## GLIDER A — GLIDER B  ← CHECK-IN (UP TO 2 GLIDERS)

**Construction Parameters:**

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3.b. Glider does not use components with pre-glued joints or pre-covered surfaces.

3.c. Glider is constructed using only wood, foam, paper, plastic film, carbon fiber, tape, thread, glue and/or ballast. Any ballast is a malleable non-metallic substance.

3.e. The mass of the glider throughout the flight is > 3.0 g and < 10.0 g.

3.f. Wingspan does not exceed 28.0 cm at any time.

3.g. The blunt nose of the fuselage, when inserted into a lip balm cap, does not touch the end.

3.i. Glider is labeled so the Event Supervisor can easily identify the team to which it belongs.

### Bonus:

- 5.b. Team’s first flight (trim or official) is launched within 1 minute after picking up their glider.

### FLIGHT LOG

**8. Complete Incomplete (10% deduction)**

- Complete means including 4 or more parameters (including estimated/recorded peak flight height after launch, approximate length of elastic, flight time, and 3 additional) for 10 or more test flights prior to the competition.

**5.e-f. Is flight log complete, incomplete or not present? (Circle one)**

- Complete:
  - 1ST FLIGHT: T
  - 2ND FLIGHT: F
  - 3RD FLIGHT: T
  - 4TH FLIGHT: F
  - 5TH FLIGHT: T

- Incomplete:
  - 1ST FLIGHT: F
  - 2ND FLIGHT: T
  - 3RD FLIGHT: F
  - 4TH FLIGHT: T
  - 5TH FLIGHT: F

- Not present:
  - 1ST FLIGHT: T
  - 2ND FLIGHT: F
  - 3RD FLIGHT: T
  - 4TH FLIGHT: F
  - 5TH FLIGHT: T

**Additional Parameters:**

- 3.h. The launch handle(s) is/are < 1 m long in any orientation, supported completely by a participant, and of a safe configuration. The elastic used in the launch handle is non-metallic, is in contact with the glider throughout the launch, and remains on the launch handle.

- 4.b. Participants wear eye protection at all times and 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.

- 4.g. Glider is launched from a launch handle by a single participant at floor level.

- 4.n. Glider is launched while aimed at the ceiling.

- 4.o. Participants do not steer their glider during the flight.

**Flight Times**

- Timer 1: 15.00
- Timer 2: 20.00
- Timer 3: 25.00

**FLIGHT MEETS ALL PARAMETERS ABOVE**

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**THE INFORMATION HERE SHOULD NOT BE INTERPRETED AS AN EXTENSION OF THE RULES. THE OFFICIAL RULES IN THE CURRENT RULES MANUAL, RULES CLARIFICATIONS/CHANGES, AND FAQs TAKE PRECEDENCE. © SCIENCE OLYMPIAD INC.**