

ROAR Dirt Oval Nats



NORRCA Paved Ro
Course Nats

DRAGIN' ON A BUDGET

Turbo Inferno

Inferno 10

Introducing two new ways to get world champion Inferno performance



Perhaps you already know that the Kyosho 1/8 scale, gas-powered Inferno off-road buggy has won such races as the 1992 IFMAR Worlds, the 1992 3rd Annual Gas Off-Road World Challenge, the 1992 and 1993 Kyosho/Car Action Southeast Gas Off-Road Challenges and was named *R/C Car Action's* 1993 Car of the Year. What you may not know is that the Inferno has spawned a whole line of champion performers to meet every racing need.

New 1/8 Scale Turbo Inferno.

Kyosho's World Champion just got even better. The new Turbo version not only includes all the built-in hop-ups

Get \$150 worth of improvements and additional features at no extra cost with the new Turbo Inferno:

- O-ring sealed differentials
- New Teflon™-coated shocks
- Mousetrap spring fuel tank lid
- Molded nylon wing
- Clutch bell
- Front stabilizer bar
- New tires
- New wheels
- Blue anodized chassis

that made the Inferno a champion right out of the box, but adds \$150 worth of add-ons and improvements at no additional cost.

New 1/10 Scale Inferno 10. More affordable and easier to assemble

than 1/8 scale, this Inferno offers many of the same design features as the original world champion. The Inferno 10 is available with or without an O.S. .12 CZ-R engine that includes a tuned exhaust system and can be run on any 1/10 scale track.

1/8 Scale Inferno DX. An economical way to enter the world of 1/8 scale gas racing, the DX delivers more standard competitive features than higher-priced cars, with more potential and lower add-on costs down the road.

1/8 Scale Inferno ST. If the mud-slinging action of stadium truck racing is what revs your engine, this one's the biggest and baddest of 'em all. It offers the same basic layout and many of the same features as the affordable DX.

Whatever style you prefer, get the name that means champion in gas off-roading ...Kyosho Inferno.



Kyosho brings world champion performance to 1/10 scale with the Inferno 10.

For a free brochure and the location of the dealer nearest you, please call 1-800-682-8948, ext. 102P.

KYOSHO
THE FINEST RADIO CONTROL MODELS

Distributed
Exclusively
Through

GREAT PLANES
GREAT PLANES MODEL DISTRIBUTORS COMPANY
P.O. BOX 9021, CHAMPAIGN, IL 61826-9021

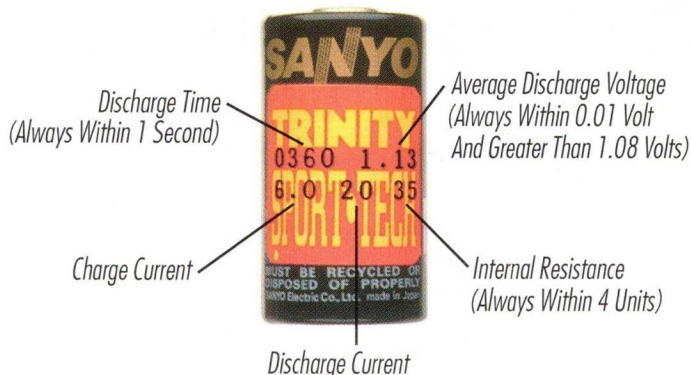
EX•TECH - THE WORLD'S BEST.

As an R/C driver you know that even with the right car, motor, tires, radio and driving abilities, without the very best batteries, you might as well go home. At Trinity, we know how important batteries are and that is why we put together the world's best technicians and testing equipment to deliver the finest, most reliable and best matched batteries in the world. Why are only the world's best batteries called EX•Tech? Read on.

Here's How An EX•Tech Cell Is Created.

Each cell is first put through our unique "pre-staging" process. The good cells then go into our "Three Tier" testing system. This process begins slowly at the 20 amp level, allowing us to condition the cells and begin to determine the optimal performance range for each cell. When a cell's performance exceeds the SportTech range, it moves onto the RaceTech test bench. The cells that exceed RaceTech specs are tested at the WorldTech bench. Up to now, only our proprietary equipment and processes have been used to test and condition each cell. For the final test in our exhaustive process, we use "Competition Electronics" dischargers for precise pack matching and cell labeling. Only now can a battery be labeled EX•Tech.

What The Numbers Mean.



All EX•Tech cells are tested and conditioned several times to reveal the cell's true performance characteristics. Trinity is the only manufacturer that uses a testing process this time-consuming, exhaustive and precise for an entire line of batteries.

What Goes Into Every Pack.



All Trinity EX•Tech Performance Packs are built to the same uncompromising standards as our individual cells. Pure Nickel tabs are dual welded to each cell, and heavy gauge silicone leads deliver the lowest possible resistance. A battery tube and heavy-duty shrink film protect the cells. You just can't buy a better stick pack anywhere!

How It All Comes Together.



EX•Tech SportTech, RaceTech and WorldTech cells and SportTech stick packs are available with Sanyo or new Panasonic 1800 Z cells. And, our new battery boxes are a great way to transport and store your batteries.

Now you know why you should be running EX•Tech, the world's best batteries. For an in-depth explanation of our intricate, multi-tier battery testing and matching process, as well as a complete list of all of the available batteries, accessories and racing products, call or write for The Trinity Racers Catalog. It's only \$3 and it's full of items that can help make you a winner!

TRINITY®

1901 E. Linden Avenue, #8, Linden, NJ 07036 ■ 908.862.1705 ■ Fax 908.862.6875



THE TEAM IS WORLDS AHEAD. AS USUAL.

RC10

WORLD'S CAR

When the top offroad cars and drivers met for the fifth time in history, one thing has stayed pretty much the same. Our RC10 picked up the World Championship for the fourth time. While this story may be getting old to our competition, the RC10 itself is actually getting younger.

Because we continue to develop and race our cars, this latest win incorporates so many refinements that it created a fourth generation RC10, the World's Car. The Team treatment starts with a factory milled 2024-T6 alloy chassis. Likewise the suspension arms are strictly Team spec, molded from the latest lighter, stiffer and stronger composites. Expanded range

graphite/glass shock struts and Teflon-piston, hard coated shocks are other Team goodies to give the World's Car that World's Class high speed handling. Team Issue ProLine XTR compound tires, complete with foam inserts, provide excellent grip on all types of offroad surfaces. New 3-piece front and 2.175" rear screaming neon yellow wheels,



© ASSOCIATED ELECTRICS, INC.

RC10 WORLD'S CAR RESULTS

Basilidon, England IFMAR World Championships
Winner

1st, 3rd, 4th, 5th, 7th, 8th, & 10th

1994 Reedy Race of Champions

Winner, 2WD Invitational Class

1st, 3rd, 5th, 6th, 7th, 8th, 9th, & 10th

1994 Florida Winter Champs

Winner, 2WD Modified

1st, 2nd, 3rd, 4th, 5th, 6th, 7th, & 8th

precision steering bellcrank, Stealth ATC transmission and alloy fasteners are a few more of the extras that make the World's Car one special RC10.

If you're looking for the latest specification, most race and World Championship-proven RC offroad car in history, the RC10 World's Car is your kind of ride.



Body in kit is clear. Radio, batteries, motor, & ESC are required, but ARE NOT INCLUDED.

ASSOCIATED ELECTRICS, INC.

3585 Cadillac Ave
Costa Mesa, CA 92626



COMPETITION



PLUS.

DEPARTMENTS

6 MAILBOX

Letters to the Editor

8 FINISH THE LAP YOU'RE ON

Editorial Comments

10 PIT BOARD

Late Breaking News

58 RACING SCHEDULE

Race Locations From Around The Country

65 FOR THE RACER

New Products In The Marketplace

COLUMNS

34 NORRCA

ABOUT THE COVER

This month's cover features the LightZ Rail with a Protoform Top Fuel One Body.

FEATURES

Page 14
DRAGIN' ON A
BUDGET

Page 22
THE 1994 ROAR
DIRT OVAL NATIONALS

Page 36
CHICAGO HOBBY &
MODEL SHOW 1994

Page 38
GETTING STARTED
PART IV

Page 50
1994 NORRCA
ROAD COURSE
NATIONAL
CHAMPIONSHIPS

CP's Mailbox

Competition Plus is a magazine dedicated to racing and racers. From time to time, you may need an open forum to express your ideas or thoughts on racing or a racing subject. This section is for you the racers! Write to: Mailbox, Competition Plus, 23182 Alcalde, Suite K, Laguna Hills, CA 92653 or Fax (714) 830-5108. We'll be waiting for your opinions!

NORRCA CHANGES!

Dear Competition Plus:

I read the NORRCA column in the December issue of Competition Plus, and I feel that NORRCA is moving in the right direction. I totally agree that the cars are going too fast and that speed is costing the racers a lot of money.

I have already decided to give R/C car racing another year and if changes are not made to keep me competitive without the high cost, I will be another long-gone racer.

Manufacturers and hobby shop owners, please listen to what the racers want and starting cutting costs, whenever possible!

Sincerely,

Richard Costa

Editor's Note:

Dear Richard:

The staff here at Competition Plus totally agrees with you. Hopefully the proposals that J. R. at NORRCA proposed will pass. Check out the results in this month's issue under the NORRCA Column. However, we do not agree with your giving it one more year!

Hang in there we are very con-

fident things will change and quickly.

MORE ON THE SUBJECT!

Dear Competition Plus:

I agree we must eliminate capped or silicone tires in oval. As J. R. Sitman said in his column, the racer can't afford the expense!

Three cheers for J.R.! Finally someone has the guts to speak out and start moving in the right direction. The racers need help to keep costs down and this is a great start!

Keep up the good work and have fun racing!

Thanks,

Phillip Crawley

Editor's Note:

We received many letters such as these stating their enthusiasm for race proposals cutting costs for the racer.

ROAR SPEC CLASS

Dear Competition Plus:

How soon do you think we will see a ROAR spec class implemented?

I just started racing and a spec

class would be ideal for racers like myself, who don't have the experience to race in Stock yet.

Sincerely,

Jack Pittson

Dear Jack,

I know that ROAR will be tackling the subject in 1995.

For the time being there are a few companies out there that have started spec classes on their own. Kyosho, Trinity and Tamiya, all have series using a form of a spec class.

I believe these companies have taken a step in the right direction and should be commended for their efforts.

We are also running a series of articles on club racing and the limits on equipment you can use to run.

**SEND US
YOUR
OPINIONS!**

The Road To Choosing An R/C Car Magazine

Lesson: 1

Which of the following sentences
will not appear in
Competition Plus.

*"The bitch'n, rad, tubular, neon pink and green, outrageous,
mind-blowing, narly, totally awesome . . ."*

or

*"The lowered internal resistance, plus chemical changes resulting
from the discharge conditioning process, allow me . . ."*

Answer: Obvious

Subscribe to
Competition Plus
23182 Alcalde, Suite K
Laguna Hills, CA 92653
(714) 830-2290 - Visa or Mastercard Accepted

COMPETITION PLUS

23182-K Alcalde
Laguna Hills, CA 92653
(714) 830-2290
FAX: (714) 830-5108

If you would like to carry Competition Plus in your retail store call (800) 558-1544. Except Wisconsin and Canada, then call collect at (414) 796-8776. Dealer inquires only.

PUBLISHER
Cory Barana

EDITOR
Peter Barana

ADVERTISING
Samantha Ryan
Monica Cole

CONTRIBUTING EDITORS

Bob Crane
Kent Heiden
Rick "The Hammer" Houle
Bill McCall
Jeff Pack
Jeff Palmer
Erik Soderquist
Jack Wright

Competition Plus (ISSN 1064-055X) welcomes unsolicited manuscripts and photos, but cannot be held responsible for return. However publisher reserves the right to condense, add and edit all copy submitted according to available space and editorial style. The act of mailing material shall constitute an expressed warranty by the contributor that the material is original and in no way an infringement upon the rights of others.

Entire contents copyrighted, 1993 by Barana Publishing Company. All rights reserved. Reproduction in all or part without written permission is strictly prohibited.

Competition Plus allows its columnists the fullest expression in discussing controversial subjects, so its readers will be better informed. The views expressed may not necessarily agree with those of the magazine.

SUBSCRIBE TO COMPETITION PLUS: \$26.00 per year - \$36.00 per year first class and Canada; Foreign subscriptions - \$39.00 USD per year surface - \$68.00 USD per year air mail. Send check to COMPETITION PLUS, 23182-K Alcalde, Laguna Hills, California 92653. Send name and address including zip code with accompanying check, money order, Visa or MasterCard.

Finish The Lap You're On!

By Peter Barana

Over the past few months we've been talking a great deal about spec classes in our race programs. The responses from our readers have been very favorable, and to be honest if they had their way of things spec class racing would be a reality tomorrow. Manufacturers, on the other hand, have greeted our suggestions with only modest approval.

Some companies, like Trinity which we talked about last month, definitely see the need for spec racing. Let's face it, the cost of staying competitive in many of our scales continues to rise, making our sport less affordable to the average hobbyist. Other companies, seem to feel that a spec class would possibly eliminate their products from a spec list, thus costing them sales. This is a legitimate concern. After all, if everything is legal in a spec class then what you've got is the same situation that we have now. One way to bridge the gap between a true spec class where only certain products are legal and a descent compromise is to look strongly at how NORRCA is running the tire rule in their Sportsman class. J.R. Sitman will go into detail on their plan in their NORRCA column in this issue (page 34-35), but to sum it up quickly, every tire is legal, but a racer can only run a couple of sets which must be teched prior to a race. Brilliant! With the cost of R/C tires approaching a set of full size passenger car tires some ruling to get costs under control is long overdue.

Peter Barana

The Road to Victory is



Subscribe today and travel this road for a low toll that is more than 35% off the cover price!

COMPETITION PLUS

23182 Alcalde Dr., Ste. K, Laguna Hills, CA 92653, (714) 830-2290

☐ \$26.00 One Year ☐ \$48.00 2 Years ☐ \$68.00 3 Years

Name _____

Address _____

City, State _____ Zip _____

Check _____ Visa _____ Mastercard _____ Amount\$ _____

Credit Card# _____ Exp. _____

Signature _____

For First Class add \$15 per year - For Overseas Airmail the rate is \$68 per year - For Canadian Airmail and Overseas Surface the rate is \$39 per year

PIT BOARD

STREET SPEC RULE BOOKS

Street Spec rule books are now printed and should be available through your local hobby shop. These rules are available to any hobby shop through the following R/C distributors:

Horizon, all 3 branches

Great Planes

Global Distributing/Hobby Shack

**Radio Control Speciality Distributing/Sheldons
Dealerworks/Trinity**

The Street Spec rules cover the concept of Street Spec as well as car, motor, tire and battery rules. There are tips for running Street Spec races as well as how to use street spec to increase interest in RC cars.

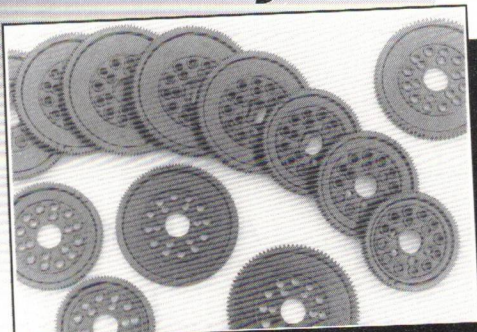
Also available from Trinity Products is a set of OEM manufacturers rules for any companies wishing to make a car, tires, or body, etc. for Street Spec racing.

Proven To Be Winners

Peak Performance leads the explosion of this exciting and affordable RC form. Peak's new TOURING CAR MODIFIED MOTOR, PP-108, 15 double, was barely off the production line when, on its first trial in competition, it dominated at the 1994 NORRCA Paved Road Course National Championships, occupying 3 of the 10 A Main positions, including the top 7 qualifiers. Powered by TEAM ORION 1400SCR batteries, Greg Hodapp TQ'd and finished first in the TOURING CAR Class, adding a growing list of titles to his repertoire.

Peak's newest addition to the team, Tyree Philips, with the essential support of TEAM ORION 1400SCR Matched Sanyos also returned home from Vegas a winner, with a TQ and 1st place finish in FORMULA 1 Class. Peak Performance welcomes Tyree to the team, and feels fortunate to have this fine racer, as well as fine person, represent Peak.

Industry Standards for over a Decade...



Kimrough Products' 48 and 64-pitch precision-molded spur gears are made of super-strong 4-6 Nylon, and set the standards for concentricity and strength. Because of their precision and concentricity, we don't have to thin and weaken our gears to get less drag... which means more power put to the track!

64-Pitch Precision Differential Gears
with or without Diff Balls installed, Sizes 88, 96,
100, 104, 108, 112, 116, 120, 124, and 128

48-Pitch Precision Differential Gears
with or without Diff Balls installed, Sizes
96, 93, 90, 87, 84, 81, 78, 75, and 72.

KIMROUGH Products
The Widest Selection of Spur Gears Available!

1322 Bell Ave., Unit 1-C • Tustin, CA 92680 • FAX: (714) 258-7426

PIT BOARD

ORION BATTERIES DO IT IN CLEVELAND

Six out of ten drivers in the Modified A Main used Orion Panasonic matched cells at the U.S. Indoor Championships.

Orion, following their win at the 1/12 IFMAR World Championships, was the battery of choice for Jon Orr's race-winning Reedy powered RC10LS. Also using Orion batteries for the A Main were: Josh Cyrul, Kevin Jelich, Frank Calandra, Mike Lufaso and Andy Griffiths.

RACER	BATTERY/CAR/MOTOR
-------	-------------------

John Orr	ORION/Associated/Reedy
Frank Calandra	ORION/Associated/Reedy
Mike Lufaso	ORION/Associated/Reedy
Josh Cyrul	ORION/Associated/Reedy
Andy Griffiths	ORION/Associated/Reedy
Kevin Jelich	ORION/Associated/Reedy

Reedy Wins In Cleveland!

Reedy Modifieds not only supplied the race-winning power for Jon Orr's Associated RC12LS car at the 1994 Cleveland U.S. Indoor Championship, but also supplied the power for five of the ten Modified Class A finalists.

Reedy Motors, based on race-winning technology, capped off 1994 with on-road wins including the 1/12 ROAR National Championship, 1/12 NORRCA National Championship, IFMAR 1/10 World Championship and the U.S. Indoor Championship.

One Versatile Driver !

Tekin driver Gregg Hodapp, normally known as a top off-road driver, picked up a National title in the Touring Car class of the recent NORRCA On-Road Nationals. "The cars are a lot of fun, and handle real well.", said Gregg. Another win for Gregg came at the Peak Performance Gran Prix early in December, when he took First Place in the Modified Truck class. Gregg uses Tekin's newest G-12 speed control and BC112A charger.

CENTRAL FLORIDA HOBBIES - RADIO CONTROL SPECIALISTS -

(OVER 40 YEARS MODELING EXPERIENCE)

- CARS - R.O.A.R. OFF ROAD CHAMPIONS
- AIRPLANES - HELICOPTERS
- BOATS
- COMPLETE LINE OF MODEL SUPPLIES

DISCOUNT
PRICES



(407) 295-9256
Fax # (407) 578-5420
Order # (800) 393-9256



5600 W. COLONIAL DR (HWY 50)
COLONIAL CORNERS • CORNER OF COLONIAL & KIRKMAN

PIT BOARD

ROAD RUNNER'S SPEEDWORKS SPEEDWAY SHOOT OUT!

Road Runner Raceway in Bloomsburg, PA was the host for the latest event in the Speedworks Speedway Series. Owned by the Warhurst and Blosser families, Road Runner is one of the newest indoor superspeedway facilities to open on the East coast this year. Road Runner boasts a 104' x 44' banked carpet oval set-up with 12' wide turns. The track is very smooth and high traction. There are pit areas for 125 racers all powered with AC, plus there is air conditioning for racing in the Summer-time.

Team Trinity's Rick Haentjens was the star of 1/10th pan qualifying as he took the TQ honors in both the Stock and Modified classes. Rick broke the track record in Modified turning 51 laps in 4:02.30.

Jason Lauer was TQ in 1/12th Stock Pan setting a new track record of 57 laps in 5:04.19.

John Baker was the TQ in 2WD gearbox while Kevin Keys was TQ

in the Bolink Legends class.

Brad Warhurst once again showed he is the "Joel Johnson" of Road Runner by winning all 4 qualifying rounds and setting his Team Losi conversion on the pole for the Stock Truck class.

Brad continued his winning ways in the Stock Truck "A" main as he lead all the way to win by 4 seconds over Nate Low and Steve Leiby, all with 38 laps.

Stock Truck A Main

1. Brad Warhurst/38 laps/4:00.36
2. Nate Low/38 laps/4:04.28
3. Steve Leiby/38 laps/4:04.34

Phil Marabella was the class of the field in 1/12th Stock Pan as he used his Revolver 12ss to lap the entire field.

1/12th Stock Pan A main

1. Phil Marabella/57 laps/5:05.49
2. Jason Lauer/56 laps/5:02.44
3. Ed Thuresson/56 laps/5:04.55

In 2WD Stock Gearbox, it was Road Runners' own Bob Snelidman winning the "A" main and setting a new track record with his Kranzels

Terminator.

2WD Gearbox A Main

1. Bob Snelidman/40 laps/4:05.29
2. Rick Turner/37 laps/4:02.97
3. John Baker/37 laps/4:04.28

In 1/10th Modified Pan Rick Haentjens lead a Trinity 1-2 sweep. Both drivers used Evolution 10ss cars and the Trinity EX-Tech modified motors and EX-Tech matched battery packs.

Modified Pan A Main

1. Rick Haentjens/51 laps/4:02.54
2. Rick Icker/50 laps/4:02.87
3. Les Blosser/49 laps/4:07.34

In 1/10th Stock Pan George Verbonitz beat all the hotshots to the line to win the A main with an excellent drive.

Stock Pan A Main

1. George Verbonitz/46 laps/4:03.26
2. Les Blosser/45 laps/4:00.32
3. Phil Marabella/45 laps/4:01.81

Trinity would like to thank all the racers who attended and Road Runner Raceway for providing us with an excellent place to race.

PIT BOARD

KINWALD, TEAM LOSI & TRINITY CLEAN HOUSE IN '94

Brian Kinwald recently closed out a "Dream Season" in his first year with Team Losi and Trinity. Never before has one individual enjoyed such overpowering and consistent success in spite of extraordinary competition.

The combination of Team Losi cars/trucks, tires and accessories, as well as the "Monster Horsepower" provided by Trinity motors and batteries, powered Brian to no less than 5



R.O.A.R. and N.O.R.R.C.A. National Championships. Brian and the thousands of ultra successful fellow Team Losi and Trinity consumers/racers throughout the country have come to enjoy a level of performance that is, as Brian states, "Better than I ever dreamed existed." Additionally,

Brian is quick to point out that his unequalled success was achieved running the same cars/trucks and parts that are available to the consumer.

Dragin'

Racing In This Scale Can Be

On A

Done Affordably, While Still

Budget

Remaining Very Competitive!

By Jack Wright

To many Drag Racing is rather new to the world of Radio Control, surprisingly R/C Drag racing has been around since 1988. And like other forms of racing, Drag Racing has its own sanctioning body. The International Electric Drag Association (I.E.D.A.) was formed in '88 to help promote the sport of Drag Racing and carry the load of setting standards for national, world, and local Drag Racing around the world. The subject of this article is on how to build a competitive

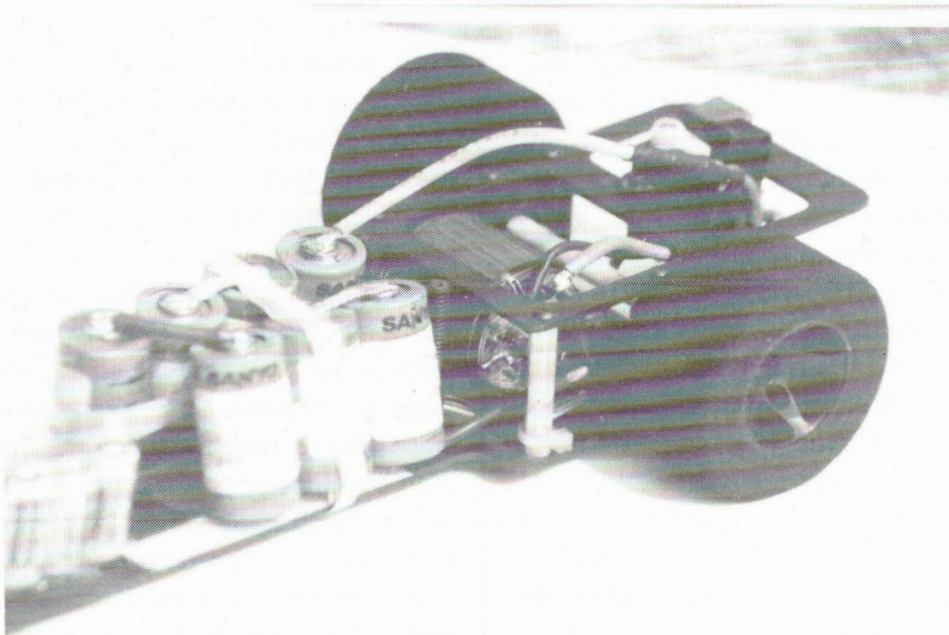
yet affordable dragster. Now when I say competitive I'm talking at the national level as well as local parking lot drags.

