

Appendix 5

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User manual

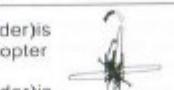


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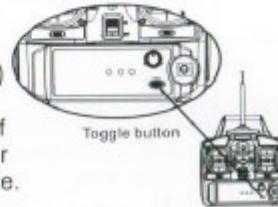
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CONTROL METHOD				
Ascend	When you push up the left stick (throttle)the speed of the main rotor blade will increase and the helicopter will go up.			
Descend	When you pull down the left stick (throttle)the speed of the main rotor blade will decrease and the helicopter will go down.			
Steering	1.when the right stick(rudder)is moved to the left the helicopter will rotate to the left. 2.when the right stick(rudder)is moved to the right the helicopter will rotate to the right.			
Forward	When you push the right control lever(rudder)up wards the helicopter's nose will point down and it will fly forwards			
Backward	When you pull the right control lever(rudder)down wards the helicopter's nose will rise and it will fly backwards			

The helicopter has two flight modes, for beginner and for master-hand:
 1.Beginner mode(Factory default state)
 2.Master-hand mode(Once press the swicher which is on the right bottom of the remote control, then the helicopter will change into the Master-hand mode.



SPECIAL PROMPT

If the helicopter spins during flight, follow the procedure below to stop the rotation.

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

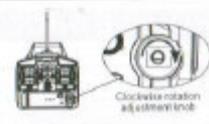
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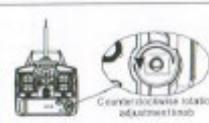
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Note: Adjust the knob as required until the rotation has stopped



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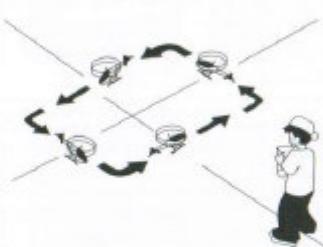


FLYING PRACTICE

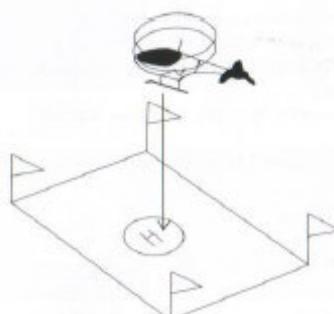
After the enough practice, you can attempts following flying practice.



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)



Fly in a figure of eight shape



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TROUBLE SHOOT AND DEALING WITH

PROBLEM	CAUSE	CHECK THIS
Controller doesn't	1.Controllers 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 havent operated the controller.	1.Turn controller power switch "ON".
	2.Doesnt turn on controllers power switch.	2.Turn helicopters power switch "ON"
	3.Doesnt 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.
Helicopter can not rise	1.Main rotor blades rotate too slowly.	1.Pull up the throttle stick.
	2.Doesnt fully charge helicopters 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

