

Aerospace

Print

All

Exhibit Introduction

Each county would be permitted to send one rocket and one poster/display board in each grade category (3-5, 6-8, and 9-12). Thus each county could send a maximum of six exhibits to the state fair, 3 rockets and 3 poster/display boards. No "Ready to Fly" or E2X rockets are acceptable in the 4-H Aerospace project.

All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed.

Rockets may be exhibited with a base, but launch pads are not permitted. All rockets must weigh less than 3.3 pounds and considered an amateur rocket according to FAA regulations.

Requirements

~~Level: (Grades K-2)~~

~~Last Modified:~~

~~10/01/05~~

~~State Exhibit Requirements~~

~~No State Requirements~~

Requirements

Level: (Grades 3-5) Stage 2

Last Modified:

10/06/05

Project Completion Recommendations

Complete the activities as indicated in the manual

State Exhibit Requirements

Rocket of your choice, Estes Skills Level 1, 2, ~~3~~ or comparable difficulty or a poster, display board on any topic in the manual(i.e., construct a paper airplane with a poster board explaining why you designed it the way you did). Cluster engine rockets and rockets that take an engine D or above are not permitted in this level.

Requirements

Level: (Grades 6-8) Stage 3

Last Modified:

10/06/05

Project Completion Recommendations

Complete the activities as indicated in the manual

State Exhibit Requirements

Rocket or other aerodynamic object of your choice, Estes Skills Level 2, 3, ~~4~~, or comparable difficulty or poster, display board on any topic in the manual (i.e., glider plane (page 18) with poster explaining design). Cluster engine rockets and rockets that take an engine E or above are not permitted in this level.

Requirements

Level: (Grades 9-12) ~~Stage-4~~

Last Modified:

10/04/05

Project Completion Recommendations

Complete the activities as indicated in the manual

State Exhibit Requirements

Rocket of your choice, **Estes Skills Level 3 or above**, a Box kite or other aerodynamic object of your choice which illustrates principles of flight. ~~Note: Rockets must be a skill level 2 or higher~~ or poster, display board on any topic in the manual (i.e., box kite (page 20) with poster explanation). **Rockets that take an engine G or above are not permitted.**