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the **KOSMONAUT**



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CELEBRATING 35 YEARS AS AN N.A.R. SANTIIONED CLUB

NIGHTFLIGHT FALLS VICTIM TO KANSAS WINDS

REPORTED BY DUANE LANTERMAN



DATeline HUTCHINSON KS. - Well, once again those infamous Kansas winds prevented the KOSMONauts from launching rockets this year. (Perhaps we should change our club's tag line from "Good Clean Fun at Mach One" to "Rocketeers of the South Wind.") Anyway, when we got to the field in Hutchinson we found some folks flying kites and one guy zipping along in a "car" pulled by a parachute. (These are not good signs when you are planning on flying rockers.)

We had planned to meet wind or not and so those of us gathered were treated to some new equipment President Keith Ravenstein is working on. One (pictured on left) was a wireless launch system for away pads. It uses a modified remote car starter for arming and launching a rocket. It includes a PVC antenna tower and everything ends up storing in the launch box. Keith managed to get quite far down the field in his initial demonstration of this new piece of equipment. He also

continued next page

Members showed a few new rockets they had constructed and we then headed to the new FIVE GUYS hamburger place in Hutch. Great fresh food. Think we were all impressed. After some time discussing rockets and a few other topics we all headed home. Next time we gather will be the annual meeting, this year at the home of John Palmer in Hutchinson.

TRACI ROSS RECEIVES AWARD

At the year ending Banquet in Rush Center 4H families gathered for a feast and to recognize outstanding Rush County 4H members. Traci was awarded a 4H plaque and a plaque from KOSMO along with an Estes rocket kit. Great work Traci !



Illustration 1: Dennis, Traci, and Keith

OPPORTUNITY TO ORDER HIGH POWER MOTORS/ LOC KITS AT ANNUAL MEETING

As was the case last year, the annual meeting will provide members the opportunity to purchase motors with other KOSMO members at a discount and also reduce the cost of hazmat shipping by pooling orders. AeroTech, Estes, and Cessorini motors are available. Go to wildmanrocketry.com and check out their selection. Your price will be the CLUB PRICE listed plus your share of the shipping. Bring cash or a check to cover your purchase. Also you can order a LOC kit 4" and down for 40% off of list and kits over 4" diameter at 20% off. This applies to parts as well. Once again bring cash or check to cover your total plus your share of shipping.

KOSMO and THE NARAM 58 CONNECTION

BY STEVE SANER

The National Association of Rocketry's 58th Annual Meet (NARAM 58) will be held next July 23-29 near Walnut Grove, MO. John Buckley of the St. Louis Rocketry Association (SLRA) is going to be the Contest Manager for this event and is in charge of organizing the event. The event is sponsored by a consortium of organizations, St. Louis Rocketry Association, Kansas City Association of Rocketry, Kansas Organization for SpaceModeling, Launch Crue, and the Teeniemunde Rocket Club.

The primary need for KOSMO participation will be helping to run the sport launch range during the week of NARAM. Other things may come up as time goes on. If you are interested in helping or just following the discussion an E-Mail list has been set up for this event. You may subscribe to this mailing list by going to the following web site:

<http://lists.kosmo427.org/mailman/listinfo/naram58>

Please note that subscription to this list is a two-step process. You will need to enter your E-mail address and a password and click the "Subscribe" button. This will cause a confirmation E-mail message to be sent to you. There will be a link in that E-mail message that you will need to click to confirm your subscription. When you have finished that, you will receive another E-mail message with information about how to post a message and how to remove yourself from the list if you wish. Once subscribed, you may also go to the above website address and view the list archives to catch up with what has already been discussed.

A web site for NARAM 58 is being built. KOSMO member Steve Saner has agreed to help in that effort. You can get to the web site by going to the following address <http://www.naram.org/> There is some very basic information there now and more will be coming soon.

So please put this event on your calendar and consider joining the E-mail list and helping. At this point you do not need to make any particular commitment. This is, however, an opportunity to participate in a national NAR event.

