

DISCLAIMER AND SAFETY GUIDELINES

v1.0



Safety at a Glance



Note that the Safety at a Glance section only provides a quick overview of the safety tips. Make sure you read and understand this document and the User Manual.

1. Pesticide Usage

- Avoid the use of powder pesticide as much as possible and clean the spraying system after use. Otherwise, the service life of the spraying system may be reduced.
- Pesticides are poisonous and pose serious risks to safety. Only use them in strict accordance with their specifications.
- Residue on the equipment caused by splashes or spills when pouring and mixing the pesticide can irritate your skin. Make sure to clean the equipment after mixing.
- Use clean water to mix the pesticide and filter the mixed liquid before pouring into the spray tank to avoid blocking the strainer. Clear any blockage before using the equipment.
- Make sure to stay in an upwind area when spraying pesticide to avoid bodily harm.
- Wear protective clothing to prevent direct body contact with the pesticide. Rinse your hands and skin after handling pesticides. Clean the aircraft and remote controller after applying the pesticide.
- Effective use of pesticides depends on pesticide density, spray rate, spray distance, aircraft speed, wind speed, wind direction, temperature, and humidity. Consider all factors when using pesticides, but DO NOT compromise the safety of people, animals, or the environment in doing so.
- DO NOT contaminate rivers and sources of drinking water.
- Disposal of surplus spray: Planning the spray operation helps to ensure only enough pesticide for the area to be treated is purchased and the amount of surplus spray solution is kept to a minimum. It is recommended that any surplus spray or washing liquid in the tank be applied to the crops. Users may also consider installing a pipeline to handle the disposal of the washing liquid in the tank.
- DO NOT use strong acids, strong bases, high-temperature liquids, or pesticides that are explicitly prohibited.

2. Environmental Considerations

- Fly at locations that are clear of buildings and other obstacles. DO NOT fly above or near large crowds.
- DO NOT fly over 4.5 km (14,763 ft) above sea level.
- Only fly in moderate weather conditions with temperatures between 0° and 40° C (32° and 104° F).
- Make sure that your operations do not violate any applicable laws or regulations, and that you have obtained all appropriate prior authorizations. Consult the relevant government agency or authority, or your lawyer before flight to ensure you comply with all relevant laws and regulations.
- DO NOT operate any part of the aircraft indoors.

3. Pre-Flight Checklist

Make sure to check all of the following:

- Remote controller and aircraft batteries are fully charged.
- All parts are in good condition. Replace aged or broken parts before flight.
- Landing gear and spray tank are firmly in place.
- Propellers and frame arms are unfolded and arm locks are firmly tightened. Propellers are in good condition and firmly tightened. There is nothing obstructing the motors and propellers.
- The FPV camera and vision system are clean and in good condition.
- Spraying system is not blocked and works properly.
- Compass is calibrated after being prompted to do so in the app.

4. Ingress Protection Rating Description

Under stable laboratory conditions, the core modules of the aircraft has a protection rating of IP67 (IEC 60529). However, this protection rating is not permanent and may reduce over time after long-term use due to aging and wear. The product warranty does not cover water damage.

The protection ratings of the aircraft mentioned above may decrease in the following scenarios:

- There is a collision and the seal structure is deformed.
- The seal structure of the shell is cracked or damaged.
- The waterproof covers are not properly secured.

5. Operation

- Stay away from the rotating propellers and motors.
- Make sure to fly within the specified max takeoff weight to avoid potential safety risks.
- The app will intelligently recommend the payload weight limit for the tank according to the current status and surroundings of the aircraft. DO NOT exceed the recommended payload weight limit when adding material to the tank. Otherwise, the flight safety may be affected.
- Maintain a visual line of sight (VLOS) of your aircraft at all times.
- DO NOT use the Combination Stick Command (CSC) or other methods to stop the motors when the aircraft is airborne unless in an emergency situation.
- DO NOT answer incoming calls during flight. DO NOT fly under the influence of alcohol or drugs.
- If there is a low battery warning, land the aircraft at a safe location.
- If the radar modules and vision system are unable to work properly in the operating environment, the aircraft will be unable to avoid obstacles during Return to Home (RTH). All that can be adjusted is the flight speed and altitude, as long as the remote controller is still connected.
- After landing, stop the motors, power off the aircraft, and turn off the remote controller. Otherwise, the aircraft may enter Failsafe RTH automatically due to remote controller signal loss.
- Maintain full control of the aircraft at all times and do not rely on the app. The obstacle avoidance function is disabled in certain situations. Keep the aircraft within VLOS and pay close attention to its flight. Use your discretion to operate the aircraft and manually avoid obstacles in a timely manner. It is important to set an appropriate Flight and RTH altitude before each flight.