I chose to do a project on an Econo Rail Dragster. The reason for this is Dragsters are trick and are the main reason racers get into Drag Racing. Econo Rails look similar to their Top Fuel and alcohol cousins, for about half the expense. Now what is an Econo Rail, well an Econo Rail class is the same weight and dimensions as Top Fuel 36 ozs. and 30 inch wheelbase. The big difference is in the batteries and motors, in

Econo Rail you use only seven cells and a stock class motor. Now you can build your Rail from scratch or buy a kit built dragster, I have built them both ways and roughly found the same results. Here in this article I will mainly be talking about set up and speed secrets, so cinch up the five point, take the lights, and let's go!

DECISIONS, DECISIONS, DECISIONS...

For this project I took the easy way out, after years of building homemade chassis I picked up a used Lightz Dragster chassis for about \$100 bucks. The Lightz car is very impressive, with its precision cut graphite chassis. Also the Lightz features a servo mount at the rear of the chassis for mounting your speed control. As well as a center graphite chassis brace that runs the length of the chassis. This is to give just the right amount of flex in the chassis. And last but not least, the Lightz car uses a motor pod that allows for a wide range of gear ratios for any type of Drag Racing. Now the chassis I used did not come with ei-

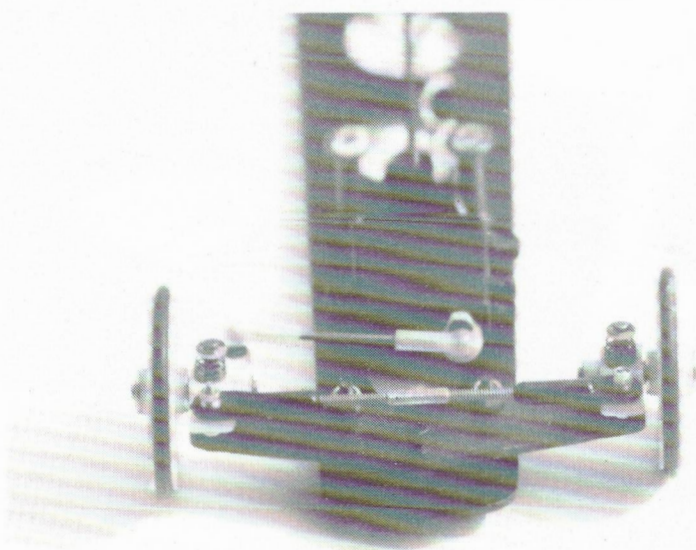


ther front or rear axles, as this kit was a chassis kit only. However Lightz offers their Dragster in a rolling chassis kit, that includes the chassis, axles, wheels and tires and a Protoform Top Fuel 1 body all for only \$279.95. That's not bad considering the only

thing you have to add to go racing is electrics:

To finish my racer I needed a set of front axles and a rear axle to start, for the front I used a set of BoLink's steering blocks and axles. For front wheels I found a set of used 1.5" Delrin o-ring wheels, of course Lightz offers a complete line of Delrin wheels. To steer the Rail I needed a very small servo, preferably small enough to fit at the front of the chassis as so to eliminate the need for bell crank steering. Well after looking at micro servo's that cost as much as my Rail, I

discovered Hitec's new line of micro servo's, and, when I say micro I mean



Top: The rear end of this machine is straight forward and simple.

Bottom: The HiTec mini servo is a perfect fit on the Lightz chassis.

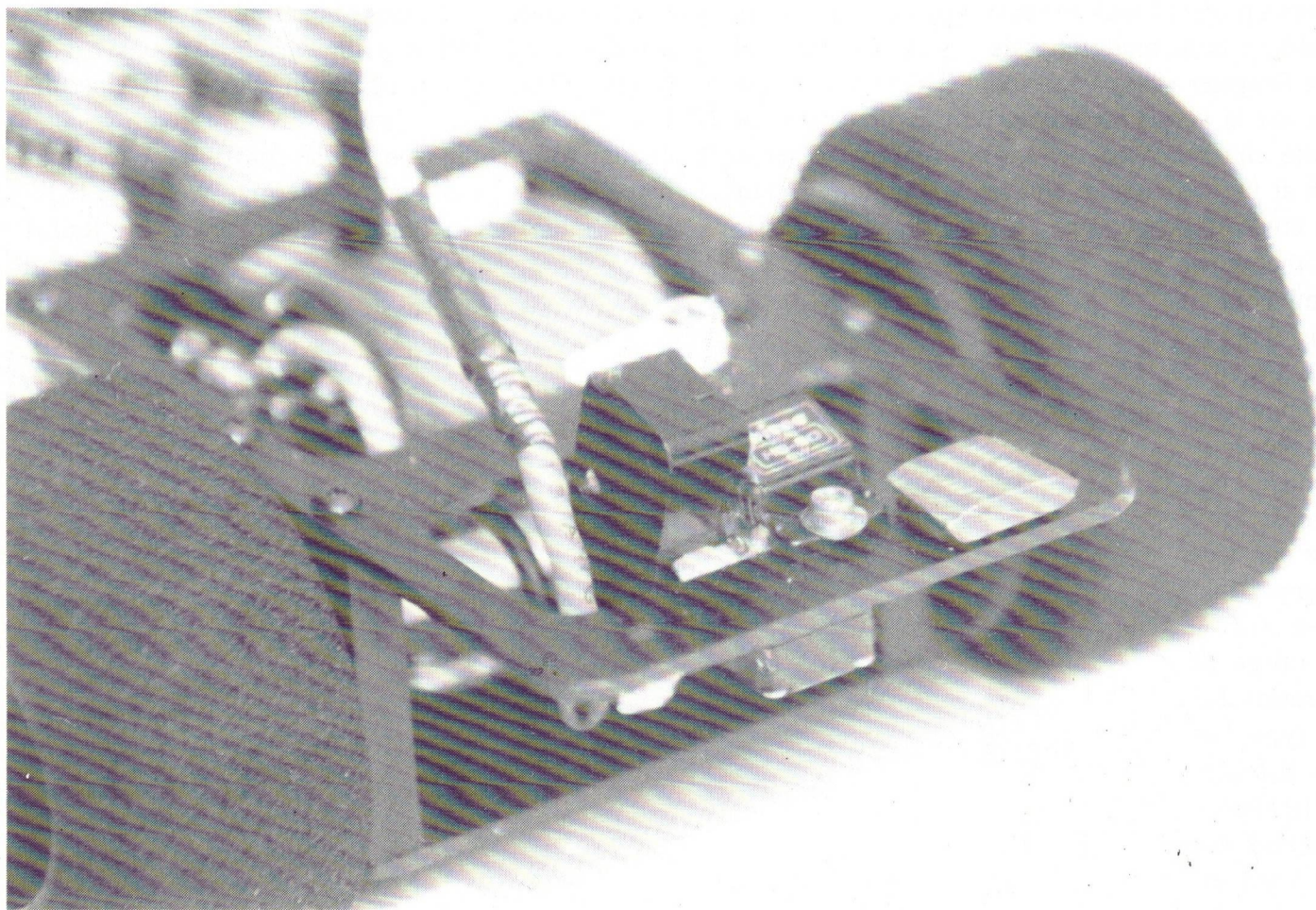
it. The 80 series line of servo's are not only the smallest servos I have ever seen, but, they're priced right with a retail of around \$50. I used Hitec's MG-80 metal gear servo for steering and the HS-80 for throttle control, but, I'll explain more on the speed control later on in this article. Next I installed a set of Boca Bearings' Secret Weapon ultra smooth bearings in the Rail, these are the smoothest ball bearings known to man, but they do require regular maintenance to stay that way. And to really keep them running smooth I soaked them in Boca's Midas Touch bearing solution, and, oiled them with Boca's hi temp oil. Now you think that these bearings cost a small fortune. Well they're not cheap, but on the other hand, you only need six of them so the cost isn't that bad considering the performance they will give you. With the front end of our Rail complete we'll move on to the rear of the chassis.

BRINGING UP THE REAR...

At the rear of the Rail I installed a MB Fiberglass

axle along with a set of BoLink's 1/12th scale drive hubs, the reason for using 1/12th scale hubs is that most drag tires come mounted on 1/12th scale rims. Another plus is you can also mount your drive gear to the hub as well. To do this, simply put a pan car spur gear over the hub with it off the axle. Now turn the spur until the inside holes in the spur line up with the two holes on the hub. Then use two 440 button head screws to secure it. For my rail I chose to use 64 pitch gears, but 64 pitch can be easily destroyed if the mesh is not perfect. So many racers prefer 48 pitch since they're more forgiving. Before you continue on with building your Rail, you will need to cut out a 2 inch x 2 inch square in the bottom of the chassis at the motor mount. The reason for this is in Drag Racing many drivers use what is called a torque ring, and with the ring installed on the motor, the motor screws won't line up because the ring adds to the diameter of the motor. On my car I found I had to do the same in order for my motor to fit, but we'll discuss more on

Using a micro switch over an electronic speed control will certainly pick up your ET.

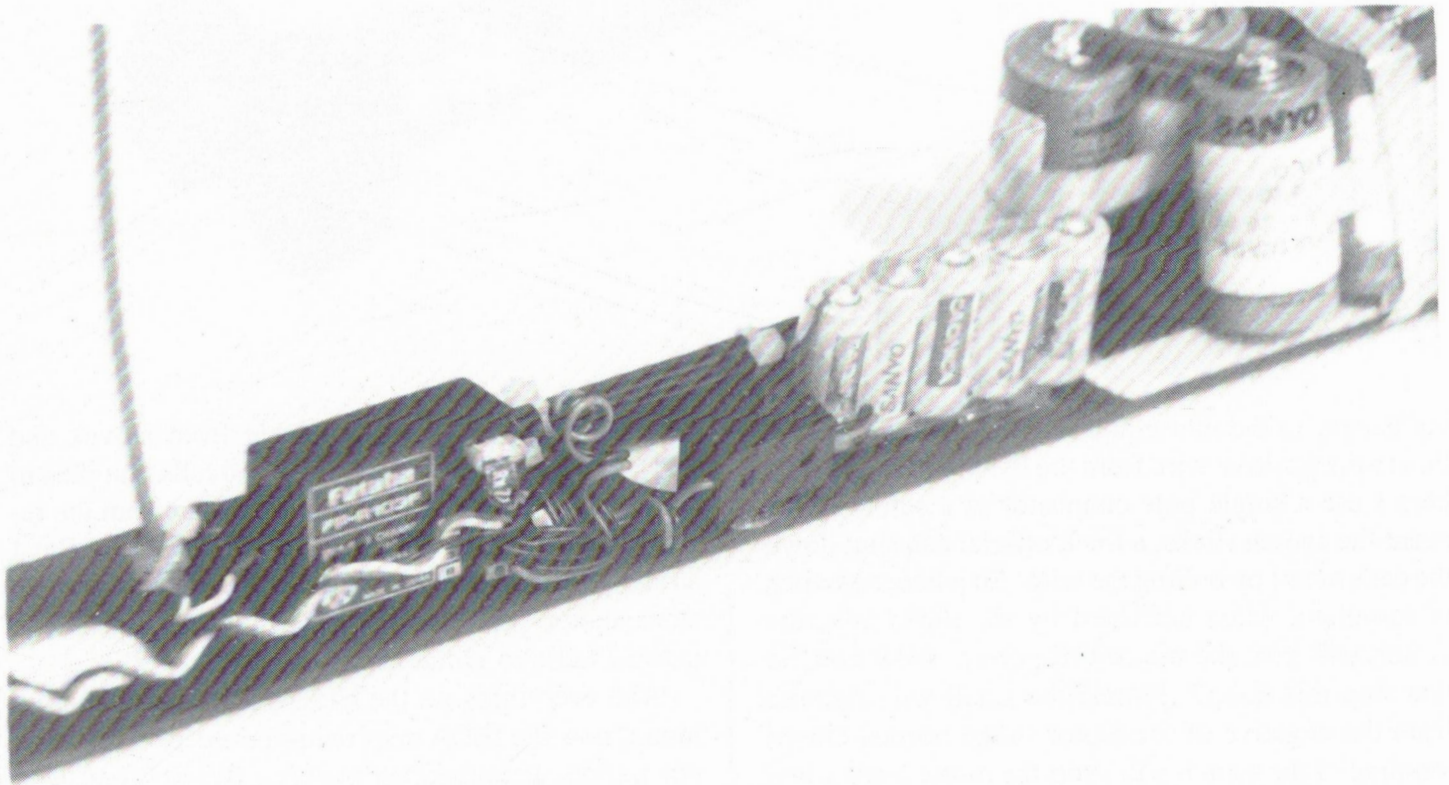


motors later on. So with the spur mounted on the hub, go ahead and install it on the chassis, now you need to space the drive side hub with shims so the screws in the spur won't rub the motor mount.

IN TOTAL CONTROL...

As I had mentioned before I was using a servo for the speed control, now many of you hard core racers are thinking that mechanical speed controls went out with the stone age. Well in Drag Racing its the opposite, a electronic speed controller is fine but the draw-

the speed control is to mount the switch to the servo with Shoe Goo and the let the servo sit with a clamp on it for one hour before wiring it. Now I will try to explain how to wire the speed control switch. On your micro switch there is three terminals, one is common, one is normally open and the other is normally closed. First solder the wire that will be going to the positive of the battery to the normally open. Then solder a wire to the common, this will be your positive motor lead. Now use a small piece of the 14 ga wire and

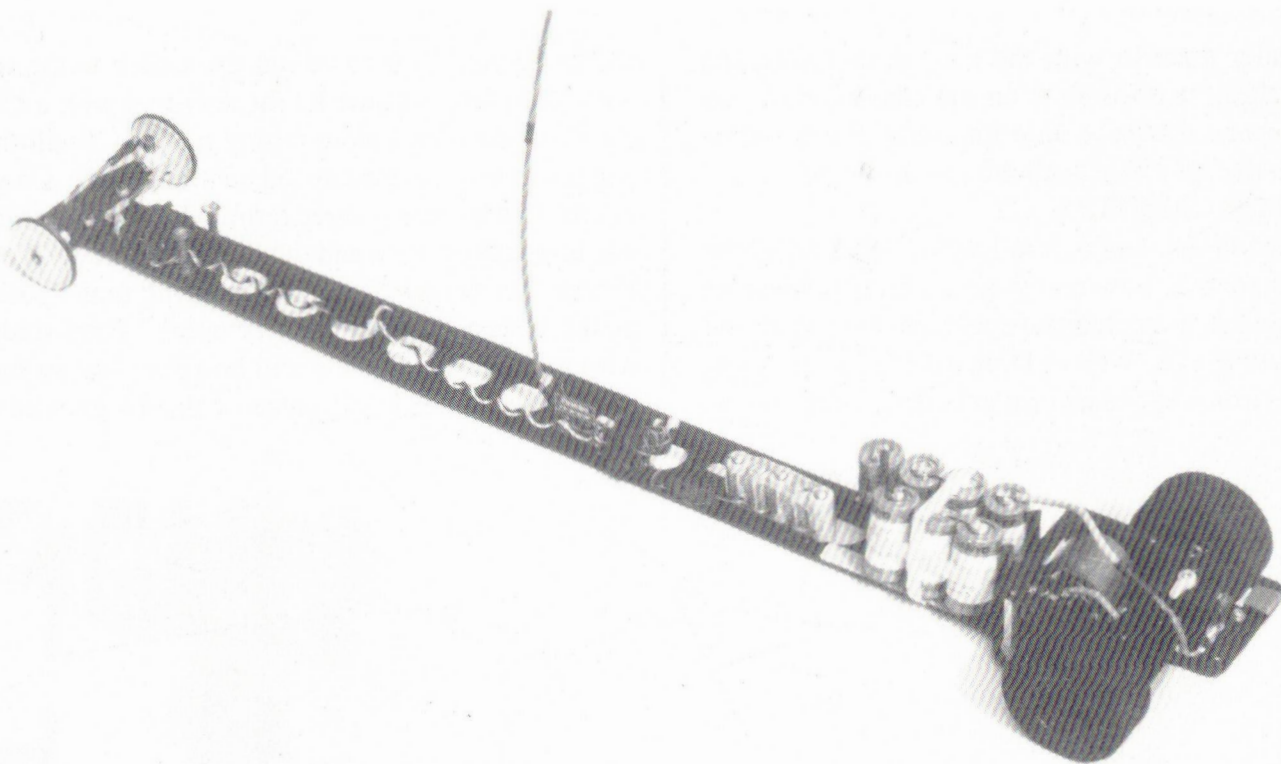


backs are a delay in on power and a lack of very strong brakes. So that's where the on off switch comes in, of course with an on off switch you don't have the luxury of feathering the trigger during a run. But then again if you have to lift you have already lost the race.

To build your speed control you will need a micro switch that is rated for at least 15 amps at 1 a HP, some 12 ga and 14 ga wire, and of course, a Mini servo like the Hitec HS-80. The first step in building

solder it to the normally closed terminal, this lead will go to the negative of the motor. Be sure to leave the wires long enough so it will reach your motor and battery. To complete the circuit you need to run another wire from the negative of the motor to the negative of the battery, now to reduce voltage loss I solder

Surprisingly, even with using the larger 150 mAh receiver pack I was still under weight with the LightZ car.



my battery to the motor and switch. With the exception to the positive wire from the battery to the switch, here I use a single pole connector as a safety in the event the switch sticks, a track official can shut down the car's motor by pulling the wire. So when the switch is complete, when activated by the servo arm, the switch will give the motor full power. Now how do you stop this thing? Simple the small wire running from the negative of the motor to the normal closed terminal of the switch will short the motor leads when you release the throttle. Thus creating a instant brake for the car, and bringing it to fast and safe stop. Realize that this braking system does not involve the battery and the faster the car, the stronger the brakes will be.

Now install the servo at the rear of the chassis. On the Lightz car there is a mount at the rear for the servo. But if your building your Rail from scratch, simply drill and tap two 4-40 holes in the center of the motor pod and attach the servo mounts to that. At this time go ahead and finish installing your radio gear, try to keep the receiver as far forward in the chassis as you can this will minimize the chances of radio hits from the motor. Since we're using a switch type speed controller you will need to use either a five cell micro

receiver pack (these are available from Novak and PTI), or depending on the number of cells you plan to run (up to seven) you can wire the leads from the receiver switch to the speed control for power. But I strongly recommend using the receiver pack, even with stock motors the load from starting line launch can cause a radio to glitch from a loss of power.

With everything on the chassis it's time to chose a motor, now the IEDA does require the use of 240 hand out motors at sanctioned events. But at local level racing most tracks allow the use of any 27 turn 22 ga wire stock motor that costs less than \$32.00 retail, also the use of torque rings are allowed. Now what is a torque ring? A torque ring slides over the outside of the motor can and increases the motor's magnetism thus providing more torque. And more torque allows for taller gear ratios, so you still have plenty of starting line punch at the same time the top end is still there. Since this car's first run would be at the IEDA Nationals I didn't worry about the motor, but, I do plan to run a B&R 44 magnum stock motor at the local strip. At this point all I had to do was paint and mount the Protoform Top Fuel 1 Dragster body, the Top Fuel 1 provides plenty of down force for a Econo Rail so a wing isn't necessary. To mount the body I

used a set of BoLink body posts. I cut them down to the height needed for the body. Then I taped the posts to accept 4-40 button head screws, this allows you to secure the body to the chassis thus eliminating body chatter that is caused by using body pins.

TRIAL BY FIRE...

So here we are in Naples, Florida for the IEDA Seminole Nationals for the first race of the IEDA season, I was planing on arriving Friday to get in some practice. But that was shot so I only had enough time to get my handout motor and work with it, on these Kyosho handout motors I have found it is best to realign the brush hoods among other things. The brush and spring combo that makes the most horsepower is Power Surges 042 brushes with 1/16th inch holes in the center of the brush, for springs I used a Power Surge purple on the positive side and green on the negative. To power the Rail a Drag matched 40 amp set of Hurricane 1400 SCRs were in order, in Drag Racing run time isn't important just good voltage and punch in the pack.

For tires I used a set of Fine Design's standard Fire Foams. Fire Foams also come in a grow compound but this is really only useful in the 10 cell or higher cars. Now you will need to treat the tires with trac-

Dragin' On A Budget!

Lightz Dragster kit
(rolling chassis w/body)
\$279.95

Hitec HS-80 servos
\$49.95 EA

Boca Bearings Secret Weapon
Bearings
\$71.95 set

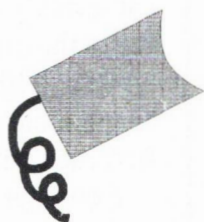
Hurricane Batteries 40 amp 7 cell
drag pack
\$45.00

Trinity Motor Sleeve
\$4.99

Track Record Lake Whippoorwill, 2 U.S. National Titles,
Australian National Champion, R/C Thunderdrome
Champion, Six State Titles. ALL WITH:

THE

"HC-80"
PRO BRUSH



Off Road, On Road, Dirt Oval, NASCAR, Stock, Mod., All Else!

X	X	X	X	X	X	X
---	---	---	---	---	---	---

"H.V."
MODS

"H.V." MODS ARE THE ONLY
MODIFIED MOTORS SPECIFICALLY
DESIGNED FOR USE WITH THE NEW
HIGH VOLTAGE CELLS AVAILABLE TODAY.
RACE PROVEN, TESTED FOR MONTHS.
THESE ARE THE HOTTEST MOTORS ON THE
MARKET. OUR RESULTS BELOW PROVE IT!!!!

#4060
MEGATONIC!!!
PART II

THIS NEW VERSION OF THE RECORD BREAKING AND
INCREDIBLY SUCCESSFUL MEGATONIC INCORPORATES
LAY DOWN BRUSHES, NEW ARMATURE DESIGN AND
AN UPDATED STATE OF THE ART MAGNET/CAN ASSEMBLY.
WHAT YOU WILL FIND WITH THIS MOTOR IS HIGHER RPM'S,
AND MORE POWER. THE END RESULT IS ABSOLUTELY THE
FASTEST 27 TURN 22 GAUGE STOCK MOTOR PERIOD!!!

EXTREME
MOTORSPORTS
303-879-5102 fax: 303-879-5108

Finally a true all around no joke easy on the
comm race brush!! Months of intensive resea-
rch has allowed us to produce a brush that
increases power, rpm, and torque. Performa-
nce of a high silver brush, without the damage
or cost. What more could you ask for????

We make this brush!!!
OEM orders accepted.

BO THE
HEMITH

TRIPLE SLOTTED, 5.0 MAGNETS,
SILVER BRUSHES, BROKEN IN AND
TESTED. NO DOUBT, THE FASTEST
ROAR LEGAL RACE MOTOR AVAILABLE
PERIOD! GIVE US A CALL IF YOU HAVE
ANY QUESTIONS ON THIS ALL NEW EPIC
BASED ROCKET SHIP.

Manufacturers mentioned in this article.

Lightz Products
P.O. Box 24910
Tempe AZ 85285

Novak Electronics
18910 Teller Ave
Irvine CA 92715

Protoform
537 Niagara St
St. Catharines
Ontario Canada, L2M3P6

PTI/Hyperdrive
P.O. Box 950
Pilot Mout. NC 27041

BoLink R/C Cars
420 Hosea Rd
Lawrenceville GA 30245

B&R Motors
9952 W 82 Place
Arvada CO 80005

Hitec/RCD
10729 Wheatlands Ave
Santee CA 92071

Hurricane Batteries
2210 Eagle Rock
Wendell NC 27591

Boca Bearings
7040 W. Palmetto Ave
Boca Raton FL 33433

Trinity
1901 Linden Ave #8
Linden NJ 07036

BME Racing
P.O. Box 2066
Brick NJ 08723

Fine Design
2 North Street
Middletown NY 10940

Power Surge
1011 E. St Helena
Apex NC 27502

tion compound, since every track is different I'll just tell you the two most popular compounds. Fine Design offers Tire Trak in light, medium, and heavy compounds, and, Champion Slot Car Products offers Brown Stick which is very heavy. Gearing the car is bit of a trick so I hope this tip will be very helpful, most racers don't take in account for tire size when gearing there cars. For example at Naples you should gear your car around 3.60 to 1, some would figure 125 spur and a 34 pinion (64 pitch). That is figured by dividing the spur by the pinion, but, in reality if you figure in the tire size the gear ratio would actually be 4.00 to 1. Now how did I come up with that, well remember that stuff in school called algebra? And you thought you would never use this stuff! The formula for this is spur divided by pinion x 2.75 divided by tire size = gear ratio. Using Fire Foams out of the package are 2.50 inches in diameter, so by taking this into the gear ratio you would use a 38 tooth pinion to get a 3.60 to 1 ratio.

