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INSPECTION+

**DRONE HEALTH CHECK**

REPAIR, MAINTENANCE & SERVICING

{drone\_name}

Service Date: {date}

Technician: {technician} Approved by: {Supervisor}

**UK Head Office**



Unit 6 The Old Flour Mill, Queen Street, Emsworth, Hampshire, PO10 7BT



**Drone Information**

**Owner: {company}**

**Aircraft Model: {aircraft\_model}**

**Manufacturer: {manufacturer}**

**Aircraft Type: {aircraft\_type}**

**Serial No**: **{serial\_no}**

|  |  |  |
| --- | --- | --- |
| **{%image\_1}** | **{%image\_2}** | **{%image\_3}** |
| **{%image\_4}** | **{%image\_5}** | **{%image\_6}** |

**01 | Inspection**

**1.1 | Function Inspection**

**Obstacle avoidance system:** Check obstacle avoidance system functions correctly.

**Image transmission system:** Check photo and video capturing and image transmission stability.

**Propulsion system:** Check propulsion system.

**Notes: {function\_inspection\_notes}**

✔

✔

✔

**1.2 | Visual Inspection**

**Sensors:** Inspection of sensors for damages and scratches.

**Aircraft:** Inspection of propellors, legs, antenna, and drone body (for cracks).

**Notes: {visual\_inspection\_notes}**

✔

✔

✔

✔

✔

**Battery & Battery compartment:** Check whether the Battery or Battery compartment damaged.

**Gimbal and Camera:** Check whether the gimbal and camera are damaged.

**Motor and Aircraft Arm:** Check whether the motor or aircraft arm is damaged, and check whether the motor can rotate smoothly or whether the aircraft arms can be folded and unfolded smoothly.

**Remote Controller & Accessories:** Check whether the remote controller or other accessories damaged.

✔

**2 | Maintenance Record**

**2.1 | Clean**

**Aircraft Body**

✔

**Notes: {deep\_clean\_notes}**

✔

**Antenna**

**Battery compartment**

✔

✔

**Motor**

✔

**Gimbal**

**2.2 | Calibration**

**IMU Calibration**

✔

**Notes: {calibration\_notes}**

**Vision sensor calibration**

✔

✔

**Compass Calibration**

✔

**RC Calibration**

**2.3 | Firmware update**

**Remote controller firmware update**

**Notes: {firmware\_update}**

✔

✔

**Aircraft firmware update**

✔

**Battery and Battery compartment Firmware Update**

**2.4 | Additional Repairs**

✔

**Check:** Additional repairs (pre-authorised)

✔

**Notes: {additional\_repairs\_notes}**

**3 | Battery**

**3.1 | Battery health**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name | S/N | Cell 1 | Cell 2 | Cell 3 | Cell 4 | Cell 5 | Cell 6 | Cell 7 | Cell 8 | Cell 9 | Cell 10 | Cell 11 | Cell 12 | Cell 13 | Cycles |
| **{n1}** | **{sn1}** | **{c11}** | **{c12}** | **{n13}** | **{n14}** | **{n15}** | **{n16}** | **{n17}** | **{n18}** | **{n19}** | **{n110}** | **{n111}** | **{n112}** | **{n113}** | **{c1}** |
| **{n2}** | **{sn2}** | **{c21}** | **{c22}** | **{c23}** | **{c24}** | **{c25}** | **{c26}** | **{c27}** | **{c28}** | **{c29}** | **{c210}** | **{c211}** | **{c212}** | **{c213}** | **{c2}** |
| **{n3}** | **{sn3}** | **{c31}** | **{c32}** | **{n33}** | **{n34}** | **{n35}** | **{n36}** | **{n37}** | **{n38}** | **{n39}** | **{n310}** | **{n311}** | **{n312}** | **{n313}** | **{c3}** |
| **{n4}** | **{sn4}** | **{c41}** | **{c42}** | **{n43}** | **{n44}** | **{n45}** | **{n46}** | **{n47}** | **{n48}** | **{n49}** | **{n410}** | **{n411}** | **{n412}** | **{n413}** | **{c4}** |
| **{n5}** | **{sn5}** | **{c51}** | **{c52}** | **{n53}** | **{n54}** | **{n55}** | **{n56}** | **{n57}** | **{n58}** | **{n59}** | **{n510}** | **{n511}** | **{n512}** | **{n513}** | **{c5}** |
| **{n6}** | **{sn6}** | **{c61}** | **{c62}** | **{n63}** | **{n64}** | **{n65}** | **{n66}** | **{n67}** | **{n68}** | **{n69}** | **{n610}** | **{n611}** | **{n612}** | **{n613}** | **{c6}** |
| **{n7}** | **{sn7}** | **{c71}** | **{c72}** | **{n73}** | **{n74}** | **{n75}** | **{n76}** | **{n77}** | **{n78}** | **{n79}** | **{n710}** | **{n711}** | **{n712}** | **{n713}** | **{c7}** |
| **{n8}** | **{sn8}** | **{c81}** | **{c82}** | **{n83}** | **{n84}** | **{n85}** | **{n86}** | **{n87}** | **{n88}** | **{n89}** | **{n810}** | **{n811}** | **{n812}** | **{n813}** | **{c8}** |

**Notes: None**

Once the drone is back in your hands, please can you check all the settings and please do your own due diligence before flight.

A black background with white dots

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**Mr B. Coleman**

Technical Manager

A black and white logo

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Questions?

Let’s talk about it!

If you have any questions or queries about your report, call our team of experts on **01243 370 296** or

send your questions to [**sales@ired.co.uk**](mailto:sales@ired.co.uk)

**Disclaimer**



The information contained in this report is believed to be accurate at the time and date of issue, but no representation or warranty is given - express



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