

**TAIYORIC** 9.6V  
Japan



# OWNER'S MANUAL

PLEASE READ THOROUGHLY BEFORE OPERATING YOUR VEHICLE

## 9.6V

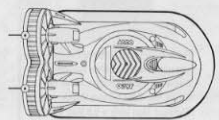
### New Hovercraft

MODEL NO. 2703-27 (Blue)  
MODEL NO. 2703-49 (White)

### FEATURES

- 2 channels - 4 functions
- Available in frequencies 27 MHz and 49 MHz
- 1/4 Scale
- Range up to 60 feet

### CONTENTS

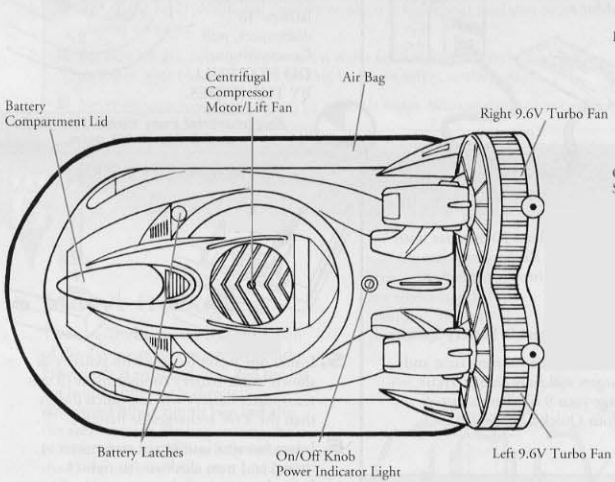


(1) 9.6V New Hovercraft

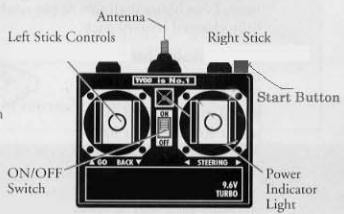


(1) Transmitter

### HOVERCRAFT TOP VIEW



### TRANSMITTER



Refer to label on transmitter and vehicle for frequency.  
Do not race vehicles with the same frequency.

**STEP 1**

## BATTERY CHARGING/CARE

(BATTERIES AND CHARGER NOT INCLUDED)

Your vehicle will not operate without the 9.6 Volt rechargeable NiCd battery pack and 9.6 Volt charger. (STK. 2997)

- This economical rechargeable system is the battery pack and charger made to power your Tyco® R/C 9.6V Turbo vehicle.
- Inferior quality battery packs will shorten running time and may void the warranty.
- Rechargeable up to 1000 times.

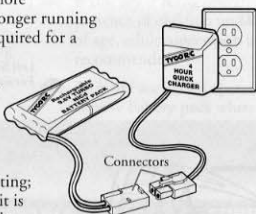
1. Plug wall pack charger into standard 110/120 volt wall outlet.
2. Connect the wires leading from the battery pack to the wall pack charger connector. Make certain the two connectors are tightly snapped together.
3. To disconnect wires, push down on the connector clip and pull apart.
4. After charging for 4 hours, the battery pack will feel warm. This condition is normal for fully charged batteries.
5. New battery packs must be charged for 5½ hours the first two times charged. Subsequent charges will only require 4 hours.
6. Charging the battery pack for more than 4 hours will not give you longer running time. Four hours is all that is required for a fully charged battery pack.
7. Unlike alkaline batteries, where the power loss is gradual, a NiCd (nickel cadmium) battery will loose all of its power at once. Your R/C vehicle will suddenly stop operating; the vehicle is not defective, but it is time to recharge the battery pack. Running time will be between 7-10 minutes.
8. After use, the battery pack will be hot! Wait at least 20 minutes until the battery pack cools down before recharging. Recharging a hot battery pack will greatly reduce the number of times your battery pack can be recharged.



NiCd Battery Pack and 6 Volt Charger (Stock No. 2997)



Have additional Battery Packs charged ahead of time for longer non-stop racing action. Uses the Stock No. 2997 4-Hour Quick Charger. Use only a 9.6 Volt Charger.



Connectors

### Caution: Use only Tyco® R/C 9.6V Rechargeable Battery System

Inferior quality battery packs will shorten the vehicle's running time and may void the warranty. Not all battery chargers will fully charge Tyco's 9.6V Turbo battery pack. To properly charge your 9.6V Turbo battery pack, use No. 2997 Tyco 9.6V Turbo 4-Hour Quick Charger.

**STEP 2**

## BATTERY INSTALLATION (AND REMOVAL)

Battery Pack must be charged for 4 hours.

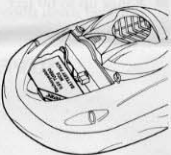
1. Turn battery lid latches and remove lid as shown.



2. Carefully insert Battery Pack into compartment as shown. MAKE SURE BATTERY PACK LABEL IS SHOWING, AS IS IN THE PICTURE.