So now that you have a starting point to work with, setting up your car will be a snap. As for my car I qualified fourth and took out the defending champ of this event in the semi finals, in the final I had the lane choice due to a much quicker ET than my competitor, but as my luck would have it there was a late day rain shower and taking a chance I decided not to add more compound to the tires. As I had the holeshot from the start my car quickly broke loose, and my competitor beat me to the line. Not a bad race considering it was a new car with no practice, anyway when I got back to my local track I'll set a new track record at our first race with this car and set up.

Now that I have given you tools to build your Rail, now its time to go racing. So for less than \$500.00 you can build a very competitive race car and if you make your own chassis you can save even more. In a future issues we'll have more on Drag Racing with a Top Alcohol Funny Car project that's in the works as I type. Until then keep your eyes on the lights and your finger on the trigger.

For more information on the sport of Drag Racing contact the IEDA at 2 North Street, Lower Level, Middletown NY 10940.

CP



COMPETITION Hosts



PLUS THE R/C CAR MAGAZINE

Featuring

The NOVAK Invitational " 500 "

The way to the MASTERS

The NOVAK AMATEUR " 200 "

THE BoLink Clash aLL qualifying

The Invitational Challenge (4 min races)

The Amateur Challenge for Stock & Modified

The PSE !!!! DASH !!!! (The Top 10 invitational Qualifiers Will Race For A Camcorder)

The Whippoorwill Concours & Best Paint

" The 1995 Whippoorwill U.S. Oval Masters "

1994 MASTERS
MIKE BOYLAN
Driving for Trinity

**AMATEUR'S 1700
BATTERIES APPROVED**

SCHEDULE OF EVENTS

TUESDAY, MARCH 28TH. THRU THURSDAY, MARCH 30 TH.

Registration and Practice

FRIDAY, MARCH 31ST. STARTING AT 10 A.M.

"THE BOLINK CLASH" -One 4 minute qualifying round is scheduled for the Amateur Stock & Amateur Modified Drivers.

This is for position in the **WHIP AMATEUR CHALLENGE** (4 Min. Racing)

"THE BOLINK CLASH" 2 four minute qualifying rounds are scheduled for the invitational drivers.

This is for position in the **WHIP ** INVITATIONAL CHALLENGE** (4 Min. Racing)

"THE NOVAK AMATEUR 125 " & " THE NOVAK INVITATIONAL 125" will each run one of their 3 qualifiers.

This is for position in the 'NOVAK AMATEUR 200' & 'THE NOVAK INVITATIONAL 500'

SATURDAY, APRIL 1 ST. STARTING AT 9 A.M.

'THE BOLINK CLASH' Amateur Stock & Modified drivers will run their final two 4 minute qualifiers (weather permitting).

'THE BOLINK CLASH' Invitational Drivers will run their final qualifier (4 minute qualifier) (weather permitting)

'THE NOVAK AMATEUR 125' & 'THE NOVAK INVITATIONAL 125' will run their final 2 qualifiers (weather permitting).

SUNDAY, APRIL 2ND 9 A.M. - GATES OPEN

11 A.M. - True Concours & Best Paint ,And The !!! PSE DASH !!!

1 P.M. - "THE 1995 WHIPPOORWILL U.S. OVAL MASTERS" Mains begin.

ALL ** A ** MAINS WILL RUN FIRST

ALL STOCK ENTRIES WILL RECEIVE A HAND OUT MOTOR

The Official 1995 MASTERS Stock Motor THE PARMA NIGHTMARE 24 degree.

Entry Fee: \$50 per Class for Stock: Modified: Novak Amateur 200

Deadline for Entry is March 3rd.1995 Late Entries \$10. Late Fee.

MAKE CHECK TO: Lake Whippoorwill Int'l Speedway,

12345 Narcoossee Road, Orlando, FL 32827, (407) 277-9586.. Fax (407)-384-7801

Name _____ Phone () _____

Address _____ City _____ State _____ Zip _____

CLASSES: Amateur Stock _____ Amateur Modified _____ Novak Amateur 200 _____

FREQUENCY: 1ST. _____ 2ND. _____ 3RD. _____

DRIVERS ABILITY: Novice _____ Intermediate _____ Expert _____

U.S. Currency ONLY: Limited Entries; pre-entries are non-refundable ; N.A.R.A. rules apply.

MASTERS9 12/94

1 ST. 100 ENTRIES
RECEIVE
PITS W/ELECTRIC



THE 1994 ROAR DIRT OVAL NATIONALS

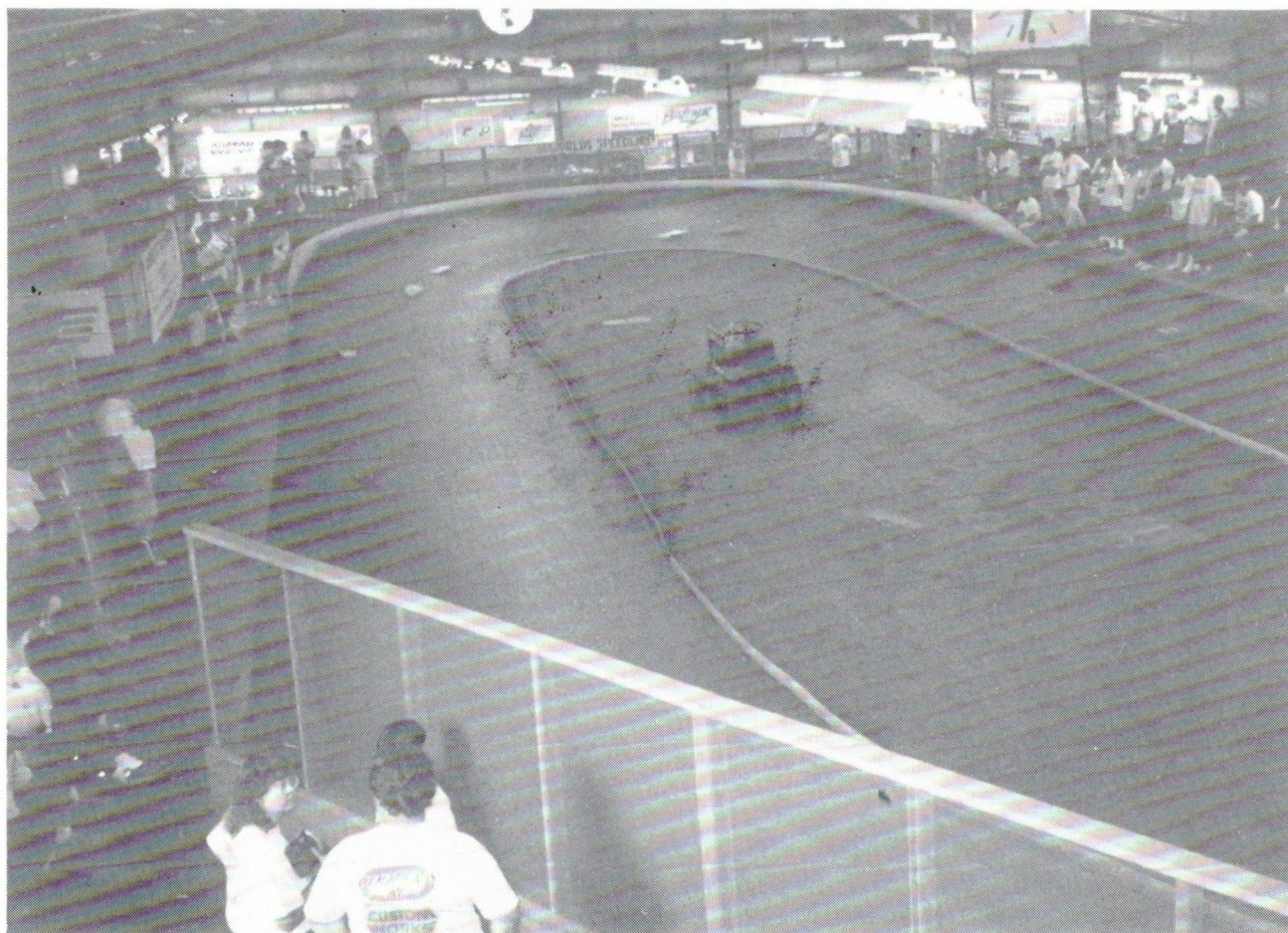
STORY & PHOTOS BY
MATT & MATTHEW WOJTKOWIAK

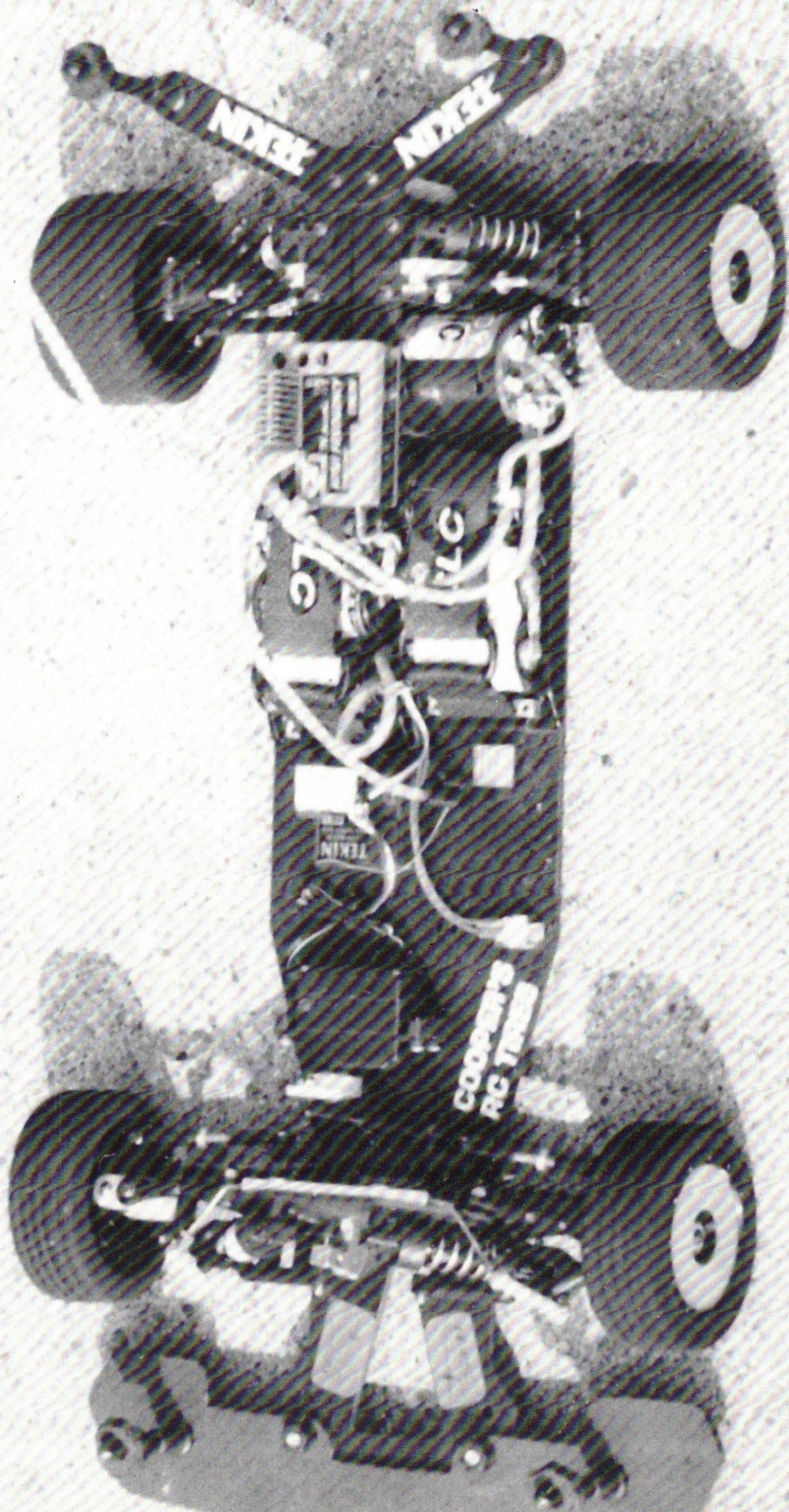
It seemed like “deja-vu, all over again”. That is, the running of the ROAR DIRT OVAL NATIONALS. Cooper’s R/C Race Center would again host the premier dirt oval event of the year. With the outstanding record from the previous year, Cooper’s was once again awarded the event. Only this year, there would be a few twists. It seems the folks at ROAR Headquarters heard the suggestions of many dirt oval racers and changed some of the rules to more fairly equalize the competition.

First and foremost, this would be an all 6-cell event. That's right!! All classes would be run with 6 cells only, more about that later. Secondly, the tires would be limited to foams only - you heard right - no silicone capped tires. These two changes were made to help lessen the cost of racing and possibly bring out some newcomers that were always at odds as to whether compete with 7 cells or not. A rule that was clarified by ROAR was, "no straight axle cars would be allowed". This cleared up whether or not pan type cars could compete. Finally, there was a companion class run to introduce the very popular EAST COAST MODIFIED class, the locals know them as MUD BUSES!!



*Top: Who says you can't have fun at a Nationals.
Bottom: This shot gives you an overview of the Cooper's Dirt Oval track. This track, host for the '94 race, was also the host for the 1993 ROAR Dirt Oval Nationals. Different from the '93 race, however, was the all 6-cell format.*







The class line-up this year would include the above mentioned East Coast Modified class (stock motors), the very popular 2WD Stock and Modified classes, Sprint Car Stock and Modified classes and 4WD Modified. Remember, all classes, 6 cell only!!

As usual, Norris Cooper had the track groomed to perfection. The red Virginia clay almost shines when ready for racing. The weather was in unusual form for August, it was actually on the cool side. The temperature made racing pleasant.

Thursday was the practice day. The "foam tires only" rule had the racers searching for the right com-
Opposite: The "What's New" at the Nat's car. This new machine from Custom Works features a Irrgang Racing O ring diff and M-Troniks speed contorl. More on a sidebar later.

Top: Post race tech-inspections saw racer's removing their stock motors for teardown after the final. We're glad to report that everybody was legal.

pound and chassis set-up to get their cars "hooked" to the track. Things looked good by the end of the day.

New this year, was the format for the heats. ROAR suggested that the first two rounds of qualifying on Friday be arranged by a random selection of the computer. No favorites, everybody equal at the beginning of the event. At the conclusion of Friday's qualifying, there would be a re-shuffle of heats to place the fastest drivers together then descend down the ladder to the slowest drivers, in essence, a seeding process. The number of cars per heat would remain the same, only the grouping would change. The racers seemed to like this format. You have to prove yourself at each event - not a bad idea!!

By the end of qualifying Friday, Henry Hobaugh was leading the pack in the East Coast Modified class, with 36 laps, 4.06.89. Mike Conkey was atop the Sprint Stock class with 37 laps, 4.01.44. Randy

Martin held the top slot in 2WD Stock with 38 laps, 4.01.39. Gary Warren was the "kingpin" in 4WD Modified with 42 laps, 4.00.30. Brian Breckenridge was the man in Sprint Modified with 41 laps, 4.03.56 and Roman Pemberton was the fastest man of the event, overall, in 2WD Modified with 44 laps, 4.03.22.

Right about now you're saying, what about the computer problems that were encountered during the event. I didn't forget, see special side bar section.

Saturday's final two rounds of qualifying would be the re-shuffled arrangement as mentioned.

When the dust finally settled, the mains were set. Winning the

Setting A New Standard!



PERFORMANCE PLUS 2 ELECTRIC MOTOR CLEANER

New advanced formula!

- Safe on plastics and Lexan car Bodies
- Quick evaporation rate, no smell
- Still Only \$5.99! (retail)

T.A. Emerald Industries • 92 Corporate Park Suite C-127
Irvine, CA 92714 • 800-280-0020

“COMPUTER GLITCHES AND VIRUSES”

With the new rules format that ROAR has initiated, the ones for the track owners to follow, you'd think things would go smoothly. Norris Cooper had all the hardware on hand as prescribed by ROAR. Computer, lap counters, transponders and the like and a complete duplicate set of everything, right down to the transponders. We've all heard of the bugs computers get, well, Norris acquired a big one on Friday. So much so that the program was delayed for two hours. With the help of some of the computer whizzes on hand, things got off okay. That is until Saturday. Everybody went home thinking things were just fine, only to come in Saturday and find that the computer crashed. No problem you say? Go to the back-up unit..... oh!!! no!!! same problem. what do we do now???? Ask for help, we don't have another computer!! All the computer junkies in attendance offered their help, young Bill Bradley pitched in. He was joined by George Vardzik, Don Arsanult, Kim Petticord, Bill Bailey and David Kranzel. All these people assisted race director Wayne Burgess, all to no avail. Then Norris Cooper made the call, let's go and buy a whole new computer... lock, stock and barrel. Keep in mind, Norris was now talking about computer number three!!! Don Arsanult had just purchased a complete new program for his own track and offered it to Cooper just to get things going. When Norris returned, new system in hand, the same group of helpers pitched in to load the machine and get us back on-line. Just think, only five hours late not bad considering!!! A major league “TIP OF THE HAT” to Norris Cooper and all the great racers that helped.

TQ slot in the new East Coast Modified class was Donnie Witt, 36 laps, 4.06.27. Following in order are the rest of the “A” Main qualifiers, Henry Hobaugh, 36, Cecil Collins, 36, Jay Baker, 35, Jess Belton, 35, Chris Robbins, 35, David Barber, 35, Roger Deiter, 35, Ian Carpenter, 35 and finally John Scott, 35.

Leading the charge in the Sprint Stock class was Randy Fisher, who

recorded the only 38 lap run in the class at 4.05.66, Mike Conkey was second with 37, George Verbonitz was third with 37, and following in order, Jim Beachley, 37, Brian Breckenridge, 37, Keith Steinle, 37, Bert Brasz, 36, Jason Belton, 36, Jeff Belton, 36 and Frank Edwards, 36.

Well liked local racer Ken Long captured his first ever TQ trophy, winning the slot in 2WD Stock

with 39 laps, 4.05.66. Randy Martin was second with 39, defending class champion Chris Dipple was third with 39, while Jim Horton ended in the fourth slot with the only other 39 lapper. The rest of the field in order was Frank Tucker, 38, Geoff Keeton, 38, Roman Pemberton, 38, Ed Krupa, 38, Tommy Ferguson, 37 and Ralph Walters, 37.

Gary Warren put everybody on notice in 4WD Modified when he won the TQ slot with his 43 laps, 4.05.06 charge. The only 43 in the class for the event. Perennial favorite Brian Landgraff was second with 42 laps, Matthew Rogers, Terry Rufty and Kirby Hand all had 42's. Jason Belton, 41, Ken Long, 41, Alan Duffy, 41, Nick Rank, 41 and Jess Belton, 40.

The awesome Sprint Modified class saw Chris Smith at the top of the heap with 41 laps, 4.01.17. Brian Breckenridge, Rob Cutman, Randy Fisher and George Vardzik all had 41 laps, while the remainder of the field, Bert Brasz, Jim Beachley, David Kranzel, Mike Conkey and Jeff Belton all had 40.

The “fastest of the fast”, 2WD Modified had Roman Pemberton holding on to the TQ spot with Friday's 44 laps, 4.03.22. Chris Smith and Kirby Hand were close behind, both with 44's. Rob Cutman and George Vardzik each had 43 laps, while Ed Krupa, Jeff Greenly, Billy Spence, Kim Petticord and Nick Rank all had 42 laps.

With the late start for the final rounds of qualifying, things ended up near midnight. And you thought that you'd get to the hotel early, for a good night's rest before the

WINTER HEAT!



MELT AWAY WINTER COLD WITH PSE 1/10 SUPERTRUCK® HEAT!

PSE is the first manufacturer to have Chevy, Ford and Dodge **SUPERTRUCK®** bodies ready for the most exciting series in years!

All three bodies are low, lean and mean, and fit narrow 1/10 oval chassis like a glove.

So, if you're a Chevy, Ford or Dodge fan, PSE has the oval truck body you need.

Chevy RaceTruck Clear Body # 99043

Ford RaceTruck Clear Body # 99044

Dodge RaceTruck Clear Body # 99041

America's Choice!



PARMA/PSE bodies are officially licensed by the Chevrolet Motor Division, General Motors Corporation, the Chrysler Corporation and the Ford Motor Company.

Send \$2 for a '95 Catalog to: Parma International Inc.
13927 Progress Parkway • North Royalton, Ohio 44133

NEW AT THE NATIONALS

It's always nice to see what new goodies show up at a national event.

Custom Works had a new chassis for the "Intimidator" 2WD car. This new design will allow the batteries to be arranged in different positions. The usual side by side configuration, all cells down the middle or in the LTO configuration (left side loading). Nice deal, all arrangements on the same chassis.

Irrgang Racing Service (IRS) had a prototype diff assembly in some Custom Works 2WD and Sprint cars. IRS is noted for their Ultimate Diff assemblies (see Competition Plus, June 1994 edition). Seems the company has an Ultimate Diff for these cars that uses the "Oil Ring" feature and the Stealth size small diff rings. The unit tested well and was super smooth run after run.

M-Troniks Electronics Company of England had one of their SM80OHF-Turbo Speed controls in one car. This unit looks a bit odd in its green case, but it sure makes power. Super high frequency operation is easy on the comm and seems to extend run time whether in the Stock or Modified classes. These units are soon to be here in the USA.

winner was Roy Anderson. The "A" Main of the "new" class was classic. Just the action packed run that all new things need to get attention. A hard fought battle was waged amongst TQ, Donnie Witt, Jess Belton, David Barber, John Scott and Roger Deiter. Witt was the early leader, but a tangle with a back marker had him well down in the pack. Witt had to work his way back toward the front. Meanwhile Jess Belton took command and led the pack to the finish, winning with 35 laps, 4.00.97. David Barber was second, 35 laps, TQ Donnie Witt finished third, 35 laps, a great finish despite his early troubles. Roger Deiter and John Scott finished fourth and fifth with 35 laps. The rest of the finishers in order, Ian Carpenter, Chris Robbins, Henry Hobaugh, Jay Baker and Cecil Collins.

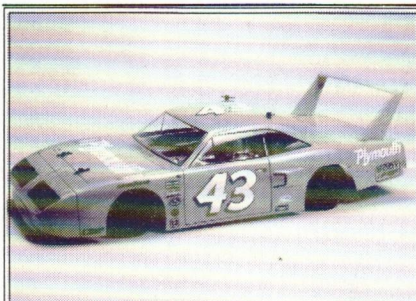
The Sprint Stock class "C" Main winner was Chris Robbins. "B" Main winner was Russ Brown. The "A" Main shoot-out was a thriller. In true sprint car fashion, flips and rolls, wheel touching, corner cuttin' racin', Brian Breckenridge emerged the victor, taking the win with 36 laps, 4.01.02. James Beachley was second, 1.6 seconds behind, while TQ Randy Fisher finished third, just 0.2 seconds behind Beachley. Mike Conkey was the only other finisher with 36 laps. Rounding out the rest of the field was, George Verbonitz, Bert Brasz, Jeff Belton, all with 34 laps, Jason Belton, Frank Edwards and Keith Steinle with 33 laps. 2WD Stock "D" Main went to Chris Martin. Steve Shields won the "C" Main gold while Billy Spence won the

Sunday Mains!!!

Sunday dawned clear and bright. Everybody was at the track early, even with the serious lack of sleep.

All the lower mains were run first, leaving all the "A" Main's as the Grand Finale of the event.

Eastern Modified "B" Main



1970 Plymouth SUPERBIRD

Another first for the R/C industry from BoLINK - the leader in FIRSTS!

This 1970 Plymouth Superbird body is the **FIRST CLASSIC** stock car body in the industry. Designed to fit most Superspeedway, narrow chassis, it comes with a one piece rear wing and installation instructions.

BL-2287



WSC FERRARI

Slip past the competition, with this sleek new 1/12 scale racing body from BoLINK.

With features like it's add-on side dams AND a rear spoiler, you get the adjustability needed for TODAY'S RACING!

BL-2029

1/12 scale racing body

For a complete catalog send \$3 to: BoLINK® R/C Cars (CP), 420 Hosea Rd, Lawrenceville, GA 30245 (404) 963-0252 FAX (404) 963-7334

SCOOTERS HOBBY HUT PRESENTS

OHIO STATE

OVAL CHAMPIONSHIP

DATE, March 17, 18, & 19 1995

WHERE, Scooters Hobby Hut Niles Ohio

ONE OF OHIO'S LARGEST BANKED CARPET OVALS
100'x35'

CLASSES, Pan-Car, Gearbox, Truck, Buggy and East Coast Modified.
10 cars needed to make a class.

