

OFFICIAL JOURNAL OF THE  
KANSAS ORGANIZATION FOR SPACEMODELING

# *the* **KOSMONAUT**



**MARCH/APRIL 2017**

**VOLUME 36 NO. 2**



## **"CALLING DR. ZOOCH"**

**KOSMONaut John Palmer who we affectionately call "Mr. Scale" recently took this photo in his basement. The backdrop is the new full earth picture from the hi-res camera on the new NASA weather satellite.**

**Great job John. For those of you who don't know John he is also affectionately called "Mr. I can fix it" because no matter how bad of a prang or recovery malfunction, John just picks up the pieces or crumbled body tube and says confidently "I can fix it." He is also called "Poppy Poo", but that comes from his grand kids not his fellow rocketeers.**

# SPORT LAUNCH BEGINS 2017 SEASON IN HUTCH

REPORTED BY DUANE LANTERMAN

After 3 straight cancellations, the KOSMO launch season began on Sat. April 15. It has been a "taxing" start to the launch calendar with wind, burn bans, and rain contributing to the uncertainty. To be honest, as the small group of diehards gathered Sat. the 15<sup>th</sup> the prevailing thought was this was going to be more social than action but as we arrived a brief rain shower came through the launch site and the winds died to an acceptable level.

Those in attendance included John Palmer, Keith Ravenstein and wife Monica, Duane Lanterman, Steve Saner, and Fred Smith. John, of course, was first off the pads as is tradition and so begins our 37<sup>th</sup> launch season as a club. The club had purchased two mini rails and this was the first use of those. Duane Lanterman who had purchased the buttons had a rocket fitted with them and the results were very satisfying. Several members had purchased rails for themselves and we will undoubtedly see more models outfitted with the buttons as the season goes on. Looks like a nice alternative to the age old rods with added safety benefits. We have been using rails for quite a number of years on the high power side. Keith handed out several of the club rockets that people had ordered and it was decided to mail at club expense three kits that are paid for to members out of the area.

We retired to the confines of the *Rib Crib* for lunch and to discuss personal and club business. With some scheduling conflicts among members it was decided to reduce the hours for the upcoming May 13 launch. It will run from 10am to 2pm. This would be a great time to test those models for the upcoming contest in June. Steve brought up the Maker Fair in Wichita in July but it was decided to skip that event for at least this year. The normally jovial mood at KOSMO events was tendered a bit with several members having health issues, financial challenges, and a job loss. The food was great and it was good just to see each other since we hadn't gathered since the Annual Meeting in January.



**KOSMO - NAR #427**

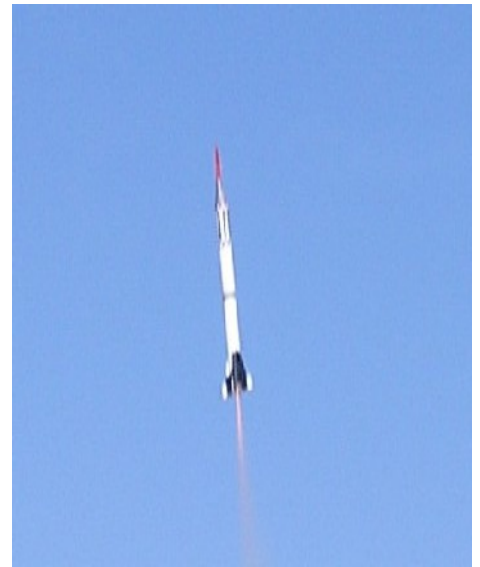
*Illustration 1: Nothing says "Model Rocketry" like the Estes Big Bertha. Steve Saner launches his K-State version*



## SPORT LAUNCH IN HUTCH BEGINS 2017 SEASON



*Illustration 2: John Palmer's ASP V2 lifts off under C11 power*



*Illustration 1: One of two different Mercury Redstone models John flew*



*Illustration 4: We call him "Mr. Scale", John's Saturn 1B rockets skyward*



*Illustration 3: Duane Lanterman's ASP WAC Corporal makes its flight from the club's new mini rail*





# M.O.A.B. PLAN

IF YOU ARE LOOKING FOR SOMETHING DIFFINATELY DIFFERENT FROM WHAT OTHERS ARE FLYING AT THE FIELD THIS IS IT. SUBMITTED BY SUBSCRIBER JOE PEKLECZ THIS MASSIVE ORDINANCE AIR BURST OR MOTHER OF ALL BOMBS WILL SURELY DRAWN ATTENTION FROM YOUR FELLOW MODELERS.

CORRAGATED CARDBOARD



TOOTHPICKS

CARDSTOCK

2 FINS ARE PEGGED INTO TUBE AND MUST BE REMOVED FOR A STABLE FLIGHT

WRAP CHUTE AROUND BT-50 TUBE

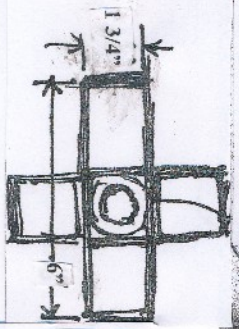
THRUST RING

BULKHEAD

SHOCK CORD



REAR EJECTED MOTOR MOUNT W/PARACHUTE BT-50 WITH D12-3 POWER



FIN GRATES ARE 1" WIDE (REAR VIEW)

