

WARP 10



Newsletter #9 July 2017

Club Report

July so far is starting off well.

The 15th of July launch started off at the back baseball field area due to the unannounced notice from anyone that the WyEast middle school parking lot was under construction which made accessing the football field impossible.

The weather from 8:30 am to noon time was low with winds. After noon time the wind did finally arrive. Nonetheless, we had about ten participants show up for the club launch; this was the biggest turn out yet 😊

Daniel Peirce showed up with a nice collection of rockets:



The most important one from Daniels collection today was the Estes Saturn V rocket. Since July 16 2017 is the 48th anniversary of the Apollo 11 launch to the moon. Daniel launched this Saturn V model rocket with a 24mm Aerotech E-18 reload and it was the perfect motor. All of the items came back intact.



<https://youtu.be/QzMNYwq9Xjc>

I had one Pro Series rocket from Estes ready to launch

with one of Aerotech's newest single use 29mm Metalstorm rocket motors. It was a G75-7 motor. It was quite impressive. I will definitely have to buy more of those cool motors.



<https://youtu.be/PXx9bGcdNzM>

Ian Trousdell showed up with some new rockets. He recently finished building the Estes Sprint XL rocket. I offered up an 18mm D13-4W reload motor for his rocket. The first igniter failed to work and on the second

attempt the rocket went up quite high with the reload motor and landed just past the other end of the field on top of an orchard tree. Luckily it came down and all was intact and the reload hardware was cleaned and ready for another launch.

Daniel had a rare rocket model of the Titan 3E. This rocket model kit was first introduced by Estes in 1989 and was being made by them up until 1993.



He launched it with an Aerotech E11-3 black jack reload motor. It was a picture perfect flight:

<https://youtu.be/XgzJVDG6Awg>

Daniel launched his Nike Ajax on an Aerotech F24-4W

reload and it was a great flight:



https://youtu.be/k9Zh0_k1ZGM

Daniel then launched his Interceptor E rocket on a 24mm F44-8 single use Aerotech motor:



<https://youtu.be/lp-zzG4KvPQ>

The F44 24mm motor packs a punch up into the sky. Daniel and every other participant recovered their rockets and that was a good day.

We did have one young rocketeer that had an Estes motor fail. The rocket motor was an A8-3 that burned through in an odd way. It caused the rocket to separate above the engine block due to it burning a hole out the side of its rocket body tube. If a motor failure ever occurs make sure to hold on to the motor and collect any pictures or video for analysis. You can submit a malfunction report at the following link:

<http://www.motorcato.org/MESSForm.aspx>

For more information please check out this site:

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

There are some occasions that if you contact the vendor such as Aerotech and provide as much information as possible, they may send you a replacement motor. This depends on the case of course.