

MATRICE 600

DISCLAIMER AND SAFETY GUIDELINES

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Searching for Keywords

Search for keywords such as “battery” and “install” to find a topic. If you are using Adobe Acrobat Reader to read this document, press Ctrl+F on Windows or Command+F on Mac to begin a search.

Navigating to a Topic

View a complete list of topics in the table of contents. Click on a topic to navigate to that section.

Printing this Document

This document supports high resolution printing.

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Safety at a Glance

1. Environmental Considerations

- Always fly at locations that are clear of buildings and other obstacles.
- DO NOT fly above or near large crowds.
- Avoid flying at altitudes above 400 feet (120 m).
- Be very careful when flying 8,202 feet (2,500 m) or more above sea level.
- Fly in moderate weather conditions with temperatures between 14° and 104° F (-10° and 40° C).



The Matrice™ 600 aircraft is NOT a toy and is not suitable for children under the age of 18.

Note that 'Safety at a Glance' only provides a quick overview of the safety tips. Make sure you read and understand the remaining sections of this document.

2. Pre-flight Checklist

- Remote controller and aircraft batteries are **fully charged**.
- Propellers and frame arms are unfolded.
- Propellers are in **good condition** and **securely tightened**.
- All parts are mounted securely, cables are connected correctly and firmly.
- There is **nothing obstructing the motors**.
- Be sure to **calibrate the compass** at every new flight location or if you receive a software prompt.

3. Operation

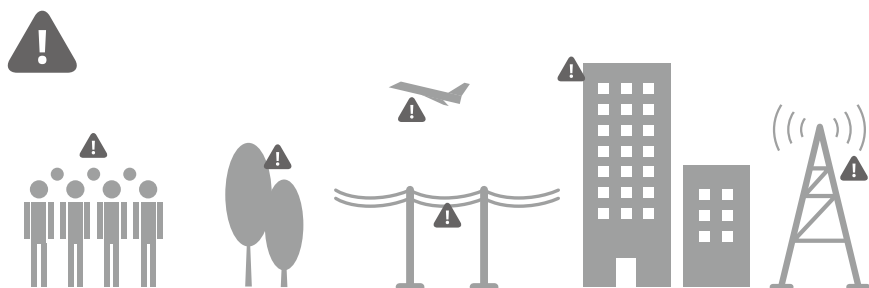
- Stay **away** from the rotating propellers and motors.
- Maintain a **line of sight** to your aircraft at all times.
- **NEVER stop the motors mid-flight**.
- **DO NOT** answer **incoming calls** during flight.
- **DO NOT** fly under the influence of **alcohols** or **drugs**.
- During the Return-to-Home procedure, you can adjust the altitude to **avoid obstacles**.
- **DO NOT** fly closely above **reflective surfaces** such as **water** or **snow**, as these terrain may affect the performance of the Vision Positioning System (for aircrafts using the Vision Positioning System only).
- In the instance of a **Low Battery Warning**, land the aircraft at a **safe location**.
- Always keep both hands on the remote controller while the motor is spinning. Power off the aircraft before turning off the **remote controller** after landing.

4. Maintenance and Upkeep

- **DO NOT** use aged, chipped or broken propellers.
- Recommended storage temperature: **between 71° and 82° F (22° and 28° C)**.
- Refer to the *Intelligent Flight Battery Safety Guidelines* for more information about safe use of the battery.

5. Observe Local Laws and Regulations

- **DO NOT** fly inside the No Fly Zones. You can find a detailed list of these areas at <http://flysafe.dji.com/>
- The DJI No Fly Zone is not a replacement for **local government regulations** or **good judgment**.
- Avoid flying in areas where rescue teams are actively using the airspace.

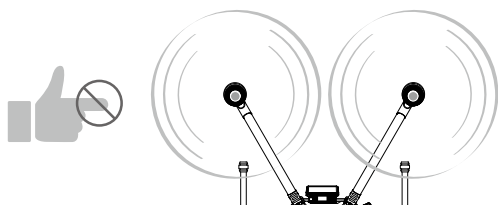


Avoid flying over or near obstacles, crowds, high voltage power lines, trees or bodies of water.

DO NOT fly near strong electromagnetic sources such as power lines and base stations as it may affect the onboard compass.



DO NOT use the aircraft in adverse weather conditions such as rain, fog, snow, lightning and wind speeds exceeding 8 m/s or 17 mph.



