Phantom 4 Pre-flight Checklist

Phantom Preflight setup

☐ Inspect the props for defects, chips, cracks or stress fractures. Discard any damaged props.

☐ Inspect the propeller locks for cracks and make sure the bolts are tight.

☐ Install the propellers and make sure they are locked into place.

☐ Remove plastic gimbal lock

☐ Check SD memory card, make sure it's clicked into place and that there is enough space on the card for your recordings.

☐ Visually inspect the battery for puffing. If the battery is puffed don't use it. A short press on the battery will reveal the charge level.

☐ Install the battery by sliding it into the Phantom until it is clicks securely into place.

☐ Check the lens for smudges, wipe clean with a soft lens cloth if necessary.

☐ If taking off on grass use a piece of cardboard or other smooth surface. (Prevents camera gimbal from getting jammed by grass.)

Power Up

☐ Connect the tablet or smart device to the remote controller. Make sure the device has a sufficient charge.

☐ If you are taking off from a new location it is recommended (not required) that you download the map for this area while still connected to a Wi-Fi hotspot. If you are using a smart phone with data this will download automatically.

☐ Power on the remote controller. Check the flight mode switch and make sure it is in the "P" for normal flying. Select the "A" position if flying indoors.

☐ Start the "DJI Go" App and select the camera function.

☐ Turn on the Phantom with one short press and one long press on the battery. The Phantom should beep, warm up and in a few seconds you should see live video on the screen.

Camera

☐ Once you have powered up you should have a video signal on your viewing device. If video or telemetry is not visible delay your flight until you can resolve the problem.

☐ Check the camera movement with the gimbal wheel on the top left of the remote.

☐ Adjust the exposure if necessary. (If you activated the over exposure warning in the APP, the zebra lines will show on over exposed areas. It is normal to have about 10% of the screen showing zebra lines for most lighting conditions.)

Compass Calibration

- Do this if you have moved to a new launch location since the last calibration or you are prompted by the APP. (Not necessary for every flight.)
- Tap "Compass Calibration" and follow the instructions. (You should be clear from metal objects, or other possible sources of magnetic interference while calibrating. Rebar under a concrete pad can also cause magnetic interference).

Check for hazards and flight restrictions

- Check airspace rules and temporary flight restrictions
- You can use "Airmap" and the B4UFLY app to determine if there are any flight restrictions.
- Check the area for hazards, overhanging branches, power lines, etc. Secure pets, especially dogs which may react to the lights, sound and motion of the Phantom.
- Make a plan for how you will respond to in flight emergencies such as lost communications.
- Wait for the "Safe to fly" indicator to appear on the top of the DJI Go App.
- Pull the sticks down and toward the center to activate the motors, they will begin to idle. Release the sticks.
- Apply forward motion to the left stick (throttle) to take off.
- If you become disoriented, stop and allow the aircraft to hover while you regain your orientation. Don't panic!

Landing

- Check the area for obstructions or people who have moved into your landing area. Verbally announce to anyone nearby that you are landing and to stand clear. Don't try to land on a table or other elevated object. If your landing is not spot on your drone may fall off and become damaged.