

RDL Jr.Competition Safety Inspection Checklist

Robot Specifications

Robots must meet **all criteria** below to pass inspection:

- ☐ Dimensions: No more than **26 cm (L) × 26 cm (W) × 26 cm (H)** in starting configuration
- ☐ Wires are securely attached to the frame and organized in a safe, secured configuration
- ☐ No exposed wires
- ☐ Batteries do not exceed **12V**
- ☐ Clearly visible and labeled **ON/OFF control switch**
- ☐ No sharp edges (robot must not disregard the Four Laws of Robotics)
- ☐ **No hydraulic systems**
- ☐ Pneumatic systems (if used) include a **pressure relief valve** and are limited to **50 PSI**

Drone Specifications

Drones must meet **all criteria** below to pass inspection:

- ☐ Maximum size: Diagonal distance from propeller tip to propeller tip (fully extended) does **not exceed 175 mm**
- ☐ Propellers are shrouded with protective devices

*Teams can use any means of programming the drone. When not in use or during transportation, it is advised to remove propellers to ensure