Stay away from the rotating propellers and motors.



Learn more at:
<http://www.dji.com/flysafe/no-fly>

NOTICE

All instructions and other collateral documents are subject to change at the sole discretion of SZ DJI TECHNOLOGY CO., LTD. For up-to-date product information, visit <http://www.dji.com> and click on the Matrice 600 product page.

Glossary

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

NOTICE NOTICE: Procedures, which if not properly followed, create a possibility of physical property damage AND possibility of injury.

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

WARNING 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.



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 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.

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 documents provided by SZ DJI TECHNOLOGY CO., LTD. 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.

Age Recommendation: Not for children under the age of 18. This is not a toy.

Pre-flight Checklist

1. Use only genuine parts in good condition.
2. Remote controller, Intelligent Flight Batteries, and mobile device are fully charged.
3. Securely mount propellers onto motors, propellers and frame arms are unfolded, and motors can start and function normally.
4. All parts are mounted securely, and cables are connected correctly and firmly.
5. Follow the on-screen instructions to calibrate the compass.
6. DJI GO™ app and aircraft's firmware have been upgraded to the latest version.
7. Your flight area is outside of any No Fly Zones and flight conditions are suitable for flying the aircraft.
8. Be sure that you are NOT flying under the influence of alcohol, drugs or any substance that may impair your cognitive abilities.
9. Be familiar with the selected flight mode and understand all safety functions and warnings.
10. Be sure to observe all local regulations, obtain appropriate authorizations, and understand the risks.

REMEMBER: It is solely your responsibility to comply with all flight regulations.

Disclaimer and Warning

This product is NOT a toy and is not suitable for children under the age of 18. Adults should keep the Matrice 600 out of the reach of children and exercise caution when operating this aircraft in the presence of children.

This product is a multirotor flying platform that offers easy flight when in good working order as set forth below. Visit <http://www.dji.com> for the most current instructions and warnings and <http://knowbeforeyoufly.org/> for more information about flight safety and compliance.

The information in this document affects your safety and your 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 you, or damage to your aircraft.

By using this product, you hereby signify that you have read this disclaimer carefully and that you understand and agree to abide by the terms and conditions herein. You agree that you are solely responsible for your own conduct while using this product, and for any consequences thereof. You 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 DJI™ has made and may make available.

DJI accepts no liability for damage, injury or any legal responsibility incurred directly or indirectly from the use of this product. The user shall observe safe and lawful practices including, but not limited to, those set forth in these Safety Guidelines.

Data Storage and Usage

When you use our products, mobile apps, or other software, 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 operation records, may be automatically or manually uploaded to and maintained on a DJI-designated server. The internal storage device incorporated into the product stores various types of data, including flight telemetry data. You may also provide flight telemetry data and other data to us when you manually transmit that information from the internal storage device to us.

The information that is automatically uploaded or manually uploaded to us does not include personal data (i.e., your name, address, email, or other information that specifically identifies you), but personal data, such as your user name, may become associated with, used to identify, or tagged to such uploaded information when we store it. We separately describe how we use your user name and other personal data on our privacy policy at <http://www.dji.com/policy>. By using the product, the mobile app or other software we distribute, or by manually providing data to us, you consent to the following:

- Our storage of any flight telemetry data and other data uploaded or provided to us, in combination with your user name;
- Our use of any such data uploaded or provided (including your user name) to provide support and services to you and to improve our products;
- Our disclosure of such data uploaded or provided (including your user name) to our agents and/or contractors who may use it on our behalf or in connection with their relationship with us; and
- Our disclosure of such uploaded or provided data (including your user name) as required by law, in a matter of public safety or policy, as needed in connection with the transfer of our business assets, or if we believe in good faith that sharing the data is necessary to protect our rights or property.

Compliance Information

FCC Warning Message

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

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.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Note: 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.

IC RSS Warning

This device complies with Industry Canada licence-exempt RSS standard (s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

IC Radiation Exposure Statement:

This equipment complies with IC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

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

KCC Warning Message

“해당무선설비는 운용 중 전파혼신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없습니다.”

