

BOEING EMPLOYEES MODEL ROCKET CLUB

“LAUNCHPAD” MONTHLY

NEWSLETTER

JAN - FEB 2015

VOLUME 1 / NUMBER 1

Welcome to a new news letter and the New Year 2015 !!!!

Changes in the company over the past several years have brought many changes to our club. Some of the changes, like our new launch site arrangement at the Pacific Raceway, have worked out very well, and others, have and will, force changes for several of our membership.

I believe it is time for the club to re-energize and boost into a slightly new trajectory. (OK, enough with the space jargon.)

Observing numerous children, teens, or adults launch their first rocket, I feel that this hobby is one of the most thrilling things a person that is interested in science and space can experience.

Though we have not set foot on the moon for 40+ years, and no more shuttles will rise from their pads, you can see the excitement and anxiety in the possibility that some day we will go again.

To move into the future I would like to propose a few changes in addition to the “launch” of this new newsletter.

1. Develop an associate membership for non-Boeing employees and their families.
2. Start a recruiting campaign through associated organizations like the 4H Clubs, Girl & Boy Scouts, and Home School programs.
3. Select a small group of topics to have non-flying workshops on for instruction, historical education, collecting, or field trips.
4. Select a challenge event once a year like “Big Bertha” or “Snitch” day where everyone creates there special signature version of the challenge to fly.

While these may not all be agreed to, I think it is paramount that we do some of these types of things if we wish for the club to survive into the future.

I am looking forward to a fun year and am happy to have been selected as the new Treasurer.

Kirk Skaggs

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LAUNCH STATUS:

The January, February Launches were great !!!

For January, with the fog and near zero visibility in the launch site vicinity, it was skeptical as to whether the conditions would be open enough, but by launch time the visibility was estimated to be approximately ¼ mile horizontal with about a 900ft ceiling.

PAD PICS:



Estes Honest John, Quest Courier, Estes Shuttle Xpress: Nick Skaggs
Estes Eliminator: Bernard Cawley



(Above & Left)
Nick Skaggs with restored Estes Solar Sailer,
donated by Greg Swanson, Kent BDS.

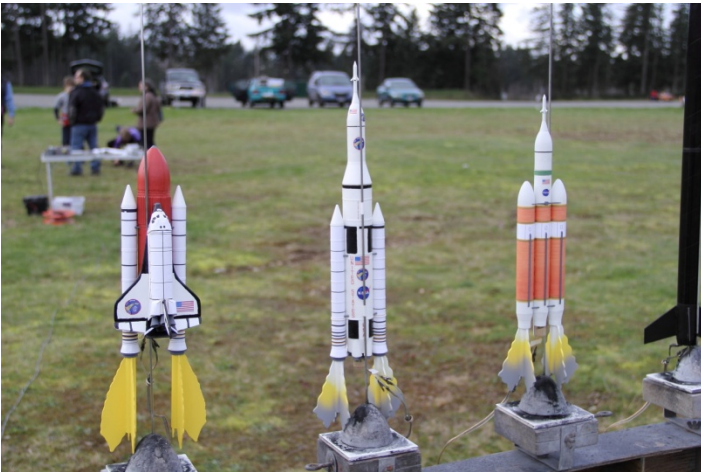


LAUNCH STATUS: (CONTINUED)

For February, it was looking like the weather might not cooperate but after a little wind and lite rain things cleared up and the day was beautiful.

This was also the largest attendance we have had in a long time with several long time and new members and associates, and a great number of young rocketeers !!

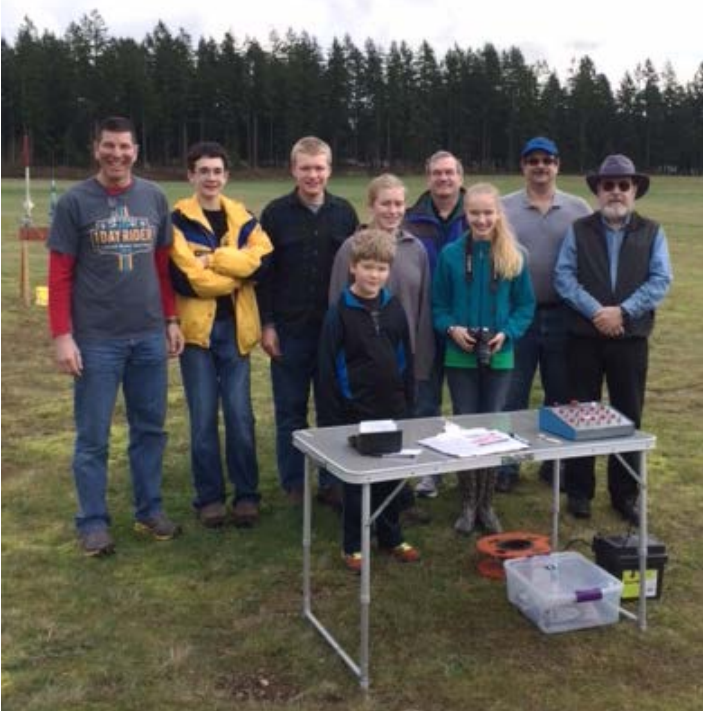
PAD PICS:



