

# **DISCLAIMER AND SAFETY GUIDELINES**

## **BATTERY SAFETY GUIDELINES** (V1.2)



### ***Important***

- *For your safety and to avoid loss of property, please read this manual carefully.*
- *Please do not try to disassemble, modify, repair the aircraft, if necessary, please contact agent.*
- *This instruction is updated without prior notice.*

**WARNING**

*Read the ENTIRE user manual to become familiar with the features of this product before operating. Failure to operate the product correctly can result in damage to the product or personal property and cause serious injury. This is a sophisticated product. It must be operated with caution and common sense and requires some basic mechanical ability. Failure to operate this product in a safe and responsible manner could result in injury or damage to the product or other property. This product is not intended for use by children without direct adult supervision. Do not use with incompatible components or alter this product in any way outside of the documents provided by the manufacturer. These Safety Guidelines contain instructions for safety, Operation and maintenance. It is essential to read and follow all of the instructions and warnings in the user manual, prior to assembly, setup or use, in order to operate the product correctly and avoid damage or serious injury.*

**1. Fly Safe****1). Environmental Considerations**

- Always fly at locations which is wide and open, and stay away from the crowd.
- Be very careful when flying (5,000m) or more above sea level.
- Fly in moderate weather conditions with temperatures between 32° to 104° F (0 C to 40 C ).
- Fly in legal areas, see article 5 for details.
- Due to insufficient lighting conditions, no GPS signal and narrow space, the use of some functions may be limited

**2). Pre-flight Checklist**

- Ensure the remote controller and aircraft batteries are fully charged.
- Ensure that the aircraft arm is fully deployed and the flight battery is installed in place and firmly fixed.
- Ensure that the gimbal cover is removed so that the gimbal can move unimpeded.
- Ensure that the aircraft propeller is free from damage, deformation, and correctly installed, and all propeller blades have been unfolded.
- Ensure that the aircraft power motor and gimbal motor are clean, undamaged and rotate smoothly.
- Ensure that the camera lens, optical flow lens and other sensors are clean and intact.
- Ensure that the memory card that meets the requirements is inserted correctly.
- ensure that the firmware and app have been updated to the latest version.
- perform pre-flight inspection and calibrate the compass according to app prompts.
- ensure that the flight site is outside the flight restricted area and is suitable for flight.
- users should ensure that they do not operate the aircraft under the influence of drunkenness and drugs.
- be familiar with each flight mode and the behavior of aircraft in lose control return mode.
- Users should understand the local laws and regulations related to aircraft by themselves. If necessary, users should apply to relevant departments for authorization to use aircraft by themselves.

**3). Operation**

- Do not start the motor when the arm is folded, otherwise the aircraft may be damaged.
- keep away from rotating propellers and motors
- ensure that the aircraft flies in a non-interference environment and within sight distance
- Do not disturb your mobile phone or other functions during flight.
- do not charge the remote control while using it to ensure wireless transmission performance.
- do not operate the product in poor physical or mental conditions such as drinking, drug abuse, drug anesthesia, dizziness, fatigue and nausea
- please return as soon as possible in case of low battery warning.
- the aircraft will not avoid obstacles when it returns automatically. Please ensure that the flight altitude of the aircraft is higher than the obstacles on the return route
- please keep control of the aircraft throughout the process and do not rely on the information provided by the app. Please rely on visual observation to reasonably judge the flight condition, avoid obstacles in time, and set corresponding flight and return altitude according to the flight environment.

- at the end of the flight, please turn off the aircraft first, and then turn off the RC
- pay close attention to the status of aircraft when using route planning and intelligent following function. In case of accidents, the flight mission must be stopped in time and the aircraft must be controlled manually.

#### 4). Maintenance and Upkeep

- DO NOT use aged, chipped or broken propellers.
- Recommended storage temperature: between 71° and 82° F (22 C and 28 C ).

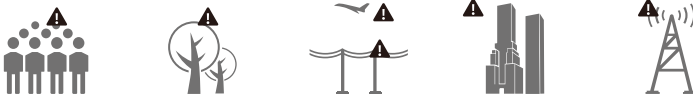
#### 5). Observe Local Laws and Regulations

- Actively understand local laws, regulations and other requirements on flight before flight.
- Do not fly in the No Fly Zones.
- Control of flight airspace below 120 meters, the flight must strictly abide by local laws and regulations.

#### 6). Flight safety conditions



#### 7). Threats to flight precautions



**!** Avoid flying over or near obstacles, crowds, high voltage power lines, trees or bodies of water.  
DO NOT fly near strong electromagnetic sources such as power lines and base stations it may affect the onboard compass.

