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THE KANSAS ORGANIZATION FOR SPACEMODELING**



the *KOSMONAUT*

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Annual Meeting Ushers in the New Year

Duane Lanterman and Steve Saner

dateline- Andover, Ks. Jan. 6, 2018

President Keith Ravenstein called the KOSMO annual meeting to order at the home of Steve and Peri Saner after we had consumed some delicious pizza. In attendance were Evan Beckman, Bill and Tina Lindsay, Kirk Zongker, Steve and Peri Saner, Keith and Monica Ravenstein, Fred Smith, Duane and Sharon Lanterman . The minutes from last year's meeting were read and approved. Sharon Lanterman gave the treasurer's report which after various expenses and incomes showed a gain of \$55.58 over last year's ending balance. During the year the checking account was moved to the Farmer's State Bank and Trust after the previous institution informed us of a \$10 a month charge to maintain the account. The officers from 2017 were re-elected with the exception of Vice President. John Palmer who had faithfully filled that position for sometime has moved to Joplin, Mo. New member Bill Lindsay of Wichita was nominated and voted on to take that position. John Palmer will remain a member and continue communicating with the State Fair board on use of their parking lot for launches. Officers are listed below -

Keith Ravenstein – President

Bill Lindsay – V. President

Duane Lanterman – Secretary

Sharon Lanterman – Treasurer

Steve Saner – Sr. Adviser/Contest Director/Webmaster

Evan Beckman – Historian

Old business included discussing the Club Newsletter compilation DVD for the past 10 years of the newsletter. There was some discussion on the usefulness of a DVD as many computers no longer include one and the possibility of a Zip drive was also discussed. There was no firm decision of the topic and Evan Beckman will pursue this later. He did receive a large quantity of pictures from Duane Lanterman and John Palmer to be used on this potential archive.

The launch calendar was next on the agenda and you can check out this years schedule on the last page of this issue. Launches at the State Fair ground parking lot will generally run from 9am -4pm a slight change from previous years.

Events for our 38th annual contest were next on the floor and the events were set in record time. KRAMO 38 will be an NAR Rocketry Competition sanctioned event. As an NCR sanctioned event any of the 2017-18 NRC sanctioned events may be flown and results of those flights will be submitted to the NAR. The KRAMO contest will consist of a subset of the NRC events as well as two non-sanctioned events. Sport flying will be a part of the two day event. Competitive events include -

Open Spot Landing (non-NCR) "C" Eggloft Duration (non-NCR)

"A" Streamer Duration "A" Helicopter Duration "1/2A" Parachute Duration

"1/2A" Boost Glider Duration

The club is looking to sponsor a L1 candidate and Evan Beckman will be looking to see if he has someone in his group that may qualify. Evan and Bill Lindsay also expressed some interest in obtaining some of the 2017 Club Rockets for their respective groups.

**CELEBRATING
60 YEARS NAR**

Annual Meeting Continued –

The KOSMO Traveling Trophy this year will be awarded to Dennis Elder. As you may recall Dennis suffered a serious stroke while in route home from a rocket launch in Argonia, Ks. He is still proceeding slowly in his recovery. Dennis has been an enthusiastic rocketeer for many years and is most at home helping young 4H kids build and fly model rockets. This year's KOSMO trophy goes to Dennis for his many years of supporting model rocketry and youth in the Rush County area. Keep getting better Dennis !

We will be applying again for the NAR Safety Grant and Keith Ravenstein will use the funds to build a complete launch system and launch rack to be given to both the Rush County 4H'ers and the EAA 88 Chapter and their work with young rocketeers in the Wichita area.

The final item of business dealt with KOSMO dues. It was voted to raise the yearly dues to \$15 and that this fee would also include all launch fees for the year other than our yearly contest KOSMO.

The meeting adjourned at about 3:20 and we proceeded to share our Winter projects. Some of those are pictured below.



Illustration 1: Steve Saner's 2-stage HP project in progress



Illustration 2: Duane Lanterman's Mega Mosquito next to the original and Fred Smith's clear rocket



Illustration 4: Steve made these molds to produce the transition for his model



Illustration 3: Evan Beckman displays one of his Winter projects – Bill Lindsay and Fred Smith look on.

LOCAL EAA CHAPTER WINS GRANT

SOURCE: KAKE CHANNEL 10 NEWS

The local chapter of EAA (Experimental Aircraft Association) is one of 1,600 international chapters. Bill Lindsay has been a member of this group for over 15 years and is the current chapter president. The group promotes the love of flying and holds numerous public events. They also promote aviation through their Young Eagles program. Since 1992 the various chapters have given over 2 million children a ride in an airplane. The group also holds day camps that include model rocketry and gliders. Each Saturday the local group has a pancake feed and helps the kids with projects. Recently Chapter 88 received the *Wins for Kansas* award which included a \$500 grant from DeVon and James Injury Lawyers.

We are proud to say Bill became a member of KOSMO this past summer as he certified Level One. Keith Ravenstein signed off on his effort. More recently Bill became Vice President of KOSMO. Looking forward to Bill's contributions in the future.



Illustration 1: Bill Lindsay with his wife Tina holding his Level One rocket at Airfest.

NAR CELEBRATING 60 YEARS. AIMED FOR THE STARS -----AND STILL CLIMBING.

ANNOUNCING THE 38TH EDITION OF THE
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



RECENT KRAMO MEMORIES

KOSMO 2018 LAUNCH CALENDAR

MARCH 3 – SPRINGFEST – LANTERMAN FAMILY FARM – ELLINWOOD, KS.
10AM-5PM 10,000' FAA WAIVER BRING YOUR OWN LUNCH
ALTERNATE BAD WEATHER/BURN BAN DATES MARCH 10 AND 17

APRIL 7- SPORT LAUNCH- KANSAS ST. FAIR GROUNDS PARKING LOT – HUTCHINSON,
KS. 9AM-4PM -CLASS 1 ROCKETS

MAY 5 – SPORT LAUNCH – KANSAS ST. FAIR GROUNDS PARKING LOT – HUTCHINSON,
KS. 9AM-4PM CLASS 1 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 – NO OFFICIAL CLUB LAUNCH – WE MAY BE HELPING WITH RUSH CO. 4H LAUNCH
AS USUAL

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 SEPTMEBER 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 CLASS 1 ROCKETS AND “LIGHTED ROCKETS” AFTER
SUNSET

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