6. Maintenance and Upkeep

- DO NOT use aged, chipped, or broken propellers.
- To avoid damaging the landing gear, remove or empty the spray tank during transportation or when not in use.
- Recommended storage temperature (when the spray tank, flow meter, pumps, and hoses are empty): between -20° and 40° C (-4° and 104° F).
- Clean the aircraft immediately after spraying. Inspect the aircraft regularly. Refer to the Product Care section for more information about maintenance guidelines.

7. Observe Local Laws and Regulations

- Make sure to familiarize yourself and follow all applicable local laws and regulations.
- Avoid flying at altitudes above 100 m (328 ft).*

* The flying altitude limit varies in different countries or regions. Make sure to fly at the altitudes outlined by local laws and regulations.

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 possibility of 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 serious injury.

WARNING

Read the entire user manual to become familiar with the features of this product before operating.

Failure to operate this product in a safe and responsible manner 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. Do not use with incompatible components or alter this product in any way outside of the provided documents.

Pre-Flight Checklist

Make sure to check all of the following:

1. Only use genuine parts in good condition.
2. Remote controller and aircraft batteries are fully charged.
3. Propellers are in good condition and mounted onto the motors correctly and securely.
4. Propellers and frame arms are unfolded and arm locks are firmly tightened.
5. Motors are mounted securely and start and function normally.
6. Landing gear, spray tank, and Flight Battery are firmly in place.
7. All parts are mounted securely, and cables are connected correctly and firmly.
8. There is nothing obstructing the RTK antennas, internal and external image transmission antennas, FPV camera, vision system, and the surface of the radar modules.
9. The aircraft firmware and app have been updated to the latest versions.
10. Your flight area is outside any GEO zones and flight conditions are suitable for flying the aircraft.
11. Make sure that you are not flying under the influence of alcohol, drugs, or any substance that may impair your cognitive abilities.
12. Be familiar with the selected flight mode and understand all safety functions and warnings.
13. Be sure to observe all local regulations, obtain appropriate authorizations, and understand the risks. It is solely your responsibility to comply with all flight regulations.
14. The app is properly launched to assist your operation of the aircraft.

Disclaimer and Warnings

This product is a multirotor flying platform intended for agricultural applications in farmland, woodland, and orchards only. This product is NOT a toy and is not suitable for children under the age of 18. Adults should keep the aircraft out of reach of children and DO NOT operate this aircraft in the presence of children.

By using this product, you signify that you have read, understand, and accept the terms and conditions of this guideline. The information in this document affects your safety and your legal rights and responsibilities. You agree to only use this product for proper purposes. You agree that you are solely responsible for your own conduct while using this product and for any consequences thereof. We accept no liability for damage, injury, or any legal responsibility incurred directly or indirectly from the use of this product.

Data Storage and Usage

When you use our mobile apps or our products or other software, you may provide with data regarding the use and operation of the product, such as flight telemetry data (e.g., speed, altitude, battery life, and information about the gimbal and camera) and operations record.

We reserves the right to update this disclaimer and safety guidelines. Visit official website periodically for the latest version.

Before You Begin

The following documents have been produced to help you safely operate and make full use of your aircraft:

1. Disclaimer and Safety Guidelines
2. Quick Start Guide
3. User Manual

Check all of the included parts listed in the quick start guide and read the disclaimer and safety guidelines before flight. Refer to the user manual for more comprehensive information. Make sure you fully understand the functionality of each individual part, the flight condition requirements, the key contingency warning functions and systems, and all government regulations before each flight. If you have any questions or problems during the assembly, maintenance, or use of this product, contact a local dealer.

