



the KOSMONAUT

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ANNUAL MEETING TAKES PLACE VIA ZOOM

BY DUANE LANTERMAN

For the first time in its now 41st year the annual meeting of KOSMO took place via the internet and the ZOOM meeting service. Since the pandemic still continues to rage across the country this seemed to be the appropriate way to gather. We had an excellent turnout with 19 individuals from Kansas, Missouri, and Nebraska in attendance.

The current officers were reaffirmed for another year, Keith Ravenstein President, Bill Lindsay VP, Sharon Lanterman Treasurer, Duane Lanterman Secretary, Steve Saner Contest Director, Sr. Advisor, and Webmaster, and Mark Johnson Historian.

The previous years minutes were read by Duane and Sharon gave the treasurer's report showing a final balance of \$1112.97 in checking and \$50 in petty cash. \$150 of that is earmarked for a future PA system.

We have had a history of encouraging one younger member each year who are passionate about the hobby by giving them a NAR membership. If that junior member is interested in pursuing a Jr. Level 1 certification the club also presents them with a club rocket appropriate for that and also purchases them an "H" motor. This years excited recipient was RT Clark of Jetmore.

It rarely happens that the recipient of the club rocket does not follow through to completion, but a number of years ago we had presented one to a member who lost interest. That model was presented this year to Madeline Leiker-Walter of Wichita. She is very active with the TARC program and wants to peruse her Jr. Level 1 also. So congratulations to these two young rocketeers.

As we discussed needed support equipment it was suggested we could use a commercial quality pop-up with sides that would belong to the club. Also one of our members has offered the use of his drone but additional batteries would be needed to insure its use during a launch day and our fire fighting equipment needs some maintenance. It was moved that we seek \$250 from the grant program of the NAR in order to make these purchases.

There had been some interest in making additional KOSMO shirts available this year. Duane Lanterman will make an order blank for club shirts available on line with an order date around the middle of February.

Keith Ravenstein mentioned that his work on a wireless launch system is progressing and that it may soon see its debut at one of our launches.

The KOSMO Traveling Trophy for 2021 will be presented to Bill Lindsay for his work with the TARC program. In 2020 the Trophy was updated with a plaque in memory of members Ron Snow, Dennis Elder, and Joe Warnock all of whom passed away during the year. A letter was read from Peggy Warnock thanking those who had posted comments on the funeral home page and for the tribute article that appeared in the Nov/Dec. Issue of "the KOSMONaut."

Keith Ravenstein was asked about the progress of acquiring a PA system for the club. He would like to have a system that runs on 12 volts and would support 3 speakers. He is still researching what is available and is hopeful he will find an appropriate system.

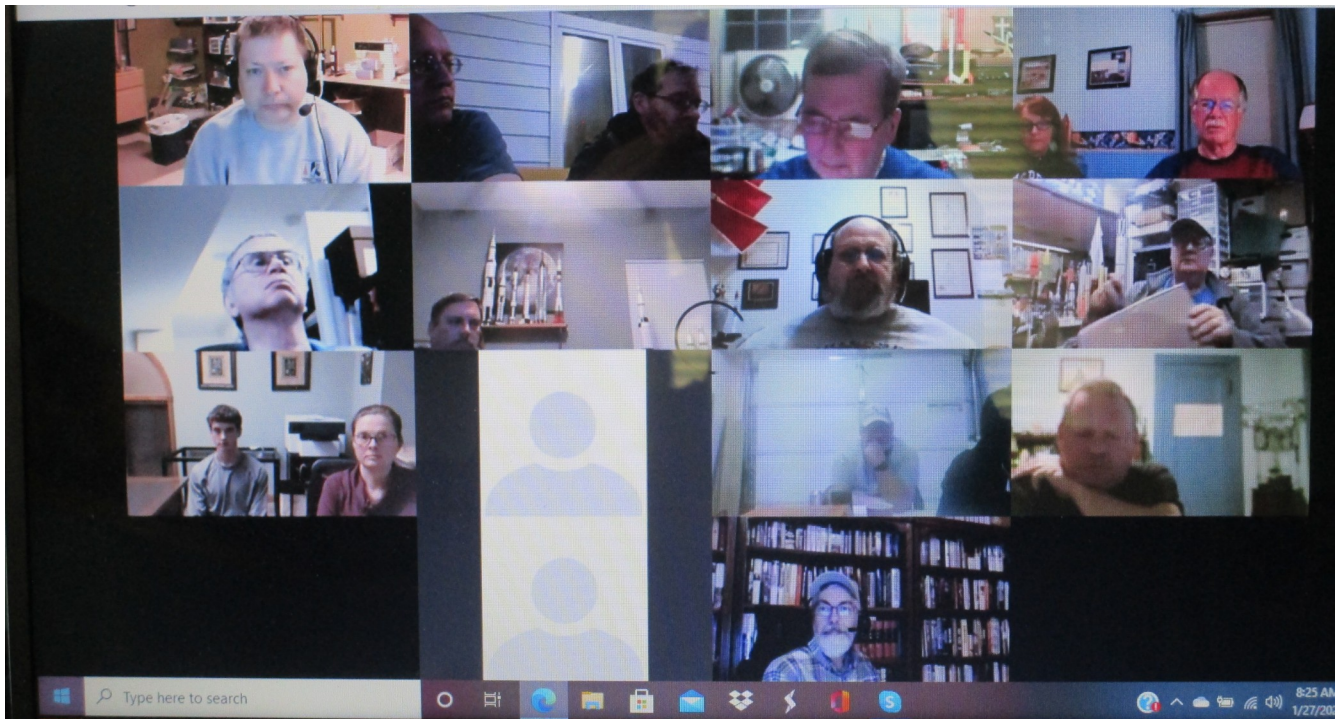
As our club's competitive contest KRAMO reaches its 41st anniversary this year, we picked the events for this years edition. We went with all the same events we used in 2020 with one exception, replacing 1/2A Streamer Duration with 1/2A Super Rock. Since most of the events are ½ events it was decided to have the club purchase a box of 1/2A 3=2T's and a box of 1/2A3-4T's that will be made available for purchase on the field the weekend of the event. The full list of events can be found on a separate page in this newsletter.

