PHANTOM Flying Flowchart V1.0 (Simplified Version)

This flowchart is aiming at help you to get familiar with the flying procedures of PHANTOM, please read the Manual carefully to get the operation details. Its corresponding Firmware Version is V3.0.

Switch on the transmitter, and then power on the PHANTOM.

System Start & Self-check

LED: Mode +GPS Satellite Number +6Yellow
6Yellow means warming up

Recording is ok. 

LED: Blink Green Quickly

Recording is ok.

LED: Mode +GPS Satellite Number

6Green means motion detection.

Important: If PHANTOM is moved after power on and before the motors start-up, that is normal. If it is stationary on the ground, please try the IMU Basic Calibration.

Any GPS Satellite Number  GPS Satellite Number ≥ 6

ATTI. Mode  GPS ATTI. Mode

Important: At any moment after power on, if the GPS Satellite number is less than 6 and last for at least 10s; even though you select the GPS ATTI. Mode and LED blinks in the GPS ATTI. Mode, the PHANTOM will work in ATTI. Mode.

GPS Satellite Number ≥ 6 & IOC On

LED: Blink Green Quickly

Record the Home Point

Home Point Recording is ok

Start Motors

Flying

First Level Protection Alert

Second Level Protection Alert & Height Descent

Landed

Power off the PHANTOM, and then switch off the transmitter

Method of Start Motor

GPS Satellite Number < 6

Keep Leveling & Landing

Important: When you switch to ATTI. Mode, the main controller will disengage enhanced FailSafe mode, you can re-gain control of aircraft.

GPS Satellite Number ≥ 6

Return to the Home Point

GPS Satellite Number ≥ 6, in GPS ATTI. Mode, Distance between the Home Point and PHANTOM > 10m.

- Green Part means normal procedures:
  - means regular situation.
  - means selectable or possible situation. 
- Pink Text tells the details.
- Red Part means possible abnormal situation.
- Yellow Part is possible in normal or abnormal situation, require you to confirm by the Text for details.
- Blue Part is the condition of the normal situation.
- Purple Part is the condition of the abnormal situation.