

## Revision and checks pre-flight

Checks and tests to be performed at the beginning of each operation or flight.

This checklist may vary depending on the operation and platform, as it is only an example provided by Embention as an aid.

Therefore, each customer should have its own checklist.

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| "Equipment checklist" checklist completed  |  |
| <b>Operation area</b>  |  |
| <b>Weather:</b> Verify that weather conditions are suitable for operation and are within the platform flight envelope (wind, rain, etc.).  |  |
| <b>Visibility:</b> Verify that visibility conditions are adequate for the operation, especially for VLOS operations and/or involving manual flight modes.  |  |
| <b>Emergency landing zones:</b> Identify emergency landing zones and verify that they are clear.   |  |
| <b>Obstacles:</b> Verify that there are no obstacles that could endanger operational safety. If they exist, apply appropriate mitigating measures.   |  |
| <b>Non-participating people and platforms:</b> Verify that the area of operation is free of non-participating persons and aircraft, and that the necessary means exist to detect any invasion of the area of operation at all times.           |  |
| <b>GCS installation:</b> Verify the installation area of the GCS. If there is no designated location, choose the most suitable one according to criteria of safety, visibility, communication, ease of installation and comfort for personnel. |  |
| Notification to control tower (if applicable): Notify the relevant authorities that the operation is about to start.   |  |
| <b>Platform and GCS</b>  |  |
| <b>GCS set-up:</b> Verify that all ground station equipment has been properly installed.   |  |
| <b>Platform mounting:</b> Verify that the platform has been assembled correctly.   |  |

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| <p><b>Sensors sensitive to environmental conditions:</b> Verify the status and calibration of all environmentally sensitive sensors. Examples of environment sensitive sensors are <i>GNSS receivers</i> and <i>magnetometers</i>.</p>  |  |
| <p><b>Pre-flight calibrations:</b> Perform those calibrations required prior to flight. Examples of these calibrations are:</p> <ul style="list-style-type: none"> <li>- Atmosphere (<a href="#">Calibrate Atmosphere - Veronte Ops</a>)</li> <li>- Stick arcade (<a href="#">Trim stick for Arcade Modes - Veronte Ops</a>)</li> <li>- Yaw calibration (in case of not using magnetometer, for this: <a href="#">Calibrate Yaw - Veronte Ops</a>)</li> </ul> |  |
| <b>Mission</b>  |  |
| <p><b>Planned mission review:</b> Verify that the route loaded in the Veronte Autopilot is correct with respect to the requirements of the operation and that it does not pass through areas that could compromise operational safety.</p>  |  |
| <p><b>Personnel briefing:</b> Before each flight, a personnel briefing should be conducted to verify that all participants are clear about their respective roles, as well as each of the stages of the flight.</p>   |  |
| <p>Start video recording (if applicable).</p>   |  |