

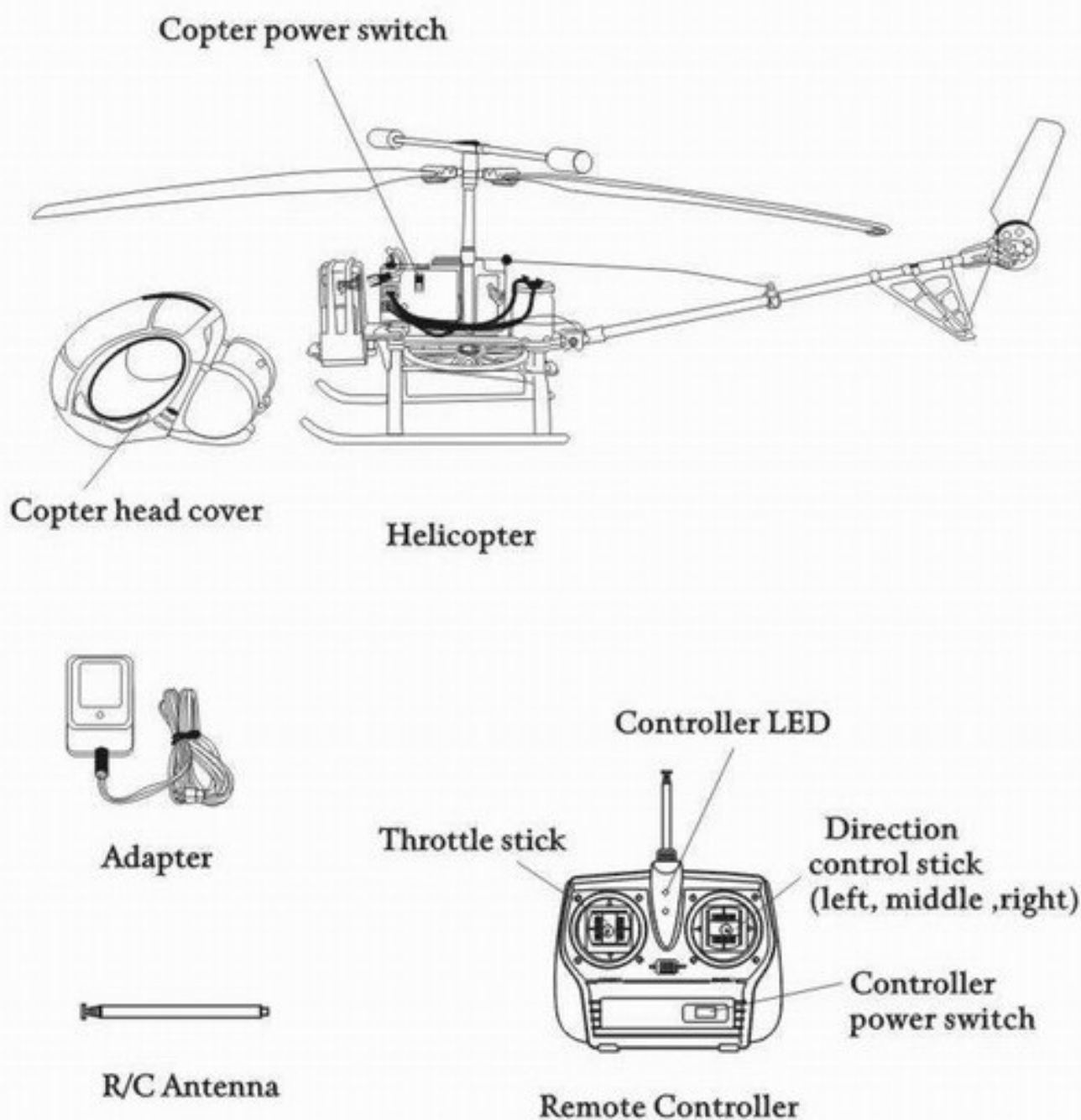
To avoid copter`s damage and player`s injury, please read this instruction before flying!

