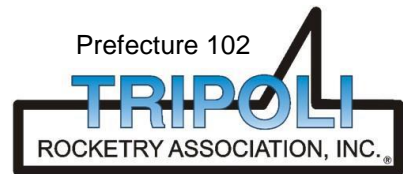


Tripoli Las Cruces Rocket Launch

Range Operations Guide

Revised June 2022



tlc-rocketry.com

BEFORE YOU LAUNCH:

- Flyer's Fee: \$5/day, under 18 are free.
- Each flyer must have a signed TRA Liability Waiver on file.
- Adult flyers must be either a TRA or NAR insured member and show proof of membership.

ACCESS TO THE PADS:

- Under 18 flyers may use the Model Rocket Pads if accompanied by a responsible adult.
- To access the High Power Pads, you must be an adult TRA or NAR member or Jr. L1 certified.
- Adult non-members may assist at the Model Rocket Pads if authorized by the RSO.
- Spectators may not access the pad area and must stay behind the designated access line.

ALTITUDE and MOTOR LIMITS:

- With the recent land developments in the area, the Safety Code imposes stricter limits.
- Our general maximum altitude limit is 5,500 feet above ground level (AGL).
- Our general maximum motor size is a single K or a complex J (impulse sum of all installed motors).
- Exceptions may be allowed with prior permission from the TLC Prefect. (prefect@tlc-rocketry.com)
- Dual deployment recovery is recommended for higher altitude flights and windy conditions.

FLYING A ROCKET:

- 1) Fill out a TLC Flight Card for each of your flights.
 - NAR Contest entries may use a NAR Contest Flight Card instead of a TLC Flight Card.
- 2) Bring your rocket and flight card to the Safety Check table.
 - Your rocket should be fully prepped and ready to fly.
 - HPR rockets must not have the igniter installed until they are on the pad and vertical.
- 3) Be prepared to answer basic questions about your rocket to ensure a safe flight.
- 4) You may have to wait for an available pad with the rod or rail size you need.
- 5) When the RSO/LCO says that the range is clear, bring your rocket to the assigned pad.
- 6) Before connecting the igniter, turn OFF the ARM switch on the Pad Box and the Bank Box.
- 7) Place your rocket on the rod or rail. The angle of the rod/rail must be directed away from people.
- 8) Connect the igniter clips and test the continuity at the Pad Box.
- 9) Flip the Pad Box switch to the ARMED position and return to the spectator area.
- 10) A person assigned by the RSO will ARM the Bank Box after all rockets are ready.

GENERAL GUIDELINES:

- Everyone is a volunteer! Please be courteous and offer to help with range duties.
- The insured range area is owned by Mesa Verde Ranch. The surrounding recovery areas are owned by other State and private landowners. Take necessary precautions when recovering rockets.
- Watch for rattlesnakes. Take water with you. Keep in contact with someone in the range area.
- Refer to the Tripoli Safety Code for additional rules governing Tripoli Launches.