

AGE 14+

NO.S022



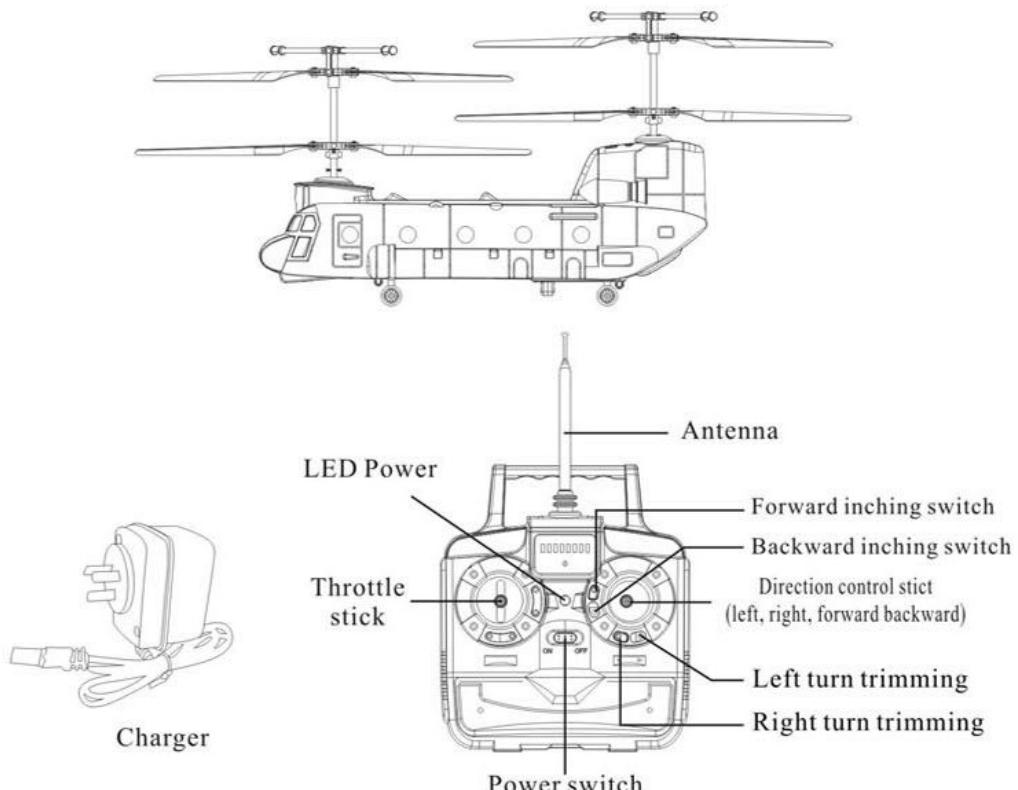
S022

R/C HELICOPTER USING INSTRUCTION

1. Intelligentized R/C system.
2. Full scale remote control.
3. 360° exact directional.
4. Smooth hang performance.
5. Newly designed electricity saving function.
6. Safeguard battery model to prolong the uses life.

Please read the instructions carefully before use. (Please read the notice in details.) Please retain the instructions for future reference.

INCLUDED PARTS NAME



ASSEMBLY TRANSMITTER

1. Install antenna: Remove antenna into controller clockwise. See Fig. 1
2. Install batteries: Open the cover of battery case, insert 4 batteries (size 1.5V AA) properly followed by polar indicator. (batteries to be purchased).

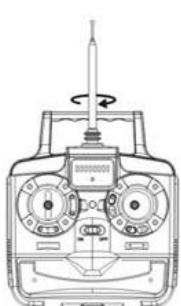


Fig.1

NOTICE:

- 1. Install the battery must recognize the battery and battery box is precise.
- 2. Do not mix new and old batteries together when in use.
- 3. Please don't mix different types of batteries when in use.

