

Next time: More memories.

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WE HAVEN'T BEEN SITTING AROUND ALL WINTER photos of some KOSMONauts recent builds



Jayla Wyant with her KOSMO club rocket ver. 2 getting ready for her Jr. Level 1. Looks like a yellow, red, and orange paint job is in its future.



DJ Wyant with an Estes Baby Bertha and Olympus.



Kiera Wyant with her Baby Bertha



Dustin Wyant with his MadCow Torrent. It will have sticker shock graphics, electronics for locating and dual deploy.

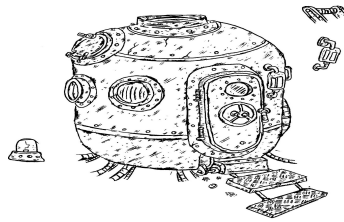


John Palmer built this beautiful CrossFire to give away at our Apollo 13 50th Anniversary Launch which has been postponed.

Hey, the Wyant family is dominating this page. Good thing we got John Palmer's model to fit in. More KOSMONaut winter builds on page 5.

TIME MACHINE PHOTOS -

PICTURES FROM KRAMO'S PAST (mid to late '1980's)
PUBLISHED TO EMBARRASS THOSE WHO APPEAR



Mark Johnson one of the original 6 charter members in 1980.



Bonnie Johnson also a charter member holding a very young James Johnson. The Mouse ears are on Bonnie's blouse not James.



Steve Hamous on left, Joe Warnock on right. Joe was a charter member, Steve joined in May 1981.



Yup, that's Bob Wingate. Bob and family were regular competitors at KRAMO coming from the KCAR section. Bob is now a KOSMO member.



Stew McNabb, long time NAR treasurer and board member, with his wife competing at an early KRAMO.



Peggy Warnock, charter member, with hubby Joe getting ready for "The Friendly Rocket Meet"

From the editors desk: This issue has been a joy to produce. Seeing members new projects, reading Mark's interesting story of the club logo, and reflecting back with the Time Machine page. Makes me realize how much I miss seeing all of you. This Corona virus has put a hold on just about everything it seems. Like you, I'm spending a lot of time at home and trying to keep myself and others safe. Someone joked the most useless gift you could have gotten in January is a 2020 Planner ! I do know this has given us all a 'pause' in our busy schedules and I hope we have taken sometime to just relax and reflect. Since no one knows when this will finally pass there is some uncertainty when we will have the opportunity to get together. When we do it will seem extra special. Keep safe. Duane Lanterman



WE HAVEN'T BEEN SITTING AROUND ALL WINTER

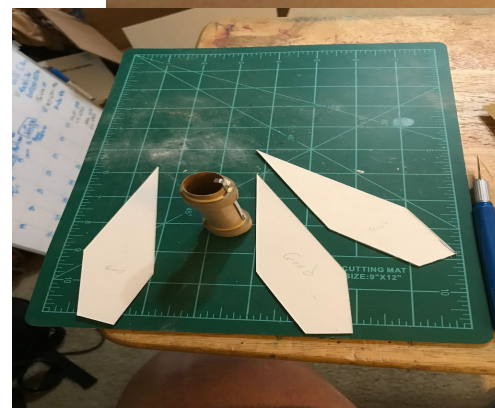
more KOSMO[®]naut projects



Duane Lanterman's Eagle 428 underwent some modifications over the winter. Originally built in 2008 it features interchangeable motor mounts for a single 38, (3) 29's or (4) 29mm engines. Grandkids not included.



The workbenches are busy in Nebraska too as **Bob Flagle** sent this photo of his winter projects, an ARS Crazy 8XL, Mini Honest John, Semroc Thunderchief, and an Estes Majestic.



Bill Lindsay's main project this year is himself as he had extensive surgery with a time line of 10-12 months for recovery. In the meantime he is building some fly it/take it models to help draw kids to launches. He has 24 kits and motors donated by Pitsco Ed, LOC Precision donated thrust rings and Bill and his wife Tina will donate the paint and container to store them in. Thanks Bill. Hope this helps keep your mind off the pain and we know the kids will appreciate these in future. You can visit will Bill @ 316-880-5988.



Not only has **John Palmer** built a rocket, he has actually launched a rocket this year. Here shown practicing proper social distancing, he prepares to launch a Falcon Heavy. A typical Kansas castle in the background !

2020 LAUNCH CALENDAR

SUBJECT TO CHANGE DEPENDING ON
PROGRESS DEFEATING THE CORONA VIRUS
LATEST UPDATES ON OUR CLUB'S EMAIL LIST,
WEBSITE AND FACEBOOK PAGE



JUNE 13-14 KRAMO 40 – HUTCHINSON, KS. STATE FAIR PARKING LOT -
SATURDAY 2PM TO DARK SUNDAY 8AM-1PM – Sport Flying both days and night
launching Saturday after dark.

CONTEST EVENTS: 1/2A BOOST GLIDE DURATION (an NRC event)
1/2A STREAMER DURATION (an NRC event)
1/2A HELICOPTER DURATION (an NRC event)
1/2A PARACHUTE DURATION (an NRC event)
OPEN SPOT LANDING
“B” EGGLOFT DURATION

Note: the other NRC events, 1/2A ALTITUDE and “B” PAYLOAD DURATION may be flown at KRAMO but contestants must bring their own approved altimeter or payload to the event. Included with your entry fee is Pizza on the field Saturday evening and a 40th Anniversary KOSMO cake for all to enjoy! Adults \$7, Youth \$5, Family \$15 Sport Flyers \$1
As we go to press we are considering including our postponed Apollo 13 50th Anniversary Celebration into the KRAMO event. There is the possibility that we may start this portion of the event Saturday morning so again check our online sources for updates.

JULY 11- BARTON COUNTY FAIR LAUNCH – Great Bend, Ks. - We plan on assisting the 4H'ers with their launch that afternoon. More info as we get closer this date.

JULY ? - RUSH COUNTY FAIR LAUNCH – Bison, Ks. We plan on assisting the 4H'ers with their morning launch. KOSMONauts may bring sport models to launch at the conclusion of the fair launches.

AUGUST 15- KOSMO SPORT LAUNCH – Hutchinson, Ks. State Fair Grounds Parking
Lot 9am-4pm

SEPTEMBER 12 – FINAL FRONTIER FUN FLY – Ellinwood, Ks. - Lanterman Family
Farm – 10am-5pm - BBQ @ noon. 10,000' FAA Waiver – *Alternate weather date September 19*

OCTOBER 3 – ROCKET-TOBER – Ellinwood, Ks. - Lanterman Family Farm – 10am-5pm
10,000' FAA Waiver – Bring your own lunch – *Alternate weather date October 10*

NOVEMBER 14 – KOSMO SPORT LAUNCH – Hutchinson, Ks. State Fair Grounds
Parking Lot – NOON to 4PM . If weather is not cooperative we will meet shortly after noon at a local eating establishment for lunch and trade stories about our hobby.

January 9 2021- ANNUAL BUSINESS MEETING - Hamous residence in Wichita