



WRIGHT STUFF C – 2019

Rank: _____
Final Score: _____

Team Number: C ____ Team Name: _____

Student Names: _____

CHECK-IN: (Up to 2 Airplanes)

Airplane A Airplane B

Construction Parameters and Competition Parameters:

3.a. Kits, if used, do not contain any pre-glued joints or pre-covered surfaces.	Y	N	Y	N
3.b. Boron filaments are not used in the construction of the airplane.	Y	N	Y	N
3.c. Total airplane mass throughout flight (excluding rubber motor) ≥ 8.00 g.	Y	N	Y	N
3.d. The airplane is a monoplane (one wing) with horizontally projected wingspan ≤ 35.0 cm, and wing chord ≤ 7.0 cm	Y	N	Y	N
3.e. Variable-pitch propellers that include mechanisms to actively change the blade diameter or angle are not used.	Y	N	Y	N
3.f. A rubber motor of any mass is the sole power for the airplane after release.	Y	N	Y	N
3.h. The airplane is labeled so that the event supervisor can easily identify to which team it belongs.	Y	N	Y	N
3.i. Students are able to answer questions regarding the design, construction, and operation of the device.	Y	N	Y	N
4.b. Participants do not receive outside assistance, materials, or communication once they enter the cordoned off competition area to practice, to trim, for inspection, or to compete.	Y	N	Y	N
4.m. Participants do not steer the airplane during flight.	Y	N	Y	N
PLANE MET ALL CONSTRUCTION AND COMPETITION PARAMETERS ABOVE	1. Y	N	3. Y	N

Bonus

5.c. The airplane has the surface of the wing between at least 2 ribs of the leading and trailing edges or at least one of the wing tip fences completely marked with black marker or black tissue or the whole surface is black if no ribs are present.	2. Y	N	4. Y	N
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Flight Log

5.d-e. Is flight log complete, incomplete or not present? (Circle one) <i>Complete means including 6 or more parameters (including motor size before windup, number of turns on the motor or torque at launch, and flight time) for 10 or more test flights prior to the competition.</i>	5. Complete
	Incomplete (10% deduct.)
	Not present (30% deduct.)
5.b. Is the first airplane flight, trim or official, launched within 3 minutes of the return of motors?	6. Y N

OFFICIAL FLIGHTS: (Teams may use the same airplane for both flights)

1st Flight

2nd Flight

Which Airplane from above is this flight using?	7. A	B	11. A	B
4.k. Flight Time	Timer 1	8. __ min __. __ sec	Timer 2	9. __ min __. __ sec
	Timer 3	10. __ min __. __ sec	Timer 4	11. __ min __. __ sec
General Rule: Disqualified (notify the team and their coach as soon as possible)			15. Y	N