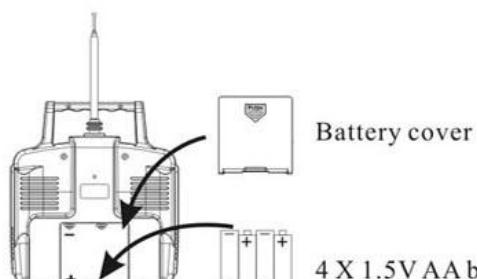


Fig.2

POWER BATTERIES CHARGING INSTRUCTION

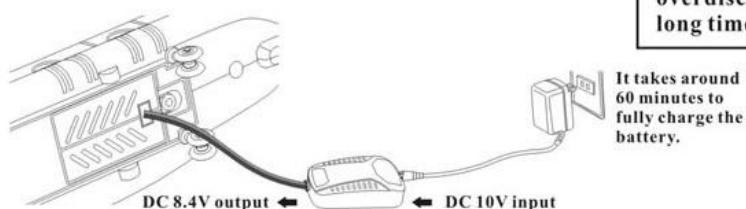
Charge for the power battery:

1. Plug the DC 10V output jack of adapter to the input jack of charge box, the red indicator will light up at the time.
2. Insert the three feet plug of battery to output port of charge box(As follows diagram), and the green indicator soon shining, when the green indicator put out, the battery capacity will achieves 100% it shows that the recharging finishes.(Note:when install the batteries to the charge box and the green indicator does not change, kit means that the batteries are fully recharged.)

Attention:

1. Make sure the voltage and connector plug of adapter tally with the local charging standard.
2. The battery pack will become warm when charging excessively. It is harmful for the battery pack and would even make the battery pack damaged, please stop charging under this situation.
3. Player should stand aside as the plane in the process of charging.
4. This adapter adopted the advanced balance charging model for safety, please do not user other type of adapter un order to avoid explode.
5. The battery pack would become very hot when the plane finish flying, please wait at least 30 minutes for continue charging in order to protect the battery pack.
6. Do not throw the battery pack into fire for avoid explode.

WARNING 
When you are tired of playing, please pull out the connecting plug to avoid the battery overdischarge. If the linker keeping to connected, it may cause the overdischarge as the battery long time power wasting.



ENVIRONMENT FOR FLIGHT

1. Fly on windless asunny day.

① Do not fly in extreme temperature.

Do not fly in temperature above 113 degrees fahrenheit/45 degrees centigrade, or below 50 degrees fahrenheit/10 degrees centi grade.

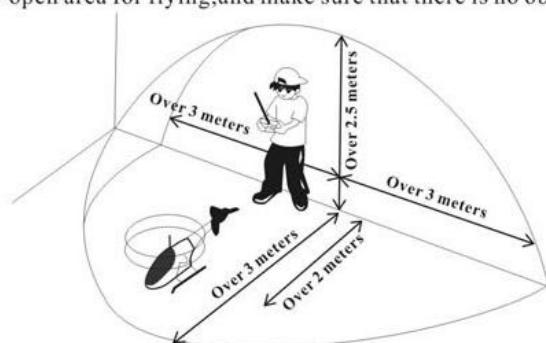
Flying in extreme heat and/or cold will affect performance and may damage the model.

② Do not fly in strong wind.

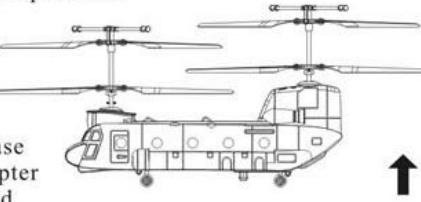
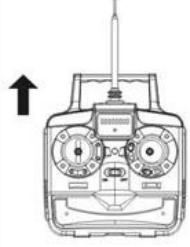
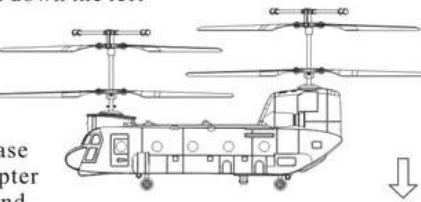
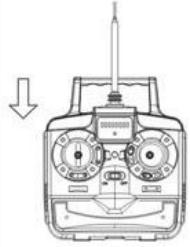
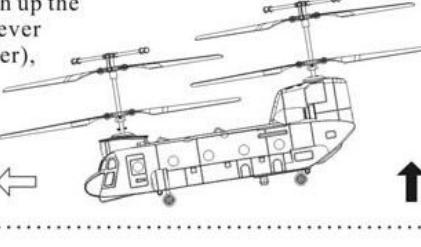
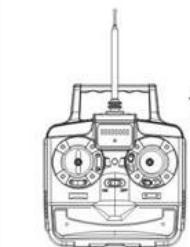
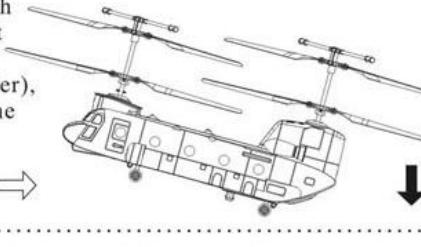
Windy conditions will limit, or disturb the flying control.