LIMIT, First 150 entries for each class. Unless you want to pit outside in OHIO in March.

RULES, Roar Rules will be enforced. You do not need to be a roar member for this race.

BATTERIES, 6 cell up to 1700mha.

SCHEDULE,

FRIDAY March 17, Open practice. Shop opens at 12:00 PM until 9:00 PM.

SATURDAY March 18, Stock class. Doors open at 7:00 am. practice until 8:30 am. drivers meeting to follow. Racing starts at 9:30 am SHARP.

SUNDAY March 19, Modified class. Doors open at 7:00 am. practice until 8:30 am. Drivers meeting to follow. Racing starts at 9:30 am SHARP.

Sponsored By,



Calandra Racing Concepts



BRACE JEWELL



BOCA BEARING CO.



Ohio State Oval Championship

Scooters Hobby Hut

234 # D Robbins Ave.

Niles Oh. 44446 216-544-9411 fax 216-544-9416

Name _____

Address _____

City _____ State _____ Zip _____

Entries should be in no later than March 13, 1995

Map and hotel list provided upon receipt of entry form.

Class Nascar _____

Gearbox _____

Frequency _____

Stock _____

Truck Stock _____

Buggy Stock _____

East Coast Stock _____

1st _____

Modified _____

Modified _____

Modified _____

East Coast Mod. _____

2nd _____

3rd _____

"B". The "A" Main saw some drastic changes to the expected finish. Roman Pemberton worked the field from his seventh starting spot to capture the championship with a great 38 lap, 4.00.64 charge. Jim Horton was second and TQ Ken Long finished third. Defending class champion Chris Dipple was fourth. Ed Krupa and Randy Martin completed the list of racers with 38 laps. The rest of the field finished as listed, Geoff Keeton, Tommy Ferguson, Ralph Walters and Frank Tucker.

4WD Modified was next. An elated Gene Gideon was the winner of the "B" Main. In the only class where the TQ prevailed, Gary Warren brought home the championship. Gary did so in fine fashion, leading from wire to wire with 41 laps, 4.00.40. Mathew Rogers tried his best to go for the upset, but fell just five seconds short. Brian Landgraff was third, followed by Kirby Hand and Terry Rufty, all with 40 laps. Jason and Jess Belton, Alan Duffy, Nick

Rank and Ken Long completed the field.

Winner of the "C" Main Sprint Modified was David Carpenter. "B" Main winner was Alan Duffy. Brian Breckenridge did what every racer would love, win a "double" at the Nationals. TQ Chris Smith and Breckenridge went nose to tail and side by side for the entire four minutes. Late in the race Breckenridge got to the front and tried to hold off the late charge of Smith. As the crowd got into the race, yelling and cheering for their favorite, Breckenridge just nosed out Smith for the win with 41 laps, 4.04.99 to Smith's 41 laps, 4.06.80. Randy Fisher, George Vardzik, David Kranzel, Mike Conkey and Rob Cutman all finished with 39 laps, while Jeff Belton, James Beachley and Bert Brasz completed the field.

2WD Modified "D" Main winner was Matt Mathews. "C" Main winner was Bill Bradley (computer whiz). "B" Main winner was Mathew Rogers. The final run of

the event was the "A" Main 2WD Modified, Roman Pemberton was the only other racer that could tally a "double" for the weekend, but Kirby Hand and Chris Smith were not going to play dead. After a lot of dicing and banging early in the race, Kirby Hand took the lead, Pemberton now in hot pursuit and Smith was putting in his bid for the front. The crowd was the most vocal during this race. Each spectator screaming for his favorite to win. At the buzzer, it was Kirby Hand the winna' while Chris Smith was shown second. Wait a minute, Smith immediately went to the race director and declared that there must have been a miscount. Smith made it perfectly clear that Pemberton was the second place car while he finished third. Smith's display of true sportsmanship was very refreshing!! Ed Krupa, George Vardzik and Nick Rank all finished with 40 laps. Billy Spence, Jeff Greenly Rob Cutman and Kim Petticord rounded out the field.

A final note. Despite the troubles, the computer woes and such. The racers never gave up trying to help get the program back on track. When things go wrong, the people can make things more difficult when they become restless and vocal about the problems. This never happened. Everybody did their best. The event was GREAT!!!!

EASTERN MODIFIEDS

A MAIN

- 1st - Jess Belton
- 2nd - David Barber
- 3rd - Donnie Witt
- 4th - Rodger Deiter
- 5th - John Scott
- 6th - Ian Carpenter



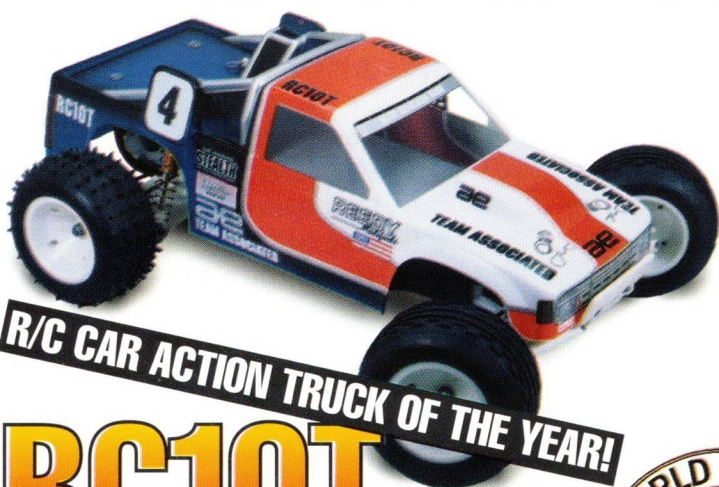
7th - Chris Robbins
 8th - Henry Hobaugh
 9th - Jay Baker
 10th - Cecil Collins
 B MAIN
 1st - Roy Anderson
 2nd - Nick Anderson
 3rd - Glen Carlson
 SPRINT STOCK
 A MAIN
 1st - Brian Breckenridge
 2nd - James Beachley
 3rd - Randy Fisher
 4th - Mike Conkey
 5th - George Verbonitz
 6th - Bert Brass
 7th - Jeff Belton
 8th - Jason Belton
 9th - Frank Edwards
 10th - Keith Steinie
 B MAIN
 1st - Russ Brown
 2nd - Jason Jackson
 3rd - Jason Haller
 4th - Tony Little
 5th - Dave Johns
 6th - Steven Shields
 7th - LT Toomey
 8th - Cris Martin
 9th - Danny Davis
 10th - Bill Bailey
 C MAIN
 1st - Cris Robin
 2nd - Dave Toomey
 3rd - David Greenly
 4th - John Scott
 5th - John Crook
 6th - John Smith
 7th - Joe Goodwin
 2WD STOCK
 A MAIN
 1st - Roman Pemberton
 2nd - Jim Horten
 3rd - Ken Long
 4th - Cris Dipple
 5th - Ed Krupa
 6th - Randy Martin
 7th - Geoff Keeton
 8th - Tommy Fergeson
 9th - Ralph Walters
 10th - Frank Tucker
 B MAIN

1st - Billy Spence
 2nd - Randy Clarke
 3rd - Joe Goodwin
 4th - Scott Schrammske
 5th - Michael Asronalt
 6th - Eric Nowaczyk
 7th - Robert Pitts
 8th - Matt Wojtkowiak
 9th - John Arlinton
 10th - Eric White
 C MAIN
 1st - Steven Sheilds
 2nd - Daryl Fogle
 3rd - Joe McFaden
 4th - Kenny Chapman
 5th - Glen Carlson
 6th - Scott Smith
 7th - David Greenly
 8th - Ron Eisenacher
 9th - Curtis Wright
 10th - Jeff Roberts
 D MAIN
 1st - Cris Martin
 2nd - Donald McKinny
 4WD MODIFIED
 A MAIN
 1st - Gary Warren
 2nd - Mathew Rodgers
 3rd - Brian Landgraff
 4th - Kirby Hand
 5th - Terry Ruffy
 6th - Jason Belton
 7th - Jess Belton
 8th - Alan Duffy
 9th - Nick Rank
 10th - Ken Long
 B MAIN
 1st - Gene Gideon
 2nd - Phil Stuard
 3rd - Larry Ferrell
 4th - Mike Fraser
 5th - Scott Swan
 6th - Donald McKenny
 7th - Eckhart Eppich
 8th - Donnie Witt
 9th - Norris Cooper
 SPRINT MODIFIED
 A MAIN
 1st - Brian Breckenridge
 2nd - Chris Smith
 3rd - Randy Fisher
 4th - George Vardzik

5th - Davis Kranzel
 6th - Mike Conkey
 7th - Rob Cutman
 8th - Jeff Belton
 9th - James Beachley
 10th - Bert Brasz
 B MAIN
 1st - Alan Duffy
 2nd - Scott Edwards
 3rd - Jeff Greenley
 4th - LT Toomey
 5th - Dave Barber
 6th - Phil Asseff
 7th - Clint Moore
 8th - Howard Boyd
 9th - George Jovonich
 10th - Myron Rote
 C MAIN
 1st - David Carpenter
 2nd - Richie Davis
 3rd - Byron Robertson
 4th - Roger Dieter
 5th - Bob Lease
 2WD MODIFIED
 A MAIN
 1st - Kirby Hand
 2nd - Chris Smith
 3rd - Roman Pemberton
 4th - Ed Krupa
 5th - George Vardzik
 6th - Nick Rank
 7th - Billy Spence
 8th - Jeff Greenley
 9th - Rob Cutman
 10th - Kim Petticord
 B MAIN
 1st - Mathew Rogers
 2nd - David Kranzel
 3rd - Matt Wojtkowiak
 4th - Clint Moore
 5th - Bert Lund
 6th - David Carpenter
 7th - Rich Nordholm
 8th - Scott Schrammske
 9th - Bruce Miller
 10th - Brian Landgraff
 C MAIN
 1st - Bill Bradley
 2nd - Jeff Neiger
 3rd - Howard Boyd
 4th - Ralph Walters
 5th - Jeff Barnett

TEAM ASSOCIATED

STILL THE TOP NAME IN 1/10 OFF ROAD RACING
and 1/10 on road . . . and 1/12 on road . . . and 1/10 gas



R/C CAR ACTION TRUCK OF THE YEAR!

RC10T

A technological breakthrough! This truck's design is similar to the RC10, which has made it the dominant electric truck since its release. Winners race RC10T's.



R/C CAR ACTION CAR OF THE YEAR!

RC10

The RC10 has won 4 IFMAR World Championships, and was voted as Car of the Year by the readers of *RC Car Action Magazine*.



RC10L

On road racers have made our National Champion RC10L car the most popular on road car, and our RC10LSS has revolutionized high banked oval racing, shattering the speed record with an 85 mph run!



R/C CAR ACTION CAR OF THE YEAR!



R/C CAR ACTION CAR OF THE YEAR!

RC12LW

Our family of RC12 cars have won 6 IFMAR World Championships. They're tough to beat!



RC10GT

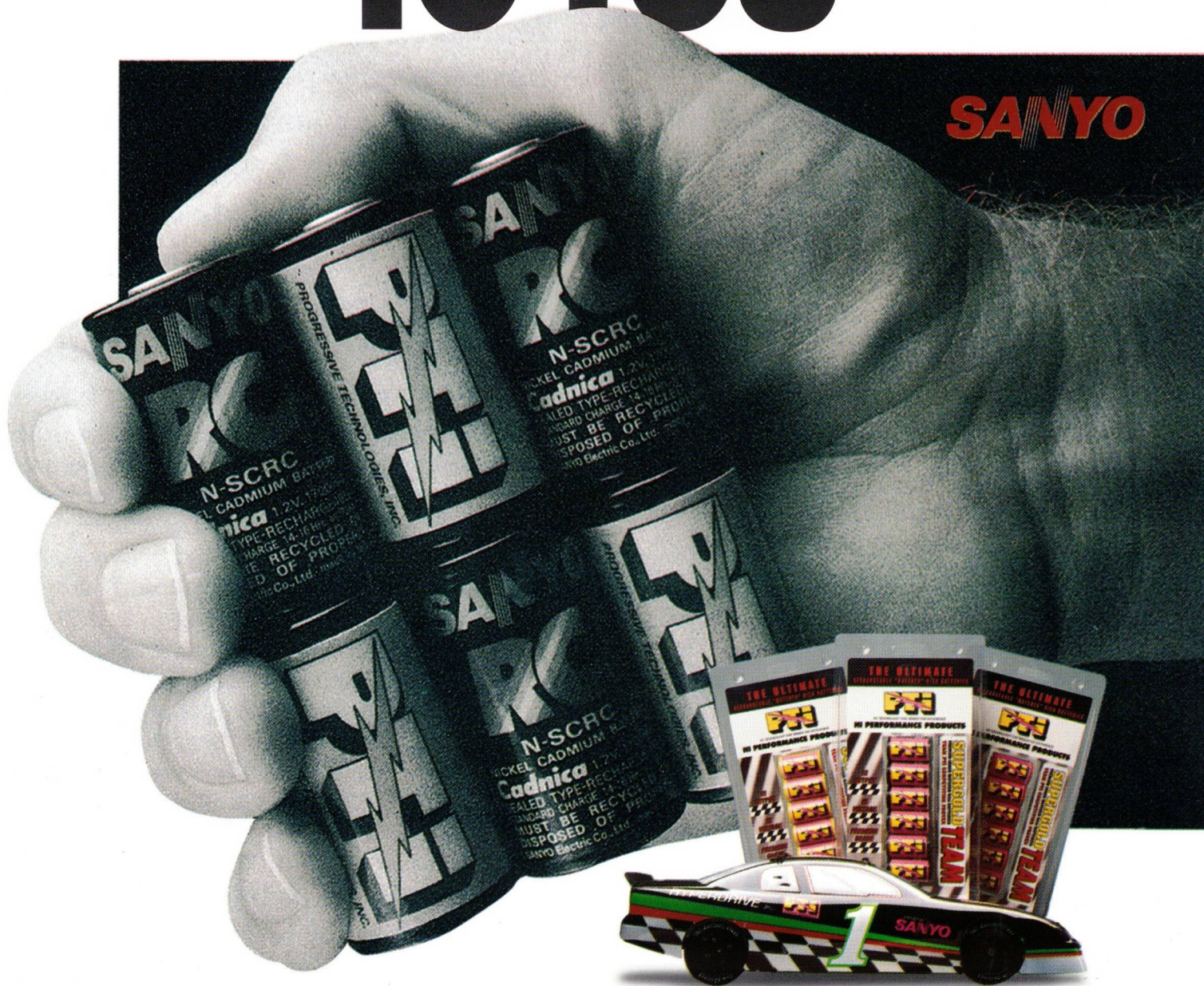
The most advanced 1/10 gas truck available anywhere, setting new track records everywhere.

TEAM ASSOCIATED

3585 Cadillac Ave. Costa Mesa, CA 92626

714-850-9342 fax 714-850-1744

MORE POWER TO YOU



With PTI Power Pack batteries the power is in your hands. Whether you're racing flat out or just flat out having fun, you have the power to cut the juice loose right in the palm of your hand. PTI's batteries are cycled until they are stabilized before being precisely matched into packs. So crank it up with the PTI power pack, and turn up the juice.

FOLLOW THE LEADER

Progressive Technologies, Inc., PO Box 950, Pilot Mountain, NC 27041-0950, Phone (910) 368-1375, Fax (910) 368-1380

If you didn't get to attend you missed one of the biggest events in RC history. The event brought NORRCA closer to complete World Wide recognition.

NORRCA Marches Into 1995

NORRCA

J.R. Stiman

Well as we wave goodbye to 1994 and say hello, to 1995, I feel that NORRCA has made a difference for the outlook of our hobby. Looking back over the past year, I feel that the few changes we made have served a purpose. Although some of the racers were reluctant to change from 7 to 6 cells in Dirt Oval and Off Road, the overall opinion at the close of the year has been very positive. Allowing the Pan Car Sportsman Modified racer to compete in the Sportsman Stock class and not have to compete in the Expert Stock class made a very positive attitude adjustment for the racer. Being the first organization to develop rules for Parking Lot Formula I and Touring Car classes has made a 25% increase in racer turnout. Also providing these classes at the '94 Road Course Nationals helped to triple the turnout over 1993. Of course, the event being in Las Vegas didn't hurt. Our constant pursuit of Dirt Oval racing has helped to level out the decline in racer attendance and actually increased the turnout over 1993 by 15%. This was in part to the addition of the EDM classes and the allowance of 1700 MAH batteries in all classes. NORRCA was the first to develop and publish a complete set of rules for the new NASTRUCK (NORRCA American Speedway Truck) classes. The class has proven to be a big success with its debut at Paul's Stadium Raceway in Florida and the first ever Super Speedway event

at the Dominguez Hills Velodrome. Which by the way I took T.Q. honors and won the "A" main. And no I wasn't the only one entered! We also set the first NASTRUCK World Speed Record of 60.71 MPH. The record was set by one of NORRCA's very own Directors, Chuck Mann. I spoke to Mike Reedy a couple of days after the event and Mike thought it was a little funny that I won the class and Chuck won the speed run. I told him you can do anything you want if you control the computer. Just KIDDING! Everything was on the up and up. I'm sure the class will continue to grow in 1995. Especially with the continued support of companies like Dahm's Racing Bodies, Bolink, and Parma, and I'm sure many more companies to come. The biggest achievement for NORRCA in 1994 was our Truck World Cup. The event brought drivers from outside the U.S. to make it a true World event. If you didn't get to attend you missed one of the biggest events in RC history. The event brought NORRCA closer to complete World Wide recognition. Qualifiers will be held in 1995 for the event, on September 27-29, 1996 at The Ranch Pit Shop in Pomona, CA.

You've all read my column regarding the proposed changes for tires in 1995 and I am very pleased

to say that this column received the highest response of anything I've written to date. I'm also pleased to announce that the program will go into effect for 1995. The intended format is as follows: For Off Road and Dirt Oval State or Divisional races, the Sportsman and Rookie classes will be allowed to practice with any of their own tires. Prior to qualifying, every racer will be required to choose 2 pair of their own tires for use in their qualifying heats. They do not have to choose both pairs of tires at the same time. They can have one set teched for when the track is wet and later tech another set when the track gets dryer. NORRCA will stamp these tires with a heat stamp. These will be the only tires each racer can use. If a racer qualifies for the "A" main event, they will be allowed to use a fresh set of tires. At the Nationals the rule will apply to all classes including the Factory classes. This should dramatically reduce the cost of attending major events and increase the number of attendance. More racers and less expense is what we're looking for.

Moving on to other proposed rules that have or have not been approved, the vote is as follows:

1. Eliminate cap or silicone tires for the Dirt Oval Sportsman classes. - PASSED

2. Slow down the modified classes. - NOT PASSED

3. Use a spec tire for Rookie and Sportsman classes. - PASSED (With the exception of a Spec tire. We will be limiting the amount of tires the racers can use as described above.)

4. Issue handout stock motors for all stock classes. - ???

5. Allow 1700 Mah batteries in Sportsman Modified Pan classes. - Not Passed

6. Require gear covers on all gear box cars for Dirt Oval. - Passed

7. Increase the side dam size of 1/10th Pan Cars to 3.75. - Not Passed

8. Send stock motors to NORRCA for tear down and inspection. - Not Passed

9. Modified motor/battery claiming rule. - Not Passed

10. Bi-level wings will not be allowed on any Sprint Cars. - Passed

Schedules for 1995 are already being set and some events have been awarded.

NORRCA

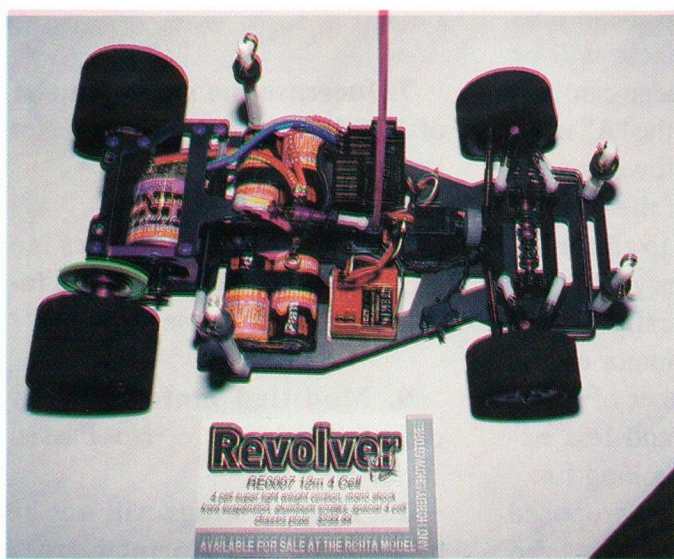
J.R. SITMAN

Chicago 1994

By Barry Fulcher

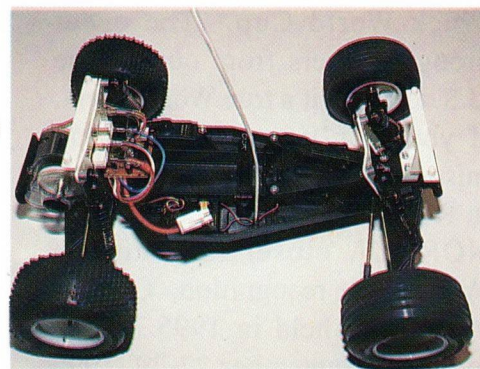
Fall finds me thinking of many things. Indoor road course racing, stocking white tails in the Michigan hardwoods and now a new daydream fills my gray matter. I refer to what I now call hobby heaven. With almost 400 exhibitors showing off their latest wares, the Chicago Model & Hobby Show is truly a heavenly experience. This is where most of the latest high tech toys get their first public appearances. The show lasts for four days and it would take all of that and then some to take it all in. I had one day plus a ten hour round trip drive to get it all in. Taking only one break for a cold drink, and in no time I dove into the task at hand and loved every minute of it. If you ever get the opportunity to do the Chicago show, don't pass it up.

For after the numbness wears off, you will know what a kid in a candy store with a twenty dollar bill feels like.

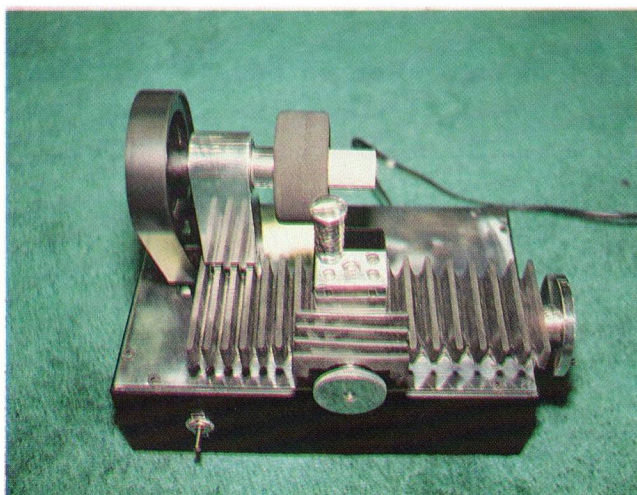


◀ One of the machines that attracted a great deal of attention at the show was Trinity's new Magic Carpet ride. This is the same car that was reviewed in last month's issue.

One of the ▶
leading
manufacturers
in trucks,
MRC unveiled
this new
1/10 scale
chassis.



▶ Most serious
road racers
were giving the
Cobra Micro
Size Tire Truer a
serious look at
Chicago.



When it comes to quality
electronics in the R/C
industry, it's tough to beat
Tekin. New for them was this
BC 5A peak charger.



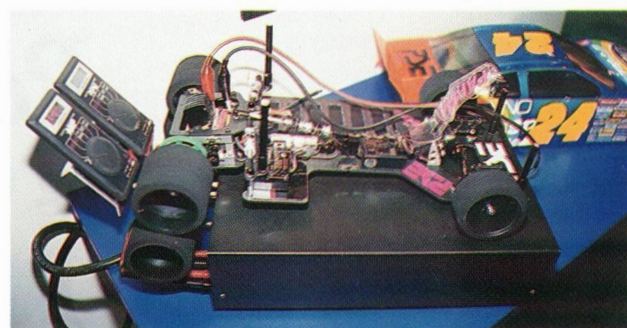
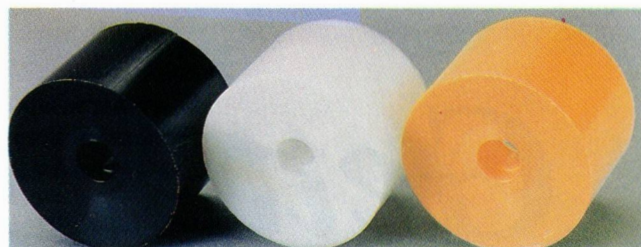


◀ For great off-road fun it's going to be tough to beat Kyosho's Pro-X buggy and Pro -XT truck.

