



## NSL 2016 Fliers Safety Briefing

### **Purpose:**

This is a standardized safety briefing packet for all NSL 2016 participants and observers. Its purpose is to make you aware of important range safety information. Please, read and apply this guidance while at NSL 2016. Thank you.

### **Personal Safety:**

There will be EMS on scene for medical emergencies, but remember, you are the first line of defense. Dehydration, heat exhaustion, and severe sunburn are real risks during summer in the South. If you are thirsty, you are already dehydrated. Keep any eye out for your family and fellow fliers. Apply sunblock early and reapply often. Ticks, wasps, fire ants, and other insect bites can also be dangerous. Use the buddy system if you walk into the woods to recover a rocket. Think safe.

### **Public Address System:**

There is a public address system for the purpose of making range announcements from the Launch Control Center (LCC). Please, listen for special announcements regarding launches and field safety.

**Range Officials:** The on-duty Range Safety Officer (RSO) is the immediate authority on all rocket launch activities and are located at the RSO station. NSL Director Daniel Cavender and HARA Club Member Chuck Pierce are the two Chief RSOs and the final authority on any safety-related disputes (whether it be perceived rocket stability or poor behavior of participants). Chief RSOs has the authority to expel anyone from the launch site for any safety or behavioral issue(s).

### **Code of Conduct:**

All fliers and spectators are expected to conduct themselves in a safe and responsible manner. Do not lessen others' enjoyment with foul language or unsafe behavior. Alcohol is not allowed at any HARA launch. Weapons are not permitted at any HARA launch. Do not ignite fireworks at any HARA launch. Please clean up after yourself. Trash bags available at the Registration Tent.

### **Launch Waiver:**

The waiver will be in effect from 9am until 5pm each day, and will allow for flights up to 2 miles above ground level (AGL). The recovery radius is 1 mile, though due to the physical dimensions of the field, we recommend that you consider limiting your flights if the winds are high. Please, exercise good judgment. There are dense woods with the occasional home within the 1 mile radius. The Chief RSOs may choose to enforce lower altitude restriction depending on the weather.

### **Range Configuration:**

There are two ranges operating in parallel; Range A - the low-mid power projects, and Range B – the high power projects. The entry points to each range will be separated and controlled by range safety. Keep the lanes open for fliers approaching the RSO station. Avoid congestion around the LCC. The LCC will announce range openings and closings. Do not enter a closed range area.

### **Special Projects:**

All special projects need to be pre-coordination with the Chief RSO Chuck Pierce (Daniel Cavender as backup) in advance of NSL. Special projects are rocket projects that may include but are not limited to complex propulsion or recovery systems, non-typical airframe configurations (i.e. tractor motors, lifting bodies, etc.), canted or off axis motors. If you are not sure that your rocket would be considered a special project, please reach out to the Chief RSOs to talk about your project and allow them to help make that determination with you. Additional information on the project may be required to clear range safety inspection. All field coordination of special projects will need to be through Chief RSO Chuck Pierce (Daniel Cavender as backup).