# FLY DRAGONFLY

Radio Control R/C Helicopter No.MAW010B

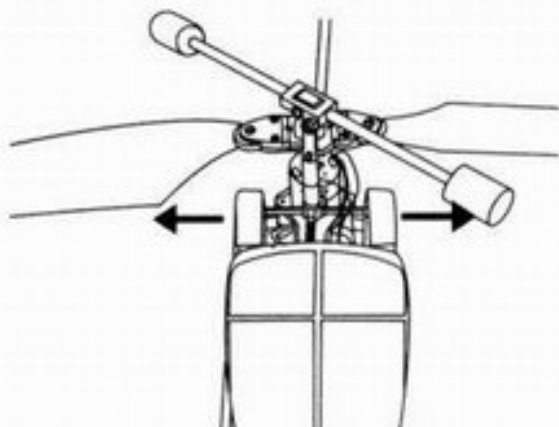
AGE 14+

## PARTS:

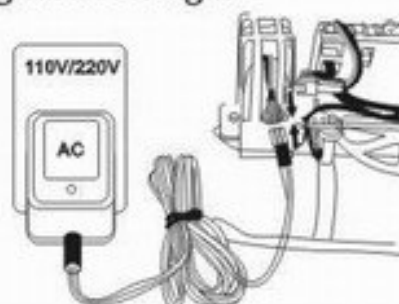


## Charge batteries of chopper boby

1. Move off the helicopter's head cover.



2. Unplug battery and wires from the circuit board, and then connect battery with adapter, plug adapter to 110V/220V power outlet. It begins to charge.



**NOTES: Be sure the adapter fit your local electrical Power supply.**

### IMPORTANT NOTICE:

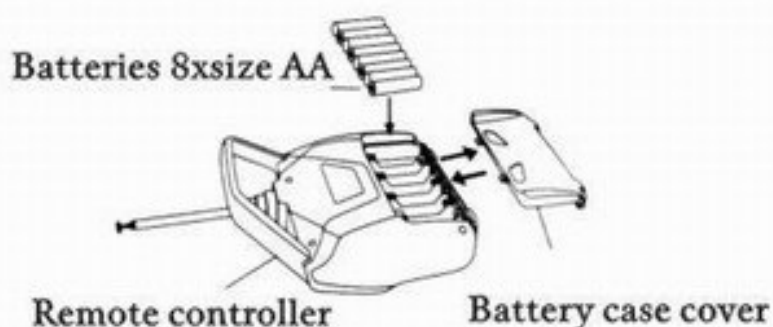
**Full charge to helicopter battery will take about 3 hours long, Do not over-charge. Keep battery temperature lower than 45°C When charging it, or it can cause damage.**

## Assemble remote controller

1. Install antenna cord  
Revolve antenna into adapter clockwise.



2. Install batteries  
Open the cover of battery case; insert 8 batteries (size AA) properly followed by polar indicator. (Batteries to be purchased).

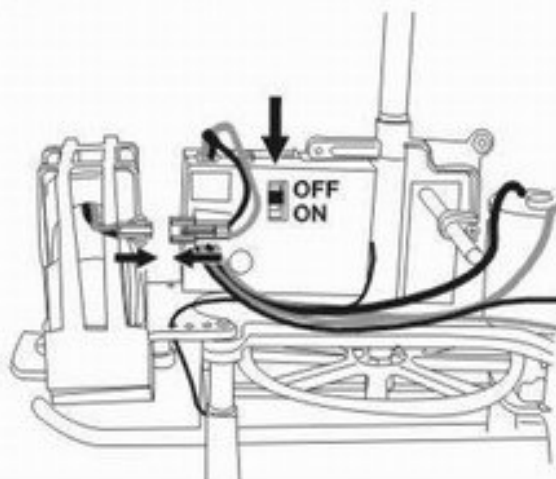


## Pre-fly arrangement

1. The fly requires a warm weather with no wind.
  - a) Do not fly in extremely bad weather such as temperature higher than  $45^{\circ}\text{C}/113^{\circ}\text{F}$  or lower than  $0^{\circ}\text{C}/0^{\circ}\text{F}$ . The over heated and over-cool condition have bad effect on fly and result in helicopter's damage.
  - b) Do not fly in strong winds. It can limit the helicopter's fly and confuse cause damage. Flying in strong winds, the chopper will be missing or cause damage.
  - c) Do not fly in such weather conditions like strong thunder, flashing lighting, rainstorm, ice storm, heavy snow etc..
2. It comes ready to fly the chopper over the lawn. Be sure fly area is far away from the crowd, animals, trees, tall buildings, high-voltage cables etc.