#### 8). No flying environment



**⊘** DO NOT use the aircraft adverse weather conditions such as rain, snow, fog and wind speeds exceeding 6 m/s.

#### 9). Do not touch rotating parts



## 2. Glossary

The following terms are used throughout the product literature to indicate various levels of potential harm when operating this product:

**NOTICE** : Procedures, which if not properly followed, create a possibility of physical property damage AND a little or no possibility of injury.

**CAUTION** : Procedures, which if not properly followed, create the probability of physical property damage AND a possibility of serious injury.

**WARNING** : Procedures, which if not properly followed, create the probability of property damage, collateral damage, and serious injury OR create a high probability of superficial injury.

### 3. Disclaimer and Warning

This product is not a toy and is not suitable for children under the age of 18. Adults should keep the Aircraft out of the reach of children and exercise caution when operating this aircraft in the presence of children.

This product is a multiple rotor aircraft, which will provide a comfortable flight experience when the power supply works normally and all parts are not damaged. Please visit website for the latest instructions and warnings. CFLY reserves the right to update this disclaimer. For the latest disclaimer, please refer to the version on the official website.

The information in this document affects user safety and legal rights and responsibilities. Read this entire document carefully to ensure proper configuration before use. Failure to read and follow the instructions and warnings in this document may result in product loss, serious injury to user, or damage to users' aircraft.

By using this product, user hereby signify that user have read this disclaimer carefully and that user understand and agree to abide by the terms and conditions herein. user agree that user are solely responsible for user own conduct while using this product, and for any consequences there of. user agree to use this product only for purposes that are proper and in accordance with all applicable laws, rules, and regulations, including international and domestic airspace regulations, and all terms, precautions, practices, policies and guidelines the manufacturer has made and may make available. user understand and agree that in the absence of flight records, CFLY may not be able to analyze the causes of product damage or accident and provide user with warranty and other after-sales services.

The manufacturer is not responsible for any damage, injury or any legal liability caused directly or indirectly by the use of this product. Users should follow safe and legal practices, including but not limited to the practices outlined in this Safety Guide.

Under the condition of complying with laws and regulations, CFLY has the final right to interpret this document and all relevant documents of this product. If there is any update, revision or termination without notice, please visit the CFLY official website for the latest product information.

### 4. Before You Begin

The following documents have been produced to help user safely operate and make full use of Aircraft :

- (1). Disclaimer and Safety Guidelines.
- (2). Quick Start Guide.
- (3). Operation manual (Please download the operation manual through the official website or APP).

Please read Disclaimer and safety guidelines before flight, then prepare for first flight by using the quick start guide ,make sure user fully understand the functionality of each individual part, the flight condition requirements ,the key contingency warning functions/systems, and all government regulations before each flight. For more information on products, please visit CFLY website and download.

## 5. INDIVIDUAL PARTS

### 1). Regarding Genuine and Functional Parts

**WARNING** To avoid component malfunction, serious injury, and property damage, observe the following rules:

- Use only genuine the manufacturer parts or parts certified by the manufacturer. Unauthorized parts or parts from non-the manufacturer certified may cause system malfunctions and compromise safety.
- Ensure there are no foreign objects (such as water, oil, soil, sand, etc.) inside of the aircraft or its components.
- Ensure the aircraft and its components including but not limited to the remote controller, camera, gimbal, compass, Propulsion system, and battery are all in good working order, damage free, and functioning well. Refer to the remaining sections in this document for more details on how to ensure the functionality of these components.

### 2). Remote Controller

**NOTICE** • Ensure the remote controller is fully charged before each flight.

- If the remote controller is powered on and has NOT been used for 9 minutes, it will sound an alert. After 10 minutes it will automatically power off.
- Adjust the clamp of the mobile device holder to allow a firm grip on your mobile device.
- Ensure the antennas of the remote controller are unfolded and adjusted to the proper position to achieve optimal transmission quality.
- Repair or replace the remote controller if damaged. A damaged remote controller antenna will greatly decrease performance.
- Linking is required if user wish to replace remote controller or receiver or add a new remote controller. Refer to the User

Manual for details.

- Fully charge the battery at least once every three months to maintain battery health.

### 3). Gimbal

#### NOTICE

- Precision elements in the gimbal may be damaged in a collision or impact, which may cause the gimbal to function abnormally, protect the gimbal from physical damage.
- DO NOT apply external force to the gimbal after the gimbal is powered on.
- DO NOT add any payloads to the gimbal, as this may cause the gimbal to function abnormally or even lead to motor damage.
- Remove the gimbal clamp before powering on the gimbal. Re-install the gimbal clamp to secure the gimbal's position if user are going to store the aircraft for an extended period..