“해당 무선설비는 운용 중 전파혼신 가능성이 있음”



인증받은자의 상호 : SZ DJI TECHNOLOGY CO., LTD

제품명 / 모델명 : 특정소출력무선기기 (무선데이터통신시스템용무선기기)/M600

제조사 및 제조국가 : SZ DJI TECHNOLOGY CO., LTD

제조년월 : 2015.12

인증번호 : MSIP-CRM-dji-PM820

해당 무선설비는 전파혼신 가능 성이 있으므로 인명안전과 관련된 서비스는 할 수 없음

NCC Warning Message

低功率電波輻射性電機管理辦法

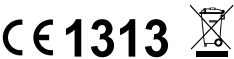
第十二條 經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

EU Compliance Statement

SZ DJI TECHNOLOGY CO., LTD. hereby declares that this device is in compliance with the essential requirements and other relevant provisions of the R&TTE Directive.

A copy of the EU Declaration of Conformity is available online at www.dji.com/euro-compliance



EU contact address: DJI GmbH, Industrie Strasse. 12, 97618, Niederlauer, Germany

Before You Begin

The following documents have been produced to help you safely operate and make full use of your Matrice 600:

Matrice 600 In the Box

Matrice 600 Disclaimer and Safety Guidelines

Matrice 600 Quick Start Guide

Matrice 600 Intelligent Flight Battery Safety Guidelines

Matrice 600 User Manual

Check to see that you have all of the components listed in the *Matrice 600 In the Box* document. Before assembly, read the *Matrice 600 Disclaimer and Safety Guidelines*. Get prepared using the *Matrice 600 Quick Start Guide*. Complete the assembly with the help of the *Matrice 600 User Manual* and the video tutorial on the DJI website (<http://www.dji.com>). For more information, please refer to the *Matrice 600 User Manual* available on the DJI website. Make sure you 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. If you have any questions or problems during the assembly, maintenance or use of this product, please contact DJI or a DJI authorized 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 DJI parts or parts certified by DJI. Unauthorized parts or parts from non-DJI certified manufacturers may cause system malfunctions and compromise safety.**
2. **Ensure there are no foreign objects (such as water, oil, soil, sand, etc.) inside of the aircraft or its components.**
3. **Ensure the aircraft and its components—including but not limited to the remote controller, flight controller, Lightbridge™ 2 Air System, landing gear, GPS, compass, propulsion system, and batteries—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.**
4. **DO NOT remove parts that come with the aircraft—including but not limited to the flight controller, power management unit, and Lightbridge 2 Air System—for other uses. DO NOT replace any of them with other parts.**

Remote Controller

NOTICE

1. Ensure the remote controller is fully charged before each flight.
2. If the remote controller is powered on and has NOT been used for 5 minutes, it will sound an alert. After 10 minutes it will automatically power off. Move the sticks or perform some other action to cancel the alert.
3. Adjust the clamp of the mobile device holder to allow a firm grip on your mobile device.
4. Ensure the mobile device holder is firmly in place and does not slip.
5. Ensure the antennas of the remote controller are unfolded and adjusted to the proper position to achieve optimal transmission quality.
6. Repair or replace the remote controller if damaged. A damaged remote controller antenna will greatly decrease performance.

7. For the GPS in the remote controller to function properly and the Home Point to be accurate, ensure the DJI logo is facing the sky and keep the remote controller away from any metal objects.
8. Linking is required if you wish to replace your remote controller or receiver or add a new remote controller. Refer to the User Manual for details.

Center Frame

WARNING

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

1. DO NOT short out the reserved ports on the center frame.
2. There are two DC18V power ports and one LIPO-6S power port reserved on the center frame. The DC18V power ports have an output voltage of 18 V and a maximum output current of 3 A. The LIPO-6S power port has the same output voltage as the Intelligent Flight Battery and a maximum output current of 10 A. Use the power ports in strict accordance with their specifications.
3. DO NOT damage the cables when mounting or removing the upper or lower plate of the center frame.

Retractable Modules

WARNING

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

1. DO NOT interchange the mounting positions of the left and right retractable modules. Identify the left retractable module by locating the integrated control board.
2. DO NOT interchange the cabling of the left and right retractable modules, or else the landing gear will not function normally.
3. Arrange the cables neatly to avoid them from being cut by the frame edges.

Landing Gear

WARNING

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

1. The antennas are attached to the landing gear legs upon delivery. DO NOT move the antennas.
2. Before mounting the landing gear legs, pull out the antenna connector pins.
3. Be careful not to damage the antenna cables when mounting or removing the landing gear.
4. Watch your fingers when mounting the springs to the landing gear.
5. Ensure the landing gear is lowered before landing.