Associated's 1/12 scale dished front wheels. They are available in white, black or florescent yellow.



▲ The Stampede and Rustler trucks from Traxxas caught the attention of the entry level crowd that came to Chicago.



▶ Parma's PSE Thor Dyno



▲ Bringing back memories from the "good ol' days" was BoLink's beautiful Superbird.

One of the busiest booths at the Chicago show was the Hot Bodies' booth. And, with all those great looking bodies hanging around in the booth it was little wonder why. ▶





Getting Started

Part IV

Filling Out The Forms

HOW TO USE THE RACING FORMS

The following information will take you step-by-step through the forms required to complete a racing event. Do as much preparation as possible before race day so the event will run smoothly and get over quickly.

SIGN-UP SHEET

After the Liability Release is signed, the racer is ready to sign-up for racing. You will use the Sign-up Sheet to sign-up all racers.

First, date the form and fill-in the class of racing (ex. Super Sport) in the line provided. It is best to use a separate form for each class of racing you will be doing that day. This way it will be easier to assemble the heats and mains.

The racer will fill in the rest of the form. He will

use one line per entry.

B - Channel # - The racer will put in the frequency channel number (Ex. 68 or 72, etc.) of the car he will be running in that class. If the racer has more than one channel available, then he should write in both choices, with his first choice listed first. If you use his second choice, then you will need to notify him during the Driver's Meeting.

C - Name - The driver will print his name.

D - Best Race - In this column, the driver will write the highest number of laps he has attained in this class of racing at your track. This will be used by the race director to group racers by their ability.

E - Type of Car - The driver will put the manufacturer's name of the car he will be running in



Sign-Up Sheet

Date ____/____/____
 Class **A**

Channel#	Name	Best Race	Type of Car	Number or Color	Amount Paid	Signature
B	C	D	E	F	G	H

that class. This can be used to make sure the driver has signed up for the correct class and to group like cars in the same heat.

After sign-up is over, you will use this for the raw information you need to set up your heat races.

ORGANIZING THE HEAT RACES

Using your Sign-up Sheet, you will start to go through the list of racers and organize your heats. First you must determine how many heats you will be running. This is done by counting the number of racers you have signed up in that class. If you have 29 racers, you would have 5 heats. The first 4 heats would have 6 racers, and the 5th heat would only have 5 racers.

Next, you would determine what racer would go in what heat using two criteria: channel number and racer's ability. First go through the Channel # column and determine what frequencies seem to be overused. If you have 29 racers and don't have a frequency being used more than 5 times, then you don't have a frequency conflict. If you do, you must resolve this before setting up the heats by asking one of the racers involved in the conflict to change their channel number.

The next criteria to remember is the racer's ability. The racing

will be better if you are able to put better drivers with other good drivers and let the novice drivers race together. Also, it is better to start out with the less experienced drivers and hold the better drivers for the later heats. So, for example, you would split all drivers with channel 62 into different heats (numbers 1 through 5) and put the better drivers in heats 3, 4 and 5.

FILLING OUT THE HEAT SHEET

After you have organized the Sign-up Sheet, you will fill in the Heat Sheet. Since you know how many heats you will be running (based on the number of racers), go ahead and fill in the heat numbers and the classes at the top of each heat grid. You would start with heat number 1 and complete your heat numbers without regard to the number of classes you run. For example, if you have 3 heats

of "Open" and 5 heats of "Super Sport Class", then you would number the "Open" Class with heat numbers 1 through 3 and "Super Sport Class" with heat numbers 4 through 8.

A - Channel # - You will take this information from the Sign-up Sheet. Separate the drivers by channel number and then by racer's ability.

B - Name - Record the driver's name as he printed it on the Sign-up Sheet.

C - Car Color or # - This column identifies the racer's car for a manual lap counting system. You can use the number the racer has on the car, the color scheme of the car or you can assign the racer a number and use the special number stickers that are available from several manufacturers.

After these columns are filled out, you are ready to hold your driver's meeting. The rest of the form will be filled out throughout the day.

D - Qualifier columns - After each heat race you will fill in these columns with the results of the race. If a driver runs 32 1/2 laps in the first heat, you will fill that amount in the column marked 1st



Heat Sheet

Date ____/____/____

Heat # _____

Class _____

Channel#	Name	Car Color or #	1st Qualifier	2nd Qualifier	3rd Qualifier	Total	Main Placement
A	B	C	D			E	F

Heat # _____

Class _____

Channel#	Name	Car Color or #	1st Qualifier	2nd Qualifier	3rd Qualifier	Total	Main Placement

AND THE WINNER IS...



ROAR National Champion Modified Truck ROAR National Champion 2WD Modified N.O.R.R.C.A. National Champion Factory Modified Truck
 N.O.R.R.C.A. National Champion Factory 2WD Modified N.O.R.R.C.A. National Champion Expert Modified Truck N.O.R.R.C.A. National
 Champion Expert 2WD Modified ROAR National Champion 2WD Stock N.O.R.R.C.A. National Champion Expert Stock Truck N.O.R.R.C.A.
 National Champion Expert 2WD Stock REEDY Race of Champions USA First Place Over All British National Champion 2WD Modified
 German National Champion 2WD Modified REEDY Race of Champions USA First Place 2WD Open REEDY Race of Champions Japan First
 Place 2WD Invitational REEDY Race of Champions England First Place 2WD Invitational British Grand Prix 2WD Modified 1-3 and T.Q.
 Norwegian National Champion 2WD Modified Spanish National Championship 2WD Modified T.Q. Swiss National Champion Irish
 National Champion 2WD Modified Canadian National Champion Modified Truck Canadian National Champion 2WD Modified Canadian
 National Champion Stock Truck Canadian National Champion 2WD Stock U.K. Truck National Champion REEDY Truck Challenge First
 Place Modified Truck CACTUS CLASSIC First Place Modified Truck CACTUS CLASSIC First Place 2WD Modified CACTUS CLASSIC First
 Place Stock Truck MOTOR MAN CLASSIC First Place 2WD Modified Australian Championship Spanish Cup Off-Road Queensland
 Championship Victorian Championship

EFRA

FEMCA
NORRCA

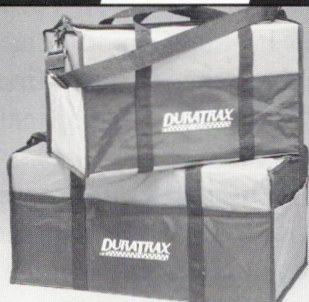
ROAR

TEAM LOSI
Racing

13848 Magnolia Ave. Chino, CA 91710 (909) 465-9400

TEAM DURATRAX[®]

**High Performance Products
for Gas & Electric Racers**



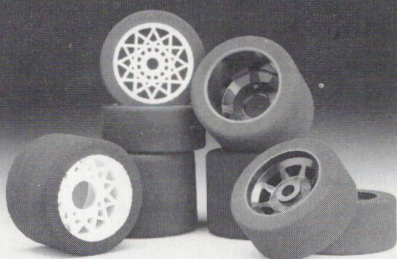
Spacious Field Bags — Washable, nylon Deluxe (18" x 10" x 10") and Extra Large (22" x 12" x 10") feature strong handles, detachable shoulder strap and storage pockets. Collapsible for storage.



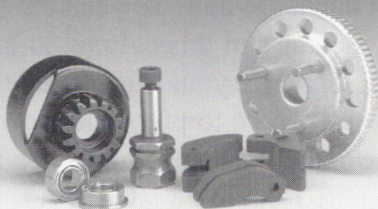
Heat Sink Heads for O.S. .12 CZ-R — These lightweight, machined aluminum heads reduce heat for greater performance. Direct, bolt-on replacements for easy installation and great looks. Two styles available.



Premium Sport Packs — These assembled, 6- and 7-cell packs have everything a sport racer needs, including a choice of Tamiya or Kyosho connector — and 1500 mAh of run-time capacity. Available with Sanyo or Panasonic cells.



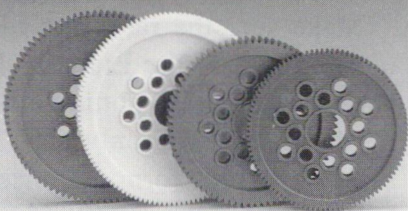
On-Road Tires — Choose from blue, green or yellow foam-rubber compounds. Available mounted and trued on BBS-style rims, or NASCAR-style Pro Series composite rims. Direct replacements for all 1/10 on-road cars.



Clutch Parts — High-performance add-ons for 1/10 and 1/8 scale cars, including Ultralite Clutch Bells, Bearing Set, Carbon Clutch Shoes, 3-Pin Flywheel and O.S. .12 and .21 Clutch Nuts.



PowerLine Motors — Slot Mania™ delivers all-out speed for ROAR '91 stock class racing. 12 x 3 Oval Motor is one of four available modifieds tailored to specific applications. All power — all affordable.



48- and 64-Pitch Spur Gears — Dial in a proper gear ratio for less. DuraTrax's gears are precision-molded for optimum mesh, and made from durable black composite nylon for maximum strength. Direct replacements for all 1/12 and 1/10 scale cars.



O'Donnell Fuel/Kwik-Pit — O'Donnell's 20% nitro and special oil blend deliver the excellent idle and top power that car racers demand. Kwik-Pit's 16 oz. capacity and long, curved neck make fast pit stops easy.



Electronic Speed Controls/Receivers — Lightweight and compact, the DTX-4™ speed control and 2-channel, 27 or 75 MHz mini-receivers offer the quality of Novak Electronics with the DuraTrax price advantage.

**Available at fine
hobby retailers everywhere!**

© Copyright 1993, Hobbico Inc.

Distributed
Exclusively
Through

GREAT PLANES™
GREAT PLANES MODEL DISTRIBUTORS COMPANY
P.O. BOX 9021, CHAMPAIGN, IL 61826-9021



Main Sheet

Date ____/____/____

Class _____
Main _____

Channel#	Name	Results	Placement	Points	Cumulative Points
A		B	C	D	

Class _____
Main _____

Channel#	Name	Results	Placement	Points	Cumulative Points

Qualifier.

E - Total - Use this column if you accumulate heat races for main position. If you accumulate laps, add together the total number of laps run in all qualifiers by a racer and put this number in this column. The racer with the highest number would be the top qualifier.

F - Main Placement - Use this column to organize your main races. If you accumulate laps, you will rank racers by the highest number of laps run, but if you use the best heat system, you will want to determine the best heat of each racer by circling each racer's best heat and then start to determine main placement by the racer with the highest laps run in a single

heat.

Usually you will have as many main races as you did heats. The exception is when a lot of racers drop out because of maintenance problems. Assuming you will run six cars in every main, your top six racers will run in the 'A' main, the next six in the 'B' main and so on down the line. You can use nomenclature in this column to help you organize your Main Sheet that shows where to place the racer in the main. For example, the top qualifier could be labeled A1, the seventh place racer could be B1 and the tenth place racer could be B4.

After all the qualifiers have been run and after all the mains have been placed, you are ready

to go to the Main Sheet and organize your main races.

FILLING OUT THE MAIN SHEET

This sheet will organize your main races. Organize your mains by class starting with your lower mains. For example, if you have 5 mains in 'Super Sport' Class, you would run the "E" main first, then the "D", "C", "B" and finally the "A" main.

A - Channel # and Name - You get the information for the first two columns on this sheet from the Heat Sheet. You will enter the racer's names in descending order, according to their placement in the heat races.

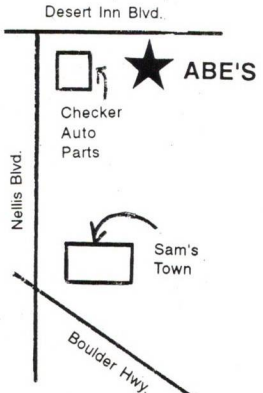
B - Results - This is where you record the number of laps the racer runs in the main race.

C - Placement - This is where you figure the racer's finish. If you have 6 racers in the main there will be placements between 1 and 6.

D - Points and Cumulative Points - This is where you allocate the number of points the racer would get based on his placement. You would only need to use this column if you are administering a points system.

LIABILITY RELEASE AGREEMENT

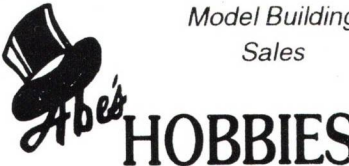
Make sure the racer has filled out and signed the Liability Release Form prior to putting his car on the track. You only need the racer to fill this form out once as it is good for the length of time he/she is racing with you. If possible, you can get the racer to fill out the Liability Release in the hobby shop when you convince him to race or join your local racing club.



Excellent Competitive Prices
 (1 Mile North of Sam's Town Casino
 Behind Checker Auto Parts)
VISA - MASTERCARD - AMERICAN EXPRESS

Radio Control
Model Planes
Boats
Cars

Model Building
Sales



Abes HOBBIES

1-702-433-3831
 3310 So. Nellis Blvd. #30
 Las Vegas, NV 89121



Main Sheet

Date ____ / ____ / ____

Class _____ Main _____

Channel#	Name	Results	Placement	Points	Cumulative Points

Class _____ Main _____

Channel#	Name	Results	Placement	Points	Cumulative Points

Class _____ Main _____

Channel#	Name	Results	Placement	Points	Cumulative Points

Class _____ Main _____

Channel#	Name	Results	Placement	Points	Cumulative Points

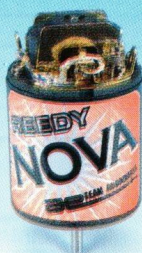
Class _____ Main _____

Channel#	Name	Results	Placement	Points	Cumulative Points

REEDY 12 IFMAR WORLD CHAMPIONSHIPS WORLD CHAMPIONS TOOLBOX

ASSOCIATED ELECTRICS, INC., 3585 Cadillac Ave., Costa Mesa, CA 92626
(714) 850-9342 FAX (714) 850-1744

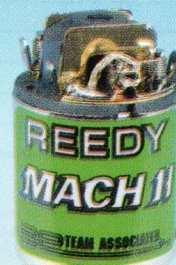
Nova Motors



Designed specifically for off road racing, Nova motors give you winning performance and long life at an inexpensive price. Hand wound. Custom assembled. Diamond trued armature. Dynamically balanced. Dual ball bearings. Adjustable timing. Heat sink holder. Three winds available.

#575, 14 turn double #576, 13 turn double #577, 12 turn double

Mach I & II Stock Motors



Turbo Cooling feature creates a path of cooling air over the brush and commutator assembly, giving you a cooler and more efficient motor. 4.95 "M" wet magnets. 27 turn armature with Turbo Cooling. New can with cooling vents, and more! Mach I is a ROAR legal 24° motor. The Mach II is a NORCCA legal 36° motor.

#556, Mach I #557, Mach II

Sonic Series Modifieds

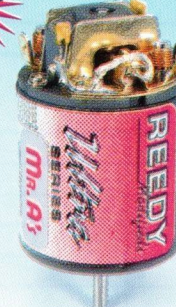
Newest in the line of Reedy motors is the Sonic, with Turbo Cooling features adding to the life and performance of the motor. A new can/magnet setup combined with an all-new large commutator and lay-down brush system provides the torque and power needed for today's racing. Hand wound and precision assembled.



#525-540

Ultra Series Modifieds

World Championship-winning MR. Series motors provide the RPM and performance necessary to win 1:12 on road and 1:10 off road IFMAR World Championships. Each MR. Series motor contains the Ultra Torque Magnet for broader power band. It is resistant to high temperatures, providing a consistent, stronger-running motor during the second half of the race when other magnets start to fade due to heat.



Nova Battery Pack



Nova batteries are developed around the race-proven Sanyo SCRC battery. Cycled and matched, Nova batteries give you the punch you need for high current, four minute off road racing. Sanyo SCRC-SP. Cycled and capacity checked. Matched by capacity. Available in both 6-cell and 7-cell.

#636, 6-cell SCRC #637, 7-cell SCRC

Reedy Ultra Pack



Today's on road racing requires top of the line batteries. The Ultra series SCRC and SCR are matched both for capacity and voltage to give you the power to win. Available in both 6-cell and 7-cell.

#606, 6-cell 1400 SCR
#607, 7-cell 1400 SCR
#634, 6-cell 1700 SCRC
#635, 7-cell 1700 SCRC

MR. Series Brushes

Fit all standard upright Yokomo-type brush systems.



#730, Silver On Road Brush
#732, Competition On Road Brush, Modified and Stock
#737, Competition Off Road Brush
#738, Stock Motor Brush

Sonic Series Brushes

For use in motors with lay-down brush systems.



#760, Competition Off Road
#761, Competition On Road and Stock Motor Brush
#762, Silver On Road Brush

Reedy Modifieds

Reedy Modifieds technology is responsible for winning 12 IFMAR World Championships, more Championships than all the others combined.

REEDY
Modifieds

HOW TO USE THE LIABILITY RELEASE AGREEMENT

This form has been printed so that you can type the name of your hobby shop and/or racing club in the spots where you see the blank lines in the form.

Make sure every new racer signs the form. You should keep the signed copy on file. The racer will acknowledge the signing of this form every week when he/she signs the sign-up Sheet. If you start a racing club then you can make this form a condition of joining.

Use this agreement to help protect yourself against any problem that may arise as a result of you running a racing event. This document will not stop someone from

bringing a lawsuit in the case of an accident but, it at least shows intent on your part to limit your liability.

We suggest that you check with your insurance agent to make sure you are covered by your general business liability agreement for events held by your business outside the walls of your store. In some cases you may need to obtain a rider to your policy. Also, in some cases, your landlord may require you to name them as an additional insured party when you hold an event.

RACE DAY RECEIPTS SHEET

This form will help you keep control of the money you receive from your events. You can add the money to your normal store re-

ceipts, keep it separate for more racing activities or donate it to the local racing club or charity.

Try to keep the entry fees low. It is more important to your business to keep people racing even if you let them race for free. Your profit will be made in the sales of cars, parts and accessories. Use some of the ideas on this form - like the 50/50 raffle - to earn extra money from the racing event.

This form assumes you have started your own racing club. This idea can work in your favor because you can offer club members benefits that keep them loyal to your store. If you don't have your own racing club, you can use some of the lines for other purposes. For example, you may not have different racing costs for club members,



Liability Release Agreement

Date ____/____/____

The person or the parent or guardian signed below shall be termed as the "racer" for purposes of this agreement. This is an agreement between the racer and _____ (Hereafter referred to as "Hobby Shop").

The racer hereby agrees to indemnify and hold harmless the *Hobby Shop*, its officers and employees, _____ (shopping center), their administrators, owners and tenants, or any other organization, person or entity that may be present or sponsors of an event from and against any and all claims that the racer, his agents, his associates, his family or friends for personal injuries, deaths, property damages, cost, or any other claims and expenses, including reasonable attorney fees arising from or in anyway connected with any event conducted by the *Hobby Shop*.

The racer agrees to be solely responsible for all equipment, radio gear, personal property, etc. utilized in connection with the event and the racer does hereby waive any right of recovery against the *Hobby Shop* and all other listed above for the loss, damage, theft of such equipment, personal property, etc.

The racer agrees to be responsible for any spectator, friend or other that may attend an event with the racer and that person shall act in accordance with the *Hobby Shop* and facility rules that may be in force. In addition, the racer is responsible for any damages caused by the operation of his vehicle, and does not hold the aforementioned organizations responsible in any way.

Signature of Racer

Hobby Shop Official

Signature of Parent, if racer
is under 18 years of age

Date of birth, if racer
is under 18 years of age

but you may have different costs for junior racers and adults.

A - Date - Date the form with the date you actually hold the event.

B - Racing Entry Receipts - you will get the information for this entry from your Sign-in Sheets. Total the number of racers in each class of racing. Separate the members from the non-members (the juniors from the adults or the 'Open Class' racers from the "Super Sport Class" racers) and record the number of racers in the correct line. You know how much you charge for each type of racer, so multiply the number of racers by the cost to get the Amount Received. Add the totals from the two Amount Received boxes to get the Total Racing Entry Receipts.

C - 50/50 Receipts - If you run a 50/50 raffle for the club or for your store, use this box to record the money you get from the raffle. Record the amount collected on the first line. Record the name of the winner on the second line. Divide the Amount Collected by 2 to get the amount paid out to the winner.

Subtract the Amount Received by the amount paid to the winner for the Total 50/50 Received line.

D - Membership Dues - Use this area to keep track of the money your club members are paying for yearly dues. Record the person who paid the dues and the amount they paid. There is room for 6 people to pay their dues per race day. If more than that actually pay, use two forms and add them together. Add all the receipts for that day to get the Total Membership Dues Collected.

E - Special Race Entries - Use this box to keep track of any special events you may have going on in the future where you will require advance payment. This could encompass an Endurance Race, a Charity Race or even a Concourse Event. You record the person who paid for the event and the amount they paid you. Add all the receipts from this box to get Total Special Race Entries Collected.

F - Concession Receipts - Totaling your receipts from selling food and other miscellaneous items - like T-shirts - and put the amount collected on the line marked Total Concession Receipts.

G - Other Receipts - in this section list all other receipts. Record the reason you received the money and who the money is from. Add the lines and record the total on line Total Other Receipts.

H - Grand Total - Add the lines totaling all boxes (lines in bold letters) and record this amount on line Grand Total Receipts For The Day.

I - Verification - Have the race director and one other person verify the count and sign the form.

HOW TO ACCUMULATE

RESULTS FOR THE MAIN RACES

There are two different ways to determine placement for your main races.

1. Total laps from both of the heat races.

You can accumulate the total laps from both of the heat races. So, if a racer runs 25 laps in the first heat and 23 laps in the second heat, she/he would have 48 for the day. If a second racer ran 27 laps in the first heat and 18 laps in the second heat she/he would have 45 laps for the day. In this case the first racer would be placed higher in the main than the second racer.

The positive aspects of this system are that it encourages consistent driving and takes away the advantage of having that one killer battery pack, it is easy to figure for the race director and eliminates many



Race Day Receipt Sheet

A Date ____/____/____

B Racing Entry Receipts

Number	Amount Received
Members	\$ _____
Non-members	+ \$ _____
Total Racing Entry Receipts	\$ _____

C 50/50 Receipts

Amount Received	Amount Collected
\$ _____	\$ _____
- \$ _____	\$ _____
Total 50/50 Received	\$ _____

D Membership Dues

Collected From:	Amount
_____ \$ _____ / _____ \$ _____	\$ _____
_____ \$ _____ / _____ \$ _____	\$ _____
Total Membership Dues Collected	\$ _____

E Special Race Entries

Collected From:	Amount
_____ \$ _____ / _____ \$ _____	\$ _____
_____ \$ _____ / _____ \$ _____	\$ _____
Total Special Race Entries Collected	\$ _____

F Concession Receipts

Total Concession Receipts	\$ _____
----------------------------------	-----------------

G Other Receipts

Reason	From	Amount
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
Total Other Receipts		\$ _____

GRAND TOTAL RECEIPTS FOR THE DAY **H** \$ _____

Received, Counted and Verified By: **I** _____

© Copyright 1994-2020/2021



Class _____



Heat Sheet

Date ____ / ____ / ____

Heat # ____

Class ____

Channel#	Name	Car Color or #	1st Qualifier	2nd Qualifier	3rd Qualifier	Total	Main Placement

Heat # ____

Class ____

Channel#	Name	Car Color or #	1st Qualifier	2nd Qualifier	3rd Qualifier	Total	Main Placement

Heat # ____

Class ____

Channel#	Name	Car Color or #	1st Qualifier	2nd Qualifier	3rd Qualifier	Total	Main Placement

Heat # ____

Class ____

Channel#	Name	Car Color or #	1st Qualifier	2nd Qualifier	3rd Qualifier	Total	Main Placement

Heat # ____

Class ____

Channel#	Name	Car Color or #	1st Qualifier	2nd Qualifier	3rd Qualifier	Total	Main Placement

ties. The negative of this system is that it is not usually the way a computerized lap counting system would place racers in the main. If you have a lot of racers used to a computerized system, you may run into some resistance.

2. Single highest laps in any heat race.

The racer with the single highest laps in any heat race would be top qualifier. This method more resembles a computerized system. For example, if racer #1 ran heats of 22 and 24.5 and racer #2 ran heats of 6.75 and 26.25, then racer #2 would be top qualifier. You take the best heat that the racer has during the day and compare it against the best heat for every other racer. If you were running 6 racers in the

main then the six best heats for the day would make the A main.

The positive aspects of this system are that it resembles a computerized system so experienced racers will be familiar with it and it puts the absolute fastest cars into the highest mains. The negative is that there will be a lot of ties that will be hard to break unless you have a sophisticated method for determining where the cars are on the track when the race is ended. You can overcome this problem by measuring how far a car is from the start/finish line at the end of the race, but this is tedious and time consuming.