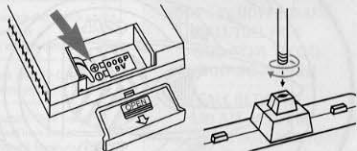
3. Insert Battery Pack connector into the Battery Compartment socket. Replace lid and secure with the latches. To disconnect, pull Connector out. DO NOT PULL BY THE WIRES.



7-10 min

Estimated run time for this vehicle: 7-10 min.

## TRANSMITTER



5. Install one 9 volt battery with polarity as shown inside battery compartment (9 volt transmitter battery will last much longer than the 9.6V rechargeable battery).
6. Insert antenna into top of transmitter as shown and turn clockwise to tighten. Extend antenna all the way up. Use fingers to lower antenna.



This vehicle uses a "Nickel-cadmium rechargeable battery pack. Must be recycled or disposed of properly." **Notice:** If you have any questions about proper disposal of Nickel-Cadmium batteries, contact your local county office of solid waste management or other appropriate county office for information.

## DRIVING YOUR New HOVERCRAFT™

NEUTRAL



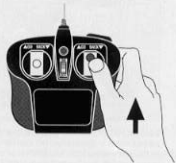
FORWARD



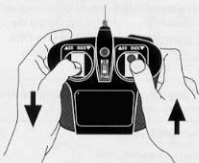
REVERSE



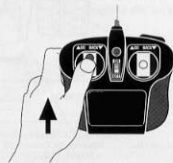
SLOW LEFT TURN



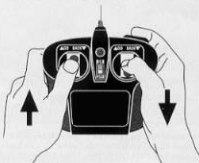
360°S LEFT



SLOW RIGHT TURN



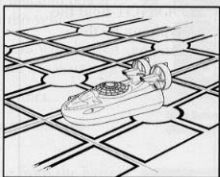
360°S RIGHT



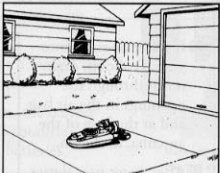
## DO'S

## FOR BEST PERFORMANCE, OPERATE TYPHOON ON A SMOOTH, FLAT SURFACE.

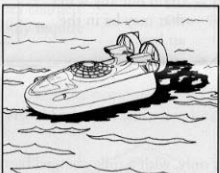
- Hard floors, cement floors, and vinyl or linoleum floors are recommended for indoor use.



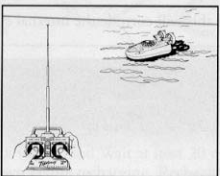
- Concrete or asphalt sidewalks, driveways, parking lots and playgrounds are recommended for outdoor use.



- Calm water such as pools or shallow ponds are recommended for good water operation.



- The transmitter has a range of 60 ft. If exceeded, the transmitter signal will become weak and the Typhoon will not operate properly.



- Hold the transmitter with the antenna pointed up, not pointed at the Typhoon.



- If the Typhoon goes out-of-range, hold the transmitter up as high as possible, which may increase the range of transmission.

## DON'TS

## TO FUNCTION PROPERLY, DO NOT OPERATE THE TYPHOON ON ROUGH TERRAIN.

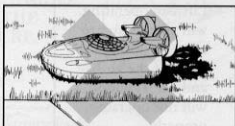
- Do not operate on rough or broken asphalt.



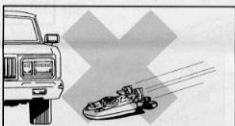
- Do not operate on a carpeted surface.



- Do not operate on grass, pebbles or rocks.



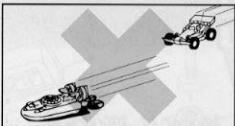
- Do not operate your Typhoon on the streets. This area is for real cars, NOT toys.



- On water, do not operate the Typhoon when battery is low on power. When fully charged, battery life is ONLY 7-10 minutes.



- Do not operate the Typhoon with other vehicles of the same frequency. This will cause radio interference.



## ALSO IMPORTANT

- The Typhoon will not operate on a hill or up an incline.
- Adult supervision is recommended when operating on or near water.
- Avoid waterways with strong currents or turbulence.
- Do not use on salt water or on a sandy beach.
- Radio interference can be caused by high voltage wires, steel reinforced buildings and trucks with CB radios. Avoid these areas if possible.

## WATER OPERATION

**IMPORTANT:**

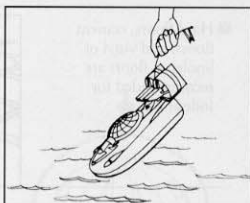
Time your water usage so you can recover the Typhoon before the battery pack runs down and needs recharging.

**CAUTION: ADULT SUPERVISION IS RECOMMENDED WHEN OPERATING ON OR NEAR WATER.**

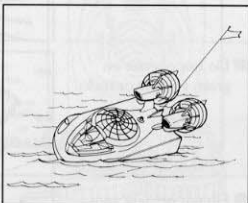
- Turn the transmitter "on" and then turn the Typhoon "on" and hold as shown while carefully placing on water. Make sure air bag is fully inflated prior to putting in the water.



- DO NOT hold the Typhoon by the antenna.



