The official journal of the KANSAS ORGANIZATION FOR SPACEMODELING

THE KOSMONAUT



JAN/FEB 2013 VOL. 32 NO. 1



Annual Meeting Roundup
KRAMO 33 Events
From the Pen of Joe
National Sport Launch
Complete KOSMO Launch
Calendar for 2013!!

Pictured on cover: upper left, a collection of shuttles in the Palmer residence. Bottom Left: Keith Ravenstein conducts the annual meeting while a picture of Mark Johnson sits near the speaker phone as he "joins" us from Columbia, Mo. Bottom right: Keith presents a surprised Wilder Parks a Level 1 "kit".

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And MORE!

KOSMO ANNUAL MEETING CONVENES IN HUTCHINSON

Dateline - Hutch, Ks. Jan. 13 The annual KOSMO planning meeting took place in the heart of central Kansas, the John Palmer residence in Hutchinson, Ks. Those members in attendance included Evan Beckman, Duane and Sharon Lanterman, Fred Smith, John Palmer, Steve Saner, Keith Ravenstein, Wilder Parks, and Mark Johnson (via phone in Missouri). As always food was business item number one and we downed some great pizza, bread sticks, and beverages in the kitchen. It was time to head to the basement for the meeting conducted by president Keith Ravenstien. (the term "basement" should more properly be called rocket showrooms. John definitely has some nice displays of his mostly scale models.)

The minutes (D. Lanterman) and treasures reports (S. Lanterman) were given. Current balance in our club account is \$766.12 at year's end. Election of 2013 officers was next with the present officers all being reelected for the coming year: President, Keith Ravenstein, Vice-president, John Palmer, Secretary Duane Lanterman, Treasurer Sharon Lanterman, Sr. Advisor/Contest Dir. Steve Saner, Webmaster Steve Saner, Historian Ron Shipley. The "liaison" position had a name change, now being called the Sr. Advisor/Contest Director. It was noted the person with this title could delegate the Contest Director position at his/her discretion.

The 2013 flying schedule was next with all dates being on Saturday's this year with the exception of the two day contest in June. These events and dates are listed elsewhere in this issue under 2013 Flying Calendar. We will again plan on having a static display at the Newton EAA Fly In. Participation in the Hays EAA Fly-In is very uncertain as the date is tied to construction of the runways there. We are tentatively scheduling a road trip to the Wichita Air Museum in July. Stay tuned for more info.

A considerable amount of time was spent as always picking the competitive events for the 33rd edition of our competitive event KRAMO. We are currently promoting this as a Regional event and the events are listed elsewhere in this issue. The club approved the purchase of 2 AltimeterOne's to be available to those flying altitude events at KOSMO events. This will allow us to have our first altitude event at KRAMO in the modern era.

It appears that a number of KOSMO members are interested in attending the National Sport Launch in Colorado this coming May. More on this later as we perhaps coordinate transportation and lodging there. This will probably be discussed in more detail on the net through the KOSMO mailing list.

Possible launch sites in the Salina area were discussed and Evan Beckman was going to attend a meeting the next day considering possible use of the RC club's field there.

The KOSMO traveling trophy this year goes to the entire club and its members for its efforts in putting on NARCON last year. John Palmer accepted the trophy on behalf of the club.

Junior member Wilder Parks was presented with a complimentary NAR membership as part of NAR's new offer for deserving youth. An additional surprise was presented to Wilder as president Keith Ravenstein handed him a Level One kit. Keith had "bagged" this kit himself, made up of high quality parts. The rocket can be flown in a number of configurations and can fly on a G to potentially a J motor. This will allow Wilder to achieve his Jr. High Power Cert. Good luck Wilder!!

The NAR 2013 grant money was next discussed. Items to be submitted to the NAR for approval are a new 8' single piece launch rail, new tarps, and a club banner to match the

NAR one presently being used. The \$47 left from last years grant will be applied to a water bottle to be used in the Salina area.

We placed a speakerphone call to long time member Ron Shipley who was at home in Wichita where he has been battling cancer. It was good to hear Ron's voice and we truly missed his presence at the meeting.

The meeting was adjourned at 3pm. We watched part of a blue ray disk on "Airfest "held last year in Argonia, Ks. This included Keith Ravenstein's successful Level 3 project. There were several winter projects to look at and we checked out John's models on display. Most of us headed home around 4:30 looking forward to another year of launching rockets on the plains of Kansas.

RUSH CO. 4H GROUP GROWS

Got a very encouraging email from KOSMO member Dennis Elder that their Rush Co. 4H group has 19 enrolled in rocketry so far this year! Dennis said this is the most they have had in 4 years. If you remember Dennis brought a nice crew down for FFFF last Sept. and plans on bringing a good group to the upcoming Springfest in Ellinwood. Dennis said "This is going to be an exciting year"!

KEEP UP TO DATE WITH KOSMO'S WEBSITE

Just a reminder about our club's website www.kosmo427.org. This site is maintained by webmaster Steve Saner. The website includes the current and past issues of the KOSMOnaut, membership info and form, links to the NAR, KCAR, and KLOUDbusters, complete info on KRAMO 33 and rules for each event, maps of our launch sites, and the 2013 launch calendar with details on each event. In the event of cancellation of an event this is also the first place to look. Check out the website every so often. Steve does a great job of keeping it current and is a great source of information.

