

Component Inspection

The Parrot Mambo Fly (STOCK DRONE) is the only allowed source for the following **unmodified** components:

<input type="checkbox"/> Batteries – All batteries used in competition are in good working order (check for bulging, leaking, etc.)	D3, D5
<input type="checkbox"/> Electronics – Should be unmodified	D3, D5
<input type="checkbox"/> Motors (4) – Should be unmodified	D3, D5

Drone Inspection

<input type="checkbox"/> Drone Utilizes exactly four (4) motors with propellers attached.	D4
<input type="checkbox"/> Drone Utilizes exactly one (1) Stock Battery as the only power source.	D6
<input type="checkbox"/> TEAMS are permitted to have one (1) spare DRONE. The spare DRONE must be identical to the TEAM'S primary DRONE (including ATTACHMENTS) or a STOCK DRONE.	D8
<input type="checkbox"/> TEAMS must create a way to identify their ALLIANCE color during tournament play.	D9
<input type="checkbox"/> DRONE modifications and ATTACHMENTS should be colored in a way that does not interfere with a REFEREE identifying the TEAM'S ALLIANCE.	D9

Safety Inspection

<input type="checkbox"/> DRONES and ATTACHMENTS must not damage the MARTIAN LANDSCAPE, GAME ELEMENTS, other DRONES, or pose an unnecessary risk of entanglement.	D2
<input type="checkbox"/> TEAMS must have adequate physical guards for their propellers. The STOCK DRONE includes examples of adequate prop guards.	D7
<input type="checkbox"/> TEAMS are permitted to customize their drones and create custom ATTACHMENTS. Customizations or modifications that present a safety hazard or prohibit sustained flight are not allowed.	D11, D12
<input type="checkbox"/> TEAMS are aware of the 10-foot vertical ceiling of the FLIGHT ZONE, and should use software to set a VIRTUAL CEILING to ten (10) or less feet.	S4

Final Inspection (Circle when passed)

Pass

Inspector Signature: _____

Student team member accepts these Inspection results and certifies that this drone was designed, constructed, and programmed by the students on this team with little to no assistance from the adult mentor(s):

Team Member Signature: _____