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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.