

THE KOSMONAUT

KANSAS ORGANIZATION FOR SPACEMODELING NAR # 427

MAY - JUNE 2011 VOL.30 NO.3

HUTCH FAIR GROUNDS PLAYS HOST FOR TWO KOSMO LAUNCHES

BY DUANE LANTERMAN

Over the course of two weeks the KOSMO guys and gals spent 3 days launching rockets at the Ks. State Fair grounds parking lot. The first gathering was on May 21st and was a sport launch to make up for the cancelled April launch. It was not a perfect day wind wise but within our limits. Eight modelers put up 29 flights. An unusual amount of models suffered significant damage (5 total) and there was one motor malfunction. John Palmer's V2 was a little too realistic as it power pranged on an E9 resulted in a mangled model. Luckily, his recently finished Soyuz model performed well. The model is quite nice and it's the first time I remember this scale model at a KRAMO launch. The Goodwin family from Buhler, Ks. joined our club at Hutch and Sydney launched her SR71 prior to applying the black paint and entering it in the upcoming 4H fair. Like many SR71 Estes models this one flew horizontal about 50 feet up but made a safe landing. Brother Grant is also a 4H'er and plans on launching his model on a G or H at the Ellinwood Airport under the watchful eye of Keith Ravenstien June 18. Welcome aboard Goodwin's !!

Two weeks later we again gathered this time for the 31st edition of our competitive meet KRAMO . Mark Johnson has written up an article in this issue so I won't go into any details. You'll also find complete box scores for all the events. We had 47 contest flights and 17 fun flights. This was the first time in my 29 year KRAMO experience that all competitors flew in all events. This makes for a fun contest and I think shows that we picked good events and that people were willing to build even if it was outside their comfort zone. For me that means helicopter duration. This was the first one of my models (outside of the old Estes boilerplate model) that I didn't shred on its way up. That meant I actually got in a second flight. Not only that I still have a model to fly another time. Wow, I don't know how to act. It was good to see Eric Martin and his kids sport flying with us again this year. They are so cute and love to fly their rockets. All in all, a great two weeks for our club.

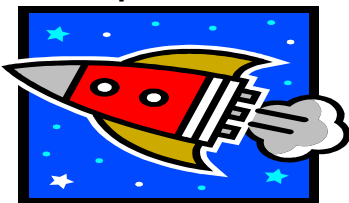
KOSMO MEMBERS LET IT FLY AT THE HUTCH FAIR GROUNDS !



Pictured above are the most of the participants in the sport launch at Hutch on May 21. Ron Snow, Keith Ravenstein, Duane Lanterman, Ron Shipley, Steve Saner, John Palmer, and in front new member Syndey Goodwin. Fred Smith not pictured. There were 29 sport flights lead by John Palmer with 7.

KANSAS ORGANIZATION FOR SPACEMODELING

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GOOD CLEAN FUN AT MACH ONE

KOSMO 2011 LAUNCH DATES

Most club launches have a fee of \$4 non-members, \$3 members

SATURDAY JULY 16- SPORT LAUNCH

5PM-9PM

STATE FAIR PARKING LOT HUTCHINSON KS

CLASS 1 ROCKETS

SUNDAY JULY 17 COSMOPHERE JR HIGH POWER CERT LAUNCH EARLY MORNING-LOCATION TO BE DETERMINED

SATURDAY AUGUST 6 RUSH COUNTY FAIR

This is not an official club launch but one of our members is involved with the Fair and club members are invited to participate. More details listed as the event get closer.