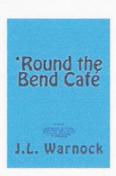
ROCKET DRAG CLASSES FOR 2013

We plan on having rocket drags at the April Sport Launch and Nightflight this year. April will see the Gooney class and Nightflight will be Junior dragsters. The Gooney models must be at least 1.5" in diameter but no more than 1.75". Total maximum rocket length is 11". A single "A" motor is allowed. A Estes Baby Bertha would be a good starting point. Junior dragsters have "A" motor impulse and a minimum body diameter of .75". Drags are held "KOSMO Style", one point for first off, highest altitude, and first safely down. Looking forward to seeing some new competitors this year !!

The KOSMONAUT is published bi-monthly by the KANSAS ORGANIZATION FOR SPACEMODLEING NAR Section #427. Subscriptions are \$8 for 6 issues. KOSMO membership is only \$10 for a year and includes the KOSMONAUT. Newsletter editor is Duane Lanterman and can be emailed at rocketsandracing@cox.net. Memberships/subscription checks should be made out to KOSMO and sent to Sharon Lanterman 642 N. Homestead Dr. Great Bend, Ks. 67530 . If you would like your newsletter delivered in a digital format please note that with your subscription and include your email.

READING WITH JOE

Charter KOSMO member Joe Warnock is retired but certainly not sitting around. Besides hundreds of hours of volunteering to raise funds for the local Independence hospital (along with wife Peg) Joe has taken up the pen and released his first two novels in 2012. Romantic stories interweaved with airplanes are an interesting adult read. Check them out at Amazon.com.





The 2013 flying season starts with

SPRINGFEST

MARCH 9 - 2013 10 AM - 5 PM



Alternate date due to weather MARCH 23

ELLINWOOD AIRPORT - ELLINWOOD, KS.

Launch fee \$4 (members \$3)

BBQ lunch at noon (small fee)

Springfest is one of two annual launches in the Ellinwood area. This is our largest and most open launch area, which means high power rockets are allowed in this event. We will file an FAA waiver good to 10,000 feet above ground level. Generally speaking, this will allow up to a K impulse motor. High power rockets require certification and if you would like to get your level 1 or level 2 NAR certification we have members that can help you get that. Please contact us if you have any questions. While high power rockets are allowed at this launch most flights tend to be of low or mid power so do not hesitate to join us even if you are not into high power stuff.

After a crazy weekend of sport flying in Colorado, It will be time to get serious in Kansas with the 33rd edition of our competitive meet

KRAMO JUNE 1-2 @HUTCHINSON, KS.

EVENTS FOR THIS REGIONAL CONTEST INCLUDE -

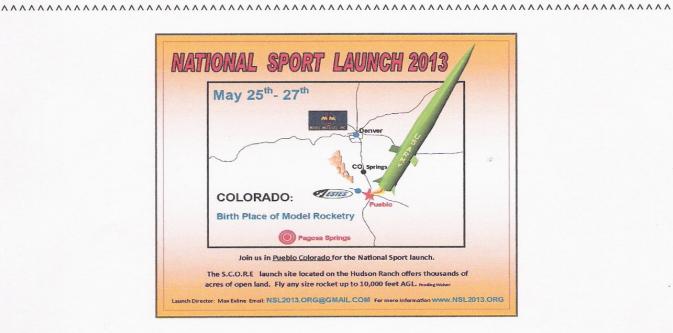
OPEN SPOT LANDING
RANDOM DURATION
"B" EGGLOFT DURATION *
"1/2A" SUPER-ROC DURATION
"A" ALTITUDE **
"B" BOOST GLIDER DURATION

- * Due to safety concerns, a tower style launch pad will be allowed for egg loft duration only if the body tube of the rocket is of uniform diameter (not tapered) or if a piston is also used.
- ** This altitude event will be determined by electronic altimeters. You must use an NAR approved altimeter for this purpose. You are encouraged to bring your own, but KOSMO will have several Jolly Logic Altimeter One's that can be checked out, first come, first serve.

STAY TUNED TO THE KOSMONAUT AND OUR CLUB WEBSITE FOR MORE INFORMATION!!



SPORT FLYING BOTH DAYS TOO AT KRAMO AT THE KANSAS STATE FAIR PARKING LOT





KOSMO 2013 LAUNCH CALENDAR

MARCH 9 Springfest - Ellinwood, Ks. Ellinwood Airport 10 am-5pm 10,000' FAA Waiver BBQ at noon (small fee)

MARCH 23 Alternate date for Springfest due to bad weather

APRIL 20 Sport Launch - Hutch Fair Grounds or R/C plane field in Salina, Ks. Class 1 rockets. This event is still being planned and final information will be in the *next* issue and on our website. If it is in Salina this maybe combined with the open house at Kansas State University Salina and include a static display for our club. Planning on including the Gooney class of rocket drags.

JUNE 1-2 KRAMO 33 - NAR Sanctioned Regional Contest (See article this issue for full contest information)

AUG 10 Sport Launch- Hutch Fair Grounds- Hutchinson, Ks. 5pm-9pm

SEPT 7 Final Frontier Fun Fly Ellinwood, Ks. Ellinwood Airport 10am-5pm 10,000' FAA Waiver BBQ at noon (small fee)

SEPT 21- Alternate date for FFFF due to bad weather

OCT 19 Nightflight - Hutch Fair Grounds- Hutchinson, Ks. 3pm-8pm Class 1 rockets from 3pm-6pm. Junior Drag races. Lighted Class 1 rockets from 7pm-8pm.

NOV 2 Low and Slow - location to be determined - 2pm-5pm Pizza to follow \$5- Our annual small rocket, "high drag" launch and social.

All launches have a fee of \$4 for non-members and \$3 for members with the exception of KRAMO which is \$7 adult, \$5 youth, \$15 family, and \$1 sport only. The Low and Slow has no launch fee. Weather is sometimes a factor (or ground conditions) so check the website for last minute updates.