

## FD1 (Swellpro Fishing Drone) CHECKLIST BEFORE FLIGHT

### PRE-FLIGHT GUIDE

<input checked="" type="checkbox"/>	<u>Remember to always turn the controller on FIRST &amp; then the drone SECOND (when powering on) &amp; likewise turn the drone off FIRST (when powering down)</u>
<input checked="" type="checkbox"/>	<u>Both the Drone &amp; Remote Controller Batteries should be fully charged, before flight</u>
<input checked="" type="checkbox"/>	<u>Check that the Drone &amp; Remote Controller is in FULL WORKING CONDITION &amp; are FREE of Corrosion &amp; Damage, including Checking the MOTORS are spinning freely, the Fishing Release Mechanism is working 100% correctly &amp; the Water resistant Membrane on the LID is not damaged.</u>
<input checked="" type="checkbox"/>	<u>Make sure the LID is securely Fastened down with the Thumb Screws &amp; the LID is Facing Forward.</u>
<input checked="" type="checkbox"/>	<u>Check That you are set on GPS Mode "G" on the Remote Controller.</u>
<input checked="" type="checkbox"/>	<u>Check That you are in an Open Area &amp; AWAY from any possible Electrical OR Magnetic Interference including Metal (ie. cars)</u>
<input checked="" type="checkbox"/>	<u>Make sure that you always do the compass calibration before your First Flight of the Day.</u>
<input checked="" type="checkbox"/>	<u>Make sure you have a Satellite Signal Strength of "10" before taking off</u>
<input checked="" type="checkbox"/>	<u>Make sure your PROPELLERS are ALL Installed correctly before flying.</u>

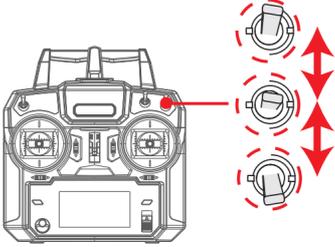
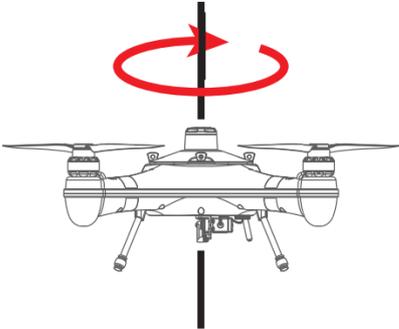
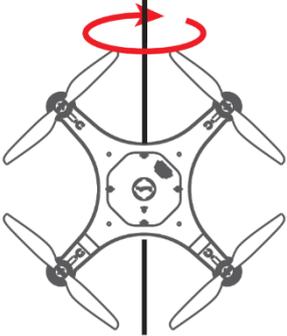
### Compass Calibration - IMPORTANT

#### When does the compass need to be calibrated?

1. ALWAYS When you use the drone for the first time on a given day.
2. After maintenance.
3. The distance from the last calibration area is more than 100 m.
4. The aircraft is subject to strong magnetic interference.
5. The aircraft has been impacted or vibrated violently.

6. Then hovering in GPS mode, the aircraft has wobble or large drift.
7. The remote control prompts "warning compass error calibrate compass".

**How to calibrate:**

Remote Control Operation	Description
	<p>1. Place the aircraft horizontally, turn on the remote control and the aircraft in turn, and wait for the aircraft to complete the self-test. Quickly switch the flight mode paddle, when the green light of the rear arm flashes quickly, or the remote control display screen prompts "compass calibration rotate the aircraft horizontally", the system will enter the calibration state.</p>
	<p>2. At this time, pick up the aircraft horizontally, rotate it clockwise for about 2-3 turns until the green light of the rear boom flashes slowly, or the remote control screen prompts "compass calibration rotate the aircraft vertical", and then enter the head to rotate vertically and downward to calibrate.</p>
	<p>3. Turn the NOSE DOWN vertically and clockwise for about 2 ~ 3 turns until the remote control displays "warning aircraft initializing, please wait". Place the aircraft horizontally and keep it still for about 30 seconds. When the prompt "warning aircraft initializing, please wait." on the remote control display disappears, the calibration is successful. Please restart the aircraft.</p>

**Compass calibration needs to be carried out outdoors. Do not calibrate in strong magnetic field area, near large metal, wireless pole or mobile phone.**

**FULL COMPASS CALIBRATION VIDEO CAN BE FOUND ON THE JCMATTHEW NZ YOUTUBE CHANNEL.**

**IMPORTANT NOTE: PLEASE DO NOT STORE YOUR BATTERIES WHEN THEY ARE COMPLETELY DRAINED OR FULLY CHARGED. PLEASE SEE THE BATTERY CARE VIDEO ON JCMATTHEW NZ YOUTUBE CHANNEL.**