



THE OFFICIAL JOURNAL OF
THE KANSAS ORGANIZATION FOR SPACEMODELING



the **KOSMONAUT**

JANUARY/FEBRUARY 2019

VOLUME 38 NO 1

**MAJOR WINTER STORM DOES NOT DETER
ANNUAL KOSMO MEETING**

By Duane Lanterman

As our annual meeting weekend drew near, it became apparent that a winter storm might just put a halt to it happening. Mark Johnson up in Columbia, Mo. emailed that the forecast in his area assured him that getting to the corner of the block might be a major effort. (Mark received almost 16" by the end of the weekend) . Bob Wingate in Independence, Mo. decided wisely to stay home and watch the Chiefs on TV (the stadium is 2.5 miles from this house) as 10.5" fell by Saturday night. John Palmer another of our Missouri members lives in Joplin and he was at the meeting ! He said he about went into the ditch a time or two , almost turned around, but drove on arriving right on time ! The members from Great Bend Kansas area were a little uncertain about conditions but found the roads in good shape. (the way home was a little hairier) The bulk of the members live around Wichita where the meeting was held and the area received 1" or none at all.

This year we were treated to the facilities of the EAA Chapter 88 in Wichita. Local EAA president and KOSMO vice-president Bill Lindsay had arranged for us to use their very nice building. Those in attendance included Bill and Tina Lindsay, Duane and Sharon Lanterman, Evan Beckman, Keith and Monica Ravenstein, Steve Hamous, John Palmer, Marvin Applegate and guest Charles Lynden an EAA member. KOSMO member and avid BBQ chef Steve Hamous had quite a treat for those in attendance with pulled pork, baked beans, potato salad, chips, and some spicy sausage for those brave enough to indulge. Two of the ladies in attendance, Tina Lindsay and Monica Ravenstein, provided the finishing touches to the meal with two delicious deserts.

After the minutes were read from last year and the treasure's report was given (ending balance of \$1267.46) the election of officers were held and the old soul's from last year were reelected, Keith Ravenstein president, Bill Lindsay VP, Duane Lanterman secretary, Sharon Lanterman treasurer, Steve Saner contest director, Sr. Adviser and webmaster, and Evan Beckman historian.

The 2019 launch calendar was then set.

SpringFest – Ellinwood - March 9 (alternate dates 16,23) 10 am – 5pm

Sport Launch – Hutchinson – April 13 9am-4pm

Sport Launch – Hutchinson – May 4 9am -4pm

KRAMO 39 – Hutchinson – June 1 and 2 Sat. 2pm -dark, Sunday 8am-1pm

Rush Co. 4H Launch – July (tentative)

50th Anniversary Apollo 11 Festivities – Hutchinson July 20 – more to come

Final Frontier Fun Fly – Ellinwood – Sept. 7 (alternate date 14) – 10am-5pm

Rocket'over – Ellinwood – Oct. 19 (alternate date 26) – 10am-5pm

Sport Launch – Hutchinson – Nov. 16 – Noon – 4pm

This was followed by the selection of events of our 39th annual contest KRAMO.

OPEN SPOT LANDING

"B" EGGLOFT DURATION (NRC EVENT)

"1/4 A" PARACHUTE DURATION (NRC EVENT)

"A" BOOST GLIDE DURATION (NR EVENT)

"A" HELICOPTER DURATION

"A" KANSAS ROCKET DRAGS -Single "A" motor, bracket style elimination, points for first off, highest altitude, first safely down. Must fly all rounds with one rocket.

In addition to the contest events and sport flying this year we will be adding Night Flight in with KOSMO. Saturday evening after dark there will be an opportunity to fly lighted rockets. Rockets

must be illuminated throughout the duration of the flight. With the night launch added we decided to move the starting time on Saturday to 2pm and make contest and sport flights available until the night launching begins. On Sunday the event will run from 8am until 1pm.

A Jr. NAR Sponsor candidate was discussed. Bill Lindsay and Steve Saner both had a candidate in mind from the young people they work with and will check into this. If this is done before our Section renewal we would technically have another Jr. Sponsorship available for 2019. Also if the sponsor candidate is interested (and fills out the questionnaire required by our club) in obtaining his or her Level 1 status we are still willing as a club to donate one of our club rockets and a motor for this.

There were no submissions for the Traveling Trophy this year and so Dennis Elder will retain it until next year.

Two of our long time members, Dennis Elder and Kirk Zongker are both dealing with long term serious illness. The club voted to honor both members with a lifetime KOSMO membership.