SATURDAY/SUNDAY AUG 27/28 TRAVEL DATE TO KC

KCAR (NAR Section #505) has invited KOSMO to join then for a regional contest.
Events: OPEN SPOT - "A" STREAMER DURATION- PREDICTED DURATION- SPORT
SCALE- 1/2A ROCKET GLIDE DURATION- "A" HELICOPTER DURATION
\$7 ENTRY FEE MEET RUNS 10AM SAT TO 5PM SUNDAY

SUNDAY SEPT. 11 -FINAL FRONTIER FUN FLY

10AM-5PM

ELLINWOOD KS AIRPORT (OR LANTERMAN FARM)

10,000' WAIVER

BBQ @ NOON -SMALL FEE

INCLUDES KANSAS ROCKET DRAGS CLASSES TBA

SUNDAY SEPT. 25 - ALTERNATIVE DATE FOR FFFF DUE TO INCLEMENT WEATHER

SATURDAY OCT. 22 NIGHTFLIGHT

3AM-8PM

STATE FAIR PARKING LOT HUTCHINSON KS

CLASS 1 SPORT LAUNCHES FROM 3AM-6PM

BBQ FROM 6PM-7PM SMALL FEE

LIGHTED CLASS 1 ROCKETS FROM 7PM-8PM

SUNDAY NOV. 6 LOW AND SLOW-MICRO ROCKET LAUNCH 2PM-5PM

RON/CAROLINE SHIPLEY RESIDENCE WICHITA KS

FLY FREE - SUPPER \$5

KRAMO 31 CONTEST RESULTS**“A” BOOST GLIDE DURATION**

	FLIGHT 1	40 SEC.	FLIGHT 2	31 SEC.	TOTAL 71
KEITH RAVENSTEIN		24		37	61
RON SHIPLEY		9		44	53
TEAM BORIS & NATASHA		14		37	51
DUANE LANTERMAN		5		26	31
JOHN PALMER		20		10	30
STEVE SANER					

1/2A HELICOPTER DURATION

KEITH RAVENSTEIN	22	29	51
JOHN PALMER	20	10	30
STEVE SANER	11	12	23
DUANE LANTERMAN	10	12	22
RON SHIPLEY	SEP	15	15
TEAM BORIS & NATASHA	EJ	DQ	0

OPEN SPOT LANDING

STEVE SANER	9.75
RON SHIPLEY	10.57
TEAM BORIS & NATASHA	16.80
JOHN PALMER	17.00
KEITH RAVENSTEIN	21.25
DUANE LANTERMAN	SEP

SET DURATION (40 SECONDS)

STEVE SANER	17.5%
TEAM BORIS & NATASHA	25.0%
DUANE LANTERMAN	35.0%
JOHN PALMER	42.5%
KEITH RAVENSTEIN	60.0%
RON SHIPLEY	132.5%

“B” EGGLOFT DURATION

DUANE LANTERMAN	SEP	18	BEST	18
STEVE SANER	15	18		18
KEITH RAVENSTEIN	11	EGG		11
JOHN PALMER	EGG	8		8
TEAM BORIS & NATASHA	NDP			
RON SHIPLEY	EGG	UNS		

**KRAMO 31 -
CELEBRATING 31 YEARS OF
“THE FRIENDLY ROCKET MEET”**

KRAMO-31 – A Hot Time in Hutchinson

**Mark Johnson
NAR 14025**

If nothing else, KRAMO-31 will certainly go on record as one of our hottest competition events ever...with temperatures at or above 100 degrees on both Saturday and Sunday. The hot weather no doubt kept some of our long-time competitors at home, but those of us who did come out enjoyed two days of flying and rocket talk. We had too few contestants and so we were forced to hold the event as an Open meet instead of a Regional – but for once, all the competitors flew in every event.

The two 'Precision' events, Open Spot Landing and Set Duration (40 seconds) were entirely flown on Saturday, so everyone ended up with the same conditions. With a breeze varying from 8 to 15 miles per hour, there weren't any real pole-hanging flights in Spot Landing. Steve Saner led the way with a 9.75 meter distance, followed closely by Ron Shipley's 10.57 meter effort. In Set Duration, Steve again came closest, with a 47-second effort (17.5%) for first place, followed by the Boris & Natasha Team's 30 seconds (25%) for second. All six entries posted qualified flights, with approaches ranging from streamer-duration models to Ron Shipley's D12-powered, 18-inch parachute model that caught a thermal that wouldn't let it go for 93 seconds. The flight still landed on the field, but within 30 feet of the street on the north side.