KOSMO'S 35TH YEAR IN REVIEW

KOSMO'S 35th year began as is tradition with the annual meeting. Each year this is held in January to set the stage for the coming year. Held at the Lanterman residence this year highlights included Traci Ross being our NAR sponsored Jr. member and a design set for new KOSMO shirts.

Our first launch of 2015 took place in March at our Hutchinson, Ks field under ideal conditions and 45 flights took place.

In March KOSMO members assisted the Rush Co. 4H'ers with their Space Tech day. The morning session saw 23 young rocketeers building rockets, many for the first time. During lunch break it was announced that 4H'er and KOSMO member Traci Ross was going to the 4H Emerald Banquet later in the year, receiving a state 4H scholarship and was a state 4H record book winner in Space Tech. The afternoon included a group of youngsters building Skill Level two rockets.

SpringFest was twice delayed due to windy conditions and an abbreviated edition was finally held in May due to conditions less than ideal. None the less, Terry Blake, a student at K-State Salina put up a perfect Level One Cert Flight and Steve Saner wowed us with his Sky Hog on a K550.

June is always KRAMO time in Kansas (our annual contest). but this year a forbidding forecast caused its cancellation. Some modelers did arrive that Saturday morning and some sport flights took place under decent conditions.

July saw our club returning to LaCrosse and their airport for a 4H launch prior to their upcoming county fair. 18 fliers enjoyed the morning and things wrapped up prior to 1 o'clock as temps approached 97 degrees.

In Aug. a number of KOSMONauts drove to the KC area for a regional NAR contest called Son of KRAMO. The KCAR section had invited us up to their field and the events were the same as the canceled KRAMO events. A very nice groups of 16 individuals or teams flew the two days and enjoyed their time together.

Our 25th annual Final Frontier Fun Fly had to be postponed two weeks, again due to winds but a nice group gathered at the Lanterman Family Farm and launched 37 rockets in Sept. Highlights included Luke Dyson's very successful Level One Cert flight, Duane Lanterman's first dual deploy flight, numerous flights from long time FFFF fliers Peter and Linton Bayless of Shawnee Mission , and Steve Saner's 6800' flight on a J motor.

October's Rocket'tober Fest and November's Night Flight once again fell victim to the Kansas winds. We did gather at the Night Flight field and that story is our cover story.

New members in 2015 included Jim and Rita Forythe and grandson of Russell and Luke Dyson and family from Sterling.

PHOTO REVIEW OF THE YEAR



*Illustration 2: LUKE DYSON'S
LEVEL ONE CERT AT FFFF*



*Illustration 1: TERRY BLAKE'S LEVEL ONE
CERT @ SPRINGFEST*



Illustration 3: SON OF KRAMO MEET IN K.C.



*Illustration 5: YEAR BEGINS WITH FUN IN
HUTCHINSON*



*Illustration 4: BUILDING ROCKETS WITH
4H'ers @ SPACE TECH DAY*



MEETING NOTICE!



"These lunch meetings are a lot more fun
than conference calls."

**IT'S THAT TIME OF YEAR
AGAIN !**

**WHAT : KOSMO ANNUAL
MEETING**

WHEN: SATURDAY JANUARY 9 2016

**MEETING BEGINS AS NOON WITH A LUNCH
(PLEASE BRING \$5 TO COVER THE COST)**

WHERE: JOHN PALMER RESIDENCE

1312 E. 27TH

HUTCHINSON, KS.

(CORNER HOUSE 27TH AND LORRAINE)

WHAT WILL WE DO?

ELECT 2016 OFFICERS

SET THE 2016 LAUNCH CALENDAR

PICK CONTEST EVENTS FOR KRAMO

SHARE OUR WINTER PROJECTS (BRING STUFF)

ORDER MOTORS/KITS

AWARD TRAVELING TROPHY ?

PAY YOUR DUES

DISCUSS NARAM 58

BRING YOUR NEW IDEAS PLEASE

SELECT JR. NAR SPONSORED MEMBER

LAST MINUTE UPDATES, CHECK OUR CLUB WEBSITE:

www.kosmo427.org

or call 620-663-9369

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