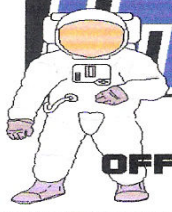



THE KOSMONAUT



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Barton Co. Fair Blasts Off !

By Duane Lanterman

The Barton Co. Fair runs the first week after the 4th of July and ends on Sunday with a BBQ, rocket launch , and tractor pull. Our club has been helping providing launch equipment for quite a number of years to the launch. Throughout the week rockets are on display in the expo buildings and are awarded prizes. This year the 4H rockets were very limited in number. The OPEN class had a nice number of models on display.

On Sunday the winds were light and the temperature HOT but KOSMO members Rick Calvert, Duane Lanterman, Keith Ravenstein, Dennis Elder, and Philip Scheuerman (also a Rush County 4H members) along with 2 Barton County 4H'ers Cody and Luke Wondra took to the skies.

Cody and Luke put up 6 nice flights all on C6-5 motors. On an average Estes kit that motor really get them up there ! Nice models and nice flights guys !

Philip had two nice launches including his Weasel that was headed to their county fair. Dennis Elder rode along with Philip and picked up information for the Rush Co. launch scheduled for Aug 1, 2009.

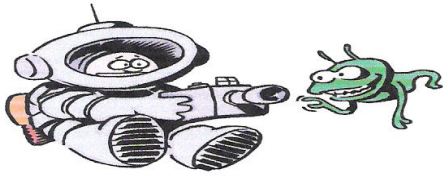
Duane Lanterman had 4 flights including a two stage high altitude flight of a small model powered by a C to C6-7.

Rick Calvert launched his Metalizer on a C motor for a perfect flight. Later in the day, Duane encouraged him to fly it again so we would have 15 flights for the day. The model suffered a cato, and Rick now claims that 15 *is not* his lucky number.

Keith Ravenstein had the only composite flight of the day , his Stretched Callisto on a G69 endburner with dual deployment. Due to an omission during prep the model only had its secondary deployment but amazingly suffered little damage. Perhaps if Keith would have had some sleep that day it would have helped. We all loved the sound of that motor !

After 2 hours we wrapped it up and headed in for refreshment at Braumns.





BARTON COUNTY FAIR LAUNCH PHOTOS

Front page: Left, Keith Ravenstein prepares his Callisto as Phillip Scheuerman and Dennis Elder look on. Right: Duane Lanterman's 2E2 lumbers off the pad on an E9.

This page: Top right: Luke Wondra puts the clips to his Estes Hi-flyer. Bottom right: Luke Wondra inserts an igniter into his Guardian. Bottom Left: Rick's unlucky number is 15.



Fair Grounds Recollections

By Ron Shipley

The Fair grounds parking lot, our new launch site, and location of the recent KRAMO launch is actually one of my old haunts. From 1968-1970, I flew a lot of rockets there. In

1966, I started flying rockets in the 9th grade at Sherman Jr. High in Hutchinson. Our launches were held at Union Valley Grade School in northeast Hutchinson and near the Barton Salt company in southeast Hutchinson. Both of these sites were very small and had a lot of restricted areas a rocket could come down in. A rocket club was established at Hutchinson high School in 1967 when I became a sophomore. The first year we flew at Carey Park in the ball park's parking lot. Unfortunately, being right next to the river with trees all around, many a rocket was lost- including the first rocket I built, an Estes X-ray. We watched it make a perfect splashdown in the middle of the river.



HASA executive board members for 1968 — 1969 are Wayne Dix, Ron Shipley, Greg Cochran, and Mr. Rodney Herrs.

In 1968, one of our members in charge of locations of launches, the late Wayne Dix, found a new, centrally located launch site- the fair grounds parking lot. David Goldberg, another member of the club was in charge of publicity. A number of articles were published in the Hutchinson News and the high school newspaper. The picture below is an old newspaper clipping of one of our first launches. Notice the camera is facing west, with the grandstand in the background. I'm standing at the far left, looking at my first home-made launch console.



Unfortunately, I used a toggle switch instead of a momentary-on switch for the launch button. Attaching clips to a clustered rocket caused immediate ignition- with my hand as a blast deflector. I didn't make that mistake again. After my trip to the emergency room, my dad subsequently became the temporary launch control officer. He's in the old clipping below, on the left, completing the launch circuit at a later launch.



Typically HASA, as it was known (Hutchinson Aeronautics and Space Administration), had monthly launches at the fair grounds. We sometimes used my Austin Healey as a chase car, with as many as six people riding the fenders as I drove across the parking lot to retrieve rockets. With the top down, my passenger would try to catch the rocket while the car was moving. Apologies for those rockets I ran over! My Austin (the blue bomb) is pictured below with the camera looking west-south-west.



I also had my first experiences with Centuri kits and engines (mini-max F's) at the fair

grounds. Below is Rodney Herrs, our high school advisor with my Centuri Saturn V and an article from the high school newspaper (who wrote that?).



Rocket Club Blast Off

Hutchinson High School's rocket club (HASA) got off to a big blast last Saturday with their first launch. Some thirty persons attended including spectators, members and even some interested teachers. Highlights of the launch came when HASA president, Ron Shipley launched his mini-max titan. Ron's folly, as it is now called, soared gaciously skyward, turned three quick flips and promptly plumeted earthward, in a cloud of smoke. Such are the hazards of rocketry HASA requests that you attend their next launch which will be held next month. The date will be released at a later time.

I was reelected president of the club as a senior. Our officers are pictured below: Paul Weber, myself, Greg Cochran, Rodney Herrs, Wayne Dix, and Charles Wright.



