

Colorado 4-H Model Rocketry Project Judging Sheet

Member Name: _____

County: _____

Jr. _____ Int. _____ Sr. _____ Year in Project _____

Exhibit: Completed E-Record. Units 1, 2, 3, and 4—One rocket personally built or other display related to work done at respective skill level.

Unit 6—One rocket personally designed built (no kits) and used in related to work done.

Judges may use the back of the form for more comments.

Danish System Award: (Check One)

(For County Use Only)

Blue _____

Red _____

White _____

American System Placing: (Check One)

Champion _____

Reserve Champion _____

Placing 3-10 _____

Grand Champion _____

Reserve Grand Champion _____

Project Level: (Check One)

Unit 1 Balsa _____ Unit 3 _____

Unit 2 Balsa _____ Unit 4 _____

Unit 6 _____

Judging Element 1: 4-H E-Record E=Excellent, G=Good, F=Fair and N/I=Needs Improvement—must have comments

Item	E	G	F	N/I	Comments
Record Cover: Complete or Not Complete: Yes <input type="checkbox"/>, No <input type="checkbox"/>					
Project Goals (Juniors at least 1 goal, Intermediates at least 2 goals, Seniors at least 3 goals)					
Project Info. & Activity Log (Looking for project information—meetings, tours, practices, etc. and time spent on project)					
Demonstration (At least one demonstration— does not have to be in the project area)					
Community Service (At least one community service— does not have to be in the project area)					
Expense Record (Looking for the cost of practicing and making the project)					
How Did You Do? (Looking for the explanation of how the person rated themselves)					
Project Photos (Pictures should show the progress of the project with captions)					
Project Story (Should be related to the project)					
Specific Project Information					
Rockets Built including: skill level, stock kit info, modified kit or self-designed, power-single- stage, multi-stage, cluster, the fuselage, single tube, glider rear engine or glider front-engine or glider canard; engine information; engine code, label code, and type of recovery system					
Rockets Launching Information: Number of times successfully launched, kind of launch pad used, kind of electrical system used; tracking method used; observer's distance from rocket, angle achieved and altitude achieved, any special problems before, during and after launching; and what you did to overcome the problems you encountered.					

Judging Element 2: 4-H Model Rocketry Project Exhibit N/I=Needs Improvement—must have comments

Item	E	G	F	N/I	Comments
Rocket Exhibit ----Meets Guidelines: Yes <input type="checkbox"/>, No <input type="checkbox"/>					
General model construction and quality of display					
Finish Paint System					
Decals—Tight and Straight					
Fin Alignment					
Airfoiling, filling sealing and smoothness of fins					
Reinforcing fillet on fins and launch lug					
Recovery system complete and in place					