

Summit City Aerospace Modelers (SCAM)

Concordia Launch Rules

As of 2/28/23

The Concordia Seminary rocket launch site is a Class 1 site, meaning rockets are limited to 3.3 lbs. (53 oz., 1.5 kg) liftoff weight and 125 g of propellant weight.

We follow the National Association of Rocketry Safety Code at these launches.

New rocketeers – Please ask for assistance if you are unsure about any part of your rocket’s preparation and flight. We are happy to help and want you to have a successful launch!

Additional Safety Rules

1. The rocketeer is responsible for the trajectory of their rocket – no part of the rocket’s flight should be over the spectator area, parking lot, or any residential or inhabited building.
2. Spectators must always stay behind the marked boundary line unless they are assisting a rocketeer.
3. Rocketeers must stay behind the marked boundary line unless they are actively loading a rocket on a launch pad.
4. **Rockets using F or larger motors must use a rail for initial guidance, usually meaning the rocket should have rail buttons or conformal rail guides. Limited exceptions may be allowed by the Range Safety Officer (RSO) if the design of the rocket prevents the use of a rail, such as saucers and certain “Odd-Rocs”.**

For a limited time, the club will have a supply of rail buttons at our launches for field retrofit. Also, rail buttons and guides can be found at all major rocket vendors as well as at www.railbuttons.com.

5. All rockets shall be inspected and approved by the RSO before flight.
6. All flyers must check in with the Launch Control Officer (LCO) prior to their flight to supply flyer/rocket information and receive their launch pad assignment.
7. The LCO will announce and launch each flight.
8. Do not recover your rocket until the LCO announces “The range is open”.
9. Do not try to catch a rocket during its descent.

Be Safe and Have Fun!