- Placing the Typhoon on water without the Lift Fan operating, will allow water to enter in through the holes of the air bag and the Typhoon will not operate properly.



- If water does get into your Typhoon, drain it out through the openings in the air bag and at the base of the antenna, as shown.
- After water use, always drain out any water that may be in the air bag.

**IMPORTANT:**

- Although the Typhoon will float on water, it is not a boat, and you must have the Hovercraft switched "on" before placing on water.
- For best results, run the Typhoon on water for five minutes only, with a fully charged battery pack. This way, you will be sure that your Hovercraft will be able to return safely, under power.
- Never operate your Typhoon on or near salt water, because this will corrode the internal electrical connections.

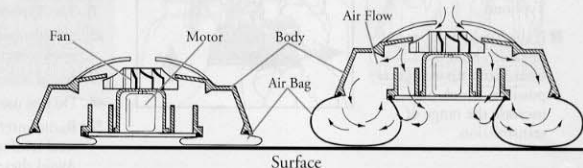
## New HOVERCRAFT™

## LIFT FAN

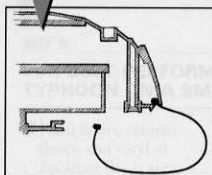
**How it Works**

The diagram shows the basic function of the Typhoon Hovercraft. When the Hovercraft is switched "on" and the lift fan is operating, air is directed downward filling the air bag and also the area between the bag causing the Hovercraft to lift. When fully inflated, the Hovercraft will ride on a cushion of air.

Flat smooth surfaces are recommended to maintain an even flow of air.



## AIR BAG CARE



If by accident the air bag becomes loose from the body, simply push the edge back into the slot. Using a small coin may help. If the overall performance and function is hampered by severe tears or cuts, replacement is necessary.

Do not use any sharp edged tools, such as screwdrivers, knives, pencil points, etc., which may tear the air bag.

Replacement air bags are available through Tyco Customer Service only, not available at toy or hobby stores. Enclose check or money order (no stamps) for the total amount. Be sure to include name, address and zip code. Make checks payable to Tyco Customer Service. **Mail to: Tyco Customer Service, 8585 SW Hall Blvd., Beaverton, OR 97008-6408, Attn: Typhoon III Air Bag**

## Typhoon III Air Bag

	Qty.	Total	Name
Replacement Bag	\$4.00 ea.		Address
Postage & Handling		\$1.50	City
N.J. Residents Add 7% Sales Tax			State
	Total		Zip

## SAFETY PRECAUTIONS

Parents, this toy is recommended for children 5 years of age and older. To ensure that your child's play is both safe and fun, please review the operating instructions and these general safety rules with your child.

## Caution:

- DO NOT pick up vehicle while in motion.
- Keep fingers, hair and loose clothing away from the fans while the product is switched "ON".
- If this toy is being operated in the presence of children under 5 years of age, adult supervision is recommended.
- To avoid accidental operation, remove battery pack when not in use.

## QUICK REFERENCE

- Give your 9.6V Turbo Battery Pack a full 4-hour charge and then install in vehicle.
- Choose a site away from power lines, tall buildings and highways to minimize interference with your radio control vehicle.
- Make sure no other nearby R/C vehicle is operating on your frequency.
- Turn transmitter "ON". Transmitter Power Indicator light should be bright.
- Turn vehicle "ON".
- Keep your vehicle within 60 feet from you.
- After approximately 10 minutes of running, your vehicle will show a noticeable decrease in power. This battery is near total power loss and needs to be recharged.
- Turn vehicle and transmitter "off".
- Wait at least 20 minutes until battery pack cools down before recharging.

## TROUBLESHOOTING

## PROBLEM? - SOLUTIONS

SYMPTOM	PROBABLE CAUSE	CORRECTION
Vehicle runs slowly or will not run.	<ul style="list-style-type: none"> <li>Loose battery connection or switch not ON.</li> <li>Weak or uncharged 9.6 volt battery.</li> <li>Weak 9 volt controller battery.</li> </ul>	<ul style="list-style-type: none"> <li>Check battery connector and vehicle switch.</li> <li>Charge battery or replace.</li> <li>Replace with fresh alkaline battery.</li> </ul>
Erratic operation or only short range possible.	<ul style="list-style-type: none"> <li>Radio interference likely.</li> </ul>	<ul style="list-style-type: none"> <li>Change location (see point 5 - Operating Your Typhoon Hovercraft).</li> </ul>
Short battery life.	<ul style="list-style-type: none"> <li>Battery not fully charged.</li> </ul>	<ul style="list-style-type: none"> <li>Recharge vehicle battery. Once completely drained the battery will have longer life with each recharging. About 7-10 minutes of life is typical with this type of radio controlled vehicle.</li> </ul>
Vehicle doesn't work after going through water or snow.	<ul style="list-style-type: none"> <li>Water in the electronics area.</li> </ul>	<ul style="list-style-type: none"> <li>Vehicle will take several hours to dry. Allow to dry overnight before trying again.</li> </ul>

Caution: FCC Regulations state that changes or modifications to this product not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.