

CHECKLIST

1. Before leaving home:

- a) Batteries, controller, and phone charged,
- b) Any needed cables or attachments (such as an anti-collision light) are in the case,
- c) An SD card is inserted in the aircraft with a spare in the case, and
- d) Airspace, weather, and NOTAMs at the mission area are okay.

2. Before powering up

- a) Crew, if any, are properly briefed regarding roles, communications, mission, and emergency procedures,
- b) Area is clear of non-involved people or animals,
- c) Overhead is clear in case of emergency or automatic return to home,
- d) Obstacles or magnetic or RF interference sources have been identified,
- e) Airspace, weather, and NOTAMs have been checked again,
- f) Propellers are clean, free of damage, properly attached, and rotate freely,
- g) Motors free of debris,
- h) Gimbal cover is removed,
- i) Lens and filter are clean,
- j) SD card is secure, and
- k) Battery condition and charge are adequate.

3. Before takeoff

- a) GPS and RF signal strength are okay (both control and video),
- b) RTH altitude is sufficient to clear trees or obstacles,
- c) Photo and video settings are correct,
- d) No unusual noises from the motors on startup,
- e) Propellers are balanced and free of vibration, and
- f) Initialization sequence is complete with no errors.

4. Immediately after takeoff

- a) Aircraft hovers accurately with no drift,
- b) Remote control is operating correctly, and
- c) Aircraft responds correctly to control inputs at minimum safe altitude (higher than the tallest person on the site).

5. Before landing

- a) Battery power is adequate for landing,
- b) Descent path is clear of obstructions, and
- c) Landing area is clear of uninvolved people or animals.

6. Before stowing

- a) Power off,
- b) Check for damage to aircraft,
- c) Check for damage to propellers,
- d) Check for debris in motors,
- e) Check gimbal and lens / filter,
- f) Replace gimbal cover,
- g) Check battery condition and charge level.