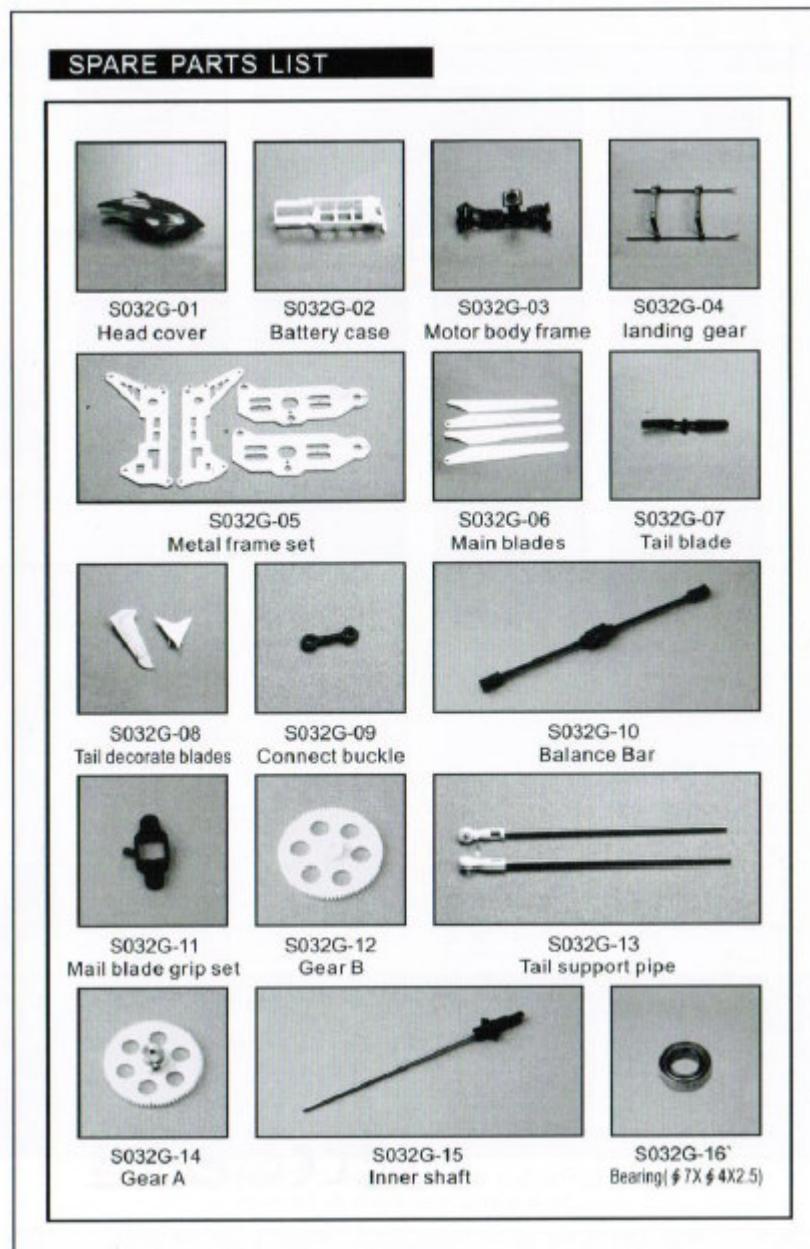
- 1.The control distance will shorter when the quantity of electricity is not full.
- 2.When the quantity of the electricity of the helicopter is not full, the helicopter will difficulty or the height of fly is not enough.
- 3.If the helicopter become damaged, deformation, please repaired in time.
If the rotor become damaged or broken, do not fly, otherwise, it will lead to injury.
- 4.If you dont use the transmitter for a long time. Remove all batteries out, in order to avoid the battery leakage to damage this product.
- 5.Dont drop the helicopter from high position or crash it seriously, because that will damage it seriously or shorten the using time.
- 6.This product contains many kinds of alloy parts, please pay more attention when operating the helicopter
- 7.Motor heating components, don't touch, avoid scald.