Individual Parts

Regarding Genuine and Functional Parts

WARNING

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

1. Use only genuine parts. Unauthorized parts may cause system malfunctions and compromise safety.
2. Make sure there are no foreign objects inside of the aircraft or its components, such as water, oil, soil, or sand.
3. Make sure the aircraft and its components are all in good working order, damage-free, and functioning well. Components include, but are not limited to, the remote controller, compass, propulsion system, radar modules, and spraying system.

Remote Controller

WARNING

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

1. Use the ports on the remote controller in strict accordance with their specifications.
2. Make sure that the display device on the remote controller has access to the internet. Otherwise, flight records cannot be uploaded.

NOTICE

1. Make sure the remote controller is fully charged before each flight.
2. There will be an alert if the remote controller is not used for five minutes while it is powered on but the touchscreen is off and it is not connected to the aircraft. It will automatically power off after a further 30 seconds. Move the control sticks or perform any other remote controller action to cancel the alert.
3. To achieve optimal transmission quality, make sure the antennas of the remote controller are unfolded and adjusted to the proper position.
4. For optimal communication and positioning performance, DO NOT block or cover the remote controller internal RC antennas and internal GNSS antenna.
5. Contact local dealers to repair the remote controller if damaged. A damaged antenna will greatly decrease performance.
6. Replacement remote controllers have to be linked to the aircraft. After linking, make sure that the transmission distance can reach 300 m before using. Refer to the user manual for more information on linking instructions.
7. Fully charge and discharge the battery of the remote controller at least once every three months.
8. Immediately charge the battery of the remote controller when its power level decreases to 0% to prevent the device being damaged due to over discharge for an extended period. Discharge the batteries to a power level between 40% and 60% if stored for an extended period.
9. DO NOT cover the air vent or the air intake on the remote controller. Otherwise, the performance of the remote controller may be affected due to overheating.

Aircraft Body

WARNING

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

1. Use the ports on the aircraft body in strict accordance with their specifications.
2. DO NOT short circuit the ports on the aircraft body.
3. Be careful when assembling or cleaning the aircraft as some parts of the aircraft body are sharp.
4. Make sure to unfold and fold the arms as instructed and that the arms are inserted into the storage clamps on both sides of the aircraft. Otherwise, the arms may be damaged.
5. When using the RTK function, operate in an open environment free from radio interference. DO NOT obstruct the RTK antennas when used.
6. DO NOT obstruct the image transmission antennas.
7. When operating at night, DO NOT look directly at the spotlight to avoid damaging your eyes.
8. If the USB-C port is not in use, make sure to attach the waterproof cover. Otherwise, water may enter the port which can short circuit.

Flight Battery

WARNING

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

1. Only use official flight batteries.
2. Read the battery's safety guidelines and take necessary precautions when handling the batteries to ensure your own safety.
3. DO NOT splash the battery with an excessive volume of water.

Compass

To avoid component malfunction, serious injury, and property damage, land immediately when obvious drifting occurs in flight such as if the aircraft does not fly in a straight line.

NOTICE

Calibrate the compass when the app prompts you to do so. Observe the following rules when calibrating your compass:

1. It is important to calibrate the compass. The calibration result will affect the flight safety. The aircraft may malfunction if the compass is not calibrated.
2. DO NOT calibrate your compass where there is a chance of strong magnetic interference. This includes areas where there are utility poles or walls with steel reinforcements.
3. DO NOT carry ferromagnetic materials with you during calibration such as keys or mobile phones.
4. After calibrating successfully, the compass may be abnormal when you place the aircraft on the ground. This may be because of underground magnetic interference. Move the aircraft to another location and try again.

Propulsion System

WARNING

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

Propellers

1. Check if the propellers are in good condition before each flight. Replace aged, chipped, or broken propellers.
2. Power off the aircraft before touching the propellers.
3. Be aware of the sharp edges of the propellers when mounting or removing the propellers.
4. Make sure that propellers are unfolded and firmly tightened before each flight.
5. Stay away from the rotating propellers and motors to avoid injuries.

