Team Name:

We declare that this report and the entry that it describes complies with the rules of the 2012 UAV Challenge, and that we enter with the intention of competing in the spirit of the challenge. Specifically we declare that our entry is compliant with the following topics and provide reference to within our Deliverable 2 document were our method of compliance is described:

| **Rules Reference** | **Topic** | **Compliance** | **Deliverable 2 Reference** |
| --- | --- | --- | --- |
| **Mandatory / Essential**  *(Note: Non-compliance in this section will result in a No-Go finding unless there are significant and/or extenuating circumstances. Please read the rules in detail with a view to safety and specific requirements.)* | | | |
| 5.1 | Aircraft Requirements and Limitations: All. | □ Compliant  □ Non-Compliant |  |
| 5.3.1, 5.3.2, 5.18, 8 | Radio Equipment Frequencies: ACMA Compliance and Licensing. | □ Compliant  □ Non-Compliant |  |
| 5.4 | UAV Controller Override: Compliance to override requirement or Safety Case provided. | □ Compliant  □ Non-Compliant  *□ Override*  *□ Safety Case* |  |
| 5.5 | In Flight Failures and Emergencies: All.  (Once activated it cannot be overridden – all modes.) | □ Compliant  □ Non-Compliant |  |
| 5.5.1 | Criteria for Flight Termination: All | □ Compliant  □ Non-Compliant |  |
| 5.5.2 | Loss of Data Link: All | □ Compliant  □ Non-Compliant |  |
| 5.5.3 | Engine Failure: Procedure provided in Deliverable 2. | □ Compliant  □ Non-Compliant |  |
| 5.5.4 | Loss of GPS: All and nomination of the implemented option for recovery. | □ Compliant  □ Non-Compliant  *□ Flight Termination*  *□ Dead Reckon*  *□ Video* |  |
| 5.5.2, 5.5.4 | Loss of Data Link **and** Loss of GPS: All. | □ Compliant  □ Non-Compliant |  |
| 5.5.5 | Mission Boundary Crossing – GeoFence: All. | □ Compliant  □ Non-Compliant |  |
| 5.5.2, 5.5.5 | Loss of Data Link **and** Mission Boundary Crossing – GeoFence: All. | □ Compliant  □ Non-Compliant |  |
| 5.5.6 | “Lock Up” or Failure of Autopilot: All. | □ Compliant  □ Non-Compliant |  |
| 5.5.7 | “Lock Up” or Failure of GCS: All. | □ Compliant  □ Non-Compliant |  |
| 5.5.8 | “Lock Up” or Failure of Stability Augmentation System (SAS): All. | □ Compliant  □ Non-Compliant  □ Not Applicable |  |
| 5.6 | Flight Termination: All and nomination of the implemented option | □ Compliant  □ Non-Compliant  *□ 5.6 Implemented*  *□ 5.6.1 Implemented*  *□ 5.6.2 Pyrotechnics* |  |
| 5.6.1 | Commercial off the shelf Flight Termination System used: manufacturer evidence provided | □ Compliant  □ Non-Compliant  □ Not Applicable |  |
| 5.9 | Team Sponsors: All. | □ Compliant  □ Non-Compliant |  |
| 5.15 | Situational Awareness: Graphical display of waypoints and aircraft location. | □ Compliant  □ Non-Compliant |  |
| 6.2.1 | Statement of Originality and Accuracy: All. | □ Compliant  □ Non-Compliant |  |
| 6.2.2 | Compliance Statement: All. | □ Compliant  □ Non-Compliant |  |
| 6.3.1 | Requirements for Deliverable 3: Details of evidence to be provided. | □ Compliant  □ Non-Compliant |  |
| **Highly Desirable** | | | |
| 5.14 | Access to Video Stream from UAV | □ Compliant  □ Non-Compliant |  |
| 5.15 | Situational Awareness: NMEA 0183 Output. | □ Compliant  □ Non-Compliant |  |
| 5.16 | Li-Po Battery Management | □ Compliant  □ Non-Compliant |  |
| 6.2 | Deliverable 2: Max 17 pages. | □ Compliant  □ Non-Compliant |  |

Additional Information:

Date:

Signed by a team representative, on behalf of all team members:

Printed Name: