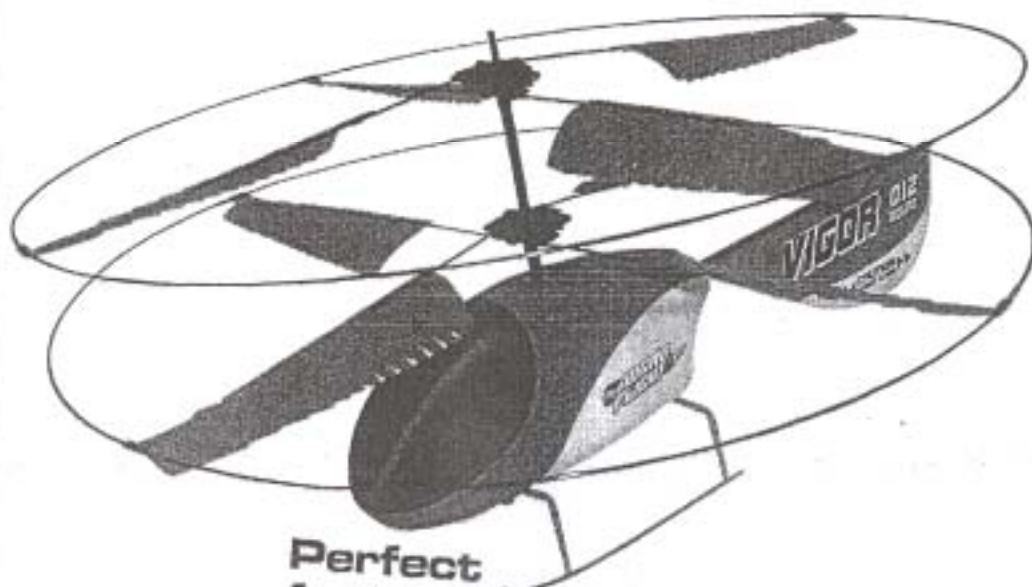




Item # 0722001

INSTRUCTION MANUAL



**Perfect
for indoor
flight!**



**4-WAY FUNCTION
RADIO CONTROLLED SERIES**

CAUTION - ELECTRIC TOY:

Not recommended for children under 8 years of age. As with all electric products, precautions should be observed during handling and use to prevent electric shock.

AC CHARGER USED BY ADULT ONLY
INPUT: 120 V AC
OUTPUT: 7.5 V DC / 400-500 mA

Product must be periodically examined for conditions that may result in the risk of fire, electric shock, or injury to persons, in an event of such conditions, the product should not be used until properly repaired.

1. HELICOPTER INSTRUCTION MANUAL

Congratulations on the purchase of your state-of-the-art, indoor helicopter. The helicopter uses the latest in electronic and battery technology to give you an all-new flight experience. Though your helicopter is designed for ease of operation and control, it is an aircraft and as such you need to spend a bit of time reading this manual in order to learn how to operate it properly and safely.

CAUTION: Electrically operated product. AC charger used by adults only.