Motors

1. Make sure that the motors are securely mounted and rotating smoothly.

2. DO NOT attempt to modify the structure of the motors.
3. DO NOT touch or let your hands or body come in contact with the motors after flight as they may be hot.
4. DO NOT block any of the ventilation holes on the motors.

NOTICE

1. Keep the motors free of dust.
2. If a motor is stuck and unable to rotate freely, execute the CSC to stop the motors immediately.
3. Make sure the sound of the motors when powering on is normal.

Spraying System

WARNING

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

Sprinklers

1. Avoid the use of water-insoluble pesticides as much as possible.
2. The sprinklers are delicate parts. Clean them immediately after use.
3. DO NOT bend the hose in an arc tighter than its minimum bend radius. This is to avoid creasing, which may compromise the spraying effect.
4. Make sure to securely tighten the hose nuts to avoid liquid leakage.

Spray Tank

1. Make sure that the spray tank is firmly in place to avoid liquid leakage.
2. The spray tank load must not exceed the specified max value. Refer to the specifications of each aircraft model for more information.

Vision System

NOTICE

1. The performance of the vision system is affected by light intensity and the patterns or texture of the surface being flown over. Operate the aircraft with great caution in the following situations:
 - a. Flying over monochrome surfaces (e.g., pure black, pure white, pure red, pure green).
 - b. Flying over highly reflective surfaces.
 - c. Flying over water or transparent surfaces.
 - d. Flying in an area where the lighting changes frequently or drastically.
 - e. Flying over extremely dark (< 5 lux) or bright (> 10,000 lux) surfaces.
 - f. Flying over surfaces with repeating identical patterns or textures or with particularly sparse patterns or textures.
2. Make sure that there are clear patterns and adequate lighting in the surroundings.
3. The obstacle sensing function of the vision system may not work properly when the aircraft is operated in a dim environment or over water or surfaces without a clear pattern.

Radar Modules

WARNING

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

1. DO NOT touch or let your hands or body come in contact with the metal parts of the radar module when powering on or immediately after flight as they may be hot.
2. Maintain full control of the aircraft at all times and do not rely completely on the radar module and app. Keep the aircraft within VLOS at all times. Use your discretion to operate the aircraft manually to avoid obstacles.
3. The effective detection range is 1.5-50 m. Note that the aircraft cannot sense obstacles that are not within the detection range. Fly with caution.
4. When sensing objects such as an inclined line, inclined utility pole, or power line at an inclined angle against the flying direction of the aircraft, the radar detection performance will be affected since most of the radar electromagnetic waves are reflected to other directions. Fly with caution.

NOTICE

1. Comply with local radio transmission laws and regulations.
2. The sensitivity of the radar module may be reduced when operating several aircraft within a short distance. Operate with caution.
3. The obstacle sensing functions are disabled in Attitude mode.
4. The radar module is a precision instrument. DO NOT squeeze, tap, or hit the radar module.
5. Before use, make sure that the radar module is clean and the outer protective cover is not cracked, chipped, sunken, or misshapen.
6. The radar module enables the aircraft to maintain a fixed distance from vegetation only within its working range. Observe the distance of the aircraft from vegetation at all times.
7. Operate with extra caution when flying over inclined surfaces. The recommended maximum inclination at different aircraft speeds are 10° at 1 m/s, 6° at 3 m/s, and 3° at 5 m/s.

Firmware

WARNING

To avoid component malfunction, serious injury, and property damage, observe the following rule:

1. Keep people and animals at a safe distance during any firmware update, system calibration, and parameter setting procedures.

NOTICE

1. For safety, always update to the latest firmware version.
2. Only use official firmware.
3. Make sure to update the remote controller's firmware to the latest version after you update the aircraft's firmware.
4. The remote controller may become unlinked from the aircraft after updating. Re-link the remote controller and aircraft.
5. Make sure to check all connections and remove the propellers from the motors before performing the firmware update.

