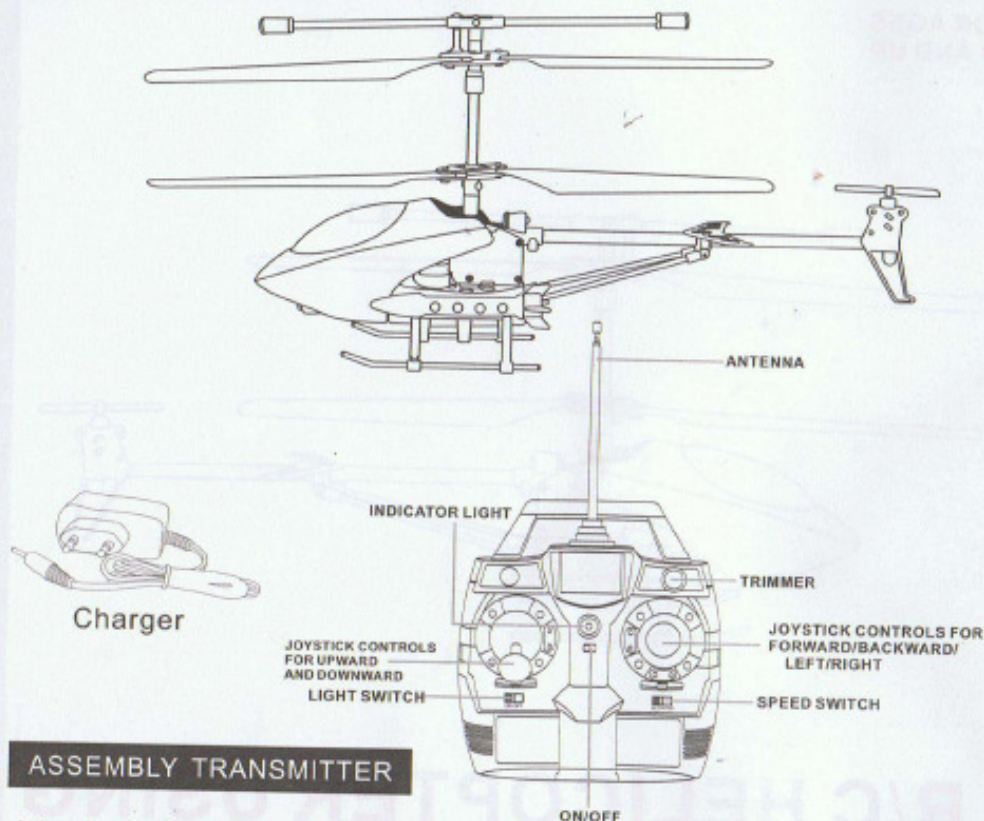
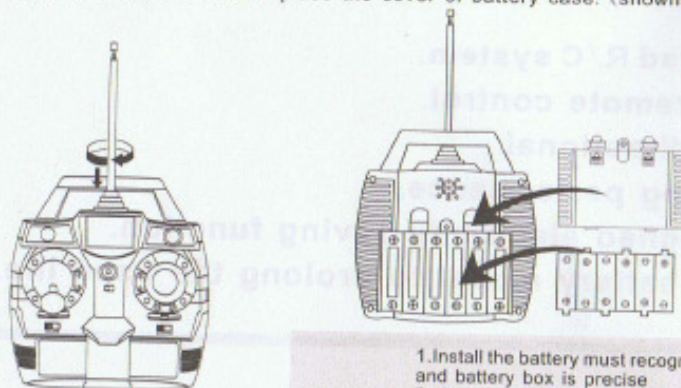


## INCLUDED PARTS NAME



## ASSEMBLY TRANSMITTER

1. Install antenna cord: remove antenna into adapter clockwise.
2. Install batteries: Open the cover of battery case, unplug the plug from the battery case and remove the battery case followed by polar indicator, then insert 6x "AA" alkaline batteries (Batteries to be purchased). Load the battery case to the radio controller, insert the plug into the radio controller and then replace the cover of battery case. (shown on pic. 2)



Pic.1

Pic.2

### 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

## POWER BATTERIES CHARGING INSTRUCTION

Always turn off the helicopter power, connect the charge plug of the charger to the charge slot on the helicopter, then insert the charger into the power jack. When charging the LED is off, and charge is finished the LED is on. Do not charge over the 100-110 minutes. (Fig.3)

### 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 use other type of adapter in order to avoid explode.
5. The battery pack would become very not when the plane finish flying, please wait at least 30 mins for continue charging in order to protect the battery pack.
6. Do not throw the battery pack into fire for avoid explode.

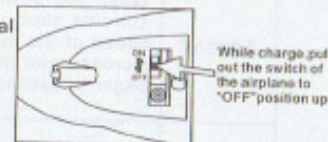


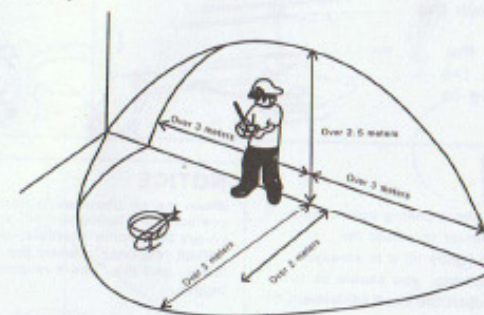
Fig.3

## 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 asunny day, without wind.
2. Do not fly in extreme temperature.  
Do not fly in temperature above 113 degress fahrenheit/45 degress centigrade, or below 50 degress fahrenheit/10 degress centigrade.  
Flying in extreme heat and/of cold will affect performance and may damage the model.
3. 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.



