



PHOENIX MISSILE WORKS



LAUNCH REPORT

PHOENIX MISSILE WORKS

TRA #81 NAR #682

LAUNCH REPORT

November 15, 2009

Upon arriving at the field around 8:15am, Don Huff already had 5 rockets loaded on the rails. He was waiting on the rest of the equipment from the bunker so he could get started. Daylight was a wasting as far as he was concerned. When Bob arrived, we got started right away.

Don's research motors are of every flavor, color and size. First up was Hot Rod on a G60 Ole Yellar propellant. Then The Blue Tube 3 flew on a G60 of the 785 propellant. Cheap and Dirty was G60 All fine propellant. Orange juice flew on G60 PBR and Isis on a G60 Tiger Tail. This was all before 9:00am.

Don retrieved all of these and was right back with 5 more rockets loaded and ready to fly. Blue Tube 2 flew on a 785 I220 motor. Blue Tube 4 on a 785 G60. Simple Green had the SSP propellant H120. Glow Stick had H120 R45 Sparky. Little Dog Pomerian had a SSP G60.

Dennis Cotton did a ground test with a propellant, "one that cannot be named". Total impulse was H450. Unfortunately this was a total failure as the case bulged in the middle, the snap ring sheared and flaired the top of case.

Carey Huff loaded The Crow with a SSP I200. Don's propellant motor again.

Don Huff was back with 4 more flights. Test Mule on Ole Yellar H120. Hell Raiser on Wimpy Red H120. Lemonade on the 785 H120 and Sun Spot on the AquaFlame K450. This rocket had an altimeter and went to 7132 feet. Great new propellant.

Lee Brock put a I290 of the Manganise Test propellant in Lil Bit. Altitude 2410 feet. Glad to see you flying again, Buddy.

Chris Short had a White Lightning G60 motor in Loo Onyx. This was a 10 second burn motor.

Jeff Cotton and his family was able to join us and Jeff brought along his Little Dog. He had a P5 I150 motor and flew to 2152 feet.

Kendall Brent flew Green Arow on a K600 Sunset Red propellant motor.

Dennis Cotton flew MoonDawg on an I575 of packable Brass propellant. This resulted in a Cato. The rocket was in pieces and his rail guides were found

later on the rail. (Carl has the rail guides.)

Don Huff loaded Stop Light with a K350 785 propellant motor. Altitude 5156 feet.

Haley Allen was up now with her TRA Level 3 attempt. Girl Power loaded with a CTI M1770 Skidmark made a beautiful perfect flight to 8023 feet. Congratulations on Level 3.

Jeff Cotton's Lil Dog flew to 4007 feet on a Kendall Brent Sunrise Blue I400 motor. Very pretty flame.

Joey Wright had a M1300 P5 motor in Broken Dreams. His rocket was also found on Friday by the recovery team. Altitude was 14,300 feet.

Kathy Huff likes those sparky motors. Houdini loaded with a K530 R45 sparky was next.

Don Huff now has 3 rockets all with R45 Sparkys. Bumfuzzled on I200, Orange Juice and Blue Tube 3 on G60's.

Kathy had Matilda II ready now with Ole Yellar J500.

Melissa Cessna from MTSU was successful in her TRA Level 1 attempt. Her rocket, KSTSR (KayneWest s--, Taylor Swift Rules) flew on an AT I215R to 1808 feet. As we always say "Girl Power".

Don Huff loaded Sky Drill with a 785 propellant I200.

Damien Drury had a 785 propellant K500 in his new rocket, Learning to Fly. I think it knew how to fly just fine as it went 8496 feet. This rocket did not seem to have the same wayward tendencies as Damien's Sugar Baby.

Don Huff had two more flights. Bumfuzzled on a PB Black I180 and Hell Raiser on a 785 I200.

Kathy was back with Matilda II with another R45 Sparky I316.

Nicholas Drumright from MTSU also got his TRA Level 1. His rocket ILSG(I like Selena Gomez) flew on an AT I229. Great job, Nicholas.

If you missed this launch, you missed perfect rocket weather. Hope everyone had a great Thanksgiving. Hope to see you all in December. If you got it, bring it and fly it. We want to see it.

See you at the field.

Carl and Hope