A PA System, additional stainless steel launch rods, and 6 FRS radios were suggested for the NAR Safety Grant. *(editor note: This request has been approved, Steve Saner will acquire the rods and radios and Steve Hamous will check into a PA system. Thank you NAR !)*

Bill Lindsay reported that several hobby shops in the Wichita area have requested brochures about our club and Steve Saner will work on this. Bill also reported that the EAA has scholarships available to students entering the AeroSpace or Aviation fields. He will be happy to provide more information to anyone who knows of a young person planning to pursue these courses of study. Finally he reported that he has been in contact with the Cosmosphere in regard to the upcoming 50th anniversary of Apollo 11. The events are scheduled for July 20. They would like for our club to have a static display of scale models as well as a variety of model rockets as well as conduct a launch of Apollo era model rockets from the nearby football field. (NASA is planning a mass launch across the country celebrating the first moon landing) There will be food trucks and music and a movie in the evening rounding out the day. Much more as this draws closer !

At the close of the meeting we checked out various members winter projects and checked out Steve Hamous's "office" at the EAA building and his large and varied collection of model rockets .



Illustration 2: No one went away hungry ! Pulled pork, potato salad, cold slaw, chips, hot sausages and two kinds of desert .



Illustration 1: KOSMO member Steve Hamous's other hobby happens to involve some great tasting BBQ !



MORE PHOTOS FROM ANNUAL MEETING



Illustration 2: Bill Lindsay's beautifully finished 3 29mm model



Illustration 1: Duane Lanterman brought several fun models.



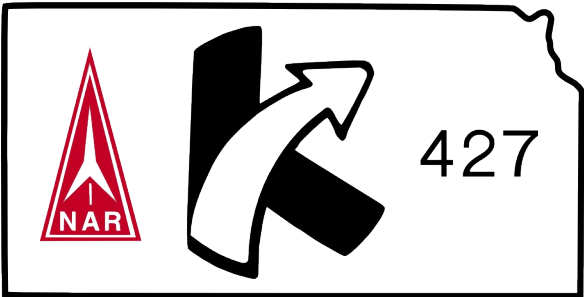
Illustration 3: John Palmer looks wide eyed as he holds his 50th Anniversary Saturn V



Illustration 4: A few of the models from Steve Hamous's office. See one of your favorites ?



Illustration 5: Bill Lindsay's 4" Goblin under construction.



KOSMO - NAR #427

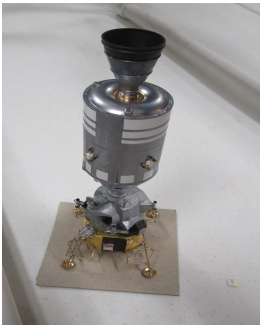


Illustration 6: John Palmer's nicely detailed lunar lander and command module.



Earthrise

by KOSMONaut John Palmer

On December 21, 1968 men from the planet Earth first left the planet. This was the first time that humans left the gravity of the Earth and headed out for another heavenly body. It was amazing in that it was the first time we left the planet *and* the first time men rode the Saturn V. We went to the moon only to discover our fragile little planet hanging in the darkness of space. To honor and remember the journey of Apollo 8, the Cosmosphere held a 50th anniversary celebration of the flight on December 1, 2018. I was able to secure 2 general admission tickets to the event and my daughter Chaun was excited to go with me. We got all dressed up and headed to the state fairgrounds where the event was held. (Too big to be held at the Cosmosphere). I was very excited as this reminded me of our involvement with the Apollo 13 40th anniversary event we did with the Cosmosphere. As we entered the building we were greeted by the staff, given our table assignment, a pin, drink tokens and our silent auction number. Chaun and I wandered around looking at some of the Apollo 8 memorabilia and the items that were up for the silent auction. We also ran into several of my old customers and some of the people that used to work with my daughter. The Cosmosphere said there were people there from all over the US and as far away as Brazil.

We headed back to the VIP section, which we were not allowed in, but we were able to meet with some of the VIPs that happened to be out. One was NASA administrator Jim Bridenstine and Kansas Senator Jerry Moran, saw some others but did not get close enough to talk with them. As we continued to wonder around we spied astronaut Steve Hawley. I went and introduced myself to him and his wife. Then it was time for dinner. After dinner it was time for a Q&A with the guests. The president of the Cosmosphere and author Robert Kurson asked all the questions. It was fun listening to all the stories each told. Charlie Duke, Apollo 16, told us how on his mission, the Earth was way high in the sky and he could not see it except when he jumped up too high and fell on his back. Not something you really want to do on the moon in a space suit. Jim Lovell told us stories from Apollo 8 and how Bill Anders took the famous picture of the Earth rising above the lunar horizon. They were only supposed to take pictures of the moon. When the picture was released it changed the way we think about our planet and started the green movement. There were astronauts from Apollo 7, 8, 13, 16, 17, Skylab and the shuttle. Many flight controllers were there also and told stories of why there is such a great space museum in the middle of Kansas. Some familiar names include Gerry Griffin, Milt Windler and five others from the trenches. All were able to tell stories about the flights they were involved with. We were reminded that most of the flight

controllers were only in their mid 20s when we went to the moon. Lots of responsibility for someone in there 20s.