F - Number or Color - If you use a manual lap counting system, you may want to know what num-

ber the racer has on his car or what color scheme he is using for visual identification.

G - Amount Paid - This is where the racer will indicate the amount he paid for the class he is running. This can be helpful when doing the End of Day Receipts Form. You may have different types of racers who pay different amounts. You may have a club where members race for less than the general public or you may let younger racers race for less than adults.

H - Signature - By signing, the racer is acknowledging that he has read and signed the Liability Release Form.

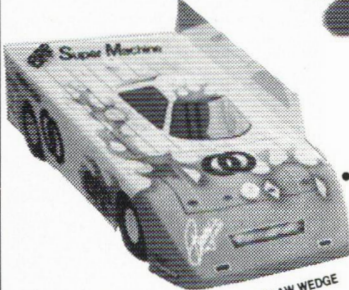
CP



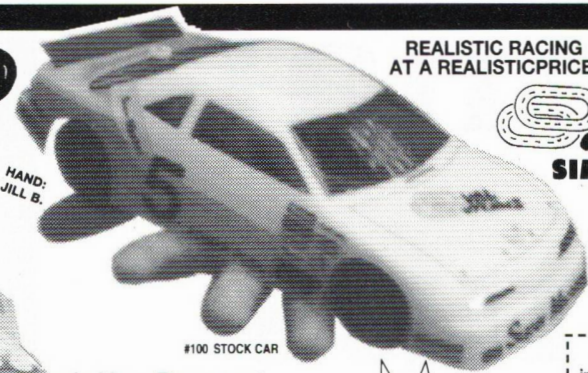
MODEL RACING PRODUCTS

REALISTIC RACING
AT A REALISTIC PRICE!

VAL
UTRAWS
SIMPLY
FUN!
IN 1/18TH
SCALE



#101 OUTLAW WEDGE



#100 STOCK CAR



#102

- In Your Basement
- In A Parking Lot
- In Your Garage
- At The Track
- Pure Driving Fun!
- Simple Chassis Design
- Easy to Assemble

ONLY \$49.95

DIRECT FROM BRP

SUGGESTED RETAIL \$59.95

TO ORDER: Fill out below, send Check, M.O., or include VISA info. Or contact your Hobby Dealer.

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

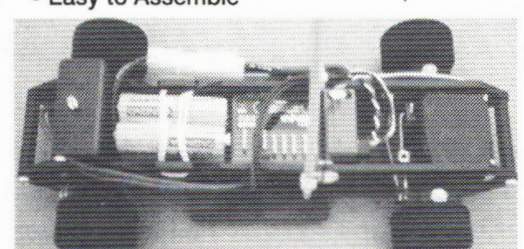
Phone () _____

VISA Card No.: _____

Expiration Date: _____

Signature _____
(as appears on card)

- Uses Standard Radio Equip.
- Uses 4 AA Ni-Cad's (not included)
- Powerful Mini Motor
- Mounted & Trued Tires
- Tough Clear Body
- Runs 20-25 Min. Per Charge! Just think—a FULL RACE WEEKEND on one charge!



# 100 Stock Car	(\$49.95)	_____
# 101 Outlaw Wedge	(\$49.95)	_____
# 102 Sprint Car	(\$49.95)	_____
# 355 Ball Diff. Kit	(\$18.00)	_____
# 440 4-Cell Batt. Pack	(\$15.00)	_____
Quantity Total	\$	_____
Shipping & Handling	\$	5.00
Ohio Res. Add	\$	2.75 tax
Grand Total Enclosed	\$	_____

**DEALERS
CALL FOR
SPECIAL INFO**

1575 LOWELL STREET, ELYRIA, OHIO 44035

PH (216) 284-0270 • FAX (216) 284-0271

For Catalog and Decals, Send Large Self-Addressed 52¢ Stamped Envelope with \$2.00.

1994 NORRCA Road Course National Champs

By Dan Lantz

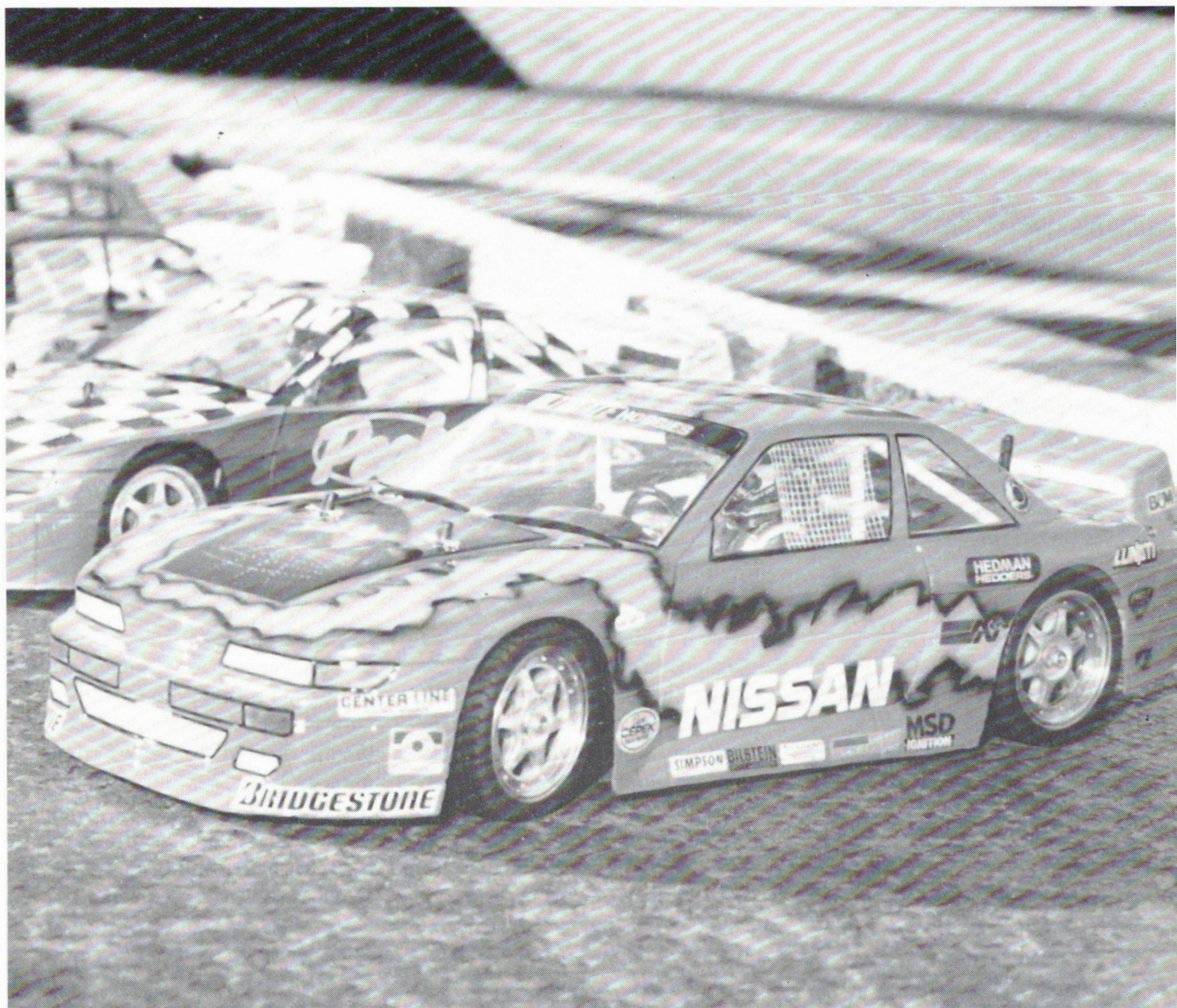
Photos by Ian Allen

The Las Vegas Road Racers had the honor and privilege of hosting this year's NORRCA road course nationals at the club's premier on-road facility, Silver Bowl Speedway. October is always a big month at the Silver Bowl Sports Complex and this year was no exception as the local quarter scale club held their

own Vegas Nationals earlier in the month, and the eighth scale gang had just wrapped up their annual Paris Fall Challenge the weekend prior to our race. And, as if that wasn't enough, the R/C airplane guys were holding their Tournament of Champions on the same week as the Nats! There was room for all how-



This event attracted some of the best looking machines the author had seen in some time.



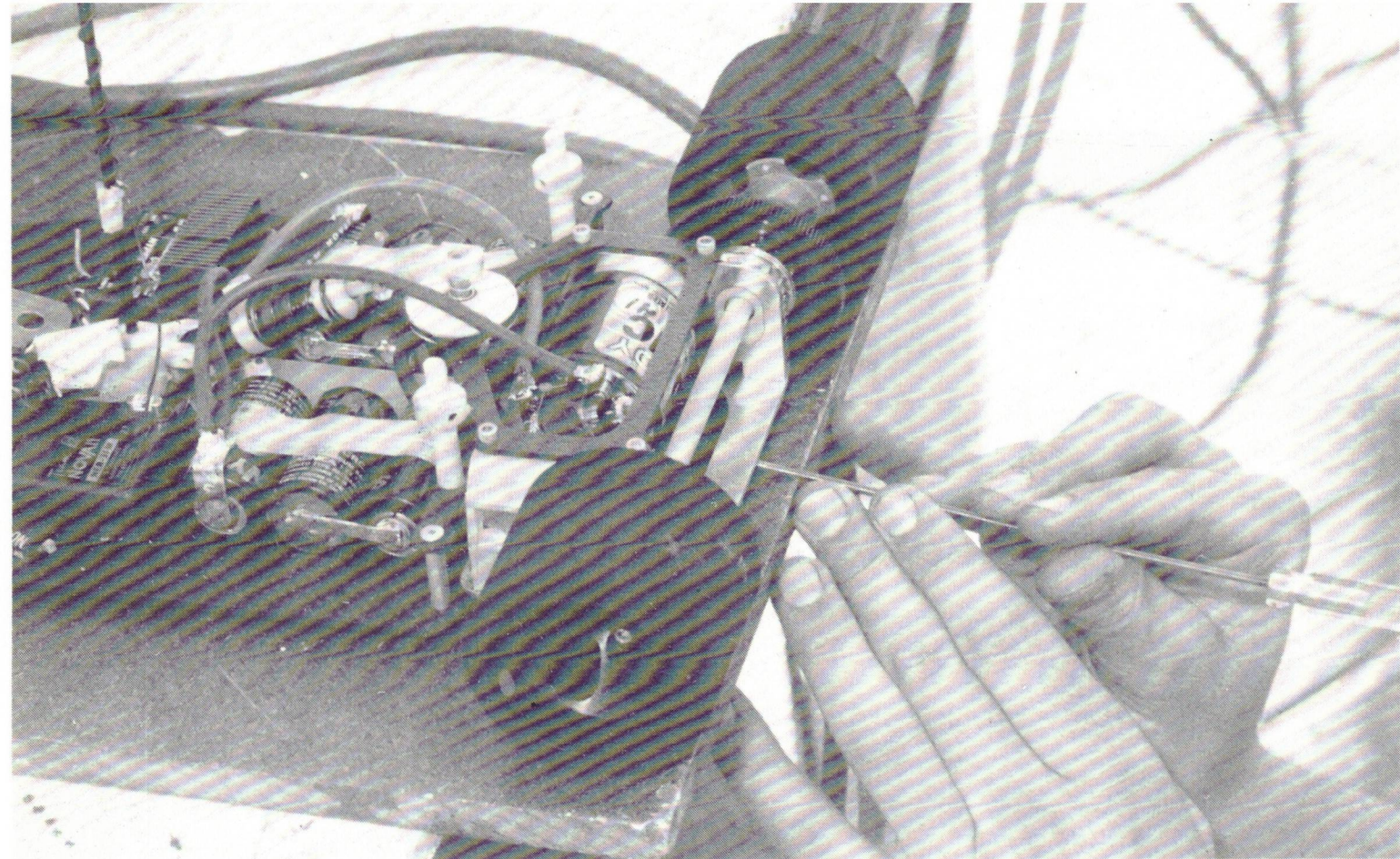
ever, as the racers began filling up the pits for the scheduled three days of practice. Saturday was three rounds of qualifying and Sunday had a last chance qualifying round before the mains.

The track was in excellent condition, partly due to the Paris race on the previous week. Norm and the Vegas R/C club allowed the Road Racers club to use their barriers, which were already in place. The club had initially planned to use the same layout as the 1/8 scale racers, but the track was way to big. By moving

a few boards and lots of experimenting, the track readily adapted to National caliber racing standards. With perfect weather and over 165 racers entered for the event, the stage was set for a true test of man and machine to determine the 1994 National Champions.

Formula One A-Main

Tyree Phillips earned the top qualifying position and sat on the pole waiting for the start. On lap one Phillips had already started to open up a nice lead over Steve Chamberlain and Mark Matuszek. By lap



AUTOSCORE

The ultimate race scoring and race management program

- Menu driver - user friendly
- Quickly resolves frequency and number conflicts
- Sets up heats and mains in minutes
- Scores all qualifiers and mains by racer's name
- Will score up to 10 qualifiers and 1 main for each racer
- Can handle up to 1000 racers in 30 classes
- Prints complete standings by name or position
- Positions, lap times and speeds continuously displayed
- Runs on IBM pc or Comptable
- Only \$250, PRO version \$450
- Can be used with the AMB scoring system
- 1/4 scale version also available

AUTOSCORE IS THE VERY BEST

You can customize the program to your race format. It has been designed and modified over the years to handle all race conditions. You will not find a better program on the market. Call or write for a FREE demo disk and check it out for yourself.

B & B Software - 2146 Palomar Ave
Ventura, Ca 93001 (805) 643-2042

two, his lead was increased as Chamberlain never made it back to the line, his race ended by mechanical difficulties. Frank Killam made his move and took over the second position as Matuszek slipped to third. The places remained fixed from that point as Phillips sailed to an easy wire to wire victory to become the F-1 National Champion for 1994. B-main winners were Jason Ashton 1st, Mace Horowitz 2nd and Dan Devy 3rd.

Sportsman Touring Car A-Main

These cars were very sensitive to track conditions and as a result, tire selection was critical. Depending on which tread compound used, as there seemed to be an even mix

of capped slicks and treaded tires, the cars were prone to spinning out or traction rolling. Top Qualifier Greg Hodapp found the right combination to put his Peak Performance/Orion Yokomo YR4 up front for the start of the A main. At the sound of the tone the racers hit the track running and were blessed with a very clean start. Hodapp and the 2nd qualifier of Mike Hickman start to pull away from the field before Hickman takes the lead with a nice move only to stuff his car into a board. That bobble allows Hodapp to open up a straight-away length lead as Steve Chamberlain moves up to challenge Hickman. Chamberlain dazzles the crowd of spectators with a brilliant pass to take

Here is an excellent shot of Kevin Jelich setting the tweak on his 10L prior to his A-Main run. As you may know, the tweak is basically the balance of the chassis between the right and left side.

over second, and then proceeds to traction roll on the part of the track farthest from any Marshall. Hodapp is still flying as Hickman remained second and Doug Kott makes his presence known amongst the front runners. Hickman spun out and Kott finds himself in second, chasing the leader only to stuff his car into a barrier!! Hickman again retakes second and Chamberlain manages to move back up into third as time expires and Greg Hodapp is crowned the Sportsman Touring Car National Champion 1994. Winners in the B main were, Bob Lourenco 1st, Chuck Mann 2nd, and Jon Shigetomi 3rd.

1/10 Sportsman

Stock A-Main

The start of this main saw a horrible wreck in the first turn caused by Top Qualifier Dan Lantz turning into the first turn about three feet too soon! (Sorry, I was kinda nervous.) This resulted in a scene from Death Race 2000, as the marshall tried to separate a colorful pack of snarling, screaming, lexan ripping GTP cars. The marshall should be given a medal for courage and a job well done, as he sorted the mess out admirably. Emerging from the pack and taking the lead was the second Qualifier of David Goss and third Qualifier Bob Lourenco. Right behind the two leaders, Dave Koch and Bob Casper were fighting it

out over third. The main event was up front however as Goss and Lourenco picked up the pace and both pulled away from the field. With about 30 seconds left in the race, Lourenco decided the time was right and took the lead with a clean pass. Lantz had recovered from his earlier mistake and was now running in 3rd. He was starting to pressure Goss as time expired and Bob Lourenco, with a well deserved win, was the new Sportsman Stock National Champion. B-main honors to Mike Kelly 1st, Marc Mitchell 2nd, and Keith Crawford 3rd.

1/10 Sportsman

Modified A-Main

The start of this main saw (and

THE NAME TO REMEMBER IN SANYO R/C BATTERIES



- ★ Authorized Sanyo Distributor - This means fresh stock for cells each month
- ★ All Types of Sanyos Available
- ★ We Assemble Any Type of Pack
- ★ 14 Gauge & 16 Gauge Silicone Wire on Car Packs
- ★ Special TPE Manufacturing Process - Wires exit top/side of battery pack which makes for an easier fit in all cars
- ★ All Type Receiver Packs Available (gas cars, airplanes, etc.)
- ★ Turbo Matched Sanyos (1400 SCR's & 1700 SCRC-SP's)

***MATCHERS, We sell case lots of 1400's & 1700's.
Give us a call for a quote!***

Technical Product Engineering

241 S.E. Airpark Dr., Bend, OR 97702

(503) 385-8685

heard!) lots of banging. The top three qualifiers managed to extract themselves from the fray with the 2nd qualifier of David Goss taking the point followed by the 3rd qualifier of Dave Koch and Top Qualifier Kelly Duncan. The leaders are all over each other as Duncan waits patiently for the inevitable mistake. His wait is short lived as he quickly slipped into second past Koch. The three are racing inches apart for what seems an eternity! The crowd is going nuts, as it's anybody's race! Koch falls slightly off the pace allowing the two front runners to pull ahead ever so slightly. Then, suddenly with an amazing burst of

speed, Duncan blows by Goss for the lead! Goss then tags a board (probably got caught in the jet wash of Duncan) and that's how they finished, just like they qualified, 1-2-3. Kelly Duncan is your new 1994 Sportsman Modified National Champion.

1/12 Expert Stock A-Mains

This class, as were all expert classes, utilized the triple A main format. As most racers agree, multiple A mains are the only way to go, especially when deciding any kind of championship. For those who are unfamiliar, the rule is that the racer's best two scores count, and the worst main is a

throw-out only to be used as a tie-breaker if needed.

A1, this very exciting race saw lots of lead changes through the entire 8 minute duration. Top-Qualifier Andy Power had his hands full with 2nd qualifier Ken Prue, and 3rd qualifier Robert Gillespie. At the finish, Power had opened up a huge lead for an easy win followed by Prue and Gillespie. A2, almost a replay of the first race as Power takes a big win and the championship. The real race develops for second as this time Gillespie edges Prue and both racers are tied going into the final main. A3, Andy Power is already the new National Champion

Tech inspection is always a tough job, and at times the inspector comes off as the bad guy. NORRCA Director Rick Phelps did an excellent job all weekend long and received high praise from the racers. Here he is examining a Formula 1 car after it had completed the A-Main.



and could sit this race out, but Champions don't sit, they race. Power and his Associated/Reedy/Stage III, car motored on to yet another easy win making it a sweep. The battle for second was still hot and heavy as once again it was Gillespie and Prue going at it in the second and third positions. Prue held off Gillespie, finishing second in the main and overall. Gillespie earned third overall honors. Andy Power also wishes to thank Calandra Racing Products, Irrang Racing, and Parma/PSE for their help in his becoming the 1994 1/12 Expert Stock National Champion. B-main trophies to Andy Wells 1st, Charles Abner 2nd and Mike Wong 3rd.

1/12 Expert Modified A-Mains

A1, the Top Qualifier Tony Neisinger and runner-up qualifier Kevin Jelich put on a driving show that thrilled the racing fans. Both make numerous passes for the lead throughout the eight minute affair, as Bobbe Ochoa, Jim Walls. and Andy Wells were putting on a similar display in their battle for third. Neisinger and Jelich pull away from the field and Jelich uses his horsepower advantage to snatch the win. Walls takes third over a dumping Ochoa. A2, once again it's Neisinger, Jelich, and Walls at the start, but it soon develops into the Tony and Kevin show! This is the race of the day, as the spectators ohh and ahh at the speed and skill these world class racers display. Jelich locks up the championship with another win and Neisinger scores second over Ochoa. A3, this race was anti-climactic as Jelich had already taken

the crown, and Neisinger had the runner-up spot secured. Both racers still answered the call to the line for a race that would decide 3rd overall. Ochoa and Walls were tied on points going into this one. The big race never materialized however as Ochoa was forced out by mechanical woes after three laps. Jelich was out under similar circumstances after only eight laps as Neisinger motored on uncontested for the easy win, followed by third overall Walls. By virtue of his two A main wins Kevin Jelich, running an Associated 12LWS powered by a Reedy 15 Quad/Reedy Batteries, was crowned the 1994 1/12 Expert Modified National Champion. Jelich also wanted to thank Kimbrough/IRS and Novak for all their help. Charles Abner emerged victorious from a heated B-main battle.

1/10 Expert Stock A-Mains

A1, this was a very close and exciting race between Top-Quali-

fier Andy Power and the 4th place qualifier of Paul Cathey. The race literally came down to the wire as Cathey took the win by a mere 3/10s of a second!!! (who says transponder location isn't that important?) The 7th place qualifier, Brian McDonald came home in third. A2, as if that race wasn't close enough, this race was even closer! This time Cathey had his hands full with the number three qualifier of Ralf Severt as Power was well off the pace. Severt took the win with an incredible 4/100's margin of victory over Cathey, as McDonald again took third. A3, the final main saw Cathey well off the pace this time as Power was setting it. Number two qualifier Ken Prue showed up to challenge Power, but Power was not to be denied this time, taking the win over Prue and (who else?) Brian McDonald in third. With Power and Cathey both having a win and a second place finish, this was the only race that had to go to the throw-out race to be used for the

FOR THE LATEST NEWS IN THE R/C CAR WORLD, SUBSCRIBE TO COMPETITION PLUS

**AT A SAVINGS OF 35% OFF THE
COVER PRICE!**

\$26.00 per Year 12 Issues

CALL (714) 830-2290

Visa/MasterCard Accepted

tie-breaker. Cathey's fourth place throw-out was better than Power's seventh place throw-out and Paul Cathey was crowned the 1994 Expert Stock National Champion. Cathey, who drove his HPI/Assoc, Maxtec/Stealth powered car to the winner's circle, also wished to thank Tekin, CKW and So.Cal. Raceway.

1/10 Expert

Modified A-Mains

A1, the start of the first main of the biggest class suffered from lots of banging early on, with Top Qualifier Barry Baker taking the worst of it. Kevin Jelich got the best of it and led Brent Wallace and Mark Matuszek in the early stages. Tony Neisinger moves into third, only to be passed by a hard charging Baker. Baker charges a little too hard and clips a board allowing Neisinger back into third. As time expires, Jelich takes the win, followed by Wallace, Neisinger, and Baker, who all finish on the same second, separated only by hundreths. A2, a clean start for this main saw Baker, Jelich and Neisinger all pull away from the pack. Jelich catches a dot and Neisinger slips by, while Baker is blazing up front. Jelich and Neisinger are really going at it (cleanly) and before you know it, Wallace shows up and just to make it interesting, takes over third! Baker takes a decisive win over Jelich and Neisinger, who finished less than a second apart in front of Wallace. A3, Barry Baker was not to be denied as his Associated 10LS, powered by a Maxtec 13/triple and Stealth Batteries launched from the pole position and lit the track on fire! Jelich,

Wallace and Matuszek tried to catch Baker, but nobody could come close. Baker took the win and the championship followed by Wallace and Matuszek. Barry Baker wished to acknowledge Maxtec, Associated, Stealth, Jaco and A-Main for their helping him to become the 1994 1/10 Expert Modified National Champion.

Concours

Concours entries were broken down into two categories, GTP and Touring/Fl. Taking top honors in the GTP class was Mel Levine with his awesome Momo Ferrari. Bobo' "The Flying Hawaiian" Butires took 2nd, and Ken Green, with a Steve Strobl paint job finished 3rd. Touring/Fl class had Steve Nguyen winning with a gorgeous touring entry. Pirbunbar earned 2nd over Bob Sager, 3rd.

Thank You

A huge thank you goes out to all the members of the Las Vegas Road Racers R/C club who worked many long hours in tech, track prep, scoring, and all of the many related duties involved in putting on a National Event. Thanks to; Steve Strobi, Ken Green, the tech crew of Robert, Pat and LeeAnn, who worked tirelessly under the direction of NORRCA's own Rich Phelps, Stephanie and Suzy the score keepers and Mitch our announcer. There are more who helped out, pitching in, giving breaks, etc. you know who you are and the success of the event is due wholly on your efforts. THANK YOU.

