



Age 8 +

GRAVITY SKY HAWK



3.5 CHANNEL REMOTE CONTROL HELICOPTER WITH VIDEO CAMERA

Thank you for purchasing our product. In order to safely enjoy this helicopter, please read this manual carefully before using. Please keep it for future reference.

TRIM ADJUSTMENT:

If the helicopter is rotating in the air uncontrollably, adjust the rudder trimmer until the helicopter is stable.

LEFT / RIGHT TURN ADJUSTMENT

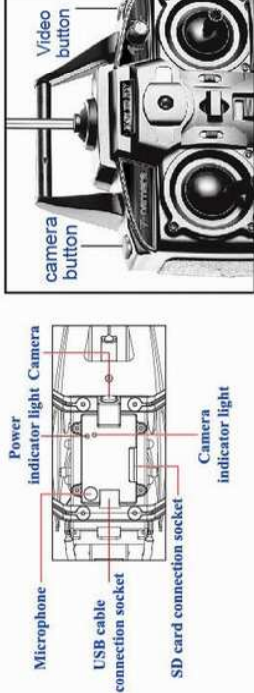


If the helicopter is spinning clockwise, push the left trim button until the helicopter stops spinning.



If the helicopter is spinning counter clockwise, push the right trim button until the helicopter stops spinning.

CAMERA VIDEO RECORDING INSTRUCTION:



(1) Installation of SD card:

Insert the SD card into the slot, press slightly to insert. To remove press it again and it will pop up automatically. When the SD card is not inserted into the slot, the "Camera button light" will blink red and green.

PRECAUTIONS:

- This helicopter is only recommended for use by experienced RC helicopter users. This helicopter is not a toy and requires skill to operate.
- This helicopter will become damaged and possibly become inoperable if not properly and skillfully used.
- It is recommended that you start out by flying the helicopter at slow speed and at a low height until you become skilled at flying this helicopter.
- It is the sole responsibility of the operator of this helicopter to fly it in a safe and controllable manner.
- This helicopter is warranted against defects in workmanship and materials, but is not warranted against damage caused by crashing the helicopter.
- Do not touch the motor as it can become very hot during operation.
- After each use, inspect the helicopter to make sure there is no damage. Do not attempt to fly a damaged helicopter as it will not operate properly and may cause injuries.
- Do not fly near or around water. If the helicopter lands or crashes in water, it can damage the circuit boards and make the helicopter unoperable.

YOU MUST READ THIS MANUAL THOROUGHLY AND FULLY UNDERSTAND HOW TO OPERATE THIS HELICOPTER BEFORE ATTEMPTING TO FLY THIS HELICOPTER.

SAFETY:

- Insufficient battery power will shorten the control distance.
- Insufficient battery power will lead to difficulties in controlling the helicopter.
- Avoid dropping and crashing the helicopter for it will lead to damages and shorten the product life.
- Before flying, always turn on the helicopter switch first and then the transmitter switch.
- After flying, always turn off the transmitter switch first and then the helicopter switch.

(2) Camera light indicator status:

Green: standby mode.
The red light flashes 3 times: start to take a picture.
The red light flashes continuously: start to record.
The red light stops flashing: exit from recording state.

(3) Dynamic/static state camera functions:

Launch the helicopter and press the "camera button", the camera indicator light will turn to red. When the red light flashes 3 times, it will take a static state photo automatically and store on the SD card. Press the "record button", it will flash continuously and start to record. When you press the "record button" again it will stop recording and exit.