Flight Control App

NOTICE

1. Read all 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. Make sure to pay close attention in the following situations:
 - a. Using the auto-take off and auto-landing features.
 - b. Setting the altitude beyond the default limit.
2. Land your aircraft immediately if a prompt appears in the app.
3. Examine and check all warning messages on the aircraft status list displayed in the app prior to each flight.

Product Care

Storage and Transportation

WARNING

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

1. Small parts, such as cables and straps, are dangerous if swallowed. Keep all parts out of reach of children and animals.
2. Make sure to remove the battery from the aircraft during transportation.
3. Remove or empty the spray tank during transportation or when not in use to avoid damaging the landing gear. Store the aircraft in a cool dry place.

Maintenance

WARNING

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

1. Inspect the aircraft every 100 flights or after flying for over 20 hours:
 - a. Check for and replace worn propellers.
 - b. Check for loose propellers. Replace propellers and propeller washers if needed.
 - c. Check for aging plastic or rubber parts.
 - d. Check for poor atomization of the sprinklers. Clean the centrifugal disks of the sprinklers thoroughly. Replace the centrifugal disks in the case of severely poor atomization.
 - e. Replace the spray tank strainer.
2. DO NOT attempt to repair the aircraft. Contact local dealers if any parts are damaged.

NOTICE

1. Keep the protective cover of the radar module clean. Clean the surface with a soft damp cloth and air dry before using again.
2. Keep the FPV camera and the cameras of the vision system clean. Make sure that the aircraft is powered off. First remove any larger pieces of grit or sand then wipe the lens with a clean, soft cloth to remove dust or other dirt.
3. In the event of a crash or collision, make sure to thoroughly inspect every part of the aircraft and make any necessary repairs and replacements before your next flight. If you have any problems or questions, contact local dealers.

Flight Condition Requirements

Weather Conditions and Surrounding Environment

WARNING

The aircraft is designed to operate in good to moderate weather conditions. To avoid collision, serious injury, property damage or imposing health hazards, observe the following rules:

1. DO NOT use the aircraft in adverse weather conditions such as winds exceeding 6 m/s, heavy rain (precipitation rate exceeding 25 mm (0.98 in) in 12 hours), snow, or fog.
2. To prevent health hazards to nearby people and to ensure effective spray, operate the aircraft to spray in wind speeds below 6 m/s. It is recommended to operate the aircraft in wind speeds below 3 m/s when using herbicide, fungicides, or insecticides that are easy to drift and that pose phytotoxic risks.
3. Keep the aircraft at least 10 m (30 ft) away from obstacles, people, animals, buildings, public infrastructure, and bodies of water when in flight. As the aircraft's altitude increases, keep an even further distance away from the aforementioned objects or obstacles.
4. DO NOT fly over 4.5 km (14,763 ft) above sea level.
5. The app will intelligently recommend the payload weight of the tank according to the current status and surroundings of the aircraft. When adding material to the tank, the max weight should not exceed the recommended value. Otherwise, the flight safety may be affected.
6. DO NOT operate any part of the aircraft indoors.

NOTICE

1. Aircraft and battery performance is subject to environmental factors such as air density and temperature.
 - a. Be careful when flying 2 km (6,560 ft) or more above sea level as battery and aircraft performance may be reduced.
 - b. In low temperature environments (between 0° and 10° C (32° and 50° F)), make sure that the flight battery is fully charged and be sure to reduce the payload of the aircraft. Otherwise, it will affect the flight safety or a takeoff limit will occur.
2. DO NOT use the aircraft near accidents, fire, explosions, floods, tsunamis, avalanches, landslides, earthquakes, dust, or sandstorms.

Interference with Flight Controller and Communications

NOTICE

1. Fly in open areas. Tall buildings, steel structures, mountains, rocks, or forests may affect the accuracy of the on-board compass and block both GNSS and remote control signals.