### 4). Camera

#### NOTICE

- Turn off the aircraft power first, then plug in or pull out the TF card
- Check camera settings before use to make sure user can adjust them to fit needs.
- Test the camera by shooting a few test images and check that it is operating correctly before shooting important pictures or videos.
- The aircraft must be turned on to download photos or videos
- Be sure to power off the Intelligent Flight Battery correctly, otherwise your camera parameters will NOT be saved and any recorded videos may be damaged, CFLY will not be responsible for any failure of an image or video to be recorded or having been recorded in a way that is not machine readable.
- TF cards for the first time used in this aircraft must be formatted when the APP prompt to format, and can store photos or videos after showing the TF card capacity in the upper right corner of the APP. If TF cards are not formatted, photos or videos may not be saved.
- Before formatting the TF card, please back up the data in the TF Card in advance. If data is lost due to formatting TF card, CFLY will not bear any responsibility.

#### WARNING

***DO NOT block any ventilation holes on the camera as the heat generated may hurt you and damage the device.***

### 5). Compass

#### NOTICE

Please calibrate the compass according to the prompt of app or aircraft status indicator.

- Compass calibration is very important, and the calibration results directly affect flight safety. Failure to calibrate may lead to abnormal operation of the aircraft, and the return function cannot be performed when the compass is wrong.
- DO NOT calibrate your compass where there is a chance of strong magnetic interference, such as magnetite, parking structures, and steel reinforcements underground.
- DO NOT carry ferromagnetic materials with you during calibration such as cellular phones.
- The app will prompt to resolve the compass issue if the compass is affected by strong interference after calibration is complete. Follow the prompted instructions to resolve the compass issue.

#### CAUTION

Land immediately when severe drifting occurs in flight, i.e., the aircraft does NOT fly in straight lines.

### 6). Propulsion Systems

#### WARNING

To avoid serious injury to yourself or others, which may be caused by the rotating propellers and motors, observe the following rules:

#### (1). Propellers

- Be sure to check whether the propellers are in good condition before each flight. In case of aging, damage or deformation, please replace it before flying.
- Always power off the aircraft before touching the propellers.
- Be aware of the sharp edges of the propellers when mounting or removing the propellers. Wear gloves or take other protective measures when touching the propellers.
- Whenever necessary, use tools (e.g., wrench, screwdriver, pliers, etc.) to remove or install the propellers.

- Ensure the propellers are securely mounted to prevent them from falling off the motors.
- DO NOT turn on the motors when propellers are mounted and there are other people or animals in the immediate vicinity.

## (2). Motors

### WARNING

- Ensure the motors are securely mounted and rotating smoothly.
- DO NOT attempt to modify the structure of the motors.
- DO NOT touch or let hands or body come in contact with the motors after flight as they may be hot.

### NOTICE

To avoid possible serious injury and property damage, observe the following rules:

- DO NOT block any of the ventilation holes on the motors.
- DO NOT block any of the ventilation holes on the body of the aircraft.

### CAUTION

- Keep the motors free of dust.
- (2). Ensure the Aircraft sound a normal tune when powered on.

## 7). APP

### NOTICE

- Be sure to fully charge mobile device before launching the APP.
- If users are using a phone as mobile display device, be sure to continue flying safely when the phone receives an incoming call. DO NOT accept phone calls during flight.
- Read all prompted safety tips, warning messages, and disclaimers carefully. Be familiar with the related regulations in your area. You are solely responsible for being aware of all relevant regulations and flying in a way that is compliant.
  - a. Read and understand the warning messages before using the Auto take off and Auto-landing features.
  - b. Read and understand the warning message and disclaimer before setting the altitude beyond the default limit.
  - c. Read and understand the warning messages and disclaimer before switching between flight modes.
- Land your aircraft immediately if there is an alert shown on the app.
- Before each flight, all inspections must be carried out according to the pre flight checklist provided by app
- If user have never operated a similar aircraft, it is recommended that fly under the guidance of an experienced pilot..
- Beginner Mode is enabled by default when you launch the app for the first time. The aircraft's altitude and flight distance is restricted when flying in Beginner Mode. CFLY recommend user fly in Beginner Mode to perfect flight skills. Operate the actual aircraft only after you are confident that you have mastered adequate flight skills.
- Cache the map data of the area where you intend to fly the aircraft by connecting to the Internet before each flight.

