

“AEROSPACE” - State Fair Exhibit



- ◆ READ AND FOLLOW REQUIREMENTS FOR YOUR DIVISION.
- ◆ **COMPLETE AT LEAST THREE ACTIVITIES IN THE MANUAL EACH YEAR.**
- ◆ FAILURE TO FOLLOW INSTRUCTIONS COMPLETELY MAY RESULT IN A LOWER RIBBON PLACING.
- ◆ CONSTRUCT YOUR OWN MODEL. BUILD YOUR ROCKET OUT OF PAPER, WOOD OR PLASTIC! NEVER USE LARGE METAL PARTS! ALWAYS FOLLOW SAFETY RULES!
- ◆ **DO NOT** EXHIBIT ROCKET WITH ENGINE AND/OR IGNITOR; LAUNCH PAD IS OPTIONAL.
- ◆ **LAUNCHING BEFORE EXHIBITION IS NOT REQUIRED, BUT ON THE DAY OF JUDGING - ALL ROCKETS WILL BE LAUNCHED FOR THE JUDGE. THE LAUNCHING WILL TAKE PLACE AT NOON. THEREFORE, ALL AEROSPACE EXHIBITORS NEED TO BE PRESENT FOR THE LAUNCHING PART AT NOON.**
- ◆ TURN IN YOUR COMPLETED MANUAL WITH YOUR EXHIBIT.
- ◆ ALL POSTERS must be displayed horizontally, 22” X 28”, mounted on firm backing, covered in clear plastic and exhibit label in lower right hand corner.
- ◆ 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.

EXHIBIT:

Level 1 - Grades 3, 4, & 5 - Rocket of your choice, Estes Skills Level 1, 2, 3 or comparable difficulty.

No “Ready To Fly” or E2X rockets are acceptable in the 4-H Aerospace Project.

-OR-

A poster or display board on any topic in the manual (for example: construct a paper airplane with a poster board explaining why you designed it the way you did).

★Curriculum – Stage 2 Manual (BU-6843) Lift Off

Level 2 - Grades 6, 7, & 8 - Rocket or other aerodynamic object of your choice, Estes Skills Level 2, 3, 4 or comparable difficulty.

No “Ready To Fly” or E2X rockets are acceptable in the 4-H Aerospace Project.

-OR-

A poster or display board on any topic in the manual (for example: glider plane (page 18) with poster explaining design).

★Curriculum – Stage 3 Manual (BU-6844) Reaching New Heights

Level 3 - Grades 9 thru 12 - Rocket of your choice, Box kite or other aerodynamic object of your choice which illustrates principles of flight. NOTE: Rockets must be a Skill Level 2 or higher.

No “Ready To Fly” or E2X rockets are acceptable in the 4-H Aerospace Project.

-OR-

A poster or display board on any topic in the manual (for example: box kite (page 20) with poster explanation).

★Curriculum – Stage 4 Manual (BU-6845) Pilot in Command

STATE FAIR: We can send one rocket and one poster/display board in each grade category. Therefore, we can send a maximum of six exhibits to the state fair - 3 rockets and 3 poster/display boards.

Look at the current year project guidelines for exhibit due dates and locations.