In very windy conditions, your helicopter may become lost and/or damaged.

2. Select a large, wide-open area for flying, and make sure that there is no obstructions, animals or people nearby.



CONTROL METHOD

Ascend	<p>When you push up the left stick (throttle stick), the spinning speed of the main rotor blade is increase and the helicopter begin to ascend.</p> 	
Descend	<p>When you pull down the left stick (throttle stick), the spinning speed of the main rotor blade is decrease and the helicopter begin to descend.</p> 	
Steering	<p>1. When the right stick (rudder stick) is moving to left, the head of the helicopter turns to left. 2. When the right stick (rudder stick) is moving to right, the head of the helicopter turns to right.</p> 	
Forward	<p>When you push up the right control lever (steering rudder), the nose incline to down, the helicopter is moving to forward.</p> 	
Backward	<p>When you push down the right control lever (steering rudder), the nose incline to up, the helicopter is moving to backward.</p> 	

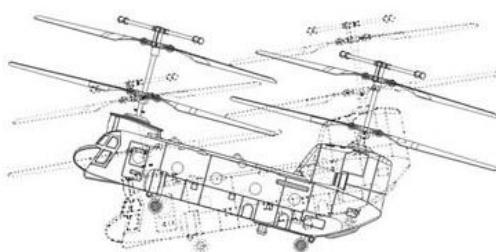
SPECIAL TIPS

In preparation for take-off, the aircraft must be a smooth adjustment:

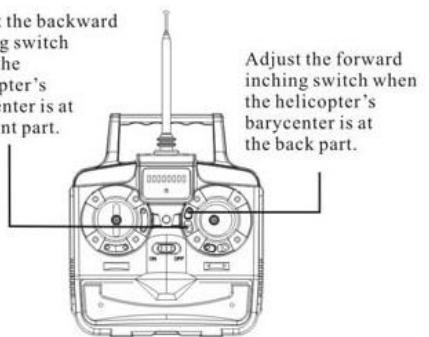
1. You can use the forward/backward inching switch to balance, you can be observed that the focus of the direction of the aircraft, during the swing back and forth is the bigger (Fig. 1), you can use the forward/backward coarse to balance.

NOTICE:

When the airplane away from the ground in 30cm position, the helicopter will suffer by itself blade vortex to became unstable, we call it "effect response", when the helicopter weight lower, and the "effect response" affect will be bigger.

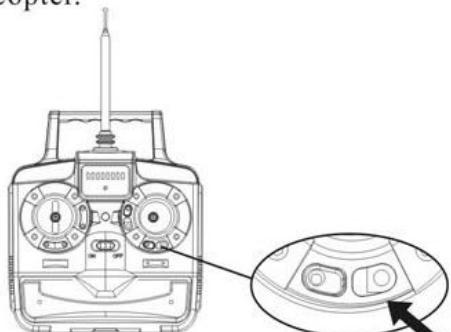
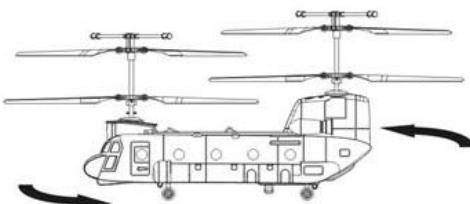


Adjust the backward inching switch when the helicopter's barycenter is at the front part.



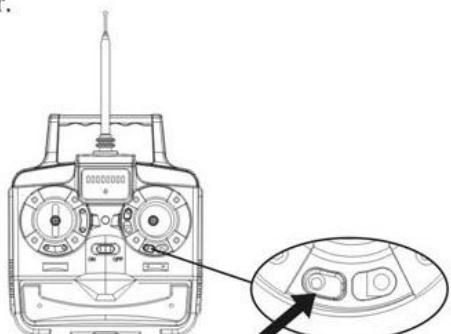
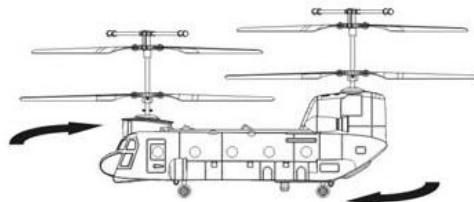
Adjust the forward inching switch when the helicopter's barycenter is at the back part.

