

## Revised 2018 Kansas 4-H Model Rocket Judging Score Sheet

Exhibitor: \_\_\_\_\_ Class: 5520 5521 5525 5526 5527 5530 5535  
 1=Excellent 2=Good 3=Fair 4 = Shows Promise 5 = Needs Improvement NA= Not Applicable

### General Exhibit Requirements:

Appropriate skill level for age	1	2	3	4	5	NA
No engines or igniters [§ C.13-16]	1					DQ
Display stand less than 8" X 8" X 4 ¼" or stands unassisted [§C.7; E.2; HPRG 8]	1	2	3	4	5	NA
Sturdy support rod not extending past the tip of the nose cone [§ C.7.b; E.2]	1	2	3	4	5	NA
No pre-finished fins [§ D.2-3]	1				5	NA
No Safety Violations Noted [§ C.8; C.18]	1	2	3	4	5	DQ

### Report:

Exhibitor information form completed and signed	1	2	3	4	5	NA
Includes Photo(s) (can have up to 5 pages) [§ C.6]	1	2	3	4	5	NA
Includes Plans [§ C.5]	1				5	NA
Written documented of flight damage (if any) [§ C.11]	1	2	3	4	5	NA
Documented modifications (if any) [§ D.16]	1	2	3	4	5	NA
Altitude measurement described (computer program, altimeter, etc.) [§ C.10]	1	2	3	4	5	NA
Rocket has been flown (staged rockets need only fly the upper stage) [§ C.17]	1				5	NA
Burn ban in effect [§ A.7]	1				5	NA

### Construction:

Fins attached within +/- 2° variation [§ D.4]	1	2	3	4	5	NA
Wooden parts sanded smooth [§ D.6]	1	2	3	4	5	NA
Fin edges rounded or streamlined to reduce drag [§ D.5] (If instructions say to leave flat = NA)	1	2	3	4	5	NA
Launch lug(s) aligned properly and glued firmly [§ D.7]	1	2	3	4	5	NA
Fins and Launch Lug(s) filleted for strength [§ D.7]	1	2	3	4	5	NA
Nose cone snug but not too tight [§ D.10]	1	2	3	4	5	NA
Plastic part(s) seams sanded smooth [§ D.8]	1	2	3	4	5	NA
Body grooves filled [§ D.6]	1	2	3	4	5	NA
Shock cord and recovery system attached [§ C.9]	1	2	3	4	5	NA
Engine Mounts	1	2	3	4	5	NA

### Finishing Quality:

Wooden and paper parts sealed prior to painting [§ D.6]	1	2	3	4	5	NA
Paint smooth and uniform [§ D.11]	1	2	3	4	5	NA
Decals applied smoothly [§ D.11]	1	2	3	4	5	NA
If scale model, correct paint scheme and finished to plans (otherwise NA) See NAR Pink Book for definition [§ D.13-15]	1	2	3	4	5	NA

### Scratch Built: [§ F]

Design is original, not merely a modification of an existing kit [§ F.1]	1	2	3	4	5	DQ
Written description of preflight stability testing with swing test [§ F.5]	1	2	3	4	5	DQ
Flight records indicate stable design [§ F.5]	1	2	3	4	5	DQ
Other:	1	2	3	4	5	DQ

### High Power (2 'D' engines or above): [§ B.3; HPRG]

High Power Information Form completed [§HPRG 3]	1	2	3	4	5	DQ
Older than 14 years of age [§HPRG 1]	1	2	3	4	5	DQ
Has NAR membership (and working on or holds Level 1 cert if applicable). [§HPRG 6]	1	2	3	4	5	DQ
Includes copy of waiver if applicable [§HPRG 7]	1	2	3	4	5	DQ
Flown on an 'I' engine or less [§ B.6]	1	2	3	4	5	DQ
No Safety Violations Noted [§ C.18]	1	2	3	4	5	DQ
Other:	1	2	3	4	5	DQ

Placing:            Purple            Blue            Red            White            Disqualified