



DJI PHANTOM 3 CHECK LIST

1. PRE-FLIGHT CHECK LIST

- > Plan your flight
- > Phantom & R/C remote battery charged
- > iPad/iPhone charged
- > check for cracks and damaged parts
- > Propellers installed and tightened
- > Check motors for damage
- > Remove gimbal lock
- > Gimbal not obstructed (grass)
- > iPad volume to MAX
- > iPad to R/C cable attached
- > iPad Wifi & BT OFF
- > Remote ON
- > Remote in P-Mode
- > Phantom ON
- > Check values:
 - Firmware is up to date
 - Compass status
 - IMU values
 - Gain values
 - Max height
 - RTH height (depends on flight location)
 - VPS ON (if indoor flight)
 - Satellite status 17 or more
- > Format SD card (new card only)
- > CHECK HOME POINT
- > Proceed if operating normally

2. TAKEOFF CHECKLIST

- > Check props
- > Check satellite single
- > Check remote single
- > Arm props
- > Hover low and check all flight controls
- > Check gimbal and camera

3. LANDING CHECKLIST

- > Land on 25%
- > Recording has stopped and saved
- > Hover at low level and check gimbal and camera
- > Check flight controls
- > Land in hand or flat surface

4. AFTER FLIGHT CHECKLIST

- > Disarm props
- > Check for damage
- > Check for dirt
- > Power down phantom
- > Power down remote
- > Let battery cool down
- > Charge battery to 40% if last flight of day
- > Check flight log and upload to website

- Take off props and check for damage before storage
- Don't forget anything laying around

5. BATTERY MAINTNANCE

- Don't leave it fully charged
- If flying the next day discharge to 80% and top of before flight
- Storing for longer than overnight discharge to 40% - 45%
- Before putting away let it cool down
- Let it cool down before recharging
- Every 20 charges discharge it to 8%
- Discharge remote to 75% for short periods of time
- Discharge to 40% 45% if long storage (a week or longer)

Normal

R · G · Y ····· Red, Green and Yellow Flash Alternately	Turning On and Self Diagnostic Testing
G · Y ····· Green and Yellow Flash Alternately	Warming Up
G ····· Green Flashes Slowly	Safe to Fly (P-mode with GPS and Vision Positioning)
G X2 ····· Green Flashes Twice	Safe to Fly (P-mode with Vision Positioning but without GPS)
Y ····· Yellow Flashes Slowly	Safe to Fly (A-mode but No GPS and Vision Positioning)

Warning

Y ····· Fast Yellow Flashing	Remote Controller's Signal Lost
R ····· Slow Red Flashing	Low Battery Warning
R ····· Fast Red Flashing	Critical Battery Warning
R ····· Red Flashing Alternately	IMU Error
R — Solid Red	Critical Error
R · Y ····· Red and Yellow Flash Alternately	Compass Calibration Required

Status LED	Alarm	Remote Controller Status
R — Solid Red	♪ Chime	The remote controller is disconnected from the aircraft.
G — Solid Green	♪ Chime	The remote controller is connected to the aircraft.
R ····· Slow Blinking Red	D-D-D····	Remote controller error.
R · G / R · Y ····· Red and Green/ Red and Yellow Alternate Blinks	None	HD downlink is disrupted.
RTH LED	Sound	Remote Controller Status
W — Solid White	♪ Chime	Aircraft is returning home.
W ····· Blinking White	D ···	Sending Return-to-Home command to the aircraft.
W ····· Blinking White	DD ····	Return-to-Home procedure in progress.