## 6. Product Care

### 1). Storage and Transportation

#### WARNING

- To avoid serious injury to children and animals, observe the following rule: Small parts, such as cables and straps, are dangerous if swallowed. Keep all parts out of reach of children and animals.
- Store the Intelligent Flight Battery and remote controller in a cool, dry place away from direct sunlight to ensure the built-in LiPo battery does NOT overheat. Recommended storage temperature: between 71 ° and 82 ° F (22 ° C and 28 ° C ) for storage periods of more than three months. Never store in environments outside the temperature range of -68 ° to 113 ° F (-20 ° C to 45 ° C ).
- Do not store the battery or equipment containing battery in a closed environment. For example, in a closed car, the sun exposure will cause the battery to overheat.
- Do not allow the equipment to come into contact with liquid or immerse in water.
- Do not use liquids containing volatile components such as alcohol to clean the camera lens. Do not store the camera in a damp place..

### 2). Maintenance

#### NOTICE

- (1). Check every part of the aircraft after any crash or violent impact. If you have any problems or questions, please contact a authorized dealer.
- (2). Regularly check the Battery Level Indicators to see the current battery level and overall battery life. when the flight time is significantly reduced, please replace it with a new battery.

## 7. Compliance with Regulations & No Fly Zones

### 1). Regulations

#### WARNING

To avoid non-compliant behavior, serious injury and property damage, observe the following rules:

- DO NOT operate in the vicinity of manned aircraft, regardless of altitude. (Land immediately if necessary)
- DO NOT fly the aircraft in densely populated areas, including cities, sporting events, exhibitions, performances, etc.
- DO NOT fly the aircraft above the authorized altitude. Remain well clear of and DO NOT interfere with manned aircraft operations. Be aware of and avoid other aircraft and obstacles at all times.
- DO NOT fly the aircraft near or inside no fly zones specified by local laws and regulations. The no fly zone list includes: airports, borders between two sovereign countries or regions, major cities/regions, etc., and is continuously updated.
- DO NOT fly the aircraft above the authorized altitude, And ensure that the aircraft flies within sight range. If necessary, arrange observers to help monitor the position of the aircraft
- NEVER use the aircraft to carry illegal or dangerous goods/payloads.

#### CAUTION

- Make sure understand the nature/type of flight operation (such as for recreation, for public use, or for commercial use) and have obtained corresponding approval and clearance from the related government agencies before flight. Consult with local regulators for comprehensive definitions and specific requirements. Please note that the use of aircraft for any form of business is prohibited in some regions and countries.
- DO NOT fly around sensitive infrastructure or property such as power stations, water treatment facilities, correctional facilities, heavily traveled roadways, government facilities, military zones, etc.
- Respect the privacy of others when using the camera. DO NOT conduct surveillance operations such as image capture or video recording on any person, entity, event, performance, exhibition, and property without authorization or where there is an expectation of privacy, even if the image or video is captured for personal use.
- Please be advised that in certain areas, there cording of images and videos from events, performances, exhibitions, or commercial properties by means of a camera may contravene copyright or other legal rights, even if the image or video was shot for personal use.

### 2). Flight limit

#### NOTICE

The manufacturer always stresses safety during flight, and has therefore developed various aids to help users comply with local rules and regulations while flying. Flight restriction functions include but are not limited to large international airports, border lines between the two countries, large cities and regions, etc.

Altitude limit

#### CAUTION

- Fly NO higher than 120 meters (400 feet) above ground level and stay away from any surrounding obstacles.
- If you intend to fly above the default altitude limit, user are required to accept the prompted disclaimer to enable the new altitude limit.

## 8. Instructions for lithium batteries usage

Be sure to read all instructions and warnings and related documents carefully before assembling, setting up and using them. Improper use, charging or storage of batteries may cause fire, articles or personal injury. It is important to refer to the following instructions for using batteries.

### 1). Usage

#### WARNING

- No battery is allowed to be exposed to any liquid. Do not immerse the battery in water or wet it. Never use batteries in rain or damp environment. Contact with water inside the battery may lead to decomposition reaction, self-ignition of the battery, or even explosion.
- Non designated batteries are strictly prohibited. If need to change, please contact the dealer to find out the relevant purchase information. Using unofficially supplied batteries may damage products or flight failures, or even cause accidents.
- It is strictly prohibited to use batteries that are bulging, leaky, and packaged. If any of the above occurs, please contact the sales agent or designated agent for further processing.
- The battery should be used between ambient temperature of 0 and 40 degrees Celsius. When the temperature is too high (above 50 degrees Celsius), the battery will catch fire or even explode. If the temperature is too low (below 0 degrees Celsius), the battery life will be seriously damaged.