2. Avoid using wireless devices that use the same frequency bands as the remote controller.
3. When using with multiple aircrafts, make sure that the distance between each aircraft is more than 10 m to avoid interference.
4. The sensitivity of the radar module may be reduced when operating several aircraft within a short distance. Operate with caution.
5. Be alert when flying near areas with magnetic or radio interference. These include, but are not limited to, high voltage lines, large scale power transmission stations or mobile base stations, and broadcasting towers. Failing to do so may compromise the transmission quality of this product or cause transmission errors which may affect flight orientation and location accuracy. The aircraft may behave abnormally or go out of control in areas with too much interference.
6. If the RTK dongle is used for field planning, the module should be disconnected from the remote controller after planning is completed. Otherwise, it will affect the communication performance of the remote controller.

Operating the Aircraft Responsibly

WARNING

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

1. Make sure you are not under the influence of alcohol, drugs, or anesthesia, or suffering from dizziness, fatigue, nausea, or any other conditions, whether physical or mental, that could impair your ability to operate the aircraft safely.
2. DO NOT stop the motors mid-flight unless in an emergency situation where doing so will reduce the risk of damage or injury.
3. Upon landing, power off the aircraft, and then power off the remote controller.
4. DO NOT drop, launch, fire, or otherwise project any dangerous payloads on or at any buildings, persons, or animals, or which could cause personal injury or property damage.

NOTICE

1. Make sure you have been sufficiently trained and have contingency plans for emergency situations or for when accidents occur.
2. Make sure you have a flight plan and DO NOT fly the aircraft recklessly.
3. DO NOT use this product for any illegal or inappropriate purpose such as spying, military operations, or unauthorized investigations.
4. DO NOT use this product to defame, abuse, harass, stalk, threaten, or otherwise violate the legal rights of others, such as the right of privacy and publicity.
5. DO NOT trespass onto private property of others.

Flight Modes, Operation Modes, Functions, and Warnings

Flight Modes

NOTICE

The aircraft will fly in N-mode (Normal) by default.

The aircraft will revert to A-mode when the GNSS signal is weak or when the compass experiences interference. The flight speed in A-mode depends on its surroundings such as the wind speed.

In A-mode, the aircraft cannot position itself and is easily affected by its surroundings, which may result in horizontal shifting. Use the remote controller to position the aircraft.

Maneuvering the aircraft in A-mode can be difficult. Avoid flying in confined spaces or in areas where the GNSS signal is weak. Otherwise, the aircraft will enter A-mode, leading to potential flight risks. Land the aircraft in a safe place as soon as possible.

Operation Modes

WARNING

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

1. Make sure that you fully understand the aircraft's behavior under each operation mode before use.
2. Stay clear of obstacles near the operation route. Maintain line of sight to the aircraft and observe its status at all times.
3. Only operate in Route or Orchard Operation mode when receiving a strong GNSS signal.

Failsafe and Return to Home (RTH)

NOTICE

1. RTH will not work if there is a weak or no GNSS signal.
2. Tall buildings may adversely affect RTH. Therefore, it is important to set an appropriate failsafe altitude before each flight. Adjust the aircraft location, altitude, and speed while returning home to avoid obstacles when there is a strong remote controller signal.
3. Make sure to fly the aircraft within the transmission range of the remote controller.
4. Only use RTH in emergency cases, as they may be affected by the weather, the environment, or any nearby magnetic fields.
5. The aircraft decelerates and brakes and hovers if there is an obstacle within 20 m of the aircraft. The aircraft exits RTH and waits for further commands.
6. If RTH is triggered during Route operations, the aircraft can plan a flight path for RTH to circumvent the obstacles added when planning a field.

Compliance with Regulations & Flight Limits

Regulations

WARNING

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

1. DO NOT modify the aircraft or use the aircraft for purposes other than for agriculture.
2. DO NOT operate in the vicinity of manned aircraft, regardless of altitude. If necessary, land immediately.
3. DO NOT fly the aircraft in areas where the large events are being held, including but not limited to sporting events and concerts.
4. DO NOT fly the aircraft near or inside restricted zones specified by local laws and regulations. Restricted zones include, but are not limited to, airports, borders between two sovereign countries or regions, major cities, and areas where temporary events or activities are being held. Note that restricted zones are continuously updated.
5. Remain well clear of and DO NOT interfere with manned aircraft operations. Be aware of and avoid other aircraft and obstacles at all times.
6. DO NOT fly the aircraft above the authorized altitude.
7. DO NOT use the aircraft to carry illegal or dangerous payloads.