NORRCA and The Las Vegas Road Racers also wish to thank the sponsors for their support. And certainly not least, thanks to all the

racers that attended, and made the 1994 NORRCA ROAD COURSE LS the fantastic event that it was. Thank you.

EXPERT STOCK

A Main

- 1st - Paul Cathey**
- 2nd - Andy Power**
- 3rd - Brian McDonald**
- 4th - Ralf Severt**
- 5th - Ken Prue**
- 6th - Greg Larson**
- 7th - Fred Hubbard**
- 8th - Kenny Koch**
- 9th - Mike Means**
- 10th - Derek Povah**

B Main

- 1st - Eric Brust**
- 2nd - Brian Boudakian**
- 3rd - Jason Aston**
- 4th - Brian Rutherford**
- 5th - Randy Harada**
- 6th - Steven Jackson**
- 7th - Tracy Curtis**
- 8th - Charles Abner**
- 9th - Blaine Shirkey**
- 10th - Richard Saxton/DNS**

SPORTSMAN STOCK

A Main

- 1st - Bob Lourenco**
- 2nd - David Goss**
- 3rd - Dan Lantz**
- 4th - Dave Koch**
- 5th - Vince Argento**
- 6th - Brick Casper**
- 7th - Antonio Ruiz**
- 8th - Alexie Guinitaran**
- 9th - Larry Dowell**
- 10th - Daniel Guastaferro**

B Main

- 1st - Mike Kelly**
- 2nd - Marc Mitchell**

3rd - Keith Crawford
4th - Eric Bell
5th - Ken Green
6th - Chad Haskell
7th - Bobo Butires
8th - Omar white
9th - Billy Pat
10th - Victor Pat
1/12 EXPERT STOCK

A Main

1st - Andy Power
2nd - Ken Prue
3rd - Robert Gillespie
4th - Mason Marks
5th - Gus Rosal
6th - Rich Maupin
7th - Mike Kresser
8th - Jeff Goodier
9th - Antonio Ruiz
10th - Brian Jones

B Main

1st - Andy Wells
2nd - Charles Abner
3rd - Mike Wong
4th - Lee Criger
5th - John Thompson
6th - Larry Dowell
7th - Dan Lantz
8th - Fred Medel/DNS
9th - Terry Hall/DNS
10th - Bob Boulette/DNS

FORMULATKS

A Main

1st - Tyree Phillips
2nd - Frank Killam
3rd - Mark Matuszek
4th - Jim Walls
5th - Fred Medel
6th - Todd Throne
7th - Tracy Curtis
8th - Suparat
9th - Dan Lantz
10th - Steve Chamberlain

B Main

1st - Jason Aston
2nd - Mace Horowitz
3rd - Dan Devey

4th - Brian Rutherford
5th - Jay Kimbrough
6th - Wallace Kile
7th - Donald Natale
8th - Rich Maupin
9th - Noby Itakura
10th - John Giblin

C Main

1st - Mark Pat
2nd - Bill Dunbar
3rd - Dan Moynihan/DNS
SPORTSMAN MODIFIED

A Main

1st - Kelly Duncan
2nd - David Goss
3rd - Dave Koch
4th - Bobo Butires
5th - Mike Kresser
6th - Dewey Hill
7th - Bob Boulette

EXPERT MODIFIED

A Main

1st - Barry Baker
2nd - Kevin Jelich
3rd - Brent Wallace
4th - Tony Neisinger
5th - Mark Matuszek
6th - David Potter
7th - Jim Walls
8th - Frank Killam
9th - Suparat
10th - Bobbe Ochoa

B Main

1st - Mace Horowitz
2nd - Brian McDonald
3rd - David Gestoso
4th - Ralf Severt
5th - Jason Aston
6th - Jeff Goodier
7th - Ken Jones
8th - Jay Kimbrough
9th - Josh Cyrul/DNS
10th - Kenny Koch/DNS

C Main

1st - Mike Means
2nd - Lee Criger
3rd - Joe Brunson

4th - Mel Levine
5th - Mark Pavidis/DNS
Sportsman Touring Car
A Main

1st - Greg Hodapp
2nd - Mike Hickman
3rd - Steve Chamberlain
4th - Doug Kott
5th - David Gestoso
6th - Steve Nguyen
7th - Christian Durand
8th - Frank Killam
9th - Derek Furutani/DNS
10th - Sam Ellis/DNS

B Main

1st - Bob Lourenco
2nd - Chuck Mann
3rd - Jon Shigetomi
4th - Troy Morris
5th - Ron Ponce
6th - Tracy Morris
7th - Don Impens
8th - Ted Bacon
9th - Jeff Goodier
10th - Bob Sager/DNS

C Main

1st - Rodolfo Sanchez
2nd - Mark Pat
3rd - Wally Kile/DNS
1/12 EXPERT MODIFIED

A Main

1st - Kevin Kelich
2nd - Tony Neisinger
3rd - Jim Walls
4th - Bobbe Ochoa
5th - Andy Wells
6th - Ken Jones
7th - Ned Cullen
8th - Robert Gillespie
9th - Richard Lake
10th - Josh Cyrul

B Main

1st - Charles Abner
2nd - Chuck Burns
3rd - Scott Burciaga
4th - Joe Brunson/DNS

CP

ALABAMA

THUNDER ROAD SPEEDWAY

Racing indoors on carpet for 1/10 and 1/12 scale cars is what's in store for those of you who come out to this track. Along with the circuit, this speedway also has a hobby shop, snack bar, AC, power and RV access. In addition, all scoring is done with an auto count system. The track is located at 108 Park Road, Pleasant Grove, AL 35127. For their latest racing schedule call (205) 744-0107.

ARIZONA

HOBBYTOWN U.S.A., PHOENIX

Racing for 1/10 scale asphalt oval every Sunday at 1:00 p.m. at "Bell Canyon" Pavilions. Located at 2814 W. Bell Rd. Phoenix, AZ 85023. Phone (602) 993-0122.

HOBBYTOWN U.S.A., GILBERT

1/10th and 1/12th electric outdoor asphalt 100 ft. oval. Racing held twice a week, 12 months a year. Drag racing held on the 1st and 3rd Tues. of every month. Fully stocked hobbyshop, classes for all cars, and computer scoring make for a great racing experience. For race times and more information contact HobbyTown; Gilbert & Baseline Rd., Gilbert, (602) 892-0405.

HOBBYTOWN U.S.A., SCOTTSDALE

1/10th and 1/12th electric outdoor asphalt oval. Year 'round racing twice a week in the warm Arizona sun. Fully stocked hobby shop and nearby restaurant/hotel accommodations make this a perfect R/C get-away. For race times and information contact Hobbytown; Indian Bend and Pima, Scottsdale, AZ (602) 948-3946.

ARKANSAS

TRI STATE R/C

On-road and paved oval 1/10 cars will find a home at this facility. Racing is done on an indoor carpet track, and along with the circuit there is a hobby shop, snack bar, A/C power and scoring is done with an auto count. The track is at 409 North 4th, in Fort Smith, AR 72901. For more information call (501) 783-4038.

CALIFORNIA

OUTLAW MOTOR SPEEDWAY

1/4 Scale Dirt Oval every first and third Saturday. 1/10 scale: Tues. Tamiya Off-Road, Thur. Off-Road & Dirt Oval, Fri. 1/10 and 1/12 on-road, first Sunday Dirt Oval, second Sunday 1/10 & 1/12 On-Road, 3rd and 4th Sun. off-road. 7920 Webster, Highland, CA, (714) 864-1770.

THE RANCH PIT SHOP

1/10 Scale: Every Wednesday & Saturday. Classes for both the electrics and gas cars. The facility is at 1655 E. Mission Blvd., Pomona 91766. Call (909) 623-1506 for times and special events.

MERCED RADIO CONTROL AUTO RACES

All 1/10 scale with AMB autotiming and scoring. Located at Merced Airport, East of Highway 99. We have a 430 foot on road track and a 246 foot dirt oval. We also have an off-road track. Covered pit tables, restrooms and plaques or merchandise for awards. For information and the latest racing schedule call (209) 383-5352.

SMR/CRC

1/8 Scale & 1/10 On-Road: First Sunday of each month at G.I.A., 1660 Stewart Street, Santa Monica, CA. Sign-up 8:30 a.m. For more info call Glenn Williams (213) 734-7888, Chris Chan (213) 393-3735, or Tom Wong (213) 821-5472.

REECE'S R/C RACERS

1/10 Scale: 1st & 3rd Sundays at Spinner's Airport Raceway, 2nd & 4th Saturday's at Reece's R/C Racers, (209) 784-0922.

SROKA'S INDOOR R/C

1/10 Scale: Every Sunday - Oval racing every 4th Sunday. 5216B Arboga Rd., Marysville, CA 95901. Call Michael or Vickie Sroka (916) 742-6148 or (916) 741-3051.

HOBBY HAVEN RACEWAY

1/10 Scale: 1756 First Street, Livermore, CA 94550. For further info call (415) 443-5828 M-F 10 a.m. to 6 p.m.

FAST LANE R/C

Address is 25845 San Fernando Rd. #21, Saugus, CA 91350. Contact John or Darlene at (805) 255-2404. Racing is off-road, dirt oval, asphalt road course and asphalt oval.

THE SQUARE ROUNDHOUSE SPEEDWAY

1/10 Scale: Saturdays 3 events per month, Off-Road, Monster Truck Pulls and Oval Race, Oval dirt track and Off-Road tracks. 1468 Lander Avenue, Turlock, CA 95380, (209) 668-4454. Ask for Harold Lindquist.

BROTHERS-IN-LAWS R/C RACING

1/10 Scale Dirt Oval. Racing every Sun. Call Bob (619) 949-5252.

R.C. CITY RACEWAY & HOBBIES

Off-road racing every Tues., Fri., Sun., Oval racing every Sat./Practice time and rentals available. Call for more info. (408) 262-3188. 1453 N. Milpitas Blvd., Milpitas,

MOUNT SHASTA R/C RACEWAY

1/10 Scale: Lassen Lane and Smith Road, (916) 926-4717. Home of Cal-Ore Off-Road Championships. 1/10 off-road racing every other Sunday. May through October. Indoor carpet racing 1/10 & 1/12 Nov. through Apr. 826 Pine St., Mount Shasta, CA 96067.

HOBBY HUT

1/10 Scale: 2665 Park Marina Dr., Redding, CA 96001, (916) 241-3737. Off-Road racing, Norcal Mini Off-roads. Ask for Kevin.

DESERT HOBBIES & RACEWAY

1/10 Off-Road racing 1st & 3rd Sundays. Every Friday 7:30 p.m. 25 min. from San Bernardino, 17210 Main St., Hesperia, CA 92345.

NORRCA (National Organization for Radio Controlled Autos)

1651 W. Foothill Blvd., #232, Upland, CA 91786 - Phone: (909) 944-5381 - Fax:

(909) 944-2996.

D & B HOBBIES AND RACEWAY

Off-road Thursday and Saturday, dirt oval Fridays. Special events on Sunday. Call (408) 280-6539, Wed. thru Sun. 2:30 to 6:00.

BOB & JIM'S R/C WORLD

1/10 and 1/12 scale road course racine every Mon., Wed., & Fri at 7:00 p.m. 1/12 and 1/10 scale oval racin on Sat. at 5:00 p.m. For more information call (714) 684-6314. Track is at 3485 University Ave., Riverside, CA 92501.

JD HOBBIES

Racing for 1/12 and 1/10 gas and electric cars, on both on-road and paved oval courses. Racing is done outdoors, on an asphalt surface. The facility has a hobby shop, snack bar, AC power and scores races with an auto count system. The track is at 1009 W. College Ave., in Santa Rosa, California. For more information call (707) 571-1700.

RC RACING CENTER & HOBBIES

1/10 Scale racing every Tuesday and Friday at 7 p.m. Sunday racing at 10:30 a.m. Indoor track and hobby shop, AC power, auto lap counting and food. Located in San Diego County; 9842 Channel Rd., Lakeside, CA 92040. (619) 443-2270.

VENTURA ROAD RUNNERS

1/10 scale off-road every Friday and 1st Sunday. 1/10th dirt oval every Wed. and 3rd Sunday. 1/10th and 1/12th asphalt road the 2nd and 4th Sunday. 1/10 and 1/12 scale asphalt oval the 5th Sunday. Freedom Park Raceway, 520 Freedom Pk., Camarillo CA 93010. Contact Ed at (805) 499-8266 or Less at (805) 484-8920. Sign-ups close at 7:00 p.m. nights and 9:30 a.m. on Sunday.

CLOVERDALE R/C RACEWAY

We race both indoors and out, gas and electric, in 1/12, 1/10 and 1/8 scales. The facility has carpet, and dirt tracks for road racing, off-road and oval. Race scoring is done via an auto count system, and there is AC power and a hobby shop on site. Parking isn't a problem, and there's even RV access. For more information call (707) 894-4468 or visit us at #1 Citrus Fair Dr., Cloverdale, CA 95425.

RAMS

Racing for 1/8 scale cars on the 1st & 3rd Sundays of each month at Murco Plaza (Paseo Padre Parkway & Mowry East) in Fremont, CA. Contact Mike Alton (510) 490-8734.

SO CAL RADIO CONTROLLED RACEWAY

Racing Wed., Fri., and Sat. for 1/10th electric off-road cars. This is an indoor facility with plenty of parking, AC power, snack bar, auto count and full hobby shop. Track is also open for practice on non race days. Visit us at 11930 Valley View St., Garden Grove, CA 92645. The phone number is (714) 892-0088.

HOBBY WAREHOUSE OF SACRAMENTO

Indoor off-road racing with AC power. Snack bar, full pro shop and friendly staff. Track is located at 8950 Osage Ave., Sacramento, CA 95828. (916) 381-7588.

SAN FRANCISCO RADIO CONTROLLED MODEL CAR CLUB

Holding 1/10th scale gas and electric road racing on asphalt at the Tanforan Shopping Center. Races are held on the 2nd and 4th Sundays, February through November. For more information call Jerry Imboden at (415) 589-7836 or Randy Swan at (415) 221-1978.

MNM HOBBY RACEWAY

On and off-road racing highlights this complete facility. Road racing every other Saturday for 1/12 and 1/10 cars. Off-road every Tuesday, Friday and Sunday. Indoor pitting, power, chairs and snack bar. Address is 137 N. Vander, Corona. For more information call (909) 272-3545.

LODI'S R/C SPEEDWAY

Indoor 1/10 and 1/12 banked oval and road racing is in store for those who come to this track. In addition to the fine circuit racers can enjoy a fully stocked hobby shop, snack bar, AC power and scoring is done via an auto count system. The track is located at 1109 Black Diamond Way, Lodi, CA 95240. Phone them for our latest racing schedule at (209) 334-5681.

JAKE'S PERFORMANCE HOBBIES

Outdoor road racing finds should try this track located in Rohnert Park. There are classes for 1/12 and 1/10 scale cars and races are on asphalt and conducted on oval and road circuits. Along with this electric car track, there is a hobby shop, computer scoring, and food is available. For the latest racing schedule please call them at (707) 586-3375. Jake's is at 6650 Commerce Blvd. #21, Rohnert Park, CA 94928.

M & L RACING

Just about every scale known to man can be raced at this track. M & L races 1/12, 1/10, 1/8 and 1/4 scale in both gas and electric, on and off-road. The facility is outdoors and features a hobby shop, snack bar, AC power, auto count and RV access. For more information you can write us at 1875 #B Joe Crosson Dr., El Cajon, CA 92020. Phone (619) 449-1435.

RACERS HAVEN HOBBIES

Racing every Friday at 7 PM on a covered dirt track. Racing alternates weekly between off-road and dirt oval. Outdoor asphalt oval and on road racing monthly as well. Auto count, AC power, snack bar and RV access are also available. We have a full hobby shop on the premises as well. For a complete race schedule call (805) 835-0441 Track is at 7401 White Lane, #9, Bakersfield, CA 93309.

SIMI VALLEY GROUND POUNDERS

Located behind the Simi Valley drive-in, this track features racing for 1/10 electric off-road cars. Along with the track there is also a hobby shop, and refreshments can be purchased at the track. For up to the minute racing information call (805) 523-9469.

HAWK'S R/C RACEWAY

Located in Antioch, this facility has on, off-road and oval racing on both dirt and asphalt for 1/12 and 1/10 cars. In addition to the great circuits, Hawk's has a hobby shop, snack bar, AC power, RV access and scoring is kept with an auto count system. Racing is done on the weekends here, rain or shine! For further information call (510) 779-1655. Hawk's is at 1201 West 10th St.

CANADA

RANDY SHANTZ RACEWAYS

Racing for 1/10 gas and electric off-road every Sunday. Track measures 150' X 75', and there is wheel chair accessibility. Track is close to amenities, but there is no A/C power. The track is operated by Top Qualifier Race Club. Call Steve at (604) 945-3888 Track is at 1044 W. 14th St., North Vancouver, BC, Canada.

R.R.O.L.

1/12 carpet racing Tuesday, 1/10 carpet racing Wednesdays. Sept. to May, Asphalt & off-road in summer. Remote Racers of London, P.O. Box 7241, Stn. E. London, Ontario, N5Y-4J0, Canada. Dan Engelbreth, (519) 668-0427.

S.T.A.R.C.

1/12 Scale: Wed. nite - STARC Club Series. Rockton, Ontario, Canada. Sam Burke (519) 621-5424.

S.O.R.C.R.C. 1/12 Scale: Southern Ontario Radio Control Race Car Club in Toronto, Ontario, Canada. Racing alternating Sunday nites Oct. - April Scott Reynolds 298-4941 or Gary Joi 421-9061.

HOBBYPRO RACEWAYS LTD

100 X 50 Indoor track, 90 X 50 Indoor asphalt track and 200 X 60 Outdoor oval track all at this facility. Racing for 1/12 4-Cell Friday evenings, 1/12 and 1/10 6-Cell Saturday evenings and 1/10 off-road Thursday evenings and all day Sunday. On-site hobby shop, A/C power and 80 pit stalls. 16020-132 Ave., Edmonton Alberta Canada T5V-1M1. Phone (403) 455-RACE.

HONDA HOUSE MOTOR SPEEDWAY

Racing for 1/12 scale electric on-road. The track is an indoor facility, and we race on a carpet surface. We also have a hobby shop, auto count, and have AC power on hand. We are located at 384 Richmond St., Chatham, Ontario Canada, N7M1PQ. Call us at (519) 354-5530.

AUTO R/C CHATEAUGUAY

Indoor racing for 1/10 electric off-road cars is what to expect at this track. Along with a nice dirt circuit, you can purchase your parts here or pick up a snack. For those using the track you'll be happy to hear that they have AC power available. Give them a call at (514) 698-2151. Or stop by at 26 Boul. d'Anjou, Chateauguay (Montreal), Quebec, Canada.

CONNECTICUT

PANTHORN RACEWAY

1/10 Scale: Panthorn Park, Burrill St., Southington, CT. Every Saturday May 1st - Nov. 1st. Off-road, oval, Baja, truck pulling. Call (203) 628-9345 Ben Carr, 272-9326 Pete Church, 237-6976 Bob Lavoie, 879-2316 Steve Magnani.

WALLINGFORD INDOOR RACING ASSOC.

Connecticut's oldest indoor r/c facility. Carpet road course is 225 feet and the facility has lighted pits for 125 cars. Scoring is done by AMB with races scheduled every Friday and Sunday through the month of May. For further information call Wayne Rydzy at (203) 265-3939. Track is at 63 North Cherry St., Wallingford, CT 06492.

CONNECTICUT R/C OFF-ROAD

1/10 Off-Road, from end of April to middle of October. Racing every Sunday weather permitting. Call Mike Belmonte at (203) 661-0145. Track is at Old Field School in Fairfield, CT.

R/C HOBBIES RACEWAY

1/10 Scale: Route 163, Bozrah, CT. Racing every Sunday, May 1 to Oct. 30. For more info call (203) 886-9441, ask for Mike or Bob.

SNORR

1/10 Scale: Racing every 1st and 3rd Sundays. P. O. Box 438, East Haven, CT, (203) 469-2594 or (203) 481-5813, Dave Seales.

BUCKLEY SPEEDWAY

1/10 Scale: 37 Douglas Street, Hartford, CT. Every Sunday April 1st to Nov. 31st. Black top oval. For more info call "Ziggy" or Debbie Kwasnicki (203) 246-4778.

LITTLES HOBBIES

1/10 Scale: Monday - Trucks; Tuesday - Sprint Cars; Sat. - 2WD 6 yrs. to 16 yrs.; Sunday - All classes indoor clay oval and road track fast, Stock & Mod classes. 111 Main St., Tr. 66, Hebron, CT 06248, (203) 228-4942.

CONNECTICUT AUTO RACING TEAM

1/10 Off-Road and Sprint Car Oval. 37 Douglas St., Hartford, CT 06114, Zig (203) 246-4778.

K & M R/C SPEEDWAY & HOBBIES

1/10 Scale: 735 Canal St., Stamford, CT 06902, (203) 967-7255. 7,000 sq. ft. complex, ample pit with power, fully stocked hobby shop. Organized racing held weekly. Call for details.

EAST LYME R/C KAR KLUB

1/10 Scale: Every Sunday starting May 20 thru Sept. Racing at 11 a.m. Located at Society Rd, East Lyme, CT (Behind the Junior High School). For info call Paul Johnson, 739-4070 eves. or weekends.

NERCAR

Racing for 1/8 and 1/10 gas on road. For info call Phil (203) 627-5410; Larry (203) 749-6281; Wes (203) 749-6281. Enfield, Conn.

COLORADO

MILE-HI R/C SPEEDWAYS

1/10 Scale: Thurs. & Sat. off-road; Fri. carpet. Sun. 2 p.m. 178 S. Kalamath, Denver, CO 80221, (303) 722-6766.

M.H.O.R. R/C RACEWAY

Indoor and outdoor 1/10 off-road racing for gas and electric cars. Complete hobby shop, A/C power, snack bar and ROAR rules apply. For info (303) 343-0151. We are located at 155540 E. Batavia Dr., Aurora, CO 80011, (East on 17th Ave. at Chambers Rd.)

ROCKY MOUNTAIN MINI SPORTS

Racing for 1/4 scale cars has come to Denver. We race both off-road and oval, on dirt, indoors. Our facility has a hobby shop, snack bar and for counting accuracy we use an auto-count system. We are located at 6401 N. Broadway, Unit G, Denver, CO. You can reach us by phone at (303) 426-0110.

DELAWARE

HOT TRACKS/D.A.R.C.A.R.

Delaware's finest carpet track. The circuit is more than 200ft. around! We have racing for 1/12 & 1/10 on-road and off-road cars. The facility also includes a hobby shop, snack bar, AC power and an auto count system. For more information call (302) 674-9123. The track is located in the Blue Hen Shopping Mall, in Dover.

FLORIDA

JAY'S R/C

1/10 Scale indoor carpet oval and road course. 5018 14th Street West, Bradenton, FL 34702, (813) 756-6393, 758-2565, 746-8649.

LOU'S R/C HOBBIES & RACEWAY

Racing on Saturday is at 12:30 for 1/10th scale clay oval. Sunday racing is 1/10th off-road. Both tracks have handicap access. There is computer lap counting, a hobby shop and food available. The track is located at 4931 Oleander Ave., Fort Pierce, FL 34982. Call Lou at (407) 464-3207.

LAKE WHIPPOORWILL SPEEDWAY

1/10 oval racing every Saturday. Open practice other days. 12345 Narcoossee Rd., Orlando FL, 32827 - (407) 277-9586.

B & T R.C. CENTRAL

Racing for 1/10 off-road on the 2nd and 4th Saturday. Track at 811 Playground Rd., Fort Walton, FL 32548. Phone (904) 863-2666.

DOC'S INDOOR R/C RACEWAY

Florida's state of the art facility. Plenty of pitting space, slot car track, bathrooms, snack bar and hobby shop. Located at 16803 US 19 N. Clearwater, FL 34624. For information call (813) 538-3096.

BROWARD COUNTY R/C RACE CLUB

Racing for 1/10 and 1/8 cars in gas and electric models. We run on-road, off-road and paved oval. Racing is done outdoors, and there is AC power and an auto count scoring system. For those with motorhomes there is RV access. We race at 2201 N.W. 9th Ave., in Mill's Pond Park, Fort Lauderdale, FL. For further information call (305) 525-3304.

RIVER CITY R/C CAR CLUB, INC.

Racing for 1/12 and 1/10 on road electric cars. We race outdoors on asphalt and score with an auto count system. Club address is 9711 Sharing Cross Dr., Jacksonville, FL 32257. Call (904) 268-1948.

CORAL SPRINGS ROAD RUNNERS

Racing for 1/10 gas and electric cars on an outdoor off-road track. Racing is scored with an auto-count system to ensure accuracy. P.O. Box 9632, Coral Springs, FL 33075 - (305) 925-8284.

