



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. |