Flight Control System

WARNING

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

Flight Controller

1. DO NOT attempt to modify the structure of the flight controller.
2. DO NOT change the mounting position and orientation of the flight controller.
3. DO NOT short out the ports on the flight controller.

4. Connect cables in strict accordance with port descriptions.
5. The recommended storage temperature is -20° to 50°C (-4° to 122° F).

Power Management Unit (PMU)

1. The PMU has an input voltage range of 10.5-51 V (3-12S battery equivalent), output voltage of 9 V and maximum output current of 2 A. Be sure to use the PMU in strict accordance with these specifications.
2. Only use the power cable extending from the center frame to supply power to the PMU.
3. The recommended storage temperature is -20° to 50°C (-4° to 122° F).

NOTICE

Flight Controller

1. The flight controller is neither waterproof nor oil-proof.
2. Check regularly to ensure the flight controller is firmly secured.
3. DO NOT place devices producing heat near the flight controller.

PMU

1. DO NOT block or cover the PMU to maximize heat dissipation and system performance.

Lightbridge 2 Air System

⚠ WARNING

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

1. Install the antennas before powering on the Air System.
2. ONLY use the DBUS cable that comes with the Matrice 600, or else the Lightbridge 2 Air System will not function normally.

GPS-Compass Pro

⚠ WARNING

To avoid component malfunction, serious injury, and property damage, make sure:

1. GPS-Compass Pro's collapsible mount is unfolded and the extension rod is securely mounted before each flight.
2. GPS-Compass Pro is securely mounted and the arrow is pointing towards the nose of the aircraft.
3. Settings in the DJI Assistant 2 are correct.

CAUTION

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

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

NOTICE

GPS

1. Avoid catching your fingers in the collapsible mount of the GPS-Compass Pro.
2. Separate the GPS-Compass Pro from the body of the aircraft using the extension rod.
3. Fly in open areas. Tall buildings or steel structures may block the GPS signal and affect the accuracy of the on-board compass.

Compass

1. Ensure that the compass is calibrated before your first flight.
2. DO NOT calibrate your compass where there is a chance of strong magnetic interference, such as magnetite, parking structures, and steel reinforcements underground.
3. DO NOT carry ferromagnetic materials with you during calibration such as cellular phones.
4. The DJI GO app will prompt you 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.

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. **DO NOT** use aged, chipped, or broken propellers.
2. **Always** power off the aircraft before touching the propellers.
3. **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.**
4. **Ensure that the propellers are securely mounted to prevent them from falling off the motors.**
5. **Ensure that the propellers are unfolded before each flight.**
6. **DO NOT** turn on the motors when propellers are mounted and there are other people or animals in the immediate vicinity.

Motors

1. **Ensure 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.

CAUTION

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

1. **DO NOT** block any of the ventilation holes on the motors.

NOTICE

Motors

1. Keep the motors free of dust.
2. If a motor is stuck and unable to rotate freely, execute the CSC (Combination Stick Command) to stop the motors immediately.

Electronic Speed Controllers

1. Ensure the ESCs sound a normal tune when powered on.

DJI GO App

NOTICE

1. Be sure to fully charge your tablet or mobile device before launching the DJI GO app. A tablet is recommended for a better user experience.
2. If you are using a phone as your mobile display device, be sure to continue flying safely when the phone receives an incoming call. DO NOT accept phone calls during flight.
3. 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. Read and understand the warning messages before:
 - a. Using the Auto-take off and Auto-landing features.
 - b. Re-setting your Home Point.
 - c. Setting the altitude beyond the default limit.
 - d. Switching between flight modes.
4. Land your aircraft immediately if there is an alert shown in the app.
5. Examine and check all warning messages on the checklist displayed in the app prior to each flight.
6. Use the in-app simulator to practice your flight skills if you have never operated the aircraft or if you do not have sufficient experience to be comfortable operating the aircraft.
7. Beginner Mode is enabled by default when you launch the DJI GO app for the first time. The aircraft's altitude and flight distance is restricted when flying in Beginner Mode. We recommend you fly in Beginner Mode to perfect your flight skills. Operate the actual aircraft only after you are confident that you have mastered adequate flight skills.
8. Cache the map data of the area where you intend to fly the aircraft by connecting to the Internet before each flight.

