

# Wright Stuff Score Sheet 2010 (rev 2/8/10)

Full School Name: \_\_\_\_\_ Circle: V JV1 JV2 JV3

Full Student Names: \_\_\_\_\_

## Check-In: mark any violations

*(Joints may be reinforced with tissue paper or thread soaked in glue, Plastic or rubber o-rings may be used to attach motor, wire/paper or plastic tubes/rubber bands may be used to attach major components, any dense material may be used for ballast)*

- 1. Plane is a monoplane \_\_\_\_\_
- 2.a. Only materials used are wood, paper, plastic film covering, carbon fiber, tape and glue \_\_\_\_\_
- 2.a. No solid balsa wings or tail assembly \_\_\_\_\_
- 2.a. No pre-glued joints or pre-covered surfaces if from a kit \_\_\_\_\_
- 2.e. Propeller assembly is single, 2-bladed commercially made from plastic, 20.0 cm diameter or less \_\_\_\_\_
- 2.c. Total mass of plane is 7.0g or more, excluding rubber motor \_\_\_\_\_
- 2.f. Total mass of single rubber motor including o-rings is 1.5g or less \_\_\_\_\_
- 2.g. Plane is marked with team name or number \_\_\_\_\_
- 2.d. Wingspan is 40.0cm or less, (STATES ONLY- measure wing chord for bonus \_\_\_\_\_ cm) \_\_\_\_\_
- 2.d. Stabilizer (tail) is 28.0cm span or less \_\_\_\_\_
- 3.c. Team has flight Log with at least 6 parameters for 10 flights \_\_\_\_\_ \*\*
- 3.c. Log contains required 3 parameters: motor size, # of turns on motor at launch, flight time \_\_\_\_\_ \*\*
- 3.c. Mark here if flight log is missing completely \_\_\_\_\_ \*\*\*

## Scoring:

Time aloft in seconds (recorded to the hundredth of a second): (Use the better score for final)

Flight 1= \_\_\_\_\_ Flight 2= \_\_\_\_\_

\*\*If flight log was incomplete, deduct 10% by multiplying Total time aloft by 0.9

\*\*\*If flight log was missing completely, deduct 30% by multiplying Total time aloft by 0.7

BONUS (STATES ONLY)- If wing chord is 7.0 cm or less, add 30% to time aloft (multiply by 1.3)

## Tier:

Teams that did not meet all requirements under Check In are dropped into a 2<sup>nd</sup> tier. This does not apply to flight logs since logs have their own specific penalty.

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

Final Tier: \_\_\_\_\_

Comments: (explain DQ or PS here)