

RSO (Range Safety Officer):

An RSO's primary responsibility is to confirm to the best of his/her ability that the rockets being launched are safe and the rockets adhere to all NAR/TRA compliance requirements. An RSO **MUST** be certified L2 (or higher) in either NAR or TRA to perform this job duty.

The RSO shall inspect all rockets for proper construction and preparation for launch. The RSO must confirm that the proposed flight will not break the established waiver (12,000 AGL). If there is any doubt – the flyer should be prepared to show flight simulation data. Any complex rockets should be checked with extra caution with regard to launch safety.

The RSO shall mark the NERRF Flight Data Card with his/her approval. Each rocket will also be weighed and that weight indicated on the Flight Data Card. Any concerns about a "Heads Up" flight will also be noted. The RSO shall also check all the information on the NERRF Flight Data Card to ensure the *Range Boss* and *LCO* has sufficient information to launch the rocket without delay. (Cert flight, flights over 5,000 AGL, clusters, air starts, staging, away cell, etc.)

Flyers who have never performed the duties of RSO that are L2 and above are encouraged to work a shift as RSO. NERRF is great place to learn as you can RSO next to more experienced RSO's and bring those new learned capabilities to your home field.

The job of RSO should never be rushed. This is the first line of defense for a safe launch. Again – you must be L2 (or higher) to perform these job duties.