Firmware

WARNING

To avoid serious injury to children and animals, observe the following rule:

1. **Keep children and animals at a safe distance during any firmware upgrade, system calibration, and parameter setting procedures.**

NOTICE

1. For safety, always update the firmware to the latest version when an upgrade notification is shown in the DJI GO app.
2. Firmware upgrade notifications will inform about new firmware upgrades. You are required to read and understand the information shown. You further understand and agree that the data including but not limited to flight telemetry data and user selection records may be uploaded to and maintained on a DJI-designated server.
3. Only use official DJI firmware.
4. Be sure to update the remote controller's firmware to the latest version after you update the aircraft's firmware.
5. The remote controller may become unlinked from the aircraft after updating. Re-link the remote controller and aircraft.

Product Care

Storage and Transportation

WARNING

To avoid serious injury to children and animals, 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. **Remove the Intelligent Flight Batteries during transportation.**
3. **Remove the gimbal from the aircraft during transportation or when storing for an extended period.**

NOTICE

1. Store the Intelligent Flight Battery and remote controller in a cool, dry place away from direct sunlight to ensure that the built-in LiPo battery does NOT overheat. Recommended storage temperature: between 22° and 28°C (71° and 82° F) for storage periods of more than three months. Never store in environments outside the temperature range of -20° to 45° C (-4° to 113° F).

Maintenance and Upkeep

NOTICE

1. Check every part of the aircraft after any crash or violent impact. If you have any problems or questions, please contact a DJI authorized dealer.
2. Regularly check the Battery Level Indicators to see the current battery level and overall battery life. When the battery life reaches 0%, it can no longer be used.

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 and property damage, observe the following rules:

1. **DO NOT** use the aircraft in severe weather conditions. These include wind speeds exceeding 8 m/s, snow, rain, smog, heavy wind, hail, lightning, tornadoes or hurricanes.
2. **Keep the aircraft at least 10 meters (30 feet) away from obstacles, people, animals, buildings, public infrastructure, trees, and bodies of water when in flight. Stay even further away from the above objects as your altitude increases.**
3. **Be EXTRA cautious when operating the aircraft indoors.**

NOTICE

1. Aircraft and battery performance is subject to environmental factors such as air density and temperature.
 - a. Be very careful when flying 8,202 feet (2,500 meters) or more above sea level as battery and aircraft performance may be reduced.
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 or steel structures may affect the accuracy of the on-board compass and block the GPS signal.
2. Avoid interference between the remote controller and other wireless equipment. Make sure to turn off the Wi-Fi on your mobile device.
3. **DO NOT** fly 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 remote controller and video 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.

Operating the Aircraft Responsibly

WARNING

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

1. **Make sure you are NOT drunk, taking drugs, under the influence of 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. **Never stop the motors mid-flight unless in emergency situations when doing so can reduce the risk of damage or injury.**

3. **Upon landing, power off the aircraft first, 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 are fully aware of any contingency plans before accidents happen.
2. Make sure you have a flight plan and never fly the aircraft recklessly.
3. Respect the privacy of others when using the camera. Make sure you comply with local privacy laws, regulations, and moral standards.
4. DO NOT use this product for any reason other than general personal use. DO NOT use it for any illegal or inappropriate purpose (such as spying, military operations, or unauthorized investigations).
5. DO NOT use this product to defame, abuse, harass, stalk, threaten or otherwise violate the legal rights (such as the right of privacy and publicity) of others.
6. DO NOT trespass into private property of others.

Flight Modes, Functions and Warnings

Flight Modes

WARNING

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

1. **DO NOT switch from P-mode to either A-mode or F-mode unless you are sufficiently familiar with the aircraft's behavior for each flight mode, since disabling GPS may result in being unable to land the aircraft safely.**

NOTICE

P-mode is preferred for most flying scenarios. Users can switch to A-mode where and when P-mode is unavailable. Be aware that some features are NOT available for A-mode, and therefore be EXTRA cautious when flying in A-mode.

1. P-mode (Positioning): P-mode works best when the GPS signal is strong. There are different states of P-mode, which will be automatically selected by the Matrice 600 depending on GPS signal strength and Vision Positioning sensors*:
 - a. P-GPS: GPS is available, and the aircraft is using GPS for positioning.
 - b. P-OPTI: If GPS is NOT available, the aircraft will use the Vision Positioning System to hover accurately.
 - c. P-ATTI: When neither GPS nor Vision Positioning is available, the aircraft is using only its barometer for positioning, so only altitude is controlled.
2. A-mode (Attitude): The GPS is NOT used for positioning. The aircraft only uses its barometer to maintain altitude. If it is still receiving a GPS signal, the aircraft can automatically return home if the Remote Controller signal is lost and if the Home Point has been recorded successfully.
3. F-mode (Function): Intelligent Flight is activated in this mode. Ensure you are familiar with Intelligent Flight functions before use.