Our heyday came in the spring of 1970, with festivities linked to the Hutchinson Spring

Fair. Rockets were displayed in the Hutchinson National Bank's fair booth, with a launch at the fair grounds. That day according to the high school yearbook, we had around 300 spectators. The pictures below show Paul Weber launching my "F" powered *Red Dog* from different angles. The photo on the left shows the grandstand in the background. The photo and the old newspaper clipping on the right both show some of the crowd.

SEE - ACTUAL LAUNCH
by
Hutchinson High School
Rocket Club
Sunday, April 20 at 12 noon
Launching area will be at
21st and Plum
FREE TO THE PUBLIC
Festivities start at 1:45 a.m.



I graduated from high school in 1970 and my rocket activities dimmed until "reborn" a decade or so later. I don't know if HASA continued after I graduated. Ron Snow, Rodney Herra, and I flew one last rocket at the fair grounds in 1971. It was a large "F" powered bird Snow had built just before he left for the Air Force. The rocket was flown at dusk, much too heavy for the engine, and it crashed after streamlining in. It's hard to believe all that stuff took place 40 years ago. I had a lot of fun then, and I hope for more now that KOSMO has moved to the fair grounds.



Joe & Peg Monkey Around

Complied from info by
Joe and Peggy Warnock
Charter KOSMO members
And from article written
By Greg Lower
Independence, Ks. Paper

Independence, Ks. Mayor Rick Mott, proclaimed *Miss Able Day* in recognition of one of the cities natives, Miss Able. Born in December of 1957 on Monkey Island at the Riverside Park and Zoo in Independence little did anyone realize that a year and a half later she would be rocketing into space. She along with Miss Baker flew 300 miles into space and landed 1500 miles from Cape Canaveral. Unfortunately, Miss Able died as a result of surgery while removing monitoring instruments. Miss Baker lived until 1984 at the US Rocket and Space Center in Huntsville, Al. where she is buried. Currently Miss Able is featured on a McDonald's Happy Meal box promoting the movie "Night at a Museum." In the movie a display of Able comes to life.

Joe and Peg Warnock were contacted and asked to participate in the 50th Anniversary of Miss Able's sub-orbital flight on May 28, 1959. Miss Able, along with Miss Baker, were the first living creatures to survive re-entry from space. The picture shows part of our display.

Below: (L to R) Space Shuttle tile (under the dome), iron meteorite from Canyon Diablo, Arizona (which we let the kids handle -" touch a piece of space", plastic Saturn V model, Space Shuttle, Jupiter missile (Able & Baker's ride) built by Joe to same scale as Saturn V for size comparison, Estes "white tank" Space Shuttle autographed by Ron Evans in 1983, Nike Tomahawk, Bomarc, V-2, photo display of Miss Able, photo of Miss Baker. Peg and I begged our local McDonald's and had an "Able the Space Monkey" Happy Meal toy on display too. (that's it, lower right edge.) Behind her is a model of the old "von Braun space freighter concept. "



KOSMO 2009 LAUNCH CALENDAR



FINAL FRONTIER FUN FLY SUNDAY SEPT. 6TH - 10AM-5PM -
ELLINWOOD, KS. AT **LANTERMAN FAMILY FARM**. 10,000' FAA WAIVER - INCLUDES
KANSAS ROCKET DRAGS (*NEW CLASSES* INCLUDE JR. DRAG, PRO STOCK, AND
GOONEY). BBQ AT NOON. MEMBERS \$3, NON-MEMBERS \$4

NIGHTFLIGHT SAT. OCT. 24TH ELLINWOOD, KS. AT ELLINWOOD AIRPORT OR
LANTERMAN FAMILY FARM DEPENDING ON CROPS. 10,000' WAIVER 2PM-6PM, BBQ FROM 6PM-
7 PM, LIGHTED CLASS 1 ROCKETS LAUNCH FROM 7PM-8PM. MEMBERS \$3, NON-MEMBERS \$4

LOW AND SLOW SATURDAY NOV. 7TH MARK AND BONNIE JOHNSON RESIDENCE,
WICHITA, KS. 2PM-5PM, LIMITED TO 1 POUND ROCKETS AND 400' ALTITUDE. PIZZA
FOLLOWING LAUNCH. FLY FREE, EAT FOR FIVE BUCKS !

Kansas Organization for SpaceModeling=

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NAR SECTION #427. SUBMISSIONS ARE ENCOURAGED ! SUBSCRIPTIONS ARE \$8 FOR 6 ISSUES. YOU CAN
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BE SENT TO RICK CALVERT, 1227 281 BYPASS, GREAT BEND, KS. 67530. OUR CLUB WEBSITE CAN BE
FOUND AT www.kosmo427.org

Kansas Rocket Drags - New Classes- at FFFF '09

Come join us for rocket racing at its best. 3 new classes, see below-

Junior Dragster - min. body dia. .75" - "A" power or equivalent

Pro Stock - min. body dia. 1.25" - "C" power or equivalent

**Gooney Dragster - min. dia. 1.5", max. dia. 1.75" , body tube including nose cone no longer
than 11"- Whimsical paint job encouraged - single "A" motor . Emphasis on Fun !**

We will have a "rocket show" for all the dragsters, with a people's choice award for each
category. Low cost, lots of fun! Register by noon, first round of flying at 1:00 pm.

**KOSMO STYLE DRAG RULES - Pairing decided by drawing names from a hat. Single "runs" must
still be flown. Contestant may only use one model per class. 3 points awarded per "run", one
for first off pad, one for highest altitude, one for first safely down.**

**FFFF will start promptly at 10AM - Check www.kosmo427.org for map of launch site, updates
or call 620-793-7491 for last minute updates. Join us for a day of "fun at mach one !"**