



RIMRA Launch Card Instructions

Purpose

Each flyer must complete one launch card per flight. This card provides the Range Safety Officer (RSO) and Launch Control Officer (LCO) with the information required to confirm flight safety, assign an appropriate launch pad, and identify and contact the flyer during launch and recovery operations.

Basic Flyer Information

Enter your name, model name, cell phone number, and signature. Your phone number allows the launch team to contact you if needed while you are retrieving your rocket.

Membership Information (if applicable)

Enter your NAR or TRA number and certification level only if you are a member. These fields are not required for all flyers. However, you must be an active NAR member to fly mid- and high-power motors (>E) at RIMRA launches.

Rocket Description

Provide manufacturer, length, diameter, and weight. Length and weight are optional for rockets flying on a single low-power motor (A–E). Scales and measuring tools are available at the RSO table if needed.

Flight Information

Select the appropriate flight type: First Flight, Heads Up, Certification, or Other. A 'Heads Up' flight is announced to alert all flyers due to size, speed, complexity, or higher risk. 'Other' includes special flights such as American Rocketry Challenge or demonstration flights. Fill in motor, delay, stage count, and quantity (if clustering).

Stability Information

Enter CG (Center of Gravity) and CP (Center of Pressure) measured from the bottom of the rocket (in inches). These are not required for rockets flying a single low-power motor (A–E).

Recovery System

Select the recovery method (parachute, streamer, dual deploy, etc.). If using Dual Deploy or a Jolly Logic Chute Release, enter the altitude at which the main parachute deploys in 'Altimeter Main at (ft)'.

High Altitude Flights

If your rocket is expected to exceed 1500 feet, include the predicted altitude and how it was determined (e.g., RockSim or OpenRocket).

Flyer Notes

Use this section to provide any additional information relevant to safety or operations, such as staging details, unusual recovery setups, or special flight conditions.

Fields for Launch Staff Only

Launch Pad, L/M/H designation, Flight Results, and RSO sections should remain blank. These will be completed by launch personnel.