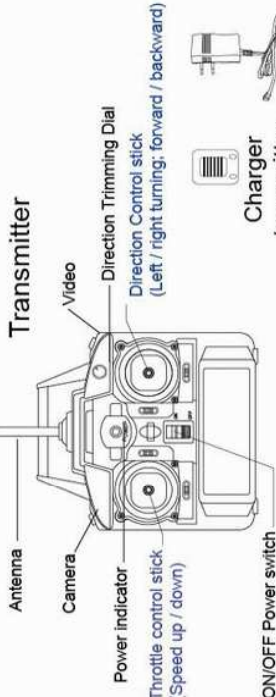
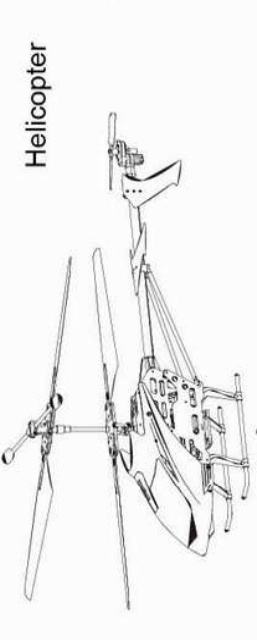
(4) To play videos/ pictures:

Switch off the helicopter, take out the SD card and connect the SD card to your computer. You can view your videos and images by media player.

PROBLEMS AND SOLUTIONS:

PROBLEMS	CAUSES	SOLUTIONS
Transmitter not working	1. The transmitter switch is on "OFF".	1. Turn the transmitter switch to "ON".
	2. Batteries are installed improperly.	2. Remove the batteries and re-install with the correct polarity.
	3. Batteries are completely consumed.	3. Replace with new batteries.
Control failure	1. The helicopter switch is on "OFF".	1. Turn the helicopter switch to "ON".
	2. The antenna is not installed properly or is not fully extended.	2. Re-install the antenna and pull it out completely.
	3. Windy conditions.	3. Do not fly the helicopter in windy conditions.
	4. The transmitter indicator is flashing.	4. Push the throttle lever to the top and then to the lowest, or replace the batteries.
Ascending failure	1. The rotation of main blades is too slow.	1. Push up on the throttle stick.
	2. The helicopter battery is not fully charged.	2. Recharge the helicopter battery.

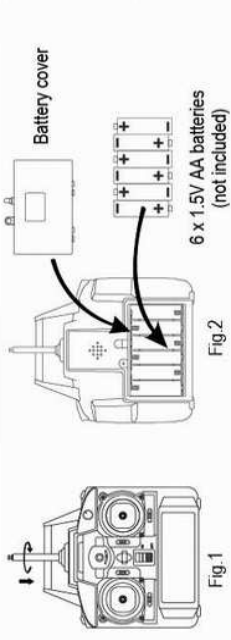
Helicopter



PREPARING THE TRANSMITTER FOR USE:

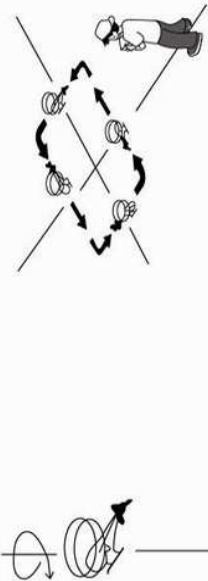
- Insert the antenna into the hole at the top of the transmitter. Screw the antenna clockwise until it is tight (Fig. 1).
- Remove the battery cover from the back of the transmitter. Install 6 AA batteries as shown. Replace the battery cover. (Fig. 2)

CAUTION: 1. Make sure that you have installed the batteries with the correct polarity.
2. Do not mix old and new batteries.
3. Do not use damaged or leaking batteries.
4. Please discard old batteries properly.
5. When not in use for an extended period of time, please remove the batteries from the transmitter.



FLYING PRACTICE:

To master the helicopter, please attempt the following flying practices.



Fixed-point revolving

Keep flying forward—turn left—forward—turn left—forward—turn left. Practice flying into a square pattern. Keep practicing to gradually fly into a circle.

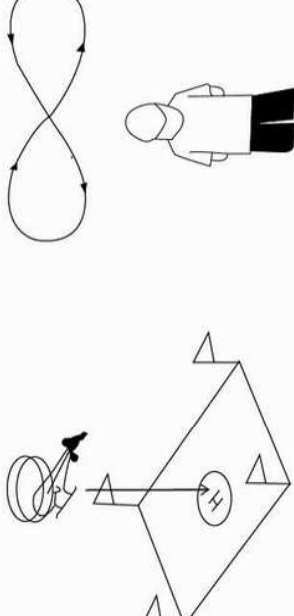


Figure eight flying

Fixed-point landing

CHARGING THE HELICOPTER:

To charge the Lithium-Ion Battery:

- Connect the transmitter to the lithium-ion battery's three-pin plug and then plug the AC charger into the transmitter. Plug the charger into a power socket.
- When the helicopter is charging, the RED light and the GREEN light on the transmitter will be ON. Once the charging is complete, the GREEN light on the transmitter will be OFF.
- Disconnect the charger from the power socket and then carefully disconnect the battery plug from the transmitter.