Next on the agenda was the setting of the 2021 launch calendar. Hopefully we picked days that are calm, dry and clear. You can check out the calendar on a separate page in this newsletter.

We had a guest on the zoom session, a long time flier Mike Stewart from the KC area. He made the decision to join our club. We look forward to seeing you Mike at some of this years launches and gladly welcome you to our group.

The session ended with our traditional "show and tell" of winter projects. There were more projects than last year and a wide variety. We won't cover them all but here are some. Bill Lindsay had his recently finished Candy Cane model sporting a unique nose cone, Mark Johnson and Bob Wingate had models from Dare to Be Square. Steve Saner had his Lego Apollo 11 rocket and Duane Lanterman had his Mars Research Shuttle also from Lego, John Palmer had his scratch built Mercury Atlas Wally Schhirra version, Steve Hamous bought several models from ebay including a Fireball XL5, Ka'lon Kirk displayed his TARC rocket he is working on, and Bob Flagle showed his clone of the old Estes Rocket Club "Firecat" he is building.

With the clock now approaching 9pm, the session ended and there were high hopes for a good flying season ahead.



KRAMO 41 COMING THIS JUNE

COMPETITION EVENTS INCLUDE -

1/2A Boost Glide Duration

1/2A Superroc Duration

1/2A Streamer Duration

1/2A Helicopter Duration

Open Spot Landing

“B” Eggloft Duration

KRAMO is scheduled for June 12-13

1/2A 3-2T and 1/2A 3-4T engines will be for sale at the event.

Start building now for an opportunity to be the Overall Champ.

Members Builds



Bill Lindsay's small but interesting BULLET BOBBY is from a new company called Launch Lab Rocketry.

On the right is John Palmer's scratch build Mercury Atlas.



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WICHITA AREA TARC TEAM TACKLES CHALLENGE

by Bill Lindsay

The Wichita Area TARC Team is making progress even though we are about 3 months behind. We have a total of 5 kids on this years team, Kaden Eskins (Captain), Austin Leiker-Walter (Assistant Captain), Ka'lon Kirk, Maddie Leiker-Walter, William Carmichael our lone 7th grader.

We currently have 6 different rocket designs in the works.

The kids are super excited and looking forward to hopefully returning to Washington DC in May. We also have a fundraiser going to raise \$21,000 to finishing purchasing materials, motors, and the trip to Washington DC. Visit our Facebook page Wichita Area Team America Rocketry Challenge Team.

The following makes up our Board of Directors -

Bill Lindsay President/Coach

Bradley Lawrence Smith VP

Mark Logan Treasurer

Tamera Eskins Parent

John Palmer Technical

Steve Hamous Technical

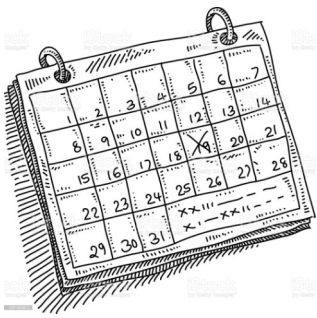
Please feel free to contact any of the members with any questions.

The following is a link to our fundraiser

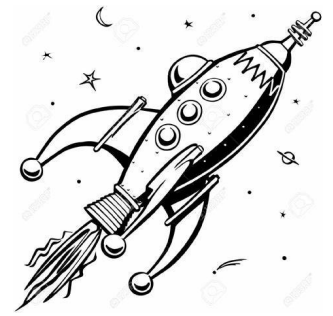
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THE AMERICAN ROCKETRY CHALLENGE



2020 KOSMO LAUNCH CALENDAR



**SPRINGFEST – MARCH 13- 10AM-4PM -ELLINWOOD -
LANTERMAN FAMILY FARM – WAIVER TO 10,000 FT.
Alternate weather dates March 27 and April 10**

**SPORT LAUNCH – APRIL 10 – HUTCHINSON – STATE FAIR
GROUNDS PARKING LOT – 9AM-4PM. Back up date April 24.
Note that if Springfest has to use the April 10 date, April 24 will
become the primary date for Hutch's Sport Launch.**

**SPORT LAUNCH – May 22 – HUTCHINSON – STATE FAIR
GROUNDS PARKING LOT – 9AM-4PM. Even if weather if not
acceptable for launching we will meet at 9AM on this date to
discuss upcoming NSL and KRAMO 41.**

**KRAMO 41 – JUNE 12-13 – HUTCHINSON- STATE FAIR GROUNDS
PARKING LOT – Two day contest and sport flying. Saturday
10am-5pm, Sunday begins at 9AM until app. 3PM.**

JULY - Perhaps 4H launches. This depends on numerous factors.

**SPORT LAUNCH – AUGUST 14 – HUTCHINSON – STATE FAIR
PARKING LOT – 9AM UNTIL EARLY AFTERNOON**

**FINAL FRONTIER FUN FLY – SEPTEMBER 11- ELLINWOOD -
LANTERMAN FAMILY FARM – 10,000' WAIVER – BBQ @ NOON.
10AM-5PM. 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. Latest info can be found at our clubs website,
facebook page, and email list.**