

GROUND TEST # 1

DATE:

OBJECTIVE(S)

- Ensure nominal operation of electronics components for the first test flight
- Establish the Apprentice as Flight-Ready
-

SUCCESS CRITERIA

- Correct responses from all aircraft controls
- Successful Calibration
- Correct Response from all Sensors

SUPPLIES

- | | |
|--|--|
| <input type="checkbox"/> Apprentice | <input type="checkbox"/> Receiver antenna for computer |
| <input type="checkbox"/> Taranis (fully charged) | <input type="checkbox"/> |
| <input type="checkbox"/> Battery (fully charged, plus spare) | |
| <input type="checkbox"/> Computer to run QGroundControl | |

LOCATION:

Lab / Outside Howe

TEST SYSTEM:

Apprentice

TEST CONDITIONS:

PROCEDURES

1. Follow Electronics Pre-Flight Checklist and Arming Procedures document [here](#) to complete Preflight checks and Arming Procedures.
2. Aircraft should now be ready for flight
- 3.
4. After the last test disconnect in the following order:
 - ☐ Disconnect the battery
 - ☐ Turn off Taranis
 - ☐ Disconnect from QGroundControl
 - ☐ Measure battery voltage
 - ☐ Assess aircraft for damage

TEST DATA

-
-

DEBRIEF

- Battery level pre-test: _____ | - Battery level post-test: _____ | - Power Consumption: _____

- Objectives met:

-
-
-

- Test items that went well:

-
-
-

- Test Items that did not go well/need to be improved:

-
-
-