

Chapter 6 — Rules

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Funding: The funding granted to each competitor is considered a seed; entrants are not limited by this amount. The limit on stored energy (see below) is intended to make this amount sufficient to build a competitive launcher.

Restrictions on entries:

1. Energy supplied to the launcher, from capacitors, batteries, a flywheel/generator, or other power supply, is limited to 2000 J. This rule prevents unlimited expenditures on power supplies, and focuses the design work on improving the efficiency of the launcher.
2. All contestants must use the same glider. This likewise focuses effort on launcher design. The projectiles will be Estes Gnome rocket bodies ballasted to 25 g, which are 14 mm in diameter and 260 mm long, with larger diameter fins. Replacing the original fins with pop-up fins is permitted. "Regulation" gliders will be supplied on the day of the competition, but obtaining gliders for practice is the responsibility of the competitors.
3. Launchers that use voltages greater than 120 V must submit a circuit diagram and an additional waiver.
4. Event procedures will be based on the National Association of Rocketry *U.S. Model Rocket Sporting Code*, and will be announced in advance of the first competition.