Student(s) Name(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

School Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Center Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| **Specifications Check List:** | **If Yes** | **If No** |
| Ready-made kit was usedRule #1: Section: Rules | DQ |  |
| Glider is made out of balsa wood, glue, and claySection: Materials |  | DQ |
| Metal objects were used Section: Checklist | DQ |  |
| The glider is decoratedSection: Checklist | DQ |  |
| Decals were usedSection: Checklist  | DQ |  |
| Material which could be construed as an extra surface finish was usedSection: Checklist | DQ |  |
| Glider has a flushed notch on the underside of the fuselageRule #4: Section: Rules | DQ |  |
| Contestant’s name(s), school, and center are clearly visible on the glider, must be written in sharpie pen or equivalent. *(If information is provided on a separate tie-on label—student MUST launch glider with label attached)*Rule #6: Section: Rules |  | -10% penalty |
| Glider is competition-ready (*Modifications not allowed)*Rule #7: Section: Rules |  | Can result in DQ |
| **Overall Specification Check** | **Pass** | **Fail** |

*Check all that apply and indicate mistrial.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Performance Test:** | **Launch Angle < 60°** | **Launch Distance < 6ft.** | **Nose Infraction** | **Mistrial** |
| 1st trial time: |  |  |  |  |
| 2nd trial time: |  |  |  |  |
| 3rd trial time: |  |  |  |  |

Scoring Formula for project without penalty:

**Longest time traveled + second longest time traveled = Final Score**

Scoring Formula for project with penalty:

**Longest time traveled + second longest time traveled – 10% = Final Score**

**Final Score: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**