

INSTRUCTION MANUAL

1. The HUMBLEBEE RADIO-CONTROLLED SKY PATROL HELICOPTER flies to Heights of over 15 meters! Featuring proportional control,it's easy to pilot your chopper in the air,just hit the throttle...the harder you press it,the higher your chopper will go!To land,ease off on the throttle.To stop the rotor,press the brake.Learning to fly a radio-controlled helicopter is a lot of fun and following these basic instructions will help you to become a much better pilot.

PLEASE READ THESE INSTRUCTION BEFORE FLYING!

2. Installing the Controller's Batteries

Requires:6AA alkaline batteries

- A. Use a Philips screwdriver of unscrew the battery door.
- B. Install ALL 6AA alkaline batteries,ensuring that the positive(+) and negative(-)battery ends are aligned with the "+" and "-" markings inside the battery compartment as shown.
- C. Return the battery door by inserting the battery door tab into slot and tighten the screw.

3. Installing the Launch Pad Charging Station Batteries:

Requires:8D alkaline batteries

- A. Use a Philips screwdriver to unscrew the battery door.
- B. Slide the battery door until the tabs align with the slots and you can remove the battery door.
- C. Install ALL 8D alkaline batteries,ensuring that the positive(+)and negative(-) battery ends are aligned with the "+" and "-"markings inside the battery compartment,as

shown.

D. Return the battery door and tighten the screw.

4. (1).**CONTROL RANGE:**The control range of the HUMBLEBEE RC Sky Patrol Helicopter is 300 feet (100m).**WARNING:**Do not fly on windy days.Wind may overpower your helicopter and cause it to fly out of range.When the helicopter is out of range,you will not be able to control it.

(2)**FLIGHT TIME:**On a full charge,and in low wind(0-8Km/H)conditions,the HUMBLEBEE RC Sky Patrol Helicopter will fly for 30 seconds-2minutes.If your flight is less than 30 seconds-2minutes,you may need to change the 8D alkaline batteries in the charger.Then,recharge and try again.

(3)**SAFETY FEATURE:INTERNAL TEMPERATURE SENSOR**

The HUMBLEBEE Sky Patrol is equipped with a built-in temperature sensor.if the internal temperature of the helicopter becomes too hot,the sensor will begin to **AUTOMATICALLY** shut down the helicopter by slowing down the rotor speed.If this happens,your helicopter will appear to be landing.The temperature gauge is installed to prevent battery overheating and helps to ensure a long lifespan for the helicopter.

5. (1)**TO LAUNCH AND FLY HIGHER:**Pull the trigger inwards.The HUMBLEBEE RC Sky Patrol Helicopter has proportional control.The harder you pull the trigger,the higher the helicopter will fly.

(2)The red light will be introduce you to flight speed rate of controlling the trigger.

6. **TO CHANGE DIRECTION:**Ease off on the trigger slightly.The helicopter's tail rotor will then rotate the helicopter.When the helicopter is pointing the way you want to go,pull hard again on the trigger.

- 7. IMPORTANT:IT IS NOT POSSIBLE TO ACCURATELY PRE-SELECT A LEFT OR RIGHT TURN.**The action of easing off on the trigger and then pulling the trigger to full speed again,will only allow you to manipulate the area that your helicopter flies in.It will not give you the ability to turn your helicopter left or right with accuracy.
- 8. TO LAND:**Select a soft grassy area.Harsh landing surfaces may damage the helicopter.To land,ease off on the trigger SLOWLY.Do not ease off too fast,or your helicopter may come down faster than anticipated and may become damaged.
- 9. TO STOP THE ROTOR FROM SPINNGING:**Push the trigger all the way outwards to brake.You will need to continue to push the brake,or the rotor will start spinning again.
- 10.TO RETRIEVE THE HELICOPTER:**Once the helicopter has landed,push outwards on the controller trigger and hold it in the full brake position while you walk to the helicopter.This will ensure the helicopter's rotor has stopped spinning.Continue to hold the trigger in the full brake position,until you have reached the helicopter and successfully turned the helicopter's ON/OFF switch to the OFF position.You can now pick up the helicopter.
- 11.IMPORTANT:FOR THE FIRST FLIGHT OF THE DAY,CHARGE YOUR HELICOPTER TWICE BEFORE FLYING.FOR SUBSEQUENT FLIGHTS ON THE SAME DAY,CHARGE ONLY ONCE.NEVER DOUBLE-CHARGE YOUR HELICOPTER AFTER THE FIRST FLIGHT!**
- (1)Sit helicopter onto the launch pad charger.The helicopter's 4 landing gear opening's should be hooked over each of the 4 launch rods on the charger.
- (2)Ensure that the helicopter's ON/OFF switch is set to the OFF position.If the helicopter is not OFF, you will not be able to insert the charge nozzle for charging.

(3) Insert the charge nozzle **ALL THE WAY** into the helicopter's circular charger port.

(4) Move charger's ON/OFF switch to the ON position. Then press the charger's button key once. The red light will light up, and green light will switch off to tell you that charging is occurring. It will take approximately 3 minutes to fully charge your helicopter.

