SAFETY FIRST – REMEMBER TO USE COMMON SENSE AS YOU FLY

CROP COPTER RECOMMENDS TO FOLLOW YOU PRE FLIGHT CHECKLIST EACH FLIGHT

1.) Ensure flight batteries are fully charged to approximately 4.2v / cell

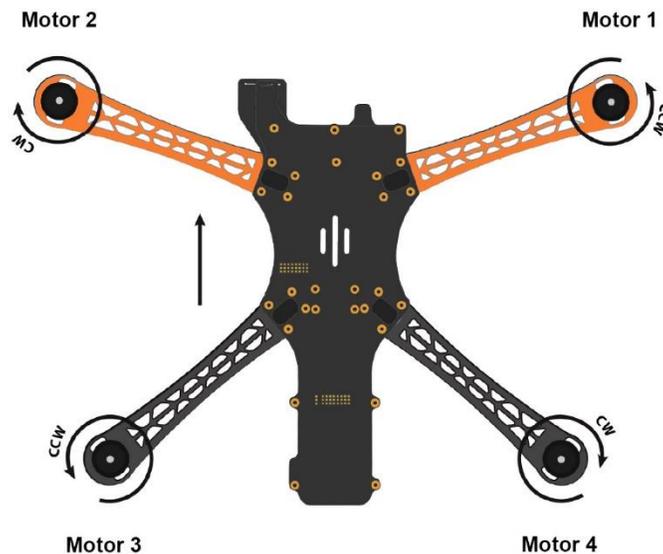*4S battery = 16.6v to 16.8v; 6S battery = 24.9v to 25.2v*

2.) Check Transmitter (DX9) has sufficient charge

3.) Attach video (mushroom) antenna

***NEVER** power aircraft or FPV equipment without antennas attached!*

4.) Install props on appropriate motors and be sure nuts are tight

5.) Choose appropriate flying area (see notes on back)

6.) Be sure to properly calibrate compass!

7.) Check that all switches on transmitter are in "0" position

(*i.e. switches on face are up and on the top they are away*)

8.) Power on transmitter *(transmitter is always first to power on & last to power off)*

9.) Secure and connect flight battery (and connect lights if applicable)

10.) If performing automated flight, ensure all ground station components are properly connected and powered up with sufficient charge.

11.) Power on GoPro and start recording (if applicable)

12.) Verify LED is showing good GPS

Green + 3 red flashes = Very Bad GPS

Green + 2 red flashes = Bad GPS

Green + 1 red flash = Poor GPS

All Green = Good GPS lock, ok to fly

Rapid Green flashing = Setting home point

13.) Pull sticks down and in to start and stop motors

*** Always stand (bystanders as well) 15-20 feet away during takeoff and landing

Important notes:

- *Never calibrate compass near metal objects, always stand at least 50-75 feet away.*
- *Never calibrate compass on concrete (contains rebar).*
- *It is always recommended to power up GoPro and record during flight. In the event of an incident the recording assists in the troubleshooting process.*
- *Always practice safe battery usage and storage to avoid fires.*
- *Never leave batteries or electrical components in hot vehicle*
- *When choosing a spot to power up aircraft and take off from (home point), be sure area is safe for landing for 10 feet in all directions… "Return to home" may not land exactly where it takes off from.*
- *Be aware of trees, buildings, power lines and other obstacles when performing automated flight or landings.*
- *It is highly advisable to land manually (non automated) whenever possible.*
- *Land aircraft ASAP when LED is flashing all red, battery level extremely low!*
- *Powering aircraft with no video antennas will result in damage to FVP components.*
- *Before flight observe area for cellular and radio towers that could cause interference*
- *Charge batteries as soon after flight as is feasible. DO NOT let discharged batteries sit for extended periods of time to avoid damage.*
- *If for some reason a crash or hard landing into field is eminent, attempt to shut off motors at the last possible moment… this may help protect motors and electrical components from overload*
- ***ALWAYS** be aware of airports and **NEVER** fly near or interfere with full scale aircraft!*