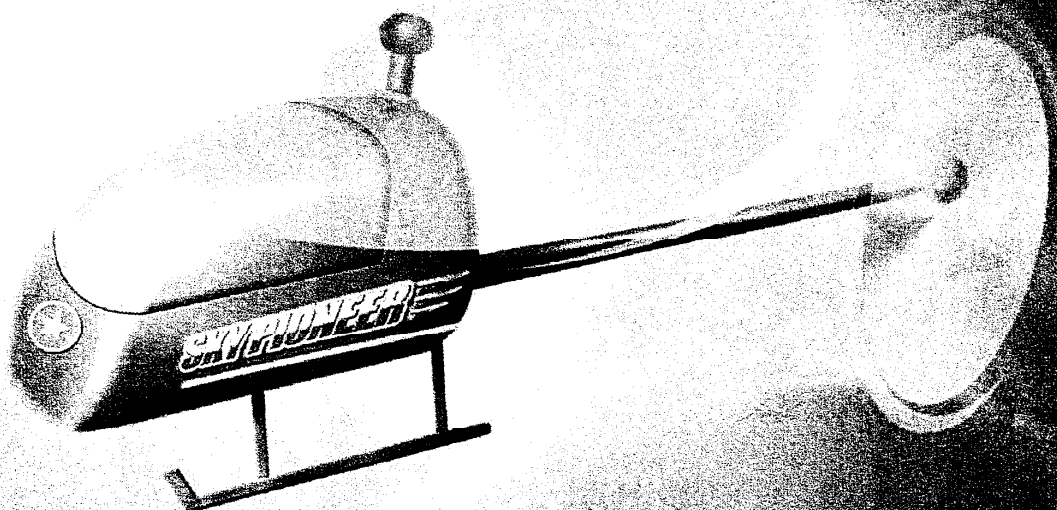


SKY PIONEER

R/C PATROL HELICOPTER



Instruction manual

for age 8 and up

Important safety notes and warnings

Page-1

1. Do not repair or change any part of the helicopter at all the time, otherwise you should answer for the result yourself.
2. You should use only the batteries provided by the device, do not use any other source batteries.
3. This device can not cause disturbance, but it may receive the undesired disturbance or unexpected operation.
4. Before launch please select a wide-open square or grassy ground; ensure the people around you know that you are playing with SKY PIONEER; keep the helicopter far away the face, eyes or hair; do not launch the helicopter by hand; you should especially to notice the safety in the flight area, such as the overhead wires, buildings, animals or other obstructions. And you should fly it in a good weather condition, if windy or other adverse weather, be sure to stop flying to prevent running away with the helicopter or damaging it. If the rotors damaged, please stop flying immediately.

Let the helicopter cool down for about 10 - 15 minutes after every 4 or 5 times of flights. The helicopter contains rechargeable batteries. If the liquid of battery leaks out, please clear it right now and be sure to prevent it from contacting the eyes.

When installing the remote controller, rechargeable batteries (launch pad) or using the fire - bull charger (all these devices should be connected an output of 12V or 1000mA, DC), it should be under the supervision of adult. Do not mix the new and old battery and install the battery with the correct polarity.

Notice: Please read this manual carefully before run the helicopter in order to ensure the flight successful.

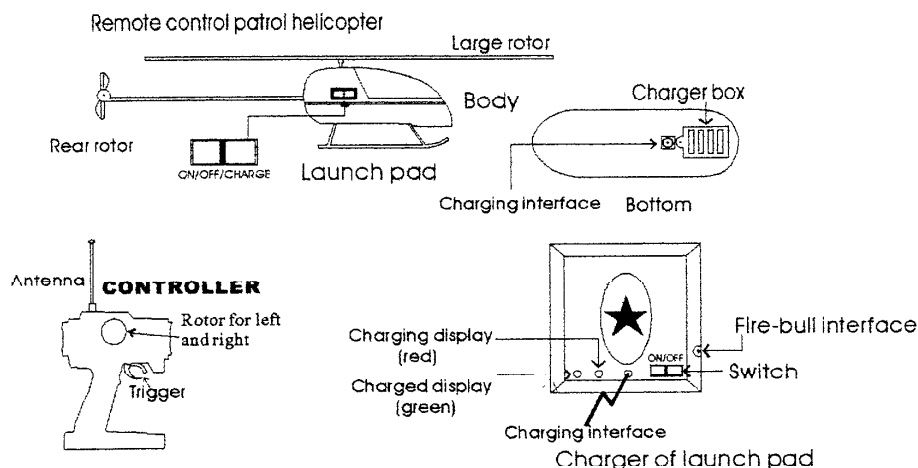
Sky Pioneer--Remote control sky patrol helicopter User's guide

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Sky Pioneer can fly altitude 20 meters above, has easy-use controller, can make your flying very easily. When press the trigger in the controller, the helicopter can fly from the launch pad and it will land if undo it. The helicopter can turn left or right if you turn the rotor in the controller left or right during the flying. This product make the complex and difficult flight technique as an easy pleasure enjoyment and it can help you become an excellent pilot soon. So please run your Sky Pioneer right now!

