

INSPECTION CHECKLIST

Inspector Signature: _____

Team Member Signature: _____

Check the box next to each rule when the team/vehicle is confirmed to be in compliance. Initial next to the word "Pass" above when the team passes inspection. Note that each team may bring multiple drones and robots to an event, provided they all meet the following inspection criteria.

Teamwork Drone Requirements		Robot Requirements		Solo Match Drone Requirements	
☐	The teamwork drone is a MINDS-i Drone (MCK-ADCP-MR2 or CPK-UAM2-001).	☐	The robot fits within a 15" x 15" x 15" volume throughout the match.	☐	The solo match drone is a Robolink CoDrone EDU or CoDrone EDU JROTC drone.
☐	MINDS-i Beams, MINDS-i Motor Mounts, & MINDS-i Safety Ducts are from MINDS-i Education.	☐	The robot only has one battery, with a maximum capacity of 1500mAh.	☐	The solo match drone and electronics have not been modified other than allowed decorations.
☐	XRotor F7 Flight Controller and XRotor 4-in-1 Speed Controller are from MINDS-i Education.	☐	The robot is controlled wirelessly using 2.4 GHz or Bluetooth.	☐	Replacement motors, propellers, frames, and drone batteries are all identical, official parts.
☐	The teamwork drone does not include pneumatics.	☐	If used, the pneumatic system includes a visible pressure gauge and a pressure release valve, and isn't pressurized above 50psi.		
☐	The teamwork drone has appropriate safety ducts for each propeller.	☐	The robot will not leave damaging or permanent residue (non-marking) on the field or floor.	Questions for team members	
				☐	Do you understand the game rules as written in the most recent volume of the game manual?
☐	The teamwork drone has red and blue license plates (minimum 3" wide by 1" tall) with the team number clearly visible.	☐	The robot has red and blue license plates (minimum 3" wide by 1" tall) with the team number clearly visible.	☐	Do you affirm that the designing, building, and programming of the competition vehicles were done only by the students on this team?
☐	The teamwork drone does not include materials that pose a safety risk or could damage the field or floor.	☐	The robot does not include materials that pose a safety risk or could damage the field or floor.	☐	Do you affirm that all custom parts on teamwork drones and/or robots are designed by student team members?
☐	The teamwork drone does not have parts that intentionally detach or leave mechanisms on the field.	☐	The robot does not have parts that intentionally detach or leave mechanisms on the field.		