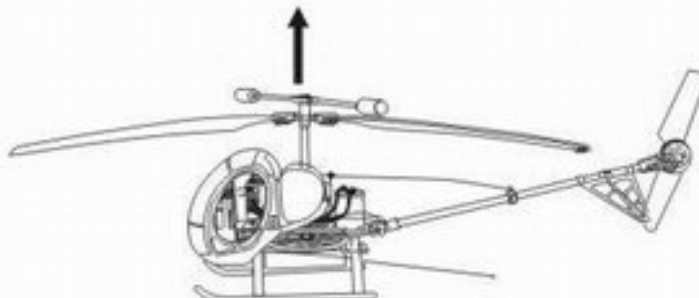
## Ready to fly

1. Pull out the controller's antenna.
2. Turn on the controller's power switch, red LED on it brightens.
3. Connect battery to the jack of circuit board, put the head cover back; turn on the chopper's power switch; put it onto the open ground.
4. Leave the controller to the chopper at least 5 meters far away.
5. Confirm that fly ares far away from any obstacles, then pilot your chopper.

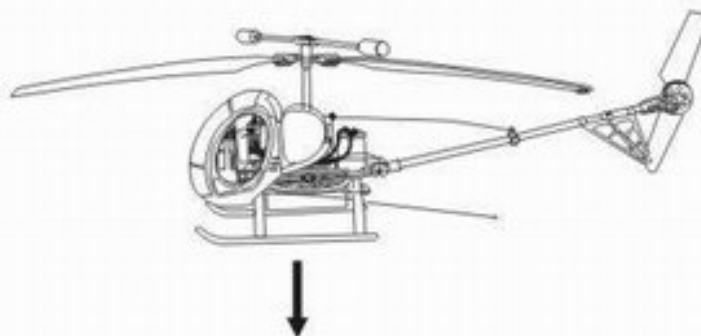


## Fly the chopper

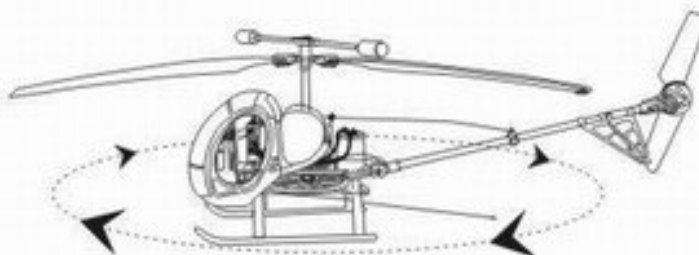
This following shows you each operation on the remote controller and what the helicopter's corresponding action is.



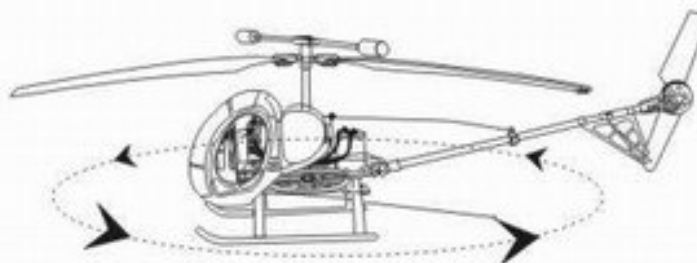
Increase throttle stick, main rotor span revolves faster and the chopper rises up.



Pull down throttle stick,main rotor span`s rotating speed comes down and the chopper falls.



Turn direction control stick to the left,tail rotor span rotates slowly and the chopper yaw its nose to the left.



Turn direction control stick to the right,tail rotor span revolves faster and the chopper yaw its nose to the right.

## Note:

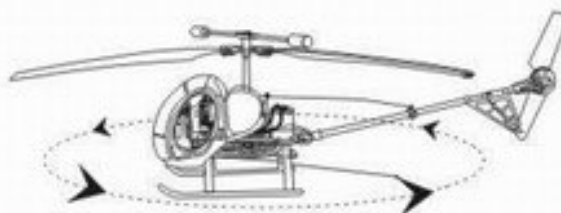
1. The remote controller is suitable for about 50 square meter area. Do not fly the helicopter in strong winds; otherwise the chopper can be blown off and out of control.
2. When you are tired of playing, please turn off the power switch on the chopper and on the controller to extend battery's usage time.

## Important note

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.



