



# 4-H Model Rocketry

## Units 1-6

### Judging Sheet

Member Name: \_\_\_\_\_

County: \_\_\_\_\_

Jr. \_\_\_\_\_ Int. \_\_\_\_\_ Sr. \_\_\_\_\_ Yrs. in Project: \_\_\_\_\_

American System Placing: (Check One)	
Champion	_____
Reserve Champion	_____
Placing 3-10	_____
Grand Champion	_____
Reserve Grand Champion	_____
Danish System Award: (Check One) (For County Use Only)	
Blue	_____
Red	_____
White	_____
Project Level: (Check One)	
Unit 1 Balsa _____	Unit 1 Non-Bals _____
Unit 2 Balsa _____	Unit 2 Non-Bals _____
Unit 3 _____	Unit 4 _____ Unit 6 _____

Exhibit: Completed Model Rocketry e-Record and manual for Units 2, 3, 4, and 6 presented in a sturdy binder. Units 1, 2, 3, and 4 ---One rocket personally build or other display related to work done at respective skill level. Unit 6 --One rocket personally designed, built (no kits) and used in unit or display related to work done. Judges may use the back of the form for more comments.

**Judging Element 1:** 4-H e-Record: Complete means that everything has been filled out. Not complete means that there is something missing and needs a comment as to what is missing or why it is not complete. Project will be evaluated on the quality of information completed in e-record (25 percent) and quality of exhibit (75 percent).

Criteria	Complete	Not Complete	Comments
<b>E-Record</b>			
Record Cover			
4-H Projects taking this year			
What activities helped you learn the skills for the project? (workshops, project meetings, classes, contests, etc.)			
What Leadership Development experiences did you participate in?			
Citizenship/Community Service in 4-H			
Demonstration/Presentations/Speeches			
Expense Record			
Project Photos			
Story			

Criteria	Yes	No	Comments
<b>Judging Element 2: 4-H Model Rocket Information</b>			
Rockets Built Information			
Rockets Launched Information			
Completed Questions for Units 3, 4 and 6 in Manual			

Criteria	E	G	F	N/I	Comments
<b>Judging Element 3: 4-H Model Rocketry N/I=Needs Improvement -must have comments</b>					
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 compete and in place					