After the Q&A ended the event was over. This is where a little courage comes into play. In the confusion of everyone leaving I was able to go up and get my picture with Charlie Duke, a highlight of the night. Timing is everything; I was within 1 second of getting my picture with Jim Lovell. We posed, my daughter had the camera ready and the guy in charge said “Jim time to go” and off Jim went. Same thing happened with Fred Haise. Eight years ago at the Cosmosphere I had an opportunity to talk with Milt Windler and was hoping to say hi this night. (not that he would remember me) but the opportunity did not present itself. My daughter and I hung around a little longer but nothing exciting was happening so back to hotel to tell my wife all about the event.



Illustration 2: NASA Administrator Jim Brindestine



Illustration 1: John Palmer and Charlie Duke



Illustration 4: John and daughter Chaun

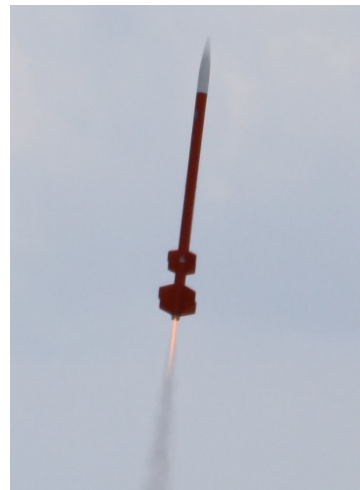


Illustration 3: Flight Director Mission Control Console - used from Gemini 4 to SST 53. Now in Shuttle configuration the Cosmosphere's Space Works is restoring it as it looked in the Apollo Era.



KOSMO LAUNCH CALENDAR FIRST HALF OF 2019

**MARCH 9 SPRINGFEST – ELLINWOOD, KS.
LANTERMAN FAMILY FARM – 10,000' FAA
WAIVER – 10AM-5PM – ALTERNATE DATES
MARCH 16 OR 23 DUE TO SNOW, WIND, MUD,
ETC. - BRING YOUR OWN LUNCH, WATER PROVIDED
LEVEL 1 OR 2 CERTIFICATIONS ATTEMPTS ARE
AVAILABLE**



APRIL 13 SPORT LAUNCH – HUTCHINSON, KS. - STATE FAIR PARKING LOT – 9AM-4PM

The parking lot at the State Fair grounds in Hutch is our low/mid power field. We do limit flights to Class 1 rockets (which generally means up to a G impulse motor max) that can be reasonably be expected to stay within the bounds of the field.

MAY 4 SPORTH LAUNCH – HUTCHINSON, KS.- STATE FAIR PARKING LOT – 9AM-4PM

JUNE 1 AND 2 – KRAMO 39 – HUTCHINSON, KS. - STATE FAIR PARKING LOT

SATURDAY 2PM TO DARK - SUNDAY 8AM- 1PM – This is the 39th annual Kansas Rocket Aero Modeler's Open. This will be an NAR Rocketry Competition sanctioned event, so any NRC flights will be allowed. Please see the front page of this newsletter and our KRAMOPage at our club's website www.kosmo427.org for more details. New this year, a night launch. Rockets with lights will be flown after dark on Saturday. More details at the website also. Note that regular sport launches are allowed and encouraged both days at this event. Even if you are not interested in the competition classes please join us for some sport launches. Of course, once you see how much fun the competition flying is you'll want to do that too !

JULY ? (Date to be determined) - RUSH COUNTY 4H LAUNCH – BISON, KS. - BISON BALL FIELD –

The primary purpose of this launch is for the Rush Co. 4-H kids to launch their 4H projects. However, KOSMO members and anyone else in the area is welcome to come launch some rockets too.

JULY 20 – 50TH ANNIVERSARY APOLLO 11 FESTIVITIES – HUTCHINSON, KS. - We expect to be participating in an event at the Cosmosphere in Hutchinson celebrating the 50th anniversary of the Apollo 11 moon landing. Tentative plans include setting up a static display as well as launching some Apollo era scale models. More details will be available as the event nears.

Renew your membership – Most of you are current on your membership for 2019 but a few are still due. You can either send your check for \$15 made out to “KOSMO” to KOSMO, % Sharon Lanterman, 642 N Homestead Rd. Great Bend, Ks. 67530 or simply bring it to the first launch you attend. Remember your membership also includes launch fees to all launches except KRAMO 39.

LAST MINUTE LAUNCH UPDATES DUE TO WEATHER/FIELD CONDITIONS ARE AVAILABLE ON OUR WEBSITE OR OUR CLUB'S EMAIL LIST.

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 \$15 a year and includes the KOSMONaut (digital version or hard copy, please specify when you join or renew) AND launch fees for all events except KRAMO. Newsletter editor is the current KOSMO secretary Duane Lanterman. Membership and subscriptions checks should be made out to KOSMO and sent to KOSMO Treasurer Sharon Lanterman, 642 N. Homestead Rd. Great Bend, Ks. 67530.