



MINIMIZE RISK

Visual OBSERVER

CHECKLIST

Visual Observer Checklist for Drone Mission

Pre-Mission Planning

1. Review Mission Brief
 - Understand mission objectives, flight path, and operational constraints.
2. Know the Drone Model
 - Familiarize yourself with the drone's specifications and limitations.
3. Communication Protocols
 - Establish clear communication channels and protocols with the drone pilot and other team members.
4. Weather Assessment
 - Review weather forecasts and current conditions, paying attention to visibility and wind speed.
5. Local Airspace and Regulations
 - Familiarize yourself with local airspace classifications and relevant regulations.
6. Emergency Procedures
 - Understand what to do in case of a drone malfunction, loss of communications, or other emergencies.
7. Personal Protective Equipment (PPE)
 - Ensure you have appropriate gear, such as safety vests, headsets, etc.

Pre-Flight Checks

1. Visual Inspection
 - Inspect the drone for any visible damage or abnormalities.
2. Calibration and Equipment Checks
 - Confirm with the pilot that all equipment has been calibrated and is functioning correctly.



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3. Initial Positioning

- Take your designated position where you can clearly see the drone throughout the mission.

4. Battery Levels

- Confirm with the pilot that all batteries are fully charged and backup batteries are available.

During Flight

1. Maintain Line of Sight

- Keep the drone in your line of sight at all times.

2. Monitor Flight Path

- Keep track of the drone's flight path in relation to the planned mission trajectory.

3. Obstacle Avoidance

- Monitor for any unplanned obstacles like birds, other aircraft, or physical structures.

4. Communication

- Maintain constant communication with the drone pilot, updating on any observations or changes in the environment.

5. Weather Monitoring

- Continuously assess weather conditions, particularly visibility and wind speed.

Post-Flight Checks

1. Drone Retrieval

- Confirm that the drone has safely landed and is retrieved.

2. Post-Flight Inspection

- Conduct a post-flight visual inspection to look for any damage or wear and tear.



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3. Data Integrity Check

- Ensure that all data gathered during the mission is properly saved and backed up.

4. Debrief

- Participate in a post-mission debrief to discuss any issues or observations during the mission.

5. Documentation

- Update any logs or documentation required for compliance or record-keeping.