

South East Alabama Rocketry Society NAR 572
Green's Grass Farm Launch Site
Site Specific Rules
March 10, 2005

Safety:

These rules apply IN ADDITION TO NAR Safety Code.

1. Pad fire watch- person designated to watch the pad for fire, not watch the rocket, will be in effect for all launches of any size motor.
2. Site specific and wind specific altitude limits apply. Limits are based on 30 fps descent rate assuming a vertical flight, to stay in the field. We want ZERO rockets landing off the field and aggravating the neighbors or the landowner. Additional actions such as tilting into the wind may be needed for slower descent rates, which are common.
3. NO Exceptions to posted altitude limits for winds blowing towards the south or west property boundary, where neighbors are on the other side of the woods. RSO may grant exceptions for flights away from populated site boundary.
4. RSO will give no credit for dual deployment for returning a rocket in the field, for large (5" and up) diameter projects. Our history shows large projects tend to deploy the main at apogee even if dual deployment is intended,
5. Estes lawn darts can start fires. Therefore all complex rockets regardless of size (multi-engine staged or clustered) will be RSO'd to make sure they will ignite reliably, have sufficient speed not to weathercock off the rod, until the rocket is proven in flight.
6. All new flyers, first time at the field, will be RSO'd, all flights, regardless of motor size.
7. High power rockets can scorch the grass particularly with a low blast deflector. Therefore the Magnum pads (low, blue) will have a maximum of "1" motor, and a maximum of 4" diameter rocket.
8. J motors and larger diameter rockets off the Magnum pads require the pad to be on a fire blanket or on bare dirt.
9. J motors and up should normally be launched off the Quad Pod or larger pad.
10. K motors and up require a fire blanket under the pad, or bare dirt.
11. In dry grass conditions ALL high power pads will be placed on blankets or bare dirt (e.g., road).
12. Igniters should be secured to the pad such that a thrown igniter cannot strike dry grass.
13. Projects over 6000' require advance approval by the Site RSO (Section Advisor).
14. LCO is to verify the following before launch
 - RSO check has been performed if required
 - Rod angle is correct
 - Pad watch is observing the pad for fire at the launch of every rocket
 - Range and sky are clear

15. RSO position is either (a) Level 2 certified Local Club Member, or (b) Level 2 certified visitor who is standing the Pad Fire Watch position.
16. Visiting flyers will be RSO'd by local club member.
17. Flying into clouds is not permitted - we will use the lowest of a variable cloud ceiling. No flying into a hole in clouds unless the hole is blue, and 60 degrees wide.

Other Site Rules:

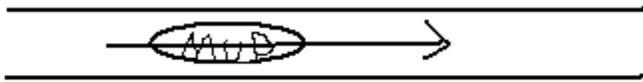
- Absolutely no driving on grass, to dodge potholes or for any other reason.
- Park in designated areas only where ground is hard, to avoid making ruts in the turf.
- All adult flyers are expected to stand a watch as LCO or Pad Watch, or to help with range setup and takedown.
- Pick up all trash now matter how minor, including Estes igniter plugs, etc.
- Fire extinguishers will be places at all pad banks, and appx. 100 yards upwind of the low power pads, where a typical Estes lawn dart will most likely land.
- Range and parking will not be set up on newly seeded ground, nor on turf nearly ready for harvest.

The following picture shows the altitudes for the south launch site. The altitudes are based on wind speed and wind direction.



The following is a reminder for driving through the farm.

Important: Don't damage the Sod



Drive through the mud in the road



Do not drive around the mud onto the grass

Park in designated areas. Damage the sod and we will lose the launch site!!!