1. If head of helicopter rotates anticlockwise, continuous slowly touch the right fine-turn button to control the helicopter.



Right button

2. If head of helicopter rotates clockwise, continuous slowly touch the left fine-turn button to control the helicopter.



Left button

TROUBLE SHOOT AND DEALING WITH

PROBLEM	CAUSE	CHECK THIS
Controller doesn't work	1.Controller's power switch is off.	1.Turn power switch on.
	2.Insert batteries into controller improperly.	2.Confirm batteries be inserted according to their pole.
	3.Batteries lack of power.	3.Change new batteries instead.
Can not control the helicopter	1.You haven't turn on the controller power.	1.Turn controller power switch on.
	2.Doesn't turn on helicopter's power switch.	2.Turn helicopter's power switch on.
	3.Doesn't wrest antenna into controller completely,or antenna isn't fully pulled out.	3.Wrest antenna completely and pull it out.
	4.You play the helicopter in strong winds weather.	4.Do not play the chopper in winds, which can confuse your control.
	5.The indicator light of controller is twinkle.	5.Pulling the power control rod upwards,then again return to pulling to the lowest,or change battery.
Helicopter can not rise	1.Main rotor blades rotate too slowly.	1.Pull up the throttle stick.
	2.Doesn't fully charge helicopter's battery.	2.Full charge helicopter battery. (see instruction above).
Helicopter land too fast	You loose the throttle stick or pull it down too fast.	Slowly pull down the throttle till the chopper landing smoothly.

CAUTION

- 1.The control distance will be shorter when the quantity of electricity is not full.
- 2.When the quantity of the electricity of the helicopter is not full,the helicopter will launch difficultly or the height of fly is not enough.
- 3.If the helicopter become damaged,deformation,please repaired in time.If the rotor damaged or broken,do not fly,otherwise,it will lead to injury.
- 4.If you don't use the transmitter for a long time,Remove all batteries out,in order to avoid the battery leakage to damage this product.
- 5.Don't drop the helicopter from high position or crash it seriously,because that will damage it seriously or shorten the using time.
- 6.Before flight,always turn on the power switch on the controller and then turn on helicopter,otherwise the radio signals of helicopter will be in confusion.
- 7.After flight,always turn off the power switch on the helicopter and then turn off the controller,otherwise the radio signals of helicopter will be mixed up and yo will lose control to your model.

PARTS ARE ALTERNATIVE



S022-01
Plastic body



S022-02
Front main frame



S022-03
Rear main frame



S022-04
Airplane ex-window



S022-05
Connect buckle



S022-06
Main blade A



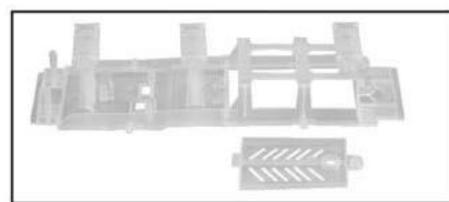
S022-07
Main blade B



S022-08
Gear A



S022-09
Gear B



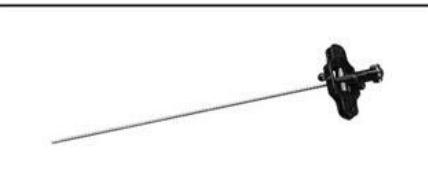
S022-10
Battery base



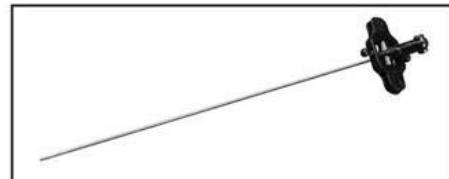
S022-11
Front main axis A



S022-12
Rear main axis B



S022-13
Front inner shaft A



S022-14
Rear inner shaft B



S022-15
Balance bar



S022-16
Plastic shot



S022-17
Decorate blade



S022-18
Bearing



S022-19
Upper blade motor



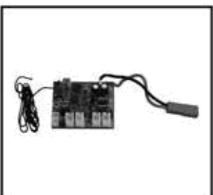
S022-20



S022-21
Balance charger



S022-22
Battery



S022-23
Circuit board



S022-24
Charger

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.