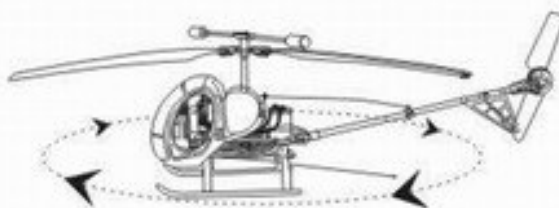
Adjust the potentiometer clockwise



Helicopter rotate against clockwise



Adjust the potentiometer against clockwise



Helicopter rotate clockwise

## Safe usage for battery and some guide

- 1.Insert batteries properly, avoid battery leak.
- 2.Charge battery and change it by adult`s guide.
- 3.Do not expose battery to direct sunlight,in heat locations or near stove to avoid explosion.
- 4.Do not dispose useless battery into fire to avoid explosion hazard.
- 5.Do not mix new and old dry-cell battery together when in use.
- 6.Do not mix rechargeable battery and dry-cell battery together when in use.
- 7.Do not charge dry-cell battery.
- 8.Take exhausted battery or leak battery out of the product,Remove battery out before it is long-time unused.
- 9.Assemble battery with proper interval.
- 10.The excess charge can ruin the rechargeable battery.
- 11.Take care of battery when it is charging.

**Note:Wrong lying down of the helicopter can make rotor spans out of shape, which reduce the chopper`s performance. Please put the chopper just right into the foam package box.**

## WARNING

1. Main rotor blades and tail blades and gear can rotate at very high speeds in your playing and therefore can inflict severe damage or injury to people especially from parts such as your face,fingers, eyes and hairs.
2. The helicopter has battery pack inside. If battery leaks, keep it far away from your eyes.
3. Use only the adapter in package,Do not use other type adapters.
4. Do not fly the helicopter if the rotor span is break,or it can cause damage.
- 5.The helicopter`s heavy crash and fall are prohibited when you are playing, it can shorten the life of the copter.












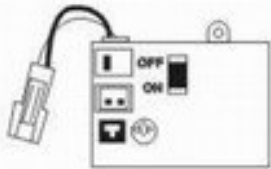
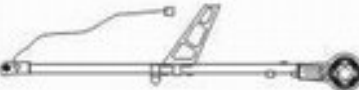
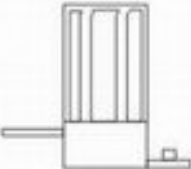
## Trouble shoot and dealing with

PROBLEM	CAUSE	CHECK THIS
Controller doesn't work.	<ol style="list-style-type: none"> <li>1.Controller's power switch is off.</li> <li>2.Insert batteries into controller improperly.</li> <li>3.Batteries lack of power.</li> </ol>	<ol style="list-style-type: none"> <li>1.Turn power switch on.</li> <li>2.Confirm batteries be inserted according to their pole.</li> <li>3.Change new batteries instead.</li> </ol>
Can not control the helicopter.	<ol style="list-style-type: none"> <li>1.You haven't operated the controller.</li> <li>2.Doesn't turn on controller's power switch.</li> <li>3.Doesn't wrest antenna into controller completely,or antenna isn't fully pulled out.</li> <li>4.You play the helicopter in strong wings weather.</li> </ol>	<ol style="list-style-type: none"> <li>1.Turn controller power switch on.</li> <li>2.Turn helicopter's power switch on.</li> <li>3.Wrest antenna completely and pull it out.</li> <li>4.Do not play the chopper in strong winds,which can confuse your control.</li> </ol>
Helicopter can not rise.	<ol style="list-style-type: none"> <li>1.Main rotor blades rotate too slowly.</li> <li>2.Doesn't fully charge helicopter's battery.</li> </ol>	<ol style="list-style-type: none"> <li>1.Pull up the throttle stick.</li> <li>2.Fully charge helicopter battery. (See instruction above)</li> </ol>
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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## Parts are Alternative

Items to be purchased are lined below. You can order them by their item numbers, purchase them from local distributors.

		
<b>MAW010B-01 Head Cover</b>	<b>MAW010B-02 Main Rotor Span</b>	<b>MAW010B-03 Connect Buckle</b>
		
<b>MAW010B-04 Balance Bar</b>	<b>MAW010B-05 Body Battery Pack</b>	<b>MAW010B-06 Tail Rotor Span</b>
		
<b>MAW010B-07 Main Motor</b>	<b>MAW010B-08 Tail Motor</b>	<b>MAW010B-09 Landing Gear</b>
		
<b>MAW010B-10 Circuit Board</b>	<b>MAW010B-11 Chopper Tail Unit</b>	<b>MAW010B-12 Battery Case</b>

CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT