**Water Bottle Rocket Judging**

**Construction and Operation Judge’s Evaluation Form (WBR) – In Person**

Elementary School Division

|  |  |  |  |
| --- | --- | --- | --- |
| **Official School Name** |  | | |
| **Official School District** |  | **State** |  |
| **SECME Team Name** |  | | |
| **Student Name #1**  **(Mission Captain)** |  | **Grade** |  |
| **Student Name #2**  **(Mission Specialist)** |  | **Grade** |  |
| **Student Name #3**  **(Mission Specialist)** |  | **Grade** |  |
| **Judge’s Name** |  | **Date** |  |

**WATER BOTTLE ROCKET REQUIREMENTS: Requirement Met (check one):**

**Overall Height: (maximum 76 cm) Yes No**

**Fin Width Distance (from pressure vessel): (maximum 10 cm) Yes No**

**Nose Cone Tip Radius: (minimum 1.5 cm) Yes No**

**Throat Exit Clearance: (minimum 7.5 cm) Yes No**

**SCORING: Hangtime (s)**

**JUDGE #1 NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**JUDGE #2 NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**JUDGE #3 NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**AVERAGE HANGTIME (s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**FINAL SCORE CONSTRUCTION AND OPERATION:**

**FINAL SCORE: =**

**NOTE: The maximum final elementary Water Bottle Rocket score is 100 pts.**

**Judge’s Comments (please use the back page for additional space.)**