2. HELICOPTER STORAGE AND UNPACKING

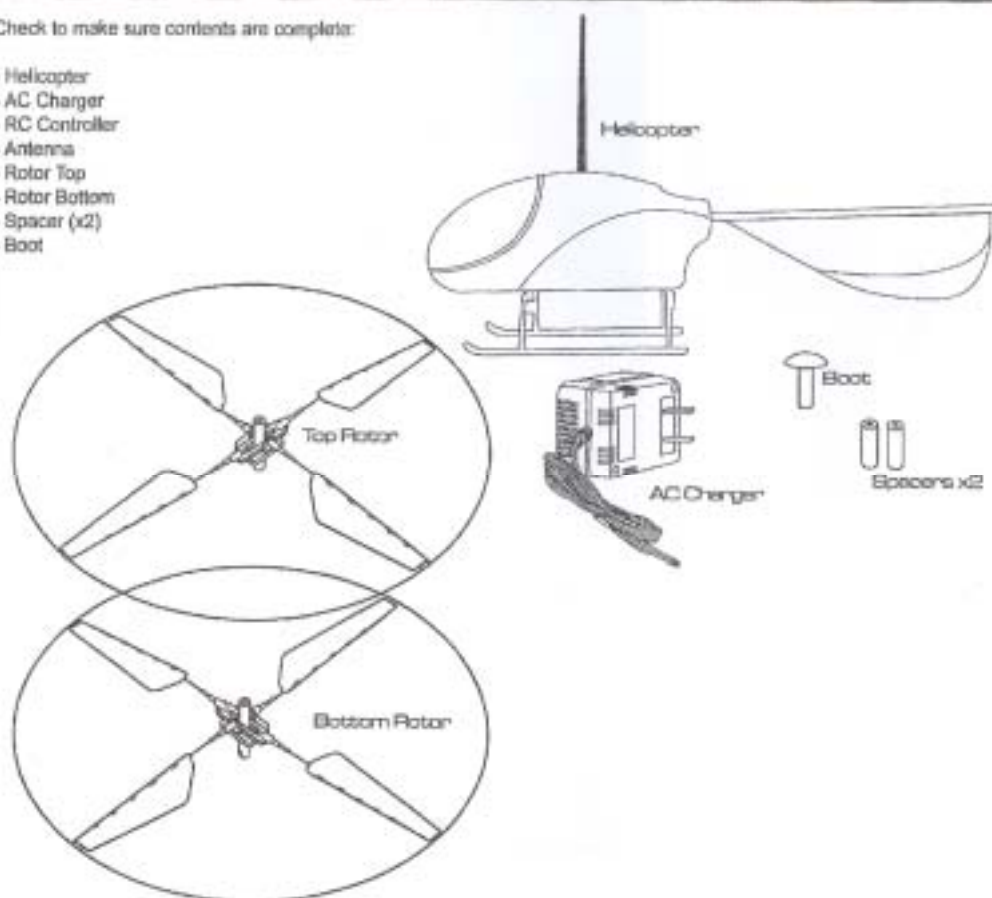
Your helicopter is fastened securely in place to prevent shipping damage. The helicopter assembles with lots of parts and you must be very careful when removing it from the packing to prevent any damage. Helicopter packaging box and foam tray should be kept and reused for proper storage of the helicopter. Store the helicopter in a secure place after each use.

WARNING: Improper storage of the helicopter may result in the rotor(s) becoming bent and/or warped. This will result in decreased flight performance.

