



COLORADO STATE UNIVERSITY
EXTENSION

Rocket Fly Day

- The contest is open to members who are enrolled in the Model Rocketry project and have qualified through their county rocket fly day contest.
- Exhibitors must fly a rocket pertaining to the skill level in which they are enrolled.
- Level 4 rocketeers may use level IV or V rockets.
- Rockets must be launched with **FIRST FLIGHT ENGINES ONLY.**
- Rocketry members are asked to bring their own rocket. Each contestant will be required to launch his/her rocket twice (time and weather permitting).
- Launching equipment will be set up. Members are to supply rocket, engines, igniters, parachutes and wading. A field box is advisable.
- In case of a tie score between competitors, tied participants will launch a third time to break the tie.
- Counties may enter one exhibitor per unit.



Awards given include:

- A Champion and Reserve Champion will be awarded in each unit.
- Overall Grand and Reserve Grand Champions will be awarded to the highest point exhibitor— Units 1-6 Junior and Units 1-6 Senior.
- Highest score overall individual in each age division will receive a trophy.

Rocket Fly Day

Tips:

- The event will be judged on:
 - Construction
 - Flight Stability
 - Range Safety
 - Chute Deployment
 - Landing
- Rockets must be painted.
- Rockets in Units 1-4 must be checked in with the color panel from the kit which indicates engine size or catalog with proof of skill level and recommended first flight engine. Unit 6 must state the size of the first flight engine at check-in.
- Rockets entered in State Fair judging may not be used for Rocket Fly Day competition.



Resources:

Located at Colorado4h.org:

- Rocket Fly Day Contest Requirements
- Contest Judging Score Sheet