(5) When the helicopter is fully charged, the green light will light up, and the red light will shut off. Your helicopter is now fully charged and you are ready to fly. If the red light does not light up, the charge nozzle may not be **ALL THE WAY** inside the helicopter's charge port. or not press the charge's button key. Push the charge nozzle firmly into the charge port and then press the charge's button key.

IMPORTANT: If the green light does not blink, the charge nozzle may not be **ALL THE WAY** inside the helicopter's charge port. Push the charge nozzle firmly into the charge port.

12.(1) FLY ON A WARM AND SUNNY DAY, WITH NO WIND.

A. DO NOT FLY IN EXTREME TEMPERATURES. Do not fly in temperatures above 113F/45C, or below 50F/10C. Flying in extreme heat and/or cold will affect performance and may damage the toy.

B. DO NOT FLY ON WINDY DAY. Windy conditions will limit, and may prevent your ability to control the helicopter. In very windy conditions, your helicopter may become lost and/or damaged.

C. DO NOT FLY IN POOR WEATHER CONDITIONS. Do not fly in electrical storms, rain, sleet, snow or other adverse weather conditions.

(2) SELECT A LARGE, WIDE-OPEN, GRASSY AREA FOR FLYING.

A. MAKE SURE THE LOCATION IS CLEAR BEFORE FLYING. Do not fly near other people, animals, trees, buildings, overhead wires, and/or other obstructions.

12.PREPARING FOR TAKEOFF:

- (1)Screw the controller’s antenna into place and fully extend it.
- (2)Turn the controller switch to ON.The green power light will light up.
- (3)Set all 4 of the helicopter’s landing gear openings onto the 4 launch rods on the charge.
- (4)Turn the helicopter’s power to ON.
- (5)STAND BACK-ensure that you are at least 5 meters away from the helicopter before launching!**
- (6)Recheck the area to make sure it is clear of other people,animals,trees,buildings,overhead wires,and other obstructions.If the area is clear,you are ready for takeoff.

13.TROUBLESHOOTING GUIDE:

PROBLEM	CAUSE	SOLUTION
No power to controller OR charger.	1.Power switch is set to OFF.	1.Set switch to ON.
	2.Batteries are installed with incorrect polarities.	2.Check to make sure that the positive(+)and negative (-) battery polarities are properly aligned with the “+” and “-“ markings inside the battery compartment,
	3.Batteries are drained.	3.Install NEW batteries.

Cannot insert charge nozzle into the helicopter.	1.Helicopter ON/OFF switch is set to ON.	1.Move the helicopter's switch to OFF to reveal the circular charging port.
Red charge light is not light	1.Charge nozzle is not inserted ALL THE WAY into the helicopter.	1.Insert the charge nozzle into the helicopter and push firmly to ensure it is all the way inside.
	2.charger ON/OFF switch is set to OFF.	2.Set charger ON/OFF switch to ON.
	3.Does not press the black key.	3.Press the black key once.
No Control	1.Controller is NOT on.	1.Set controller switch to ON.
	2.Controller's antenna is not screwed into place and/or is not fully extended.	2.Ensure that the long,sliver antenna is screwed into controller and fully extended.
	3.IT IS A WINDY DAY.	3.DO NOT fly in wind.Flying in wind will limit,and in come cases prevent,your ability to control the helicopter.
Helicopter is NOT flying high	1.Rotor speed is too slow.	1.Pull the trigger hard to

enough.		make the helicopter go higher.
	2.Helicopter is not fully charged.	2.Fully charge your helicopter.(See “ CHARGING YOUR HELICOPTER”)
	3.Batteries in charger are drained.	3.Install 8 NEW D-size alkaline batteries into the charger. The charger’s batteries need to be replaced after every 20-25 flights.
No Left/Right Turn.	1.It is not possible to turn this toy accurately left or right.There is no left/right toggle.	1.See “ TO CHARGE DIRECTION” section.
Helicopter lands too quickly.	1.You are easing off on the trigger too quickly.	1.Ease off on the trigger SLOWLY for gentle landings.A gradual landing.

Cannot stop rotor from spinning.	1.Controller's trigger is NOT in the full brake position.	1.Push the trigger ALL THE WAY OUTWARDS to stop the rotor from spinning.You must HOLD the trigger in the full brake position,or the rotor will start to spin again.
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IMPORTANT SAFETY INFORMATION.

Keep helicopter clear from face,eyes,and hair at all 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 HUMBLEBEE Recommended for use in large,wide-open,grassy areas.Do not fly near overhead wires,buildings,trees,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,rain,sleet or snow.Do not fly in temperatures below 50F/10C.Do not fly in temperature above 113F/45C.For charging,use ONLY the charger included in this package.Do not use any other source to charge HUMBLEBEE .Do not overcharge your helicopter.Follow 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 5 meters 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.

14. Check to make sure contents are complete:

A.1 HUMBLEBEE RC Sky Patrol Helicopter.

B.1 Launch Pad Charging Station.

C.1 controller.

Modification not authorized by the manufacturer may void users authority to operate the devices.

Note:

This equipment has been tested and found to comply with limits for a Class B digital device, pursuant to Part 15 of 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 instruction, 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 and outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio /TV technician for help.