DJI PHANTOM 3 PROFESSIONAL CHECKLIST

1. DJI PHANTOM 3 PRO AIRCRAFT PRE-FLIGHT CHECKLIST

☐ **Gimbal Clamp (Removed; Stowed)**

Micro SD Card (Installed; Available Space)

Battery (Installed; Status Check Fully Charged)

Propeller (Check Condition; Installed Black On Black, White On White)

CHECK COMPLETE

2. DJI PHANTOM 3 PRO CONTROLLER PRE-FLIGHT CHECKLIST

☐ **Tablet, Phone (Mounted, Plugged In)**

Sun Shield If Applicable (Mounted, Adjusted)

Antennas (Positioned)

Flight Mode Switch (Desired Position)

Battery (Status Check Fully Charged)

CHECK COMPLETE

3. DJI PHANTOM 3 PRO CONTROLLER BEFORE ENGINE START CHECKLIST

☐ **Power On (Controller)**

Battery Status (Double Checked)

Controller LED (Green)

Controller Status LED (Checked, No Errors)

Power On (Tablet, Phone)

Unnecessary Apps & Features (Exit, Turn Off)

DJI Pilot App (Launch)

iPad Mini – Hardware Decode OFF

iPhone 6+ - Hardware Decode ON

Camera Icon (Select)

Camera Options (Checked, Set)

Format SD Card (As Necessary)

CHECK COMPLETE

4. DJI PHANTOM 3 PRO AIRCRAFT BEFORE ENGINE START CHECKLIST

☐ Aircraft (On A Level Surface)

Propellers (Double Check Tightness)

Power On (Aircraft)

Battery (Status Check Fully Charged, No Errors)

Compass Calibration (Recommended Prior To Each Flight, Required If Different Launch Site)

- Interference (Check No Large Metal Surfaces, Cars, Concrete)

- Ferromagnetic Materials (Check No Keys Or Cell Phone On Person Or Near Aircraft)

Proceed With Calibration

Return To Home (RTH) Height (Check Proper Height, <u>PLEASE NOTE RTH HEIGHT IS IN METERS ONLY</u>)

Aircraft Status LED's (Checked, No Errors)

Aircraft Orientation (Nose Away From Operator)

CHECK COMPLETE

5. DJI PHANTOM 3 PRO TAKEOFF CHECKLIST

☐ DJI Pilot App Map (If Device Data Is Unavailable At Flight Location. Download Map Where Data Is Available)

Home Point (Check Home Point Has Been Set, Manually Set Home Point)

Phone/Tablet Volume (Set To Proper Level)

Phone/Tablet "Do Not Disturb" (Set If Applicable)

DJI Pilot App Flight Status (Check Safe To Fly – GPS, Safe To Fly - VPS)

Launch Site (Clear, Safe For Take Off)

Start Motors (Both Control Sticks To Lower - Inner Position)

Take Off (Auto, Manual)

Low Hover (Check Hover Stability)

Flight Controls (Move Each Stick Check Proper Stability & Control)

CHECK COMPLETE

FLY SAFE & ENJOY YOURSELF!!!

Aircraft Status Indicator Quick Reference

N O R M A L	🔴🟢🟡	Red, Green and Yellow Flash Alternatively	Turning On and Self Diagnostic Testing
	🟢🟡	Green and Yellow Flash Alternatively	Warming Up
	🟢	Green Flashes Slowly	Safe to Fly (P-mode with GPS and Vision Positioning)
	🟢 X2	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 Alternatively	IMU Error
	🔴	Solid Red	Solid Red
	🔴🟡	Red and Yellow Flash Alternatively	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 toThe Aircraft
🔴	Slow Blinking Red	D-D-D ⋯⋯	Remote Controller Error
🔴🟢 / 🔴🟡	Red & Green/Red & Yellow Alternate Bkinks	None	Return-to-hpme procedure in progress

RTHLED		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