Maintenance checklist

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| **Date:** |  |
| **Location:** |  |
| **Completed by:** |  |
| **UAS:** |  |

| **Item** | **Findings/Actions** | R | | A | G |
| --- | --- | --- | --- | --- | --- |
| All items required present |  |  | |  |  |
| Visual inspection carried out |  |  | |  |  |
| **Item** | **Findings/Actions** | |  |  |  |
| Visual inspection carried out |  |  | |  |  |
| Locking mechanism |  |  | |  |  |
| Smart batteries |  |  | |  |  |
| Cell Voltages |  |  | |  |  |
| **Airframe** | **Findings/Actions** | | | | |
| Airframe correctly assembled |  |  | |  |  |
| Flight controller installed securely/correctly |  |  | |  |  |
| Cable management in place/secure |  |  | |  |  |
| Power distribution installed correctly/secure |  |  | |  |  |
| Motor/ESC wiring correct/secure |  |  | |  |  |
| Motor test carried out to ensure correct operation/rotation |  |  | |  |  |
| IMU/GPS/Compass installed correctly/secure |  |  | |  |  |
| Battery compartment/straps |  |  | |  |  |
| **Software** | **Findings/Actions** | | | | |
| Components show up in software |  |  | |  |  |
| Offsets for IMU/Compass/GPS input and recorded |  |  | |  |  |
| Battery Failsafe’s set |  |  | |  |  |
| Transmitter |  |  | |  |  |
| GCS/APP Version |  |  | |  |  |
| Firmware |  |  | |  |  |
| **Calibrations** | **Findings/Actions** | | | | |
| IMU Calibration |  |  | |  |  |
| VPS Calibration |  |  | |  |  |
| Compass Calibration |  |  | |  |  |
| RC stick Calibration |  |  | |  |  |
| Gimbal Calibration |  |  | |  |  |
| **Contents/ancillary Equipment:** | **Findings/Actions** | | | | |
| All items required present |  |  | |  |  |
| Visual inspection carried out |  |  | |  |  |
| Firmware |  |  | |  |  |

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| Addition information |
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| Follow up Actions and recommendations |
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