- It is forbidden to disassemble in any way or pierce batteries with sharp objects. Otherwise, it will cause battery ignition and explosion
- The liquid inside the battery is highly corrosive. If there is any leakage, keep away from the battery. If the liquid inside the battery splashes onto human skin or eyes, please rinse it immediately with clean water for at least 15 minutes and seek medical treatment immediately.
- If the battery is on fire, use solid fire extinguishers. It is recommended to use fire extinguishers in the following order: sand, blanket, dry powder and carbon dioxide fire extinguishers.
- Please keep the battery out of the reach of children. If a child accidentally swallows parts, seek medical assistance immediately.
- If the battery falls or is hit by external force, it must not be used again.
- After the flight of the aircraft, the battery is in a high temperature state. It is recommended to charge the battery after it is reduced to room temperature. The rechargeable ambient temperature of the battery is  $5^{\circ}\text{C} - 40^{\circ}\text{C}$ , and the ideal charging ambient temperature ( $22^{\circ}\text{C} - 28^{\circ}\text{C}$ ) can greatly prolong the service life of the battery.
- Do not place the battery near the heat source, such as in the car in direct sunlight or hot days, fire source or heating furnace.
- The environment for storing batteries should be kept dry. Do not place the battery in water or where it may leak.
- Do not store the battery for a long time after it is completely discharged, so as to prevent the battery from entering the over discharge state, causing damage to the battery cell and being unable to be restored to use
- It is forbidden to use batteries in strong static or magnetic fields. Otherwise, the battery protection board will fail, resulting in serious failure of the aircraft.
- Do not place objects on batteries or chargers.
- Do not place batteries in a microwave oven or pressure cooker.
- No wires or other metal objects are allowed to cause positive and negative pole short circuits.
- If there is dirt on the battery interface, clean it up with dry cloth. Otherwise, it will cause bad contact, resulting in energy loss or no charge.

## 2). Charge

### CAUTION

- The battery must be charged with the official charger. Charging with an unofficial charger can damage products and even cause safety accidents. CFLY will not be responsible for all the consequences.
- When charging, please place the battery and charger on the non-flammable and combustible ground (such as cement ground). Please pay attention to the charging process to prevent accidents.
- It is forbidden to charge the battery immediately after the flight is over. At this point, the battery is in a high temperature state, and forced charging will cause serious damage to the battery life. It is recommended that the battery be reduced to room temperature before charging. The ideal charging environment temperature ( $5^{\circ}\text{C} - 40^{\circ}\text{C}$ ) can greatly extend the battery life.
- After charging, please disconnect the charger from the battery immediately. Regularly check and maintain charger. Do not use damaged charger.

## 3). Storage and transportation

### CAUTION

- If long-term storage is required, the battery shall be removed from the aircraft.
- It is forbidden to place batteries near heat sources, such as cars, fires or heaters in direct sunlight or hot days. The ideal storage temperature of the battery is  $22^{\circ}\text{C} - 28^{\circ}\text{C}$ .
- Do not store the battery at room temperature above  $45^{\circ}\text{C}$  or below  $-10^{\circ}\text{C}$ .
- If the battery is idle for a long time, its performance will be affected. Charge and discharge again every 3 months or so to keep the battery active.
- If don't use batteries for more than 10 days, please store the batteries at 40%~65% of the power, which can prolong the service life of the batteries.
- Storage of batteries should be kept dry. Do not place batteries in water or where they may leak water.
- It is forbidden to impact, crush, puncture batteries, prohibit battery falling or artificial short circuit.
- It is forbidden to store or transport batteries with spectacles, watches, metal necklaces, hairpins or other metal objects.
- Do not transport damaged batteries. Once the battery is needed, the battery will be discharged to about 30%.
- Do not store the battery for a long time after it has been completely discharged, so as to avoid the battery entering an over-discharged state and causing damage to the battery core, which will not be able to resume use.



#### **4). Disposal**

**CAUTION**

- The battery must be completely discharged before it is placed in the designated battery recycling bin. Batteries are dangerous chemicals and are strictly prohibited from being disposed of in ordinary garbage bins. For details, please follow the local laws and regulations for battery recovery and placement.
- Batteries can not be used after over-discharge. Please dispose of them.

#### **5). Maintenance**

**CAUTION**

- Do not use charger in temperature is too high or too low.
- Do not store batteries at room temperature above 60 degrees Celsius.
- Do not overload the battery, otherwise it will damage the core.
- If the battery is idle for a long time, its performance will be affected.
- Recharge and discharge once every 3 months to maintain battery activity.

#### **6). Attentions for boarding**

**CAUTION**

- Before bringing the battery on airplane, please discharge the battery to less than 5% of the battery.
- Please store the battery in a ventilated and dry place.