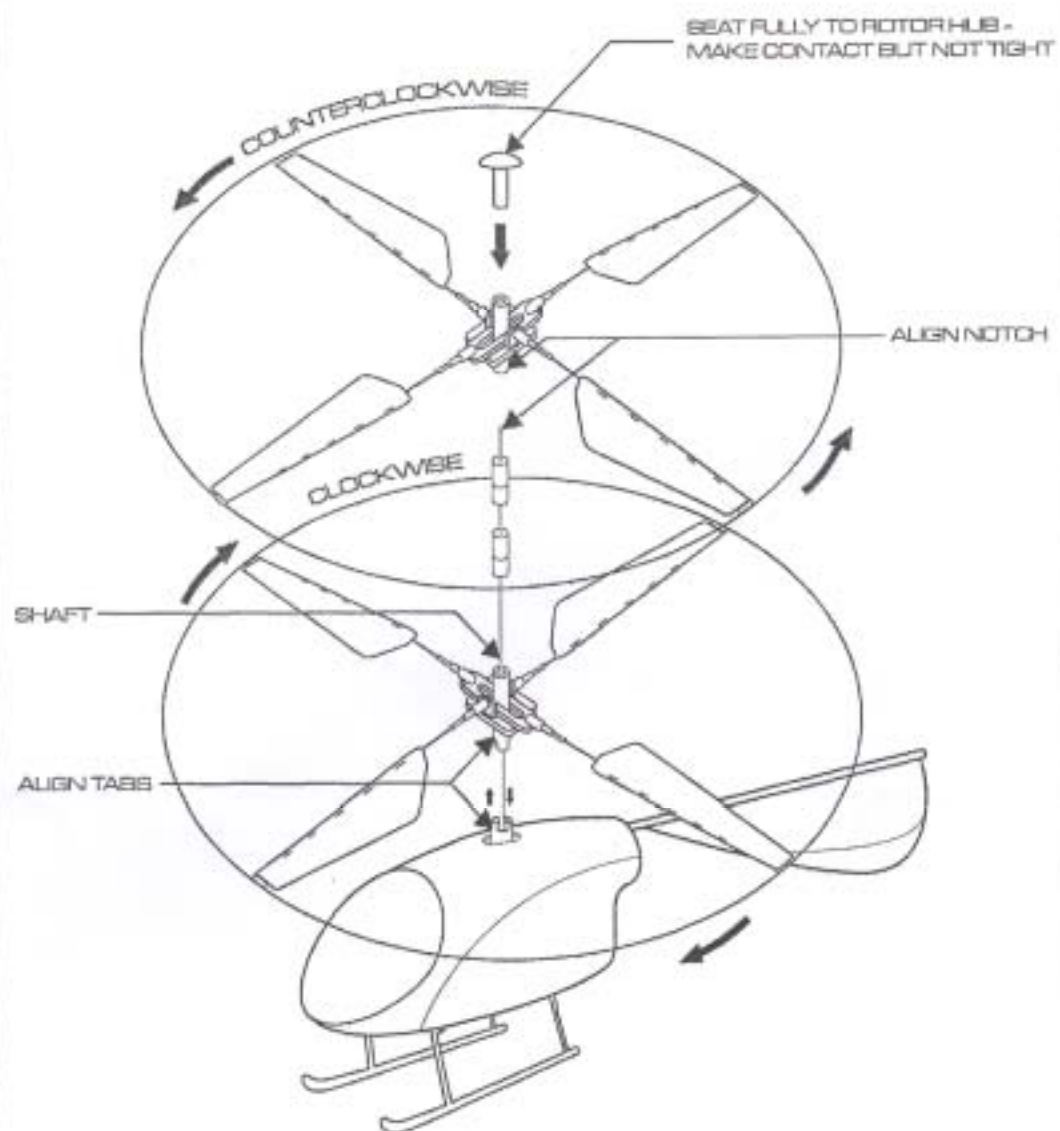
3. CONTENTS AND ASSEMBLY

Check to make sure contents are complete:

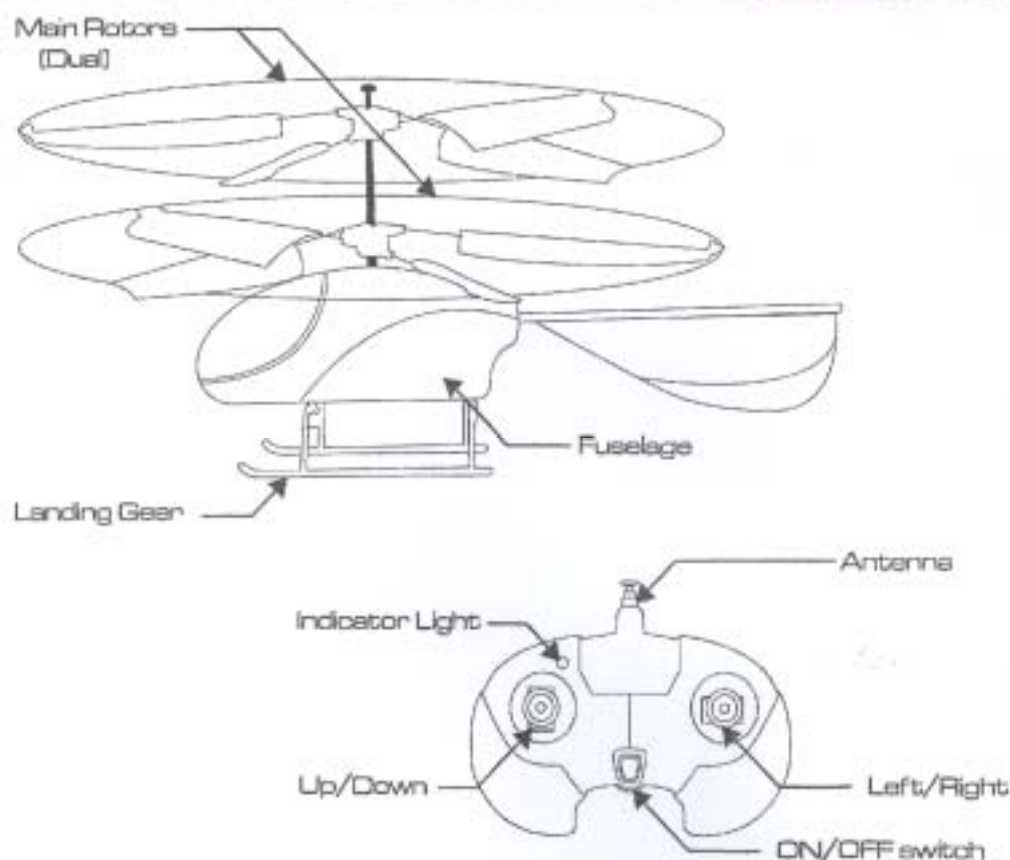
- Helicopter
- AC Charger
- RC Controller
- Antenna
- Rotor Top
- Rotor Bottom
- Spacer (x2)
- Boot



