

If you have any questions, please contact us using the emails below or call 318-342-1323

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Supplies:

- ³ FPV Unmanned aircraft of your choice weighing below 10 pounds
- ³ Landing Pad
- ³ Visual observer
- ³ Camera person (PIC)
- ³ Sufficient amount of batteries
- ³ Extension cords
- ³ Any additional supplies your team may need

Definition of terms

- ³ DNS: Did Not Start – Aircraft fails to cross start gate.
- ³ DNF: Did Not Finish – Aircraft fails to complete all requirements set out by the respective competition guidelines.
- ³ DQ: Disqualified – Disqualification parameters outlined herein.
- ³ OOB: Out of Bound General Rules

General Rules

- ³ No drone should be flown directly above any group of people not directly associated with that team or competition
- ³ All team members must attend a safety briefing and sign the safety sheet outlining the expectation of the competition
- ³ All drones must be able to maintain a hover mid air
- ³ Pilots must use FPV to pilot aircraft. This can be with goggles or a ground station, LCD type display

Field / Course

- 3 Drone recovery crews must not enter the field until all aircraft have landed. Drone recovery crews must expediently remove all airframe parts, components and various debris from the field and do a quick analysis of the airframe to see if all parts have been retrieved. If an airframe is still powered and props are spinning, crew members must try to safely indicate via hand signals through the pilot camera the Thumbs Down signal to indicate to the pilot to power down their aircraft. In all cases do not attempt to handle an aircraft that has motors engaged, spinning or is on fire. Use the metal plate in order to cover the craft and attempt to neutralize.
- 3 All flights are grounded while there are personnel actively on the field. Personnel engaged in active recovery of any airframe must immediately remove all battery power from the aircraft upon contact.
- 3 The field is restricted to grounds and airspace, and only authorized personnel are allowed on the flying grounds

Emergency or Fail-Safe Procedures

- 3 Should a team lose control of their aircraft, the team must attempt a safe landing, fly into a prescribed, crash, 'catch' zone net, cut throttle in a safe area or execute a fail- safe procedure in a safe area.
- 3 If a pilot loses video, they must immediately execute a fail-safe procedure and/or attempt to land the aircraft via Line of Sight.
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- 3 At the starting position, teams' drone should be hovering at 15 – 20 ft above their landing pad waiting until the start of the course
- 3 At the start of the course teams are to fly the designated route ensuring they fly through all obstacles placed and label.
- 3 Teams should maintain an altitude of 15ft AGL
- 3 Teams are not allowed to fly above the obstacle height
- 3 First drone to reach the finish line wins that round of the competition