In 1/2A Helicopter, there were a variety of approaches. Keith Ravenstein made two good flights to take the win with a 51-second total using an Flis kit model, followed by John Palmer's 30 second total. Steve Saner and the Boris & Natasha Team both used the old 'Helix-A' design, although Steve's new model was much more successful than the Johnsons' 1988 bird, which chalked up a pair of DQ's and some damage. [Maybe, after 23 years, it's time for a new helicopter?]

A Boost-Glide proved to be the most hotly contested event of the weekend (high-temperature jokes not intended). All 12 flights by 6 competitors were qualified, although a couple of them were admittedly pretty ugly – but the wings caught enough air that they were definitely gliding, not just falling out of the sky. In the end, Keith Ravenstein's 71 second total took first, with the Boris & Natasha Team at 53 seconds and Ron Shipley following at 51 seconds not far behind.

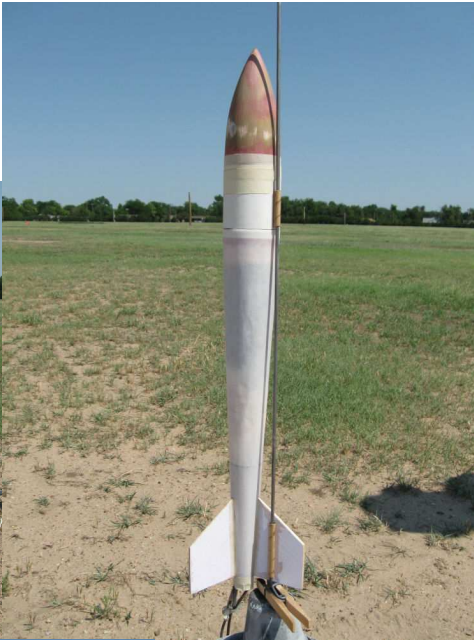
B Eggloft Duration placed a severe stress on the population of eggs in local grocery stores. Out of 11 flights, 6 ended with some kind of mishap for the ovoid 'astronaut proxy' in the capsule. In the end, we had a first-place tie between Duane Lanterman and Steve Saner, both at 18 seconds, as nobody was willing to try really huge parachutes that might drift far off the field if they happened to open. That parking lot may have grass on it, but it's still a pretty difficult landing site for eggs!

Overall: Club President Keith Ravenstein took home the overall award, followed in order by Steve Saner, Duane Lanterman, John Palmer, Ron Shipley and the Boris & Natasha Team. During the weekend, we also enjoyed a group dinner at the Carriage Crossing down in Yoder as well as a late lunch on Sunday at Ken's Pizza, located about a mile from the launch field.

**KRAMO 31 PHOTOS - TOP LEFT: THE COMPETITORS TOP RIGHT: RON SHIPLEY'S F18
MIDDLE LEFT: ERIC MARTIN AND KIDS MIDDLE MIDDLE: KEITH AND THE CUP MIDDLE RIGHT:
SHARON SERVES UP DOGS TO THE CREW BOTTOM LEFT: MARK AND BONNIE WITH THE CLUB FLAG
RECENTLY REDISCOVERED.**



A variety of Egglofters at KRAMO





MORE PHOTOS FROM HUTCH - MAY/JUNE 2011

JOHN PALMERS V2 AFTER HARD CRASH - STEVE SANER'S K-STATE FLYER , BEAUTIFUL FLIGHT,
HARD LANDING ##BOTTOM ROW: JOHN'S BEAUTIFUL SOYUZ, D. LANTERMAN CHECKS IN HIS
PENCIL ROCKET