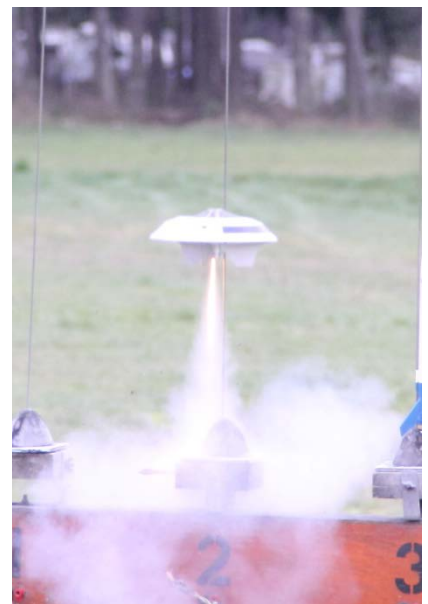
Trio of excellent Dr. Zooch vehicles by Glen & Tim Doggett.



Fantastic shot of the moment of ignition for John Bauer's Estes Screaming Eagle.



Selection of February 2015 launch gang.



3

Exceting launch of an Estes Snitch repainted to resemble the Jupiter II Flying Saucer from the 1960's TV adventure “Lost in Space”. For those of us old Sci Fi nuts !

2015 NAR NATIONAL – SEATTLE:

From all the reports the NAR National Convention was a huge hit. It was a fantastic opportunity to learn about some of the science of Rocketry along with some of the new technologies and products being offered.

As seen in the picture below, a familiar group of BEMRC regulars, and also 4H members, had the great opportunity to meet with two of the icons and founders of much of the model rocketry world we know today, Vern & Gleda Estes.

Vern autographed Matthew’s phenomenally lucky micro Mosquito, and Vern, Gleda and their daughter Betty, signed Sara’s Bright Pink Wizard.

Both Matthew & Sara have retired their autographed vehicles to “Collectors Item” status to display and preserve the signatures of the dedicated celebrities of our hobby.



BEMRC participants with Vern & Gleda Estes
2015 NAR National Convention at the Museum of Flight Seattle.
Alex Juchems, Gleda Estes, Sara Juchems, John Bauer, Marie Bauer, Vern Estes, Matthew Juchems.

FULL SCALE THRUST:

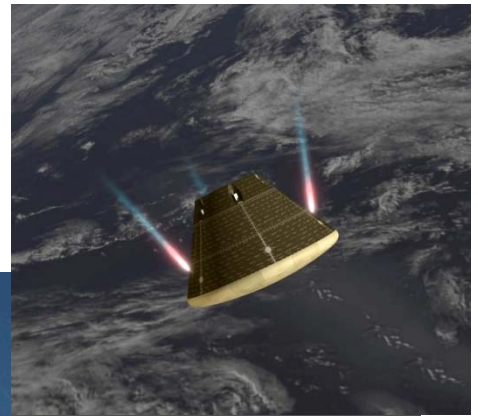
Just to keep a foot in the full scale world of rocketry, I am going to try to include at least one article in each edition of new or historic vehicles.

This edition features the full-up test of the Orion Space Capsule that took place from Cape Canaveral Space Launch Complex 37 in Florida.

This was a historic test, being the first mission to space since Apollo to carry a Man-Rated Space Capsule with a heat shield capable of withstanding the 4000+ F degree atmospheric re-entry temperatures required for safe return.

While the Delta IV Heavy lofted the vehicle for the test, the SLS (Space Launch System) will be the launch vehicle of choice for the actual missions.

Here is the address to the Youtube launch video: <https://www.youtube.com/watch?v=u-iFUj7Jro4>
Look forward to more information on the Orion capsule and the SLS in future editions.



Orion Space Capsule mated to Delta IV Heavy Launch vehicle for first Full-Up systems test.

LAUNCH WINDOWS:

2015 BEMRC Launch Dates at Pacific Raceways:

January 10th
February 14th
March 14th
April 11th
May 9th
June 13th
July 11th
August 15th
September 12th
October 10th
November 14th
December 12th

LAUNCHPAD IMAGES & ARTICLES:

If you take any photos that you think would be really cool for the Newsletter please forward them to me: kd_skaggs@msn.com

Also if you would like to do a review of a new kit, a historic rocket vehicle or event, or a restoration of an old rocket, please write it up and send it to me. I will review it and find a place for it in one of the upcoming *LAUNCHPAD* editions.

LAUNCH VEHICLE DATA:

HERE ARE A FEW LINKS TO SITES THAT HAVE TECHNICAL DATA OR INSTRUCTIONS FOR MODEL ROCKETS.

THESE ARCHIVES ARE A WEALTH OF KNOWLEDGE AND MAKE IT POSSIBLE TO DESIGN A ROCKET FROM SCRATCH, OR RE-CREATE JUST ABOUT ANY OF THE HISTORIC VEHICLES.

<http://www.nar.org/>

National Association of Rocketry

<http://www.nar.org/NARTS/>

National Association of Rocketry Technical Studies

<http://www.oldrocketplans.com/>

Ye Old Rocket Plans

DATA LINKS:

Don't forget to visit the BEMRC Facebook page for more photos and videos of the previous launches, along with upcoming schedules for other area and national model rocketry, space, and aviation related events of interest.

<https://www.facebook.com/pages/Boeing-Employees-Model-Rocket-Club/214804701872759>