



## **PHOENIX MISSILE WORKS**

**TRA #81      NAR #682**

### **LAUNCH REPORT**

**OCTOBER 25, 2009**

Day 2 of research weekend. The skies were clear and the fliers were ready.

We want to welcome another new member to our club. Glenn Strickland of Carrollton Ga. Glenn is just getting back into rocketry. I guess that makes him a BAR. He is serious, he went home with new motor hardware. Now all he needs is a rocket.

John Storey was up first with a LOC 3.1 Boattail on an AT K513 Smokey. An altitude of 8600 feet was an amazing start of the day.

Carey Huff flew Test Mule on the Pink Demon propellant H310. A great pink flame.

Kevin Cornelius had a mishap with his Nike Smoke. The rocket was sent up on an AMW K475 but the shock cord broke and we had a core sample with the booster. Altitude was 3456 feet.

Bob Haas flew his Supersonic on an AMW L900 to 9920 feet. Tom Rouse' CD3 system continues to work like a charm. The rocket landed about ¼ mile from the pad in the field.

Kathy Huff seemed more confident in Don's motors as she had a J540 Tigertail in Matilda today. No altitude available.

Todd Correia was back from GA. The first of his flights was his Alpha on an AT I435.

Haley Allen flew her Speed Demon on an AMW J230 Skidmark. Unfortunately we had no chute, but it landed in a large puddle in the field & sustained no damage.

Todd was up now with his My Carbon Footprint on an AT K185. I like those K motors.

Kyle Cornelius brought the Little Dog back today with an AT I1299. This is AT fastest burning propellant, Warp 9. Like the advertising says, If you blink, you'll miss it. Altitude was 4296 feet.

Kathy Huff was back with Houdini with a Wimpy Red J550 motor.

John Storey then flew Expeditious on a Loki K350. The rocket reached an altitude of 1700 feet but resulted in a shred.

Todd had a lot of motors he wanted to burn. An AT J180 propelled the Rapier next.

Kathy Huff retrieved Houdini and immediately loaded it with a K700 of the GA asphalt sparky propellant. I personally think Don should make several hundred more of the GA asphalt motors. Words cannot describe how smooth it was.

Dennis Cotton was giving the Moon Dawg a real workout this weekend. A I200 blue light propellant motor took it to 3476 feet.

Todd's Sky Ripper flew next on a J90.

Kevin Cornelius put a Gorilla K222 motor in his Mongoose 75. Another seperation after reaching 4751 feet put the booster in the field but the nosecone and parachutes are somewhere in the Talladega National Forest.

An I200 of P-5 propellant took the Moon Dawg to 2978 feet for Dennis Cotton.

Max Gray brought out an old rocket he called HickeyDoo. An AT I284 with motor ejection flew it wonderfully.

We had two successful L1 certification attempts. Shelly Hinkle of Austell, GA flew her rocket Tabula Rasa on an H123 and Benjamin Emerson of Atlanta, GA flew Afterburner on an H123. Congratulations to both.

Todd had reloaded the Sky Ripper with a J415 and the Nike Smoke with an I115.

Dmitriy Plaks flew his Long and Slender rocket on a Gorilla K222 to 5200 feet. We hope Dmitriy is able to get a local job when he graduates so we can see him more often.

And the last flight of the day was Todd Correia with a Warp 9 H999 in his Alpha. Again this month, Todd gets the most frequent flyer award.

I am sure everyone knows by now, that at our November launch, Bob will be flying Andromeda, weather permitting. A really must see project. This should be really spectacular with the 300+ lb 20'3" rocket hopefully breaking mach & going to about 12,000 ft . Whatever you have to fly, bring it and join us for another wonderful get together. Our prayers are with Terry's dad for a speedy recovery. Looks like the port a potty is a done deal. Thanks to everyone for your support and cooperation. Also please do not forget to bring FM radios.

See you at the field.

Carl and Hope