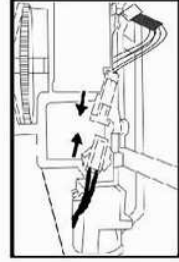


Attention:

- Charging the battery will take up to 90-120 minutes.
- Once the GREEN light on the transmitter turns on, promptly unplug the charger from the power socket.
- Do not attempt to further charge a fully charged battery as this could cause damage to the helicopter.
- After the helicopter is fully charged, wait 20-30 minutes before re-charging the battery so that the battery may cool down prior to re-charging. Failure to do this can result in damage to the battery.
- Do not use any other charger than the charger that has been supplied with this helicopter.
- Do not use a circuit the battery. Do not leave the battery together with tiny metal parts in consideration of safety.

CONNECTING THE HELICOPTER BATTERY:

Connect the battery wire with the circuit board socket carefully.



WARNING
1. Carefully connect the black card of the battery to the black catch of the circuit.
2. When not using the helicopter for a long period of time, please disconnect the battery wire from the circuit board socket.

WARNING:

WARNING:

- Not for children under 3 years of age due to small parts.
- Do not fly to stop fly while it is in motion.
- Keep hands, face and hair away from all moving parts.
- Exercise caution during use at all times.
- Do not allow children to disassemble the transmitter or controller by themselves.
- Do not use the transmitter or controller in rain or other wet conditions.
- If toy is broken during use, it should be checked or repaired by an adult.
- Remove the batteries from the transmitter and controller when not in use for a longer battery life.
- All battery types must be recycled or disposed of properly.
- Please always read the instruction manual carefully before operating toy.
- Specifications and colors of content may vary from illustrations.

BATTERY CAUTIONS:

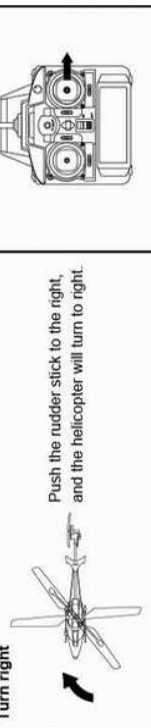
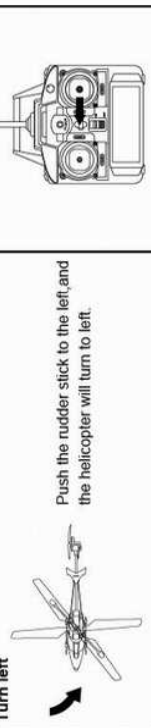
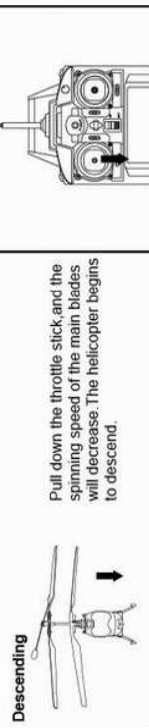
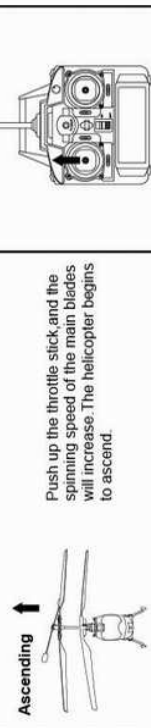
- Non-rechargeable batteries are not to be recharged.
- Rechargeable batteries are only to be charged by an adult.
- Do not use damaged or leaking batteries and used batteries are not to be used.
- Batteries to be installed with correct polarity.
- The supply terminals are not to be short-circuited.
- Exhausted batteries are to be removed and properly discarded as they will hinder performance.
- Always use fresh and/or fully charged batteries.
- Please check the wire, plug, shell and other parts of charger periodically and if any damage, stop using until fully repaired.

