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| Test Case ID | TV001 |
| Title | Check and charge batteries |
| Description | **Make sure all batteries are sufficiently charged** including drone, controller, additional control station units and any spares that you might have  You shouldn't overcharge your batteries; nor should you allow them to completely drain. **Ideally, the charge should be kept within the range of 30 - 90%.** |
| Test Data | If batterie is lower than 30%  If batterie is between 30% to 90% ideal  If batterie is 100% then full |
| Expected Output | If batterie is 100% then Stop the charging |
| Pass / Fail / Not executed / Suspended | Pass |

**Test case of Drone**

By Sayeedur Rahman

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| Test Case ID | TV002 |
| Title | Test motors |
| Description | Time to begin testing the drone. Before we see how the propellers perform in-flight, we should **test that the motors are working correctly.** |
| Test Data | * Remove propellers * Insert drone batteries * Insert controller batteries * Power on drone * Refer to manual for correct motor direction * Test motors are rotating in correct direction |
| Expected Output | Drone is Flying |
| Pass / Fail / Not executed / Suspended | Pass |

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| Test Case ID | TV003 |
| Title | Test camera |
| Description | You can test the camera by simply **observing the quality of the video feed** and **assessing variables** like image quality (in combination with capture conditions) and specific camera functions (such as night-vision). |
| Test Data | * Remove drone and controller batteries * Check and recharge drone and controller batteries to 75% * Re-insert drone and controller batteries * Place drone on a stable, flat surface * Power on drone and controller * Activate camera feed * Assess camera image quality |
| Expected Output | Access images/videos from drone |
| Pass / Fail / Not executed / Suspended | Pass |

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| Test Case ID | TV004 |
| Title | Test compass |
| Description | Testing the compass is as straightforward as launching the control software and **observing both compass readings and local interference levels.** |
| Test Data | * Open drone control software * Check compass readings are correct * Check for local interference * Perform test flight |
| Expected Output | Drone Move in Same direction as expexted |
| Pass / Fail / Not executed / Suspended | Pass |