

DRONE RACING SAFETY

EVENT SITE SAFETY CHECKLIST

I. Advanced Planning

1) Have you assigned race roles?

a) Race Director

b) Drone Manager

c) Drone Handlers

d) Area Managers

e) Are all persons in race roles properly trained and qualified to carry out their assigned duties and responsibilities?

2) Have you laid out your event site?

a) Does your layout adequately segregate spectators from other functions?

b) Does your layout provide adequate ingress and egress points and comply with all local fire codes?

c) Does your layout designate where all event staff should be and allow them to carry out necessary responsibilities?

3) Have you procured all protective infrastructure?

a) Netting (minimum 100 pound test strength)

b) Barricade (bike rack or something similar)

c) Signage

d) Fire Kits

4) Have you set-up your protective infrastructure?

a) Are all people 100% isolated from areas of drone operations by netting or a

b) Is barricade set to ensure all people, including staff, pilots, and spectators, are kept at least 5 feet back from any netting?

c) Are any spectator viewing areas set back at least 5 feet from the barricade?

d) Is signage placed in all key areas (including marking exits and restricted areas)?

e) Are fire kits placed throughout the event site and race course?

f) Are fire kits clearly labeled with visible signage?

EVENT SITE SAFETY CHECKLIST CONT'D

5)	Have you established clear audio and visual methods for communicating the Course Status, and acquired any equipment required?
	a) Have you acquired any equipment needed to facilitate communicate between event on race day?
	b) Have you acquired any equipment needed to communicate the Course Status System?
	c) Have you acquired any equipment necessary to contact first responders?
6)	Have you prepared briefings for everyone on-site, including:
	a) All event staff
	b) Pilots
	c) Spectators
	d) Any other people at the event
7)	Do briefings include, at a minimum:
	a) Roles and responsibilities at the event
	b) Reporting structure
	c) Entrances and exits for the event
	d) On-site safety protocols
	e) Relevant Emergency Action Plans
	f) The course status system
	g) Explicit call-out that no one may touch drones or batteries except Drone Handlers
	h) First responder contact information (Police, Fire, EMS)
	i) Prohibited or restricted areas
8)	Have you established clear audio and visual methods for communicating the Course Status, and acquired any equipment required?
9)	Have you written Emergency Action Plans for all foreseeable Emergencies (including at a minimum Fires, Evacuation, Medical, Inclement Weather)
10)	Do you have a clear process established for a compromised LiPo battery?

EVENT SITE SAFETY CHECKLIST CONT'D

II. Race Day

1) Have you done a walk through of your event site to ensure there are no basic event safety risks (e.g. trip hazards, unmarked exits)?

2) Have you ensured that all drones are being stored with batteries removed?

3) Are propellers being removed before drones receive maintenance?

4) Are you utilizing the Course Status System at all times?

a) Are you conducting thorough visual sweeps of the course and ensuring it's empty and clear before closing it?

5) Are Drone Handlers the only people on site handling drones or batteries?

a) Are Drone Handlers stationed in a safe and secure area when the course is closed?

6) Are all batteries on site being kept in a fire resistant container and stored in cool, dry conditions? Are you following all safety expectations of the manufacturer?

7) Have any and all new parties on-site been briefed (ex. spectators)?