HELICOPTER ASSEMBLY



4. GETTING TO KNOW YOUR RC HELICOPTER



5. CHARGING YOUR HELICOPTER

Important battery information

Your helicopter was shipped with the integrated rechargeable flight battery partially charged. This allows you to test the functioning of the helicopter before recharging the battery for the first time.

Initial charging instructions

Do not charge the helicopter before first use - simply fly it for a few minutes.

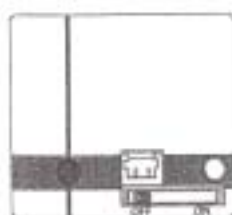
As soon as power begins to fade, land the helicopter and charge the battery.

For the first 3-5 charge cycles, please make sure to charge the battery fully and drain it up to the point where the helicopter's power starts to fade, before recharging. This will properly condition the battery and will ensure that it will operate at its maximum capacity.

CAUTION: Never leave the helicopter unattended while charging.
Always unplug the battery when the charge is complete.
Do not charge the battery if it is warm.
Never allow the battery to overheat.
Do not disassemble the charger unit.

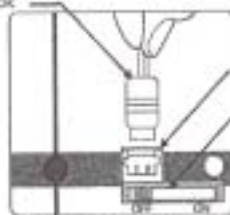
Periodic adult supervision and inspection of adapter for potential hazards is recommended.
Do not use product if problems are found until the adapter unit is repaired or replaced.

5. CHARGING YOUR HELICOPTER CONT'D



You can find the "ON/OFF" switch on the bottom of the helicopter.

CHARGER JACK



You can find the "RED-CHARGE PORT" next to the "ON/OFF" switch.

RED-CHARGE PORT
POWER SWITCH
SET TO "OFF"



Charger Jack

CHARGING

1. Make sure the helicopter is switched "off".
2. Locate the AC charger and plug it into an AC wall outlet. Gently plug the charger jack in the recharge port located on the underside of the helicopter. Note that the connectors will only "connect" in one orientation. Do not force them together – they should connect smoothly with minimal force required.
3. As soon as you plug the helicopter into the charger, the Charger's LED indicator will go off, indicating that charging is taking place. Please note that if the helicopter's battery is fully charged and you attempt to recharge it, the LED will flash and no charging will take place.
4. Initially, a full charge takes about 30 minutes. After several uses, charging will require less time, usually about 10 to 15 minutes.

6. AC CHARGER INDICATOR LIGHT

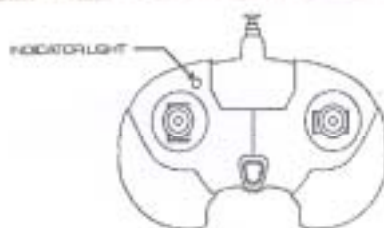
After connecting the AC Charger to the helicopter, the AC Charger LED is used to indicate the following charging conditions:

LED off : Battery is low in power.

