



The ABCRI Box Car Track Is Being Renamed **RACE WORLD HAWAII**

## RC FAMILY PROGRAM

**INTERESTED IN RC FAMILY ACTIVITIES?** Radio Controlled (RC) model car activities offer a wide range of healthy, educational and fun family involvement. The equipment has become increasingly complex over the years and is not inexpensive. In our effort to promote family racing we have expanded our box car facility to include a three track complex for electric, on-road model touring cars, from 1/10 to 1/18 scale, plus a rock-crawler area. In the near future we plan to offer family RC workshops and a racing program with classes for beginners and experienced drivers. We offer the following information to help you make an informed choice about how best to become involved in RC activities.

**RENT FIRST** – You can rent one of our entry levels RC Touring Cars at the track, including the Tamiya TB-02, for \$12 / hour to get a feel for driving RC Cars...or just to have fun!

**WHICH TYPE OF CAR?** The basic question is electric or gas (nitro). Gas RC cars can go very fast, are usually expensive to buy and maintain and are relatively noisy. Electric RC cars range from moderate to fast, can be relatively inexpensive to buy and maintain and are very quiet. Whichever type of RC car your family buys, you will need to learn to operate it safely and maintain it. The information here will focus on electric cars, which is what we can run at our facility.

**RTR OR ROLLER + ELECTRONICS?** Ready-to-run (RTR) means the box you buy contains both an RC car with a factory painted body and radio/electronics package which is ready to run once the battery is charged (usually 4 hours). Then your learning begins. Screws will need to be tightened. Your suspension (if possible) will need to be set-up. Your radio will need to be dialed-in. How are your tires gripping? The adventure is under way! A ROLLER (also called a rolling chassis) is a car which comes complete except for the electronics package (radio, receiver, servo and electronic speed controller “esc”). The better cars only are available as rollers. **WE RECOMMEND BUYING A ROLLER AND YOUR ELECTRONICS SEPARATELY.** A roller may come with a painted body, an unpainted body or no body.

**WHAT TYPE OF RADIO?** The radio is what a driver holds and uses to control the car. Radios are also called transmitters and/or controllers. To avoid confusion, keep in mind that RC cars also have an electronic speed controller (esc) attached to their chassis. Learn about radios before you buy. Our recommendation is that spending a little more up front on a programmable radio will give you a better learning experience and save money in the long run. If you plan to run at **Race World Hawaii**, your frequency and channel will need to not conflict with others. **ALMOST ALL RTR CARS RUN ON ONE OF ONLY 6 CHANNELS ON 27 MHz.** This means that only 6 RTR drivers can be at **Race World Hawaii** at one time. 75 MHz offer 30 channels, which requires changing crystal sets. 2.4 GHz offers 80 channels and needs no extra crystals. Talk to BC or Randy at the track about radios.

**WHERE CAN I RUN MY RC CAR SAFELY?** Until recently your choice was driveways, backyards, parking lots and organized dirt tracks on Oahu. With the opening of **Race World Hawaii** you now can choose to run your electric RC cars at our complex of purpose built, on-road (asphalt) tracks. Driving RC cars on a purpose built RC track and under the sanctioning of a local organization is normally a safer and more rewarding experience than parking lots, etc.



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**HOW MUCH SHOULD I PLAN TO SPEND?** For a beginner level hobby grade RC experience (fun & educational), plan to spend from \$400 to \$500 to get started. Some enthusiasts spend much more. Buying a \$50+ car from a big box retailer will only give you a little bit of fun at home. These cars cannot be run successfully at RC tracks and are not repairable.

**WHERE TO BUY RC STUFF?** *Race World Hawaii* has an entry level RC car (the Tamiya TB-02) available for purchase or rent. The Tamiya TB-02 is very well designed, built, and manufactured. It has exceptional performance for an entry level car and is fully adjustable and repairable. We carry replacement stock parts for this car. You will need to buy your radio and some accessories separately. Other entry level RC cars, radios and accessories, are available from local hobby stores and online.

## RECOMMENDED RC ENTRY LEVEL ACQUISITIONS

### FROM RACE WORLD HAWAII

- RC CAR -- Tamiya TB-02 Unassembled Kit (rolling chassis with motor and clear body) \$ 125.00
- RC CAR -- Tamiya TB-02 Assembled Kit (rolling chassis with motor and clear body) \$ 150.00 \*
- TIRES – Set of 4 tires & wheels, not glued (when your tires wear out) \$ 20.00

### FROM LOCAL HOBBY STORES OR ONLINE

- RADIO & ELECTRONICS –  
Futaba Magnum 2 PL 75 MHz AM with receiver, servo & esc about \$ 120.00 \*
- 2 BATTERIES – 1800 mAh or higher NiCad or NiMh 7.2V battery about \$ 40.00 \*
- CHARGER – AC/DC peak charger about \$ 50.00 \*
- PAINT & SUPPLIES– Specially designed for Lexan RC bodies about \$ 25.00 \*
- UNPAINTED RC BODY– Specially designed Lexan RC bodies about \$ 25.00

### FROM DISCOUNT STORE

- CARRY ALL / BAG / TOTE - to get all your RC stuff to the track about \$ 50.00 \*

\* items above = about \$ 435.00



Road Course / Drift Track At  
**Race World Hawaii**