

Revised 2017 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	1					DQ
Display stand less than 8" X 8" X 4 1/4" or stands unassisted	1	2	3	4	5	NA
No pre-finished fins	1				5	NA
No Safety Violations Noted	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)	1	2	3	4	5	NA
Includes Plans	1				5	NA
Written documented of flight damage (if any)	1	2	3	4	5	NA
Documented modifications (if any)	1	2	3	4	5	NA
Altitude measurement described (computer program, altimeter, etc.)	1	2	3	4	5	NA
Rocket has been flown (staged rockets need only fly the upper stage)	1				5	NA
Burn ban in effect	1				5	NA

Construction:

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

Finishing Quality:

Wooden and paper parts sealed prior to painting	1	2	3	4	5	NA
Paint smooth and uniform	1	2	3	4	5	NA
Decals applied smoothly	1	2	3	4	5	NA
If scale model, correct paint scheme and finished to plans (otherwise NA) See NAR Pink Book for definition	1	2	3	4	5	NA
Other:	1	2	3	4	5	NA

Scratch Built:

Design is original, not merely a modification of an existing kit	1	2	3	4	5	DQ
Written description of preflight stability testing	1	2	3	4	5	DQ
Flight records indicate stable design	1	2	3	4	5	DQ
Other:	1	2	3	4	5	DQ

High Power (2 'D' engines or above):

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

Placing: Purple Blue Red White Disqualified