Helicopter is equipped with a lithium-ion rechargeable battery, please also pay attention to the following cautions for safety use:

- The lithium polymer battery in the toy is not replaceable.
- Do not use or leave the battery near a heat source.
- Do not dispose of the battery in fire or heat.
- Do not strike or throw the battery against hard surfaces.
- Do not immerse the battery in water, and do not use in a cool, dry environment.
- Do not use the battery in a high-temperature environment.
- When recharging, only use the battery charger specifically for that purpose.
- Do not short circuit the Li-Po battery.
- Do not leave the Li-Po battery unattended during the charging process.
- Do not disassemble or alter the battery. The outer casing is soft and can be damaged.
- Always let the battery cool between uses and charging.
- Inspect the battery before each use for swelling or malfunction. If damaged, discontinue use and discard properly.
- Please recycle after covering the Li-Po battery terminals with insulated tape or insert into an individual polybag.

HOW TO CONTROL:

- Set your helicopter on the ground. Turn on the power switch on the helicopter, and wait for the lights to turn on. Leave the helicopter at least two meters away with the tail aimed at you, then turn on the transmitter.
- After turning on the transmitter, you must wait for the lights on the tail unit to start blinking before being able to fly the helicopter. This will take up to 20 seconds. Move the throttle stick forward and then backward to initiate communication with the helicopter. You are now ready to begin flying.



FCC Label Compliance Statement:

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

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.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the User's authority to operate the equipment.

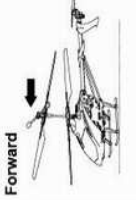
Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with RSS-310 of Industry Canada. Operation is subject to the following conditions: (1) this device must not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This radio transmitter 482015005-Gravity Sky Hawk has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Detachable antenna: telescopic antenna 7138, the maximum permissible antenna gain is 2.15 dBi and the impedance is 50 Ohm.
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.

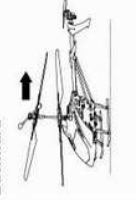
Frequency: 27.145 MHz, Field strength: 78dBuV/m at 3 m
Control distance: about 300 meters
Maximum take-off weight: 150g
Peak Value: 100dBuV/m @3m

Forward



Push the rudder stick upward, and the helicopter will move forward.

Backward



Push the rudder stick downward, and the helicopter will move backward.

This helicopter comes with a replacement undercarriage to be used in case you break the unit installed on the helicopter. Prior to removing the damaged undercarriage, you will need to remove the tail boom and the main blades. After removing the damaged undercarriage, the new undercarriage, make sure to rewind and attach the antenna wire in the same manner as before.

ENVIRONMENT FOR FLYING:

- Fly on a sunny day, without wind.
- Do not fly in extreme temperatures, do not fly in temperatures above 113 degrees Fahrenheit/ 45 degrees Centigrade, or below 50 degrees Fahrenheit/ 10 degrees Centigrade. Flying in extreme and/or cold will affect performance and may damage model.
- Do not fly in adverse flying winds: windy conditions can affect the setup flying control. In very windy conditions your helicopter may become lost and/or damaged.
- Select a large, wide open area for flying. Make sure there are no obstructions, water, animals or people nearby.
- Do not fly while it is raining.



INA INTERNATIONAL LTD.
MODEL/NO:LE-480215005
INA AAX6 310
CANADA-IMPORT 5m

UNITED STATES
IMPORTED BY:
GOLDEN WINING SPORTS
21929 - 67th AVENUE SOUTH
KENT, WA, USA 98032

MADE IN CHINA



CANADA
IMPORTED BY/IMPORTÉ PAR:
INA INTERNATIONAL LTD.
21929 - 67th AVENUE SOUTH
CALGARY, AB, CANADA T2E 3R3

CONFORMS TO THE SAFETY
REQUIREMENTS OF CPSIA,
ASTM F983 AND CPSCA TOY
REGULATIONS.

NOT INCLUDED
AAX6

