

Phantom 3 Pro Checklist

Leaving Home

- Aircraft: Body, Batteries, Props
- RC: USB Cable, Sun Shade
- Battery: Check fully charged
- Phantom & RC firmware up-to-date
- Tablet: Check fully charged
- SD Card: In Aircraft; Backup
- Camera: Gimbal Guard, Filters
- Tools: Hex 2mm, Torx T6 & T8, Phillips PH0

Preflight - AIRCRAFT

- Exterior inspection for obvious defects
- Gimbal Clamp removed and stowed
- ND Filter if needed
- Micro SD Card installed; available space
- Battery installed; **Fully Charged** Status
- Propellers: check condition, tight and locked
- Gimbal not obstructed (e.g. grass)

Preflight - CONTROLLER

- iPad Mini 4 mounted, cable attached to R/C
- Sun Shield (if applicable): mounted, adjusted
- Antennas: parallel and tilted up
- Flight Mode Switch in desired position (P)
- Power on Controller**
- Battery Status **Fully Charged**
- Controller LED status (no errors)
- Power on iPad Mini 4: Wi-Fi & BT off, Do Not Disturb on, full volume, close all apps
- Launch DJI GO app**
- Select Camera Icon
 - Set & Check Camera Options
- Format SD Card (as necessary)

TAKEOFF

- Power on Phantom 3**
- Compass calibration (if new location)
- Verify GPS Lock
- Check values:
 - Compass status
 - IMU values (0, 1, 1400-1600)
 - Gain values
 - Max height
 - RTH height (depends on flight location)
 - R/C EXP & Gain (0,5-0,4-0,5)
- VPS On (if indoor flight)
- CHECK HOME POINT**
- Clear launch area
- Warn bystanders
- Hover 20 seconds & check stability**
- Verify expected stick operation

In-Flight

- Start Video Recording**
- Monitor battery power
- Keep line-of-sight
- Monitor Signal Strength
- Have a plan
- Think about What-If's

Post Flight

- Phantom power off
- Remote Controller power off
- Tablet power off
- Check for loose parts
- Check props for crack or nicks
- Install Gimbal Guard if not flying again
- Check area for equipment left behind

Aircraft Status Indicator Quick Reference

N O R M A L		Red, Green and Yellow Flash Alternately	Turning On and Self Diagnostic Testing
		Green and Yellow Flash Alternately	Warming Up
		Green Flashes Slowly	Safe to Fly (P-mode with GPS and Vision Positioning)
		Green Flashes Twice	Safe to Fly (P-mode with Vision Positioning but without GPS)
		Yellow Flashes Slowly	Safe to Fly (A-mode but No GPS and Vision Positioning)
W A R N I N G		Fast Yellow Flashing	Remote Controller's Signal Lost
		Slow Red Flashing	Low Battery Warning
		Fast Red Flashing	Critical Battery Warning
		Red Flashing Alternately	IMU Error
		Solid Red	Solid Red
		Red and Yellow Flash Alternately	Compass Calibration Required

Remote Controller Status Indicator Quick Reference

Status LED	Alarm	Remote Controller Status
	— Solid Red —	— Chime — The Remote Controller is Disconnected From The Aircraft
	— Solid Green —	— Chime — The Remote Controller is Connected to The Aircraft
	— Slow Blinking Red —	— D-D-D — Remote Controller Error
	— Red & Green/Red & Yellow Alternate —	— None — Return-to-home procedure in progress

RTH LED	Sound	Remote Controller Status
	— Solid White —	— Chime — Aircraft is returning home
	— Blinking White —	— D . . . — Sending Return-to Home command to the aircraft
	— Blinking White —	— DD — Return-to-Home procedure in progress