* P-OPTI requires a DJI Vision Positioning System (e.g. DJI Guidance™). Note that the Vision Positioning System may NOT work properly when the aircraft is flying over water, over surfaces without a clear pattern, or in a low light environment.

If you intend to switch to modes that disable GPS assistance (e.g., A-mode), you are required to accept the prompted disclaimer to enable this function. If this function is enabled, you further understand and agree that data including but not limited to flight telemetry data and function records could be uploaded to and maintained on a DJI-designated server.

Failsafe and Return-to-Home

NOTICE

1. The Return-to-Home feature will NOT work if the GPS signal is insufficient or if GPS is not active.
2. Press the RTH (Return-to-Home) button on the remote controller to bring the aircraft back to the Home Point instead of turning off the remote controller.
3. Tall buildings may adversely affect the RTH procedure. Please adjust the aircraft location, altitude and speed while returning home to avoid obstacles.
4. Make sure to always fly the aircraft within the transmission range of the remote controller.
5. When updating the Home Point, do NOT block the GPS signal of the remote controller and ensure the new Home Point is correct on the live map.

6. Only use the Return-to-Home functions in case of emergency, as they may be affected by the weather, the environment, or any nearby magnetic fields.
7. DO NOT update the Home Point near tall buildings, as the GPS may be blocked and lead to an incorrect location being stored.
8. The aircraft cannot avoid obstacles during the Failsafe RTH; therefore it is important to set an appropriate Failsafe altitude before each flight.

Low Battery

NOTICE

1. When the Critical Battery Level Warning activates and the aircraft is descending automatically, you may push the throttle up to maintain the aircraft's altitude and navigate it to a more appropriate location for landing.
2. When battery warnings are triggered, promptly bring the aircraft back to the Home Point or land to avoid losing power during flight and causing damage to the aircraft, property, animals, and people.

Compliance with Regulations & No Fly Zones

Regulations

WARNING

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

1. **DO NOT operate in the vicinity of manned aircraft, regardless of altitude. (Land immediately if necessary)**
2. **DO NOT fly the aircraft in densely populated areas, including cities, sporting events, exhibitions, performances, etc.**
3. **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.**

CAUTION

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

1. 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.
2. DO NOT fly the aircraft above the authorized altitude.
3. ALWAYS keep your aircraft within visual line of sight (VLOS), and use an observer to assist if needed.
4. NEVER use the aircraft to carry illegal or dangerous goods/payloads.

NOTICE

1. Make sure you understand the nature/type 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. For users operating their aircraft in the United States, please first visit <http://www.knowbeforeyoufly.org/> and take action appropriate to your circumstances.
2. Please 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.
3. 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.
4. 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.
5. Please be advised that in certain areas, the recording 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.

No Fly Zones

NOTICE

DJI always stresses 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:

No Fly Zones

1. No Fly Zones include but are not limited to major airports around world, borders between two sovereign countries or regions, major cities/regions, etc.
2. A detailed list of No Fly Zones is available on the official DJI website at <http://flysafe.dji.com/no-fly> and is subject to periodic updates in line with the latest regulatory requirements without prior notice.
3. Some No Fly Zones are comprised of several zones. Each zone features circles of various sizes. The aircraft will NOT be able to take off in the inner most zone of the No Fly Zone, and will descend to the specified altitude when it approaches the edge of the inner most zone. Ground station functionality is disabled when the aircraft is within a No Fly Zone.
4. Users are NOT able to set up waypoints within No Fly Zones.

Altitude Limit

1. Fly NO higher than 120 meters (400 feet) above ground level and stay away from any surrounding obstacles.
2. If you intend to fly above the default altitude limit, you are required to accept the prompted disclaimer to enable the new altitude limit. If a new altitude limit is set, you further understand and agree that data including but not limited to flight telemetry data and altitude limit changes could be uploaded to and maintained on a DJI-designated server.

DJI Support Website:
<http://www.dji.com/support>

This content is subject to change.

Download the latest version from
<http://www.dji.com/product/matrice600>

If you have any questions about this document, please contact DJI by
sending an email to **DocSupport@dji.com**.

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