## READY TO FLY

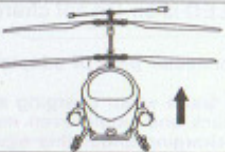
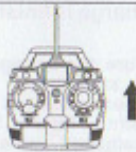
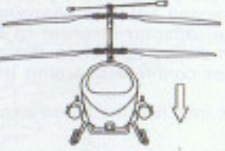
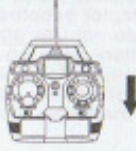
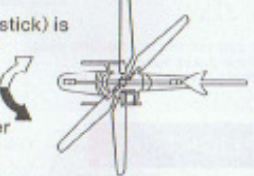

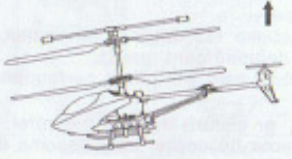
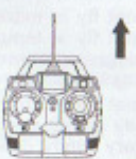
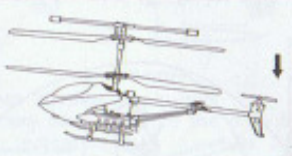

1. Lay your helicopter onto the ground, turn on the power switch, and the indicator lights.
2. Leave the helicopter at least two meters away, while the tail aimed at you.
3. Check that the helicopter be far away from the crowd, animals and other obstruction.
4. Pull antenna full out of remote control device, make sure the joystick at lower place. Turn on the controller's power, and it works, then you can use it to fly the helicopter.

### NOTICE:

While the indicator of the controller is sparkle, which shows the controller is lack of power. And you can change some batteries for it.



## CONTROL METHOD

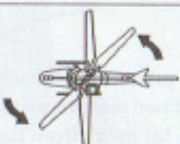
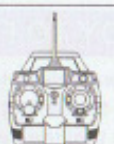
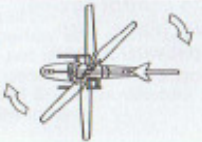

Ascend	When you push up the left stick (throttle stick,) the spinning speed of the main rotor blade is increase and the helicopter begin to ascend.		
Descend	When you pull down the left stick (throttle stick,) the spinning speed of the main rotor blade is decrease and the helicopter begin to descend.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

## SPECIAL PROMPT

If helicopter flies, rotating in the air without pulling control stick, then you can stop the fly, use screw driver to adjust the potentiometer on chopper circuit board lightly till it is steady. After adjust the trim button but yet revolving, you should be turn the trim to the center position, then adjust the hard adjustment till it stop revolving.

### NOTICE:

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

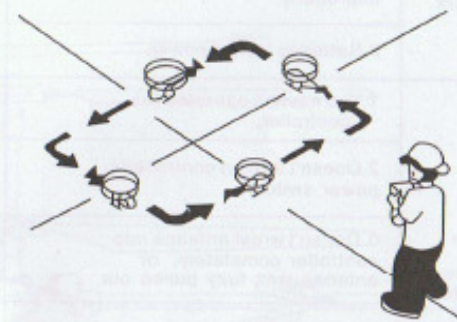
When the helicopter is turning to left, please push the rudder trim to right slowly until the helicopter is still.		
When the helicopter is turning to right, please push the rudder trim to left slowly until the helicopter is still.		

## FLYING PRACTICE

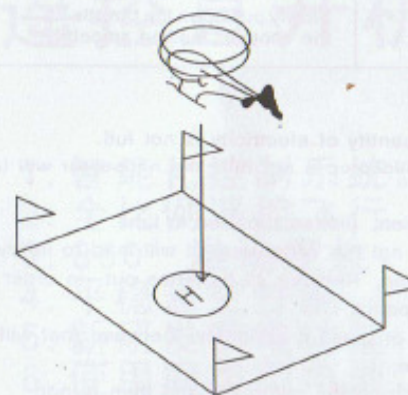
After the enough practice, you can attempts following flying practice.



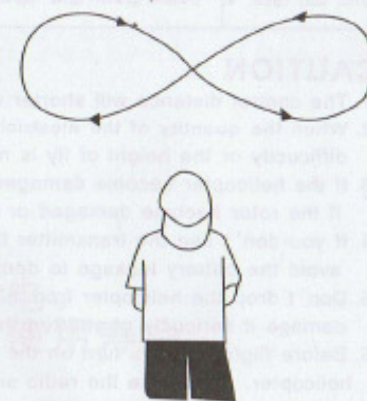
Fixed revolves  
(direction revolve)



Always go forward and turn left, and exercise flight in a quadrate pattern, then repeatedly practices to gradual practice flight in a rotundity.



Landing at the appoint  
pace (fixed landing)



(number 8 flight)



Caution: The user is cautioned that 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.

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.

## 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 operated the controller.	1.Turn controller power switch on.
	2.Doesn't turn on controller'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 fase.	Slowly pull down the throttle till the chopper landing smoothly.

## CAUTION

1. The control distance will 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 become 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 you will lose control to your model.
8. This product contains many kinds of alloy parts, please pay more attention when operating the helicopter.