

State Science Olympiad 2010 - Wright Stuff B

This is to be used with the excel spreadsheet found at www.soinc.org

Team Number: B__ Team Name: _____

Student Names: _____ Final Score: _____

Do not write below this line.

Construction Parameters

| | Flight 1 | | Flight 2 | |
|--|----------|---|----------|---|
| Only used legal materials (ie. no solid balsa wings nor tail assemblies, no pre-glued joints, no pre-covered surfaces) | 1. Y | N | 10. Y | N |
| Mass of plane throughout the flight (excluding the motor) ≥ 7.0 g | 2. Y | N | 11. Y | N |
| This is a monoplane (only one set of wings) | 3. Y | N | 12. Y | N |
| Wingspan ≤ 40.0 cm | 4. Y | N | 13. Y | N |
| Horizontal projected stabilizer span ≤ 28.0 cm | 5. Y | N | 14. Y | N |
| Propeller with diameter ≤ 20.0 cm | 6. Y | N | 15. Y | N |
| Mass of rubber motor ≤ 1.5 g | 7. Y | N | 16. Y | N |
| Plane is clearly labeled | 8. Y | N | 17. Y | N |
| Wing chord ≤ 7.0 cm (bonus only) | 9. Y | N | 18. Y | N |

Others

| | | | |
|--|--|---|---|
| 19. Teams did not receive outside assistance, materials or communication | | Y | N |
| 20. Team provided flight log | | Y | N |
| 21. Flight log is complete | | Y | N |
| 22. Participation Points Only (ie. Device cannot be judged) | | Y | N |
| 23. Disqualified (notify the team and their coach as soon as possible) | | Y | N |

1st Flight Time

24. _____ sec 25. _____ sec 26. _____ sec (To the nearest 0.01 second)

2nd Flight Time

27. _____ sec 28. _____ sec 29. _____ sec (To the nearest 0.01 second)