

# Department Y

## OPEN CLASS ROCKETRY

Mike Cheely, Dennis Elder, Superintendents

1. Rockets may be exhibited on their launch pad. however, if exhibited without launch pad, each must be able to stand freely by itself.
2. Fin angles must be within  $\pm 2$  degrees.
3. Igniters are not allowed.
4. Instructions must accompany kit rockets in order to determine skill level. Plans must accompany rockets of original design.
5. Firing will take place Saturday, August 6, at 8:00 a.m. at the Rush Co. Airport. Open class will launch following 4-H. Department superintendents will determine if launching will be postponed or canceled in case of inclement weather.

### Section 1- DESIGN

- Class 101 Kit, single stage, skill level 1 & 2
- Class 102 Kit, single stage, skill level 3 & 4
- Class 103 Kit, multi stage, skill level 2, 3 & 4
- Class 104 Original design, multi stage
- Class 105 Original design, single stage
- Class 106 Original design, cluster engines

### Section 2- PERFORMANCE

- Class 201 Kit, mini engine, skill level 1 & 2
- Class 202 Kit, A-B-C-D engine, skill level 3 & 4
- Class 203 Kit, multi stage, skill level 2, 3 & 4
- Class 204 Kit, cluster E-F-G engines
- Class 205 Original design, multi stage
- Class 206 Original design, single stage A-B-C-D engines
- Class 207 Original design, cluster A-B-C-D engines
- Class 208 Original design, E-F-G engines