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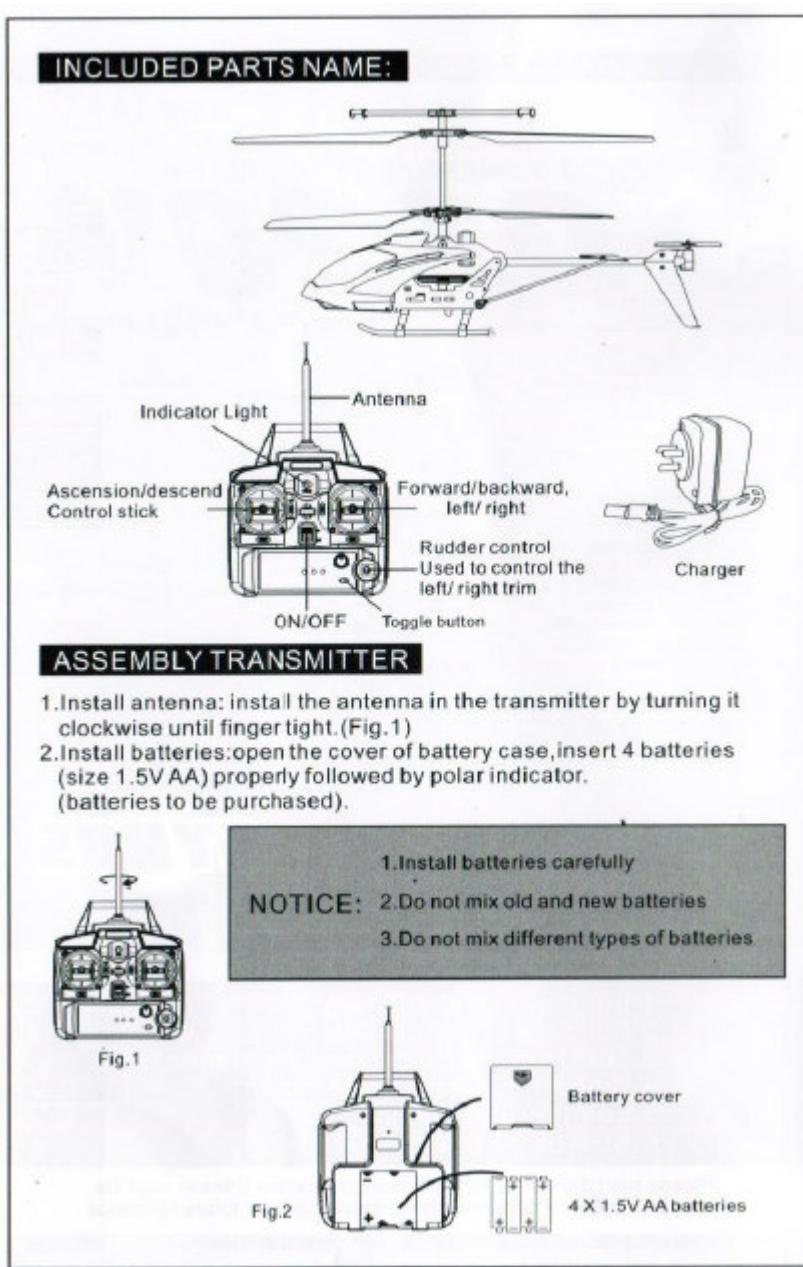


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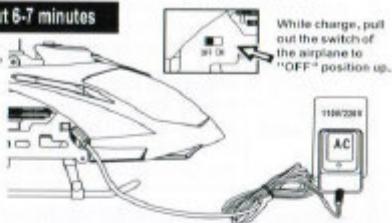
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Using instructions of charging power batteries

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 50-60 minutes.

Charging time can be 50-60 minutes flying for about 6-7 minutes

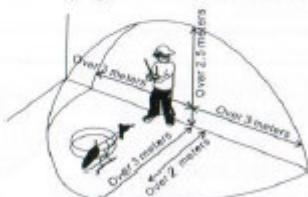
- Helicopter is equipped with Li-Poly battery, please also pay attention to the following cautions for safety use.
- Do not use or leave the battery near a heat source such as fire or heater. Otherwise it can cause damage or explode.
- Do not immerse the battery in water, and keep the battery in a cool dry environment.
- When recharging,only use the battery charger specifically for that purpose.
- Do not disassemble the battery.
- Never leave the battery unattended during charging.



NOTICE: When you are finished using your helicopter,please disconnect all charging cables before storing away to void damage to the batteries

ENVIRONMENT FOR FLIGHT:

1. Fly on a sunny day, without wind.
- 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 centigrade.
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 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 obstructions.
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.



CAUTION:

- 1.Turn on the switch.
- 2.The motive handle (accelerator) must be pushed to the maximum control route of travel first, then adjust it to zero (lowest),after that, you can turn on the power of helicopter to fly the normal operation.

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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.

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.

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.