Notice: Please read this manual carefully and learn to how to control your Sky Pioneer-- Remote control sky patrol helicopter in a right way.

Firstly please check the items within this package:



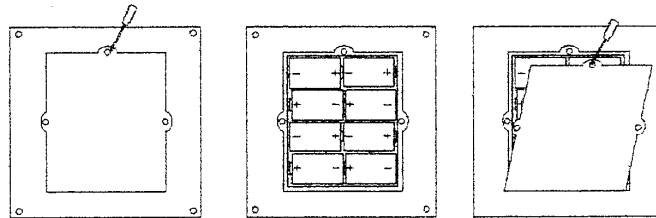
Notice: Reverse the pulp box and the inner box, please repack the helicopter in correct way after every flight to protect the helicopter and the rotor.

Warning: The error storage method may cause the rotor distortion and this may affect the flight performance.

Preparative for operation: Install the battery Page-3

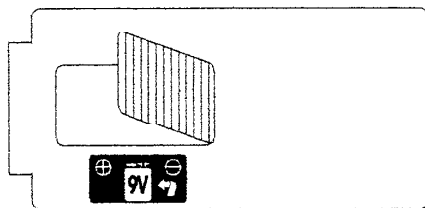
A Installing the batteries of launch pad (use requirement: 8 large size alkaline batteries)

1. Use a special screwdriver to unscrew the battery door.
2. Uncover the battery door.
3. Install 8 large size batteries into the battery box with the correct polarity as indicated.
4. Return the battery door and tighten the screw.



B Installing the controller's batteries (use requirement: one 6 F22,9V battery)

1. Uncover the battery door.
2. Install one 6 F22,9V battery into the battery box with the correct polarity as indicated.
3. Cover the battery door.



Warning: Please replace the 8 large size alkaline batteries of the launch pad after about 25 flights in order to ensure the best performance.

Preparative for operation: Charging

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Charging the battery box(launch pad)

1. Place the helicopter on the battery box(launch pad).
2. Turn the switch of helicopter to the 'Charge' . If the switch in 'ON' or 'OFF' it will not be able to charge.
3. Plunge the faucet of the charger into the interface at the bottom of helicopter.
4. Turn the switch of battery box(launch pad) to 'ON' and this means being charging while the red display glittering.
5. When charging ended the red display will die and the green display begin to glitter and it means charged successfully.

Notice: If the red display don't glitter please check whether the faucet plunge into the charger completely.



Warning: The helicopter can flying for a bout 30 second or 2 minutes if no wind or in a gentle wind. If the flight time blew this standard, please replace the 8 alkaline batteries in time or check whether the faucet of the fire-bull plunges correctly.

Notice for operation: Flying

A Before launch

1. Pull out the antenna in the controller completely.
2. Turn on the switch at the bottom of controller as the red display will glitter.
3. Turn the switch in the helicopter body to 'ON' and place the helicopter on the launch pad.
4. Drop back at least 5 meters away the helicopter then face it.
5. Obverse around and ensure that there are no person, trees, buildings, animals or overhead wires nearby. Only in the safety station can fly the helicopter.

B Operation process

1. Left hand hold the controller and put the forefinger on the trigger then put the right hand on the left and right rotor.
2. Press the trigger and let the large and small rotors run. (Notice: the helicopter will delay 1.2 or 2.0 seconds to fly.)
3. Please softly loosen the trigger when needs to turn left or right after launch. (Notice: do not loosen too much it may make the helicopter fall very rapid to the floor and damage it.) Then decelerate the helicopter and turn the rotor in controller left or right to control it. (Notice: ensure to keep the helicopter horizontally, otherwise it will not take this function.)
4. If the batteries exhausted (about 30 seconds or 2 minutes later after launch) or want to take back the helicopter, please loosen the trigger in the controller slowly. So make the helicopter decelerate and come down then take back it successfully.
5. Please charge the batteries twice continuously before the first flight and 3 minutes per time. And only needs one time when flying two times a day.
6. Please keep cooling the helicopter for about 10-15 minutes after 4-5 flights in order to enlarge the use age of the helicopter.
7. Please turn down the batteries of the helicopter, the controller and the charger when you don't want to fly it again in order enlarge the use age of the rechargeable batteries.



