

Team Number: _____ Attempt: 1 _____
 Inspection Type: _____ Initial 2 _____
 _____ Mandated 3+ _____
 _____ Random



CREATE Drones Challenge Inspection Checklist 2019 - 2020

Phase I

Size/Team-Serial No/Notebook Inspection:

	Drones with add-on equipment is no larger than 18" x 18" x 18".
	Team-built mechanism is no larger than 18"x18"x18".
	Team Number is easily and clearly visible during races from two sides on both drones.
	Team has 2, and only 2, standard unmodified drones ready to compete. (If only 1 drone, -1 inspection)
	Drone serial numbers have been logged.

Phase II

Overall Inspection:

	Neither drone on any component of the drone has been modified in any way.
	Drones do NOT contain any components which will be intentionally detached on the playing field or have any components that could damage the arena.
	Drones do NOT contain any sharp edges or corners.
	Any grease is used only in moderation on components that do not contact the field, objects, or other Drones.
	An 7.5" x 9.75" engineering notebook written in pen has been submitted. (-1 if not in pen.)
	Team number is clearly marked on the outside front of the engineering notebook.
	Chair (optional) is small, easy to transport, and has good padding on feet to protect floor.

Parts Inspection:

	Only standard drone, or standard replacement batteries are used.
	No rare earth magnets or electromagnets, other than those used in drone motors, have been used.
	No part, or set of parts, that inhibits the normal operation and/or communication of other Drones, has been used.
	No power sources other than batteries, compression (rubber bands, springs, etc.), or gravity have been used.

Team-built Object(s):

	Team-built mechanism is safe to operate, will not damage/scratch the floor, or arena.
	All drone add on components have been presented and reviewed.
	All combinations of drone/add on components have been reviewed.

Interview:

	Interview completed.
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Reason for failure (if any):

Inspection score (8-10 if passed inspection on first try. 5 if passed on 2nd try, 0 if not passed in 2 tries: Score _____

I hereby state that all of the above is true, and to the best of my knowledge all rules and regulations have been followed.

Inspector: _____

Participant: _____