LED on : Battery is full/charge complete.

LED blinking rapidly : Connection fault – the charge cable is not properly connected to the helicopter or the helicopter is turned on.

7. FLIGHT CONTROLLER



When the battery in the Controller runs low, the Controller's LED light will become faint and flicker. The control distance will also be reduced. Replace the battery at once.
Requires one 9 Volt battery, not included.

CAUTION:

- Do not open batteries.
- Only adults should install and replace batteries.
- Do not recharge non-rechargeable batteries.
- Do not use rechargeable batteries.
- Remove dead or exhausted batteries.
- Insert batteries correctly. Match positive and negative signs.
- Do not place anything across the battery terminals.
- Only use the batteries specified above.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.
- Do not mix old and new batteries.
- Do not dispose of batteries in fire. They may explode.
- Dispose of batteries safely.

8. FLIGHT

SAFETY PRECAUTIONS

- Do not fly your helicopter near people or pets.
- Stay clear of furniture and other obstructions.
- If you lose control of the helicopter, reduce the throttle and allow it to land.
- Do not attempt to open the body of the helicopter or modify the design, doing so may damage the aircraft and may be hazardous.
- Do not attempt to replace or overcharge the internal battery.
- To prevent battery damage, use only the supplied battery charger.

Flying area/location

This helicopter is meant for indoor flight only. The helicopter is very lightweight and is sensitive to air currents. Be very careful to fly only in calm air - keep away from fans, air vents or any other sources of moving air. Also, fly only in open areas to avoid damage.

1. Extend the transmitter antenna and switch the controller "ON". Next place the helicopter on the floor in the center of the room and turn "ON".



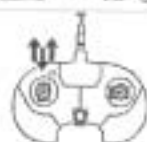
2. Place the helicopter on the ground with the tail pointing towards you and the nose facing away from you.



CAUTION: It's always good practice to begin flights with the helicopter facing away from you. This is a natural orientation which makes it easier for you to steer.

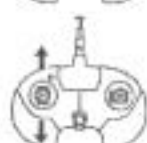
3. LIFTOFF:

Reset the controller by quickly moving the throttle all the way up, then all the way down. In the same motion, begin to raise the throttle again, and the helicopter will now respond. As you move the throttle past center, the helicopter will begin to liftoff. Helicopter liftoff should be made with a swift motion of the throttle.



4. FLY HIGHER AND DESCEND:

To gain altitude advance the throttle stick up. To descend slowly move the stick down.



CAUTION:

Do not fly helicopter too close to walls or other objects.
Fly with Adult Supervision

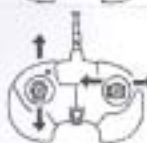
5. TO CHANGE DIRECTION:

To turn the nose to the left (while the helicopter is facing away from you) move the right-hand stick to the left. To turn the nose to the right (while the helicopter is facing away from you) move the right-hand stick to the right.



6. FORWARD & BACKWARD:

The helicopter does not have forward or backward control, but you can use air currents to "steer" in these directions. After careful practice, you can learn to turn your helicopter in the direction of room air currents to "ride" these air streams which will cause your helicopter to move forward or backward in the desired direction.



7. TO LAND:

To cause the helicopter to descend, slowly move the throttle stick down.



9. FLIGHT DURATION

- You can expect a flight time between charges of about 5 minutes. Allow your helicopter to cool for about 2 minutes after completing a full charge. Fly it for about 2 to 3 minutes, land and allow it to cool for 2 minutes. You will then have approximately 2 minutes of flight time remaining before you will need to recharge.

