

Dragonfish

Disclaimer & Safety Instructions



Product Terms of Use

Thank you for your interest in the industrial aircraft products provided by Shenzhen Autel Robotics Aviation Technology Co., Ltd. (hereinafter referred to as "Autel Robotics"). Please read the following terms carefully to confirm that you have understood and agreed to the following Terms and Conditions, and safe operation guidelines.

1. Disclaimer

To ensure safe and successful operation of your Dragonfish aircraft, please follow the operating instructions and steps in this manual.

Children are not allowed to use this aircraft. If the aircraft is not in use, it should be kept out of reach of children.

If the user chooses not to abide by the safety operation instructions, Autel Robotics will not be held responsible for any product damage or loss (whether direct or indirect, legal, special, accidental or economical (including but not limited to loss of profit)) during use, and will not provide warranty service. Do not use incompatible parts or modify the product in any way that does not comply with the official instructions of Autel Robotics.

The safety guidelines outlined here will show you the steps and methods to safely operate the aircraft. Please ensure that, when using this aircraft, you do not endanger the personal and property safety of you and others. The safety guidelines in this manual will be updated from time to time. To ensure that you get the latest version, please visit www.autelrobotics.com

2. Data storage and use

The backup service function of this product is turned off by default, and flight information will not be uploaded or disseminated via mobile devices. When the Autel Voyager App is connected to the aircraft, and after you have chosen to activate the backup service function, the flight log including flight telemetry data will be uploaded and stored in the Autel Robotics' data server located in the United States.

Photos and videos captured from the aircraft will be stored on the aircraft's internal drive. If the aircraft needs to be repaired, you can use the

flight log data on the internal storage unit to diagnose the aircraft's problem. If the aircraft is being repaired, due to the replacement or maintenance of this aircraft and its components, this flight log data may be at risk of being deleted or lost.

Autel Robotics and its Customer Service Team has no right to access the user's flight log data. Only when the legal authorities make an official request to Autel Robotics as required by law, we will cooperate with the legal authorities to get in touch with you.

For more information about our privacy policy, please visit <https://autelrobots.com/pages/privacy-policy>

3. Preparation before flight

3.1 Getting started

The following documents provide a guide to help you use the Dragonfish aircraft for the first time:

1. Product list: A list of all items that should be included in the box. If anything is missing, please contact Autel Robotics Customer Support or your local dealer.
2. Disclaimer and safe operation guidelines: includes instructions on how to operate the Dragonfish aircraft safely.
3. Dragonfish Quick Start Guide: Includes basic information on how to use the Dragonfish.
4. Dragonfish battery safety operation guidelines: Provides basic information of how to use the smart batteries.
5. User manual: Offers a complete guide to help you operate the Dragonfish.

Warning

Please make sure to check the aircraft and other parts articulated in the product list (items in the box). Do not use incompatible parts or attempt to modify the aircraft in any way that does not comply with official instructions.

4. Safe Operation Guidelines

4.1 Battery safety

The Dragonfish aircraft is powered by lithium-ion polymer batteries. Improper use of these batteries can be dangerous. Please ensure that the battery usage, charging, and storage guidelines are strictly followed.

Warning

- Only use the battery and charger provided by Autel Robotics. It is prohibited to modify the battery pack and its charger, or use third-party equipment to replace it.
- The electrolyte in the battery is extremely corrosive. If electrolyte splashes into your eyes or skin accidentally, immediately rinse the affected area with clean water and seek medical attention.

4.1.1 Battery usage

When installing or removing the aircraft battery, make sure that the aircraft is powered off. Also, pay attention to the following:

- When using the Dragonfish, only use the batteries and charging devices sold or authorized by Autel Robotics. Using unapproved batteries or charging devices may cause fire, explosion, leakage or other hazards. Autel Robotic will not be held responsible for any consequences caused by the use of third-party batteries or charging devices.
- Before each flight, make sure the battery is fully charged.
- If the aircraft enters the low battery warning mode, you should land as soon as possible and stop flying, replace the battery with a new one or charge the battery.
- Do not disassemble, scratch, crush, bend, puncture, cut, twist, or intentionally damage the battery. Otherwise, this may cause fire, explosion, leakage or other hazards.
- If the battery shows signs of bulging, leakage, smoke or any other signs of damage, stop charging or using it with immediate effect, and immerse it in a container filled with salt water.
- Please use the battery within suitable temperature (-20°C~40°C). Using the battery at excessively high or low temperature will affect the battery life. If the temperature

is too high, this may result in fire or combustion. If the battery is used in excessively low temperatures, this may cause permanent damage to the battery.