NOTICE

1. Make sure you understand the nature of your 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 your local regulators for comprehensive definitions and specific requirements. Note that remote controlled aircraft may be banned from conducting commercial activities in certain countries and regions. Check and follow all local laws and ordinances before flying as those rules may differ from those stated here.
2. DO NOT fly around sensitive infrastructure or property such as power stations, water treatment facilities, correctional facilities, heavily traveled roadways, government facilities, and military zones.

Flight Limits

NOTICE

We stress safety during flight, and has therefore developed various aids to help users comply with local rules and regulations while flying. We strongly recommend that you update the firmware to the latest version to ensure the following features are fully updated:

GEO Zones

1. GEO zones are divided into different categories and include, but are not limited to, locations such as airports, flying fields where manned aircraft operate at low altitudes, borders between two sovereign countries or regions, sensitive locations such as power plants, and areas where major events are being held.
2. Flight restrictions vary by zone. Depending on the restrictions in a particular zone, warnings may appear in the app, takeoff may be forbidden, the flight altitude may be limited, or the aircraft may take action automatically such as landing automatically.
3. Functions related to flying actions will be affected to some extent when the aircraft is near or inside a GEO zone. When near or inside a GEO zone, the aircraft may slow down, it may not be possible to create a flight task, or a flight task in progress may be interrupted. Note that the effects are not limited to the above only.

Altitude Limit

1. Fly no higher than 100 m (328 ft) above ground level and stay away from any surrounding obstacles.

Distance Limit

1. The maximum flight distance is 2 km. Note that the battery level may not be enough for the aircraft to return to the Home Point if the aircraft is too far away. Make sure to fly with caution.

Export Controls

Comply with Applicable Export Control Laws

You are advised that export, re-export, and transfer of the Products are subjected to Chinese export control law and other applicable export control laws and sanctions (hereafter collectively referred to as "Export Control Laws"). Prior to your use, sale, transfer, rental, or other conduct related to the Products, unless permitted by the Export Control Laws or with the license issued by competent authorities, you shall in particular check and guarantee by appropriate measures that:

1. There will be no infringement of an embargo imposed by the Export Control Laws;
2. The Products will not be provided to the entities, persons, and organizations listed in all applicable sanctioned party lists;
3. The Products are not intended for use in connection with armaments, nuclear, chemical or biological weapons, or missile technology applications.

Export Compliance, Disclaimer & Indemnity

You acknowledge it is your responsibility to comply with Chinese export control law and any other applicable export control laws. You shall solely be responsible for the legal responsibility if any of your use, sale, transfer, rental or other conduct related to the Products fail to comply with the applicable export control laws. We shall, in no circumstances, be responsible for your violation of any applicable export control laws. Furthermore, you shall indemnify, defend, and hold harmless the company, its affiliates, directors, officers, employees, agents, and representatives, from and against any and all claims, demands, suits, causes of action, expenses (including reasonable attorneys' fee), damages, losses, or liabilities of any nature whatsoever, arising from, or allegedly arising from, or related to, your failure to comply with applicable export control laws.

FCC Compliance Notice

Supplier's Declaration of Conformity

Product name: Talos T60X

Model Number: Talos T60X

Responsible Party: Bonta Vita, Inc.

Responsible Party Address: 22220 Opportunity Way, Suite 102, Riverside, California 92518

Website: <https://talosdrones.com>

We, Bonta Vita, Inc. being the responsible party, declares that the above mentioned model was tested to demonstrate complying with all applicable FCC rules and regulations.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF Exposure Information

The aircraft complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm during normal operation. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The portable device is designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (FCC).

These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the body.

These requirements set a SAR limit of 4 W/kg averaged over ten gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the limbs.

This content is subject to change without prior notice.



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