Notice: Please select proper place and good weather to fly.

1. Do not fly in the situation such as windy, rainy, snowy or other adverse weather. Because it's difficult to control you helicopter and it may lose or damage.
2. Do not fly in a very hot or cold situation because it may affect or damage your helicopter.
3. Please select a wide-open place to fly and observe around to ensure that there are no person, trees, buildings, animals or overhead wires nearby. Only in the safety station can fly the helicopter.

Troubles	Cause	Solutions
The controller or the charger has no power	The switch of power don' t turn to 'ON'	Turn the switch to 'ON'
	Install the batteries with wrong polarity	Install the batteries with correct polarity
	Batteries exhausted	Replace the batteries
The red display of charger dose not glitter	Don't plunge the faucet in the fire-bull completely	Plunge the faucet tightly and check whether the switch is open
	Turn the switch of launch pad to 'OFF'	Turn the switch of launch pad to 'ON'
Couldn't control the helicopter	Don't turn on the controller; do not pull out the antenna completely	Turn on the controller and pull out the antenna completely
	Windy or other adverse weather	Stop flying immediately and wait till the weather become fine
The helicopter can't reach the normal altitude	Batteries exhausted	Replace the batteries
	Don't fully charging	Charge again
The helicopter can't turn left or right	Don't turn the rotor in the controller or the helicopter is not horizontal when flying	Carefully read the chapter of "operation process" in the manual
The helicopter falls too rapid to the floor	Loosen the trigger in the controller too fast	Loosen the trigger slowly so let it come down slowly

FCC REQUIREMENT

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1. Operation is subject to following two conditions:
 - This device may not cause harmful interference.
 - This device must accept any interference received, include interference that may cause undesired operation.
2. Do not attempt to repair or modify this equipment.

**“Modifications not authorized by the manufacturer may
Void users authority to operate this device.”**

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.

Important battery information

Battery installation should be performed by an adult. Use only batteries recommended on this package and in the instruction sheet. Be sure to install the batteries with the correct polarity, as indicated.

Do not mix the old and new batteries.

Do not mix alkaline, standard(carbin-zinc), or rechargeable batteries.

Do not attempt to charge non-rechargeable batteries.

Do not short circuit the supply terminals. Exhausted batteries are to be removed, as they will adversely affect the performance.

Only batteries of the same or equivalent type as recommended are to be used.

Rechargeable batteries are to be charged under supervision(if removable).

Keep helicopter clear from face, eyes, and hair all the times. Keep fingers away from the moving rotor(s). Do not launch helicopter near other people or animals. Use caution; make sure people around you know that you are playing with SKY PIONEER. Recommended for use in large, wide-open, grassy areas. Do not fly near overhead wires, buildings, tress, or other obstructions. Be sure to fly on a clear and sunny day. Do not fly in WIND. Flying in wind will severely diminish your ability to control the helicopter. In some situations, where the wind is very strong, the wind may overpower the helicopter and you will not be able to control it. Do not fly in adverse weather conditions such as electrical storms, rains, sleet or snow. Do not fly in temperature below 50°F/10°C. Do not fly in temperature above 113°F/45°C. For charging, use ONLY the charger included in this package. Do not use any other source to charge SKY PIONEER. Do not overcharge your helicopter. Following the charging instructions provided in the instruction manual contained within this package. Always launch helicopter from the launch pad. Do not hand launch the helicopter. Stand at least 15 feet away from the helicopter when launching. Always turn the helicopter power to ON before turning the controller power ON. Do not press the controller's trigger while the helicopter power is being switched from OFF to ON. Once the controller's trigger is pressed, the helicopter's rotor(s) will immediately begin to spin. Always ensure that the launch area is clear of people and animals before pressing the controller's trigger. Do not push the BRAKE on the controller all the way forward unless you wish to stop the helicopter's rotor(s) from spinning completely. If you push the brake all the way forward during flight, the rotor(s) will stop spinning. This will cause the helicopter to fall from the sky and likely become damaged. Only apply the brake fully after landing, or in case of emergency, to stop the rotor(s) from spinning.

Warning: If rotor(s) become damaged or broken, do not fly. Fling with broken rotor(s) may cause damage or lead to injury.

SKY
PIONEER

R/C PATROL HELICOPTER