- If the battery is in a low temperature range (below 10°C), the battery needs to be preheated before taking off.
- Do not use the battery in a strong static or electromagnetic environment.
- Do not expose the battery near an open flame, explosion, or other hazards.
- Do not place the battery in a microwave oven or pressure cooker.
- If the aircraft falls into the water, remove the battery immediately after recovering it. Put it in an open place and keep a safe distance from it until the battery is completely dry. After that, stop using the battery, and contact the customer service center for a replacement.

4.1.2 Battery charging

The Dragonfish battery takes up to 120 minutes to fully charge. This may vary depending on the remaining battery power.

Also, please pay attention to the following:

- Do not use damaged battery chargers.
- When the charger is not in use, disconnect it from the aircraft battery and power supply.
- Wait for the battery to cool off at room temperature before charging. If you connect the battery to the charger immediately after flight, the temperature protection function may be automatically activated, preventing the battery from charging until the battery is completely cooled.

4.1.3 Battery storage and transportation

Avoid close contact with water or heat sources when storing the battery. The battery should be stored at room temperature (ideally 22°C to 28°C (72°F to 82°F)) in a dry, well-ventilated area.

Also, pay attention to the following:

- The battery should be stored out of reach of children and pets.
- Do not store the battery in direct sunlight or near sharp objects, water, metals or reactive chemicals.
- Storing the battery in extreme temperatures will shorten its life. If the battery is not

used for more than 1 day, it should be stored at a temperature of -10°C (14°F) to 30°C (86°F). Otherwise, this may result in damage or battery failure. If left unused for a long time, the battery life will be shortened.

- Do not transport damaged batteries. If the battery needs to be transported, be sure to discharge the battery to about 20%-30%.

4.1.4 Battery disposal

Before disposing of the battery, be sure to fully discharge it before placing it in the designated battery recycling bin.

- Batteries are hazardous chemicals and are strictly prohibited to be placed in ordinary trash bins.
- For details, please follow local laws and regulations on battery recycling and disposal.

4.2 Flight Safety

4.2.1 Flight Environment

Please abide by all local regulations regarding UAV flight. You are only allowed to fly in the designated UAV flight area and use the Autel Voyager app to set the distance and altitude restrictions that meet the regulations.

- Do not fly under dangerous conditions or severe weather conditions such as severe winds, rain, hail, and/or snow.
- Fly in an open and safe area. Stay away from obstacles that may interfere with GPS signals, such as building and trees.
- Be extremely cautious when flying in environments above 6000 meters MSL (18,000 feet), since the performance of the aircraft's battery and power system may be negatively affected.

4.2.2 Before takeoff

Before flying this aircraft, please pay attention to the following:

- Always make sure you are equipped with Autel Voyager's remote control and batteries.
- The propeller is installed correctly and is not damaged.
- All parts of the aircraft should be fully installed.
- After the aircraft is powered on, its motors, gimbal and camera can work normally.
- All warnings and errors displayed on Autel Voyager have been processed.
- Only use the accessories provided with this

aircraft or sold or authorized by Autel Robotics. The use of unapproved accessories may result in serious safety risks and will void the product warranty.

4.2.3 In-flight precautions

- When taking off and landing the aircraft, stay away from people, vehicles and other moving objects.
- When the low battery alarm warning occurs, the automatic return process should not be cancelled. Otherwise, the aircraft may return to the home point due to insufficient power.
- If the Autel Voyager displays a warning or alarm, you should immediately follow the corresponding instructions.
- Make sure that you are not intoxicated, have high blood pressure, or are experiencing dizziness, fatigue, or any other medical conditions that may affect your ability to operate the aircraft safely.

4.2.4 Storage and maintenance

- Check every part of the aircraft carefully after any collision or crash. Store the aircraft and its accessories out of reach of children and pets.
- Store the aircraft and its accessories in a cool, dry place.
- Keep the aircraft away from water and heat sources.

The recommended storage temperature for the aircraft is 22°C to 28°C (72°F - 82°F).

The Autel Robotics Customer Service Team is always ready to provide help.

Email: support@autelrobotics.com

NOTE:

This content is subject to change without prior notice. For the latest version, please visit

<https://auteldrones.com/pages/dragonfish-downloads>.

Warning

If any part of the aircraft or the remote controller fails to work normally or is damaged, please do not fly. You can contact the Autel Robotics Customer Service Team for assistance at <https://auteldrones.com/pages/technical-support-index>