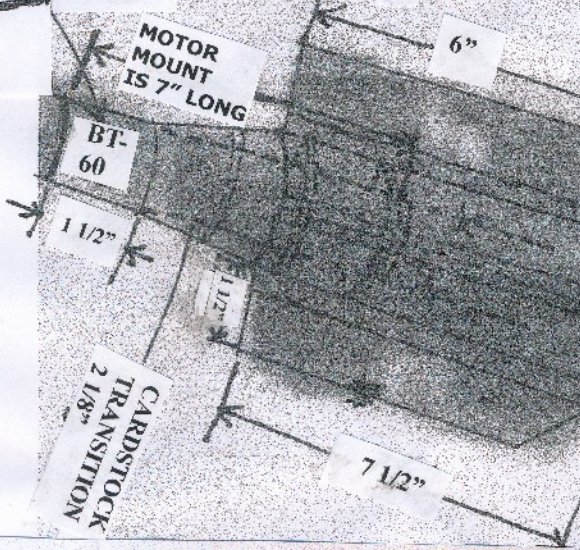
PRINGLES CAN 12 3/8" LONG

4 1/4"



TWO 1/8" DOWEL RODS

TRIANGULAR TRANSPORT FAIRINGS X 4 (HIDDEN LAUNCH LUG INSIDE ONE)



Joseph Peklec  
635 S. Zane Hwy.  
Martins Ferry, OH 43935





## KRAMO 37 EVENTS



The clock is ticking and our long running contest will soon be upon us. The events for KRAMO 37 to be held at our Hutchinson field on June 10 and 11 are listed below. If you've never entered an NAR competition, KRAMO is the perfect place to begin. Although we have many experienced competitors the stress level at our events is very low. Come out compete and have fun. If you go to our website [www.kosmo427.org](http://www.kosmo427.org) and click on KRAMO it will take you a list of individual events and by clicking on (rules) you will get a detailed explanation of the rules for that event. Who knows you might pick up a ribbon or two by the end of the weekend or even the traveling trophy or a gift certificate. This event is a classic in Kansas and we want you to be a part of it. Contest Events -

OPEN SPOT LANDING  
SET DURATION (40 SEC)  
"C" EGGLOFT DURATION  
"A" STREAMER DURATION  
"B" HELICOPTER DURATION  
"A" ROCKET GLIDER DURATON

### Special Event Details

- Due to safety concerns and past experiences, a tower style launch pad will be allowed for the eggloft duration only if the body tube of the rocket has a uniform diameter (not tapered), or if a piston launcher is also used.
- While KRAMO 36 is being organized as a NAR sanctioned regional meet, if we do not have enough participants, we may have to re-organize as an open meet. In that case, we will drop the A Rocket Glider Duration event for the official results. In that case the event will still be flown and prizes will be awarded. However, those results will not be included in determining the overall contest winner and they will not be submitted to the NAR

SATURDAY JUNE 10 10AM-5PM

SUNDAY JUNE 11 10AM-4PM AWARDS AT KEN'S PIZZA

ADULT COMPETITORS \$7 YOUTH COMPETITORS \$5 SPORT FLYERS \$1

---



## VINTAGE KOSMO PHOTO CORNER

The year was 1991 and KRAMO 11 was taking place at the club's Lake Afton field just outside Goddard, Ks. The previous year we had ordered club shirts and you can see a number are present in this photo. 13 competitors over the two days launched 70 contest flights and 25 sport flights. Those present in this picture are- Back row: Bob Wingate, Sharon Lanterman, Allen Swayze, Joe Warnock, Larry Wetterstrom, Mark Johnson, Ron Shipley, and John Baumfalk. Front row: Dave Lanterman, Lisa Lanterman, Peggy Warnock, Duane Lanterman.

## KOSMO 2017 LAUNCH CALENDAR



### **Sport Launch — Saturday, May 13, 2017**

- **10:00am - 2:00pm**
- Kansas State Fairgrounds Parking Lot, Hutchinson, KS
- **PLEASE NOTE CHANGE IN TIME**

### **KRAMO — Saturday-Sunday, June 10-11, 2017 Hutchinson, Ks.**

***FOR DETAILS ON THE EVENTS OF THIS CONTEST SEE PAGE 5 OF THIS ISSUE***

### **Sport and 4-H Launch — Saturday, July 8, 2017**

- Rush County Airport, near LaCrosse, KS
- 9:00am - 2:00pm

### **Sport Launch — Saturday, August 5, 2017**

- 10:00am - 5:00pm
- Kansas State Fairgrounds Parking Lot, Hutchinson, KS

### **Final Frontier Fun Fly — Saturday, September 16, 2017**

- 10:00am - 5:00pm
- Ellinwood, KS Airport or Lanterman Farm
- 10,000ft Waiver BBQ available at Noon (for a small fee)  
*Alternate date in case of bad weather: **September 30, 2017***

### **Rocket-tober Fest — Saturday, October 14, 2017**

- 10:00am - 5:00pm
- Ellinwood, KS Airport or Lanterman Farm
- 10,000ft Waiver  
*Alternate date in case of bad weather: **October 28, 2017***

### **Nightflight — Saturday, November 11, 2017**

- 3:00pm - 7:00pm
- **LIGHTED ROCKETS FROM SUNSET UNTIL 7PM**
- Kansas State Fairgrounds Parking Lot, Hutchinson, KS

- 
- The KOSMONaut is published bi-monthly by the KANSAS ORGANIZATION FOR SPACEMODELING NAR SECTION #427. Hard copy subscriptions are \$8 for 6 issues. Membership is only \$10 a year and includes the KOSMONaut (digital version or hard copy, please specify when you join or renew) Membership also has the benefit of reduced fees at launches. Newsletter editor is the KOSMO secretary Duane Lanterman and submissions are encouraged and can be sent to [rocketsandracing@cox.net](mailto:rocketsandracing@cox.net). Membership and subscriptions checks should be made out to KOSMO and sent to Sharon Lanterman, 642 N. Homestead Rd. Great Bend, Ks. 67530