10. FLIGHT TIPS

- Try to keep the helicopter at least 2 feet away from walls or ceilings. You will find that the helicopter tends to get "sucked" towards large flat surfaces if you fly too close to them.
- When taking off, do not move the throttle stick too slowly. Take off is a critical time for helicopter and if you allow the helicopter to sit for too long with the main rotors spinning, it may tip over. Lift off smoothly and quickly. Do not jam the throttle stick to full power. Use smooth power application.
- To avoid unwanted oscillation, avoid sudden control stick movements.
- Always make your control inputs smooth.
- When landing, give the helicopter a burst of power just before touchdown to slow its descent rate and land it smoothly.
- As the helicopter touches the ground shut off the throttle immediately to prevent it from bouncing around on the ground and tipping over.
- Your helicopter has a range of up to 30 feet. Sources of electrical interference such as electrical wires in walls, lights, and other equipment may reduce effective control.
- During your first few flights, try to keep the helicopter close to the ground so that you can safely stop the throttle and land it quickly (and without damage) if you become disoriented.

11. TROUBLE SHOOTING GUIDE

PROBLEM	CAUSE	SOLUTION
No power to Controller.	1. Power switch is set to OFF.	1. Set switch to ON.
	2. Controller battery is dead.	2. Install new battery.
No Control.	1. Controller is not ON.	1. Set Controller switch to ON.
	2. Controller's antenna is not screwed in place and/or is not fully extended.	2. Ensure that the long, silver antenna is screwed into the controller and is fully extended.
	3. Wind is too strong.	3. DO NOT FLY OUTDOORS.
Helicopter is not flying high enough.	1. Rotor speed is too slow.	1. Increase throttle to make the helicopter go higher.
	2. Helicopter is not fully charged.	2. Fully charge your helicopter (see "CHARGING YOUR HELICOPTER").
Helicopter lands too quickly.	1. You are easing off the throttle too quickly.	1. Ease off the throttle SLOWLY for gradual, gentle landings.
Helicopter goes off course.	1. Operator inexperience.	1. Adjust the steering and the throttle controls simultaneously to maximize helicopter directional control.

12. BATTERY CARE INFORMATION

CAUTION: YOUR HELICOPTER IS INSTALLED WITH NICKEL METAL HYDRIDE (NIMH) BATTERY. DO NOT ATTEMPT TO DISASSEMBLE. IT MAY BE ILLEGAL TO DISPOSE OF THE BATTERY IN YOUR MUNICIPAL WASTE.

- 1) The Helicopter includes one non-replaceable NIMH battery.
- 2) Do not attempt to replace the helicopter battery.
- 3) Never allow the battery pack to become hot during charging - this will cause permanent irreversible damage. Warm is ok - hot is not!
- 4) Never leave a battery unattended while it is being charged.
- 5) Do not charge battery in the presence of small children.
- 6) Never recharge a hot battery. Always allow it to cool before charging.
- 7) Use only the AC charger supplied with this toy. Do not attempt to charge the helicopter with any other charger unit.
- 8) If the battery is fully discharged the charge time may be longer than the normal charge time.
- 9) Rechargeable batteries are only to be charged under adult supervision.
- 10) Do not short-circuit the battery terminals.

WARNING: ONLY USE CHARGER SUPPLIED WITH THE HELICOPTER. DO NOT USE ANY OTHER SOURCE TO CHARGE THE HELICOPTER.

13. FCC REQUIREMENTS

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. 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 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.

14. CUSTOMER CARE

Rotor Blades may be repaired with transparent tape. If your rotor blades are too damaged to fly, you can order replacement blades.

FOR REPLACEMENT PARTS OR
PROBLEMS WITH YOUR MICROFLIGHT
CALL US AT 1-800-359-6088

(MON-FRI 9:30 - 5:00 MST)

DO NOT RETURN TO STORE

FOR FAQ AND TIPS PLEASE VISIT US AT:
WWW.DYNATECHACTION.COM

WARNING: IF ROTOR(S) BECOME DAMAGED OR BROKEN, DO NOT FLY. FLYING WITH BROKEN ROTOR(S) MAY CAUSE DAMAGE OR LEAD TO INJURY.

Manufactured for and distributed by Dynatech Action Inc., 4630 61 St., Red Deer, AB, T4N 2R2.
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