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Take-off Procedure

- Confirm completion of pre-flight checklist.
- Record beginning of flight log information.
- Assemble control unit, display, and related gear.
- Prepare drone for launch.
- Activate control unit and display device.
- Activate drone.
- Initiate control unit and drone communication connection and confirm proper linkage.
- Ensure all control switches are correctly set for operation.
- Check that firmware load for entire system is up to date and consistent.
- Check that compass, IMU, and gimbal calibration are ok.
- Ensure Return-to-Home parameters are correct for current operation (correct mode, sufficient altitude).
- Ensure sufficient GPS satellites are connected (minimum 7).
- Perform final weather check (temperature, imminent storms, wind direction & speed).
- Ensure takeoff and landing zone has been cordoned off with a minimum 5 meter radius.
- Signal to crew and bystanders to stand clear for takeoff (particularly ensure no one is downwind from drone in case of take-off drift).
- Start camera recording.
- Announce take-off and stand clear.
- Activate take-off controls.
- Allow drone to hover at low altitude to confirm stability before further flight.
- Test controls to ensure full directional control.