SOUTHWEST FLORIDA R/C RACEWAY

Outdoor road race fans can come out and compete at this track. Race classes for 1/12 and 1/10 paved oval and drag racing on a cement track. The facility also includes a hobby shop, snack bar, AC power, an auto count and there's RV access. Track is at 2425 Rivers Rd., Naples, FL 33964. Phone them at (813) 455-1143.

COMPETITION HOBBY SUPPLIES

There are three outdoor tracks to race on at this facility. Scales for electric 1/10 & 1/12, and racing classes that include off-road, paved oval, dirt oval and clay oval. Track is at 1006 Loudon Rd. Rte. 9, Latham, NY - (518) 786-3622.

GREATER ORLANDO AUTO RACERS

This track races 1/10 gas and electric off-road, on an outdoor track. The facility features AC power and scoring is done via an auto count system. Track is at 970 Keller Rd., Altamonte Springs, FL 32714. For more information call (407) 263-4819.

FIRST COAST AUTO RACERS

This is an outdoor concrete tri-oval measuring 465' at the centerline. There is racing every Saturday for 1/12 and 1/10 scale electric cars. Computerized auto-scoring, A/C power, snack bar, and pit tables for more than 150 racers compliment this track. For more information you can call or write Bob Thompson at: (904) 743-2161 - 6410 Waltho Dr., Jacksonville, FL 32211.

STADIUM RACEWAY

This 15,000 square foot indoor facility features racing for both 1/10 and 1/12 scale cars on a paved oval. Along with the track, racers can pick up a snack at the snack bar, or visit the pro shop. There is RV access and AC power as well. Scoring is kept via an auto count system. The address of this facility is 4511 W.M.L.K. Blvd., Tampa, FL 33619. For the latest racing information call them at (813) 872-8662.

GEORGIA

GEORGIA HOBBY CENTER

1/8 and 1/10 off-road and clay oval every Sat. and Sun. at 2:00 p.m. 112 Kenwood Rd., Fayetteville, GA 30214. (404) 460-1753

SILVER WINGS HOBBIES & RACETRACK

Indoor 260 ft. 1/10 scale clay oval. Complete hobby shop, plenty of electrical. Racing Tuesday & Saturday 7:00 p.m. Snack bar on site. 5611 Riverdale Rd., College Park, GA 30346 - (404) 991-2225.

LAKE MAYER RACEWAY

Home of the S.C.O.R.E. 1/10 dirt oval and off-road track. Raceway is located at the Lake Mayer Park, Montgomery Crossroads, Savannah, Georgia. Please call (912) 355-6033.

SANDY CROSS SPEEDWAY

Paved oval fans should come out and try this track. The races are for 1/10 electric cars, and the facility also features a hobby shop, snack bar, A/C power and scoring is done via an auto count system. The track is located at Rt. 1, Hwy. 51 in Royston GA, 30662. For the latest racing information call (706) 245-9573.

IDAHO

CAPITAL DIRT BURNERS

Both gas and electric 1/10 scale cars are welcome here. We race dirt off-road and oval outdoors. Our track has AC power and computer scoring. We race every other Sunday. For more information call Mike (208) 345-3906 or Jim (208) 383-0426.

ILLINOIS

MACHESNEY PARK RACEWAY

1/4 scale, and 1/10 scale: Large asphalt oval racing alternating every Saturday and Sunday April thru October. 1220 Shappert Dr., Machesney Park, IL 61111, (815) 282-1311.

R & R HOBBY

1/10 Scale dirt track inside and outside, also 1/12 tracks inside and outside. 1414 N. 24th St., Quincy, IL 62301, (217) 228-1133.

RACIN' PLACES

THE INSIDE TRACK

1/10 Scale: Every Wednesday 7 p.m. and Saturday 6 p.m. For more info call (312) 898-5649, 725 Hill Ave., Aurora, IL 60505.

RECTOR'S R/C

1/10 Scale: Indoor dirt oval/off-road. Alternate months. 6 p.m. Saturdays, 2 p.m. Sundays. RR3, Albion, IL 62806. (618) 447-3282.

CARPETBURNERS R/C CLUB

436 East Main Street, (Rear) Danville, IL 61832, (217) 442-7466.

C & C HOBBIES AND RACEWAY

Off-road every Fri. night and Sun. 2081 W. Station St. Kanakee, IL Call Chris at (815) 935-2600 or Ken at (708) 485-6366.

AMERI-TRAC SUPER SPEEDWAY

All are invited to Sunday racing at its best! We have 1/10 oval and off-road electric, 1/10 and 1/8 gas off-road and a 400' center line of smooth concrete to race high banked tri-oval. One of the nation's largest off-road tracks that features 625 feet of racing for both Stadium trucks and Buggies. We have a large pit area, plenty of AC power, concession stand, a well stocked hobby shop and we are close to I-57. For a free schedule and VCR tape of the facility call or write us today! Phone (217) 234-8707. Rt. 3 Box 242, Mattoon, IL 61938.

MIDWEST HOBBY TRAX R/C RACEWAY

1/10 scale indoor off-road and oval racing every Friday 8 p.m. and Sunday 10:00 a.m. AMB scoring, AC power, snack bar, full hobby shop. 114 Kirkland Circle - Unit A, Oswego, IL. (708) 978-8396.

EAGLE SPEEDWAY AT PONTIAC

1/10 & 1/12 Indoor carpet oval and road course racing held Wed., Sat. and Sun. Practice on Tue and Sat. AMB counter hobby shop, snack bar, etc. 313 N. Plum St., Pontiac, IL 61764. (815) 842-1738.

R/C RACEWAY - CHICAGO

Racing for 1/12 and 1/10 gas and electric cars can be had at this indoor facility. There is racing for on-road and oval cars, and we race on carpet. The track has AC Power and a snack bar. To find out about or racing schedule call us at (708) 352-5354. We are located at 2745 W. 111th, Mt. Greenwood, IL 60655.

LEISURE HOURS R/C RACEWAY

Indoor carpet track 48 X 96. Racing for all racers who own oval and on-road 1/10 and 1/12 scale. We also have off-road carpet racing with jumps, bumps, tabletops, dips etc. AMB & Auto-Score, fully stocked hobby shop, food. For more information or if you would like to be on our mailing list please call (815) 439-1477 (store) or (815) 439-1777 (track). We are located at 24121 W. Theodore St., Plainfield, IL 60544.

SHILOH EAGLES SUPER SPEEDWAY

Racing for 1/10 scale on Friday nights and Sundays on a super outdoor 415' center line high banked asphalt tri-oval. Racing on this track is April thru early October. Indoor carpet racing on our 150' center line high traction speedway Saturdays October and November, and Sundays December thru March. The track features plenty of pitting space (indoor space available during outdoor racing too) and AC power. AMB System 20 scoring, a fully stocked hobby shop on site, and a full service concession stand. Located in Shiloh, just twenty minutes from downtown St. Louis, just off I-64 East. For a free schedule and more information call or write us at: Phone (618) 277-6030 - 308 N. Virginia Ave., Belleville, IL 62220.

INDIANA

AUTOGRAPH RACE WORLD

Primarily a carpet oval and stadium electric track indoors, the facility hosts events for 1/12 and 1/10 cars. There is a hobby shop on site, along with a snack bar, AC power and all scoring is done via an auto count system. The facility is also active in promoting parking lot races are various events. For the latest information on what's happening at Autograph Race World call them at (317) 778-3386. They are located at 231 S. Pendleton Ave., Pendleton, IN 46064.

RACEWAY PARK

Mishawaka, IN (Northern Indiana)

Winter - Large indoor carpet track - two Sundays a month. Summer - The Midwest's Best Off-Road track - two Sundays a month. Off-road track is on N. Main Street. For info call Bob (219) 256-1020.

HOBBY WORLD RACEWAY AND HOBBIES

Indoor dirt oval and off-road. Racing every Wed. and Sat. at 7:00 p.m. Full hobby shop, AMB scoring, AC power and snack bar. 1508 N. Harlan, Evansville, IN 47711. (812) 421-1100.

GONZO RACEWAY

1/10 outdoor off-road racing on Sundays May thru September. Racing starts at 10:00. Indoor carpet racing November thru March. Computerized scoring. For more information (219) 980-8409. 418 Roberts Rd., Chesterton, IN 46304.

BJ'S RIVERSIDE RACEWAY

1/10 scale lighted 450 foot outdoor off-road dirt track. 1/10 scale 115 foot in-door high banked dirt oval with jumps. Outdoor racing Friday at 6:30 p.m. Bomber class (6-cell and bag motor, 6:00 min. heats) Saturday 6:30 p.m. oval racing (all classes, 4:00 heats) Sunday 6:30 p.m. off-road (All classes, 4:00 min. heats) A/C power, computer lap count, snack bar & R/C sped shop. 265 South Clay St., Jasper IN, 47546. Call Joe "BJ" Lorey (812) 482-3484.

P & T HOBBIES

1/10 off-road and oval racing on one of the midwest's finest circuits. Full service hobby shop on site and ample pitting with AC power. Oval is 220' long and off-road circuit offers more than 300' of racing. Racing Fri. night and Sat. R.R. #2, Box 450A, Mitchell, IN 47446, (812) 849-6666.

RIMFIRE RACEWAY

Racing for 1/10 scale gas and electric cars is what has made Rimfire Raceway the popular track that it is. The facility features an indoor and outdoor track, and they race both off-road and oval. Rimfire has a hobby shop, snack bar, AC power and an auto count system. The track is located at 8 Wood Ct., Hebron, IN 46341. Call them for the latest racing schedule at (219) 996-6288.

R/C WORLD OF INDIANA

This popular track has racing for 1/10 electric off-road cars. The facility features a hobby shop, snack bar, AC power, auto count system and there is RV access. For their racing schedule call (317) 874-2464. Or they can be reached by mail at R.R. #2 BGHox 335, Lynn, IN 47355.

IOWA

BOB'S R/C SUPPLY & RACEWAY

1/10 Scale: Indoor carpet racing! Tues. 1/10 oval; Fri. 1/12 Road Course; Sat. Monster Trucks. Stock & Modified. Call Bob, Nancy or Kevin (319) 232-2235, 935 Sheerer Ave., Waterloo, IA 50701.

NORTH PARK R/C SPEEDWAY

1/10 & 1/12 electric, 1/8 gas and 1/4 scale: For info write c/o Mike Beisch, 805 S. Jerome, Algona, IA 50511 or call (515) 295-9352.

KANSAS

EBERSOLE HOBBY & R/C RACEWAY

1/10 Scale off-road and oval. Races Wed., Thurs., Sat., and alternate Sundays. 11417 W. Highway 54, Wichita, KS 67209. Len Ebersole, (316) 722-8888.

KANSAS R/C RACING CLUB

Every Second Sunday, Junction City; Every 4th Sunday Enterprise.

DEE & MEE HOBBIES

Two tracks; dirt oval and off-road, oval on Mon. and off-road on Fri. Both at 7:00 p.m. Carpet 1/12 on Tue. at 7:00 p.m. 628 Kansas, Topeka KS 66603. 357-4232.

EBERSOLE R/C SUPER SPEEDWAY

High banked asphalt oval, road course, dirt oval and off-road. Electronic lap counting. track at 11417 W. Hiway 54, Wichita, KS 67209. Phone (316) 722-8888.

RCRC RACEWAY

Outdoor dirt oval and off-road track with full hobby shop, AC power, concessions and lights for night racing. Track is 95 by 65. For more information contact Bob Dunker at (913) 626-3261 day or (913) 626-9681 nights. Track is 507 N. 4th St., Atwood, KS 67730.

R/C WORLD RACEWAY

Corky and Pam Green are your hosts for 1/10 electric off-road and dirt oval racing on their indoor track. This facility has a hobby shop, snack bar, auto count and AC power. Racing for the dirt off-road cars is Saturday and the dirt ovals race Thursday. Call (913) 793-2313 for current start times. They are located at 217 Brownie Ave., Scranton KS, 66537.

KENTUCKY

HOBBY CENTER

Hobby Center - 2106 Triplett St., Owensboro, KY 42303 - (502) 683-7611. Full service facility including hard surface flat track with a straight 75 feet long! Track indoors, regular racing every Thur. at 7:00. Track open daily for practice. Hours 11:00 a.m. to 7:00 p.m. Mon. - Fri., Sat 11:00 a.m. to 5:30 p.m.

RIVER CITIES R/C RACEWAY

1/10 Scale: Racing at 5:30 Saturday evenings under a light area. Call Randy Aust (606) 836-4273 or Jason Graham (606) 836-2613. Ashland, KY 41101.

PIT ROW HOBBIES

Both gas and electric, 1/12 and 1/10 cars will find a home racing here. There are also classes for on-road, off-road and dirt oval cars. This complete facility features a Hobby shop, AC power and scoring is done by auto count. Pit Row races both indoors and out, and with the number of classes it's a good idea to give them a call for the latest schedule. They can be reached at (502) 782-2419. They are located at 281 New Porter Pike, Bowling Green, KY 42103.

PRO TRAK

For many, Pro Trak is the place to race 1/10 electric cars. The facility both off-road and dirt oval on an indoor track. The facility also has a hobby shop, snack bar and there is AC power. If you haven't raced here before, check it out soon. Their number is (502) 778-2657. They are located at 3451 Cane Run Rd., Louisville, KY 40211.

LOUISIANA

CAJUN R/C & RACEWAY

1/10th scale off-road dirt track (outdoors) Complete hobby shop, A/C power, food. Races every Sunday at 1:00 p.m. Route 2, Box 288 - Hwy. 343 (Bosco), Church Point, LA 70525. For more info call Ray or Sandy at (318) 873-3855.

CAJUN R/C & RACEWAY #2

1/10th scale dirt oval track (outdoors). Complete hobby shop, AC power. Races every Saturday at 2:30 p.m. Address is 110 A Darbonne, Sulphur, LA 70663. Call Randy or Sandy at (318) 527-9129.

INDY SPEEDWAY AND HOBBY

A unique facility that features racing for 1/10, 1/12 and 1/24 scale. In addition to R/C, the track also races slot cars. Racing for R/C is done, outdoors, on a paved oval. The facility features a hobby shop, snack bar and scoring is done with an auto count system. They can be reached at (504) 367-1891. The track is at 3753 General DeGualle Dr., New Orleans, LA 70131.

MAINE

CENTRAL MAINE R/C SPEEDWAY AND HOBBIES

This facility features two carpeted tracks, an oval and a road course. There's also off-road racing. We have a complete r/c pro shop and race on Fridays and Sundays. This indoor facility also has a snack bar, AC power and an auto count system. The track is located at 18 Lithgow St., Winslow Maine. For information call (207) 877-2232.

MARYLAND

MASON DIXON R/C CAR CLUB

1/10 Scale: Every Sunday at 1 p.m. Track location at Hagerstown Fairgrounds, Hagerstown, Maryland. Call King's R/C Cars, 219 E. Washington St., Hagerstown, MD 21740. (303) 739-0080.

CENTRAL MARYLAND ELECTRIC RACING CLUB (CMERC)

Community R/C Speedway

1/10 Scale: Racing every Saturday dirt oval. Middletown Park, Middletown, Maryland. Contact John Mauchamer, (301) 698-9545. 1/12 Scale: Mark Coats (301) 694-7420.

TEAM R & R, INC.

1/10 & 1/12 scale indoor oval carpet racing. Every Sunday. For more info (301) 848-2144 or (301) 876-2983. Westminster, MD 21157.

MARYLAND R/C CLUB

1/10 & 1/12 racing indoor carpet. Toy World R/C, (301) 424-0430.

GPA HOBBIES, INC.

GPA Speedway races 1/10 off-road and 1/10 and 1/12 indoor road. For schedule information call (301) 805-9004 or write to GPA at 3498 Crain Hwy., (Collington Plaza), Bowie, MD 20715.

THE TRACK/MARYLAND R/C CLUB

1/10 & 1/12 carpet indoor banked oval and road course. Track at 16806-08 Oakmont Ave., Gaithersburg, MD 20877. (301) 417-9630 or 424-0430.

THE COCKEYSVILLE ASTRODOME

1/10 & 1/12 scale on-road indoor carpet track. Snack bar, hobby shop and auto count system. Racing Thursdays and Saturdays. C.A.R. Cockeysville Astrodome Racers, Inc., 10854 York Road, (Rear) Cockeysville, MD, (301) 666-1098, (410) 666-2521.

MASSACHUSETTS

BROCKTON INTERNATIONAL SPEEDWAY

1/10 & 1/12 Oval racing on Mon. 7:30 p.m. 1217 Main St., Brockton, MA. For information call (508) 588-9355.

R/C PERFORMANCE CENTER

1/10 Scale carpet oval and indoor off-road dirt track. Racing Tues., Thurs., Sat., & Sun. 4 Manley Street, West Bridgewater, MA 02379. Ask for John (508) 588-9666.

HOBBIES ETC. RACEWAY

1/10 & 1/12 scale: Every Sunday Racing at 1 p.m. Indoor on-road carpet. For more information call (617) 389-3331. Medford High School, Winthrop St., Medford, MA.

NORTH EAST AUTO RACERS (NEAR)

The club hosts 1/8 gas and 1/10 electric road racing. Track is behind Cobblestone's Restaurant. Races are scheduled May through October. For full schedule contact George at (508) 346-8456.

MEGADROME RAEWAY/BRCCR CLUB

One of the largest facilities on the East Coast. Racing for 1/10 electric and nitro on, off-road and clay oval tracks. Track is located at North Adams Plaza, Rt. 8 Curran Hwy., North Adams, MA 01247.

For race and practice information call Gordon at (413) 663-9593, Richard (413) 445-4777 or Warren (413) 442-2566.

WEST STREET HOBBIES RACEWAY

1/10, 260 ft. banked carpet oval. Racing Wed. & Sat. at 7 p.m. (508) 533-1231. 114C Main St., Medway MA 02053. NORRCA rules.

R/C HOBBIES AND SPEEDWAY

Racing for both 1/12 and 1/10 electric cars. Classes include dirt oval and a carpet track, both indoors. Along with the great tracks, the facility includes a hobby shop, snack bar, A/C power, an auto count and there is RV access. The track is at 16 Rio Way, Fairhaven, MA 02719. (508) 991-5040.

MICHIGAN

USA RACEWAYS

1/10 & 1/12 Scale: Road racing Wed. and Sat. 1/10 oval Friday and Sunday. Stadium 1/10 on Saturday. 6083 Dixie Highway, Bridgeport, MI, (517) 777-7USA.

HARRISON INTERNATIONAL SPEEDWAY

1/10 Scale: Friday night high banked small oval. Sunday large flat oval. 3519 N. Clare Avenue, Harrison, MI 48625, (517) 539-7959.

GLASS CITY RADIO CONTROL

Racing 1/10 & 1/12 scale: Clayton White (1/12) (419) 882-2518 or Mike Marshall (1/10) (313) 241-5321.

BAJA BAYOO R/C RACEWAY

1/10 scale off-road racing May through September. Racing every Sunday at 1:00 p.m. weather permitting. 5313 West 22 Mile Rd., Tustin MI. Track is 8 miles south of Cadillac. (616) 829-3447.

R & L HOBBIES

At this track you can race 1/10, 1/8. This is Michigan's only indoor dirt off-road track and it measures 100 X 45. Outdoors, there are classes for gas, electric, off-road, and dirt oval. This complete racing facility has a hobby shop, snack bar and AC power. You can reach us by phone at (616) 323-3686 or fax at (616) 329-1744. We are located at 9782 Portage Rd., Kalamazoo, MI 49002.

MINNESOTA

CENTRAL MINNESOTA RACIN' PLACE

This indoor facility is home for those who love to race 1/10 scale electric cars. Along with the circuit, there is a snack bar and AC power is available. For further information call (612) 252-8123. The track is at 3302 Southway Dr., St. Cloud, MN 56501.

MISSISSIPPI

JACKSON R/C RACING ASSOCIATION

Car and truck racing Sundays at 10:30 a.m. and Tuesdays at 6:00 p.m. Computerized lap counting, all classes pan stock and modified, gearbos stock and modified, truck, 4 X 4, Dominator class, and 1/12 if enough to run. Track is 2 1/2 miles west of Rt. 9 on Rt. 526. (908) 905-1593.

CROSS ROADS RACEWAY

1/10th off-road racing every weekend. Dirt banked oval and a road course in the center of the track. Come and race those modified motors on the Big Oval. For more information call (601) 287-7169. Chief Electronics/Radio Shack, Corinth, MS 38834.

JOE MCFADEN HOBBIES AND RACEWAY

Racing for dirt oval and off-road electric cars on an outdoor circuit. The facility features a hobby shop, A/C power, an auto count and there is RV access. The summer season has racing on Saturday nights with the winter season having racing on Sunday afternoons. For the latest information call (601) 483-7000. The track is located at 1410 B Hamilton Ave., Meridian, MS 39301.

MISSOURI

HOBBIES 'N STUFF RACEWAY

Off-road racing for 1/10 scale electric trucks and buggies every Wednesday, Friday and Sunday. Our 280 foot indoor carpet track is ROAR legal with 8 foot wide lanes and carpet jumps. Computer scoring by Victory Lane II. Hobby parts and food on location. Come see us at: 102 West Pearce Blvd. Wentzville, MO 63385. Phone (314) 327-6006 for more details.

FAST TRAX

This indoor track races 1/12 and 1/10 electric on-road cars. The track surface is carpet, and the facility includes AC power and an auto-count system. Our phone number is (417) 725-4337. You can also write to us at 206 Water, Nixa MO 65714.

NEBASKA

OMAHA NEBRASKA RADIO OPERATED AUTO DRIVERS

1/10 & 1/12 Scale carpet and pavement racing. Oval and road course. (402) 331-2907.

OVER THE WALL GANG

Schedule: Nov.-Mar. 1/10th oval, 1/10th & 1/12th road course. Apr.-Oct. outdoor off-road and asphalt oval and road for 1/10th and 1/12th cars. On site hobby shop. Located at 401 Market Pl., Norfolk, NE 68701. Phone (402) 379-0879.

HOBBYTOWN USA

1/10 scale, 1/3 mile high banked dirt oval. Racing Tues. at 7 p.m. and Sun. at 1:30 p.m. May through October. Located in the East Park Mall; 66 & 9 streets, Lincoln, NE 68510. (402) 434-5056.

NEVADA

AMS R/C RACEWAY

Racing is 1/10th off-road Wed. nights at 7 p.m. & Sun. at 10 a.m. Track has a clay surface. On Sat. 1/10 oval/on-road racing on carpet at 7 p.m. This is an indoor track (110 x 44 clay off-road and 110 x 40 carpet track) and we have a hobby shop and snack bar. We are also only 2 miles away from the casinos and hotels. Open daily from 12-9 p.m., closed Monday. Track is at 1130 Icehouse, Sparks, NV 89431. For more information call (702) 355-8803.

NEW HAMPSHIRE

HOBBIES PLUS & R/C RACEWAY

Track is at 14 Celina Ave., Hashua, NH 03063. This is New England's largest (350 ft.) and fastest banked carpet oval. Also 26 x 72 flat carpet track dedicated to 1/12 road racing. Pit areas with electricity for over 200. Complete hobby shop, computer scoring. For more information call (603) 882-9200.

ACTION R/C RACEWAY

1/10 Scale & 1/12 on-road, 1/10 off-road cars and trucks. Indoor carpet high banked oval. Family Fun Hobbies, 201 Washington St., Claremont, NH. (603) 543-1022.

HOBBY ETC. RACEWAY

Indoor carpet banked oval for 1/10 and 1/12 scale. The 1/12 division also can road race. AMB scoring with a full hobby shop and concessions on the site. Telephone is (603) 595-8549. Rt. 101A, Amherst, NH 03031.

NEW ENGLAND HOBBIES AND R/C RACEWAY

Racing for both gas and electric cars, in 1/10 and 1/8 scales. This outdoor track features off-road and dirt oval racing every Saturday from May - October. There's an auto count system for scoring, and a hobby shop and snack bar. We are at 49 Eaton Hill Rd., Auburn, NH. Call Larry at (603) 483-8371 or Chuck at (603) 483-2274.

NEW JERSEY

AMERICAN HOBBIES

1/10: Thurs. Oval; Sun. Off-Road & Oval. Call (201) 446-2010.

PARLOR HOBBIES

1/10 & 1/12 Scale: Short track stock car racing on road courses. 1/10 on asphalt. Truck class with 1/12 on road, off-road. Rabbit Lane & 34 Broad St., Matawan, NJ, 566-3158.

KIM'S R/C PIT STOP

I.E.D.A. drag racing - 10 classes including bracket. Racing every Sunday on an outdoor asphalt track. We also have an X-Mas tree, and computer scoring and printout. Call for latest schedule at (201) 942-5955. We are located at 357A Union Blvd. Totowa, NJ.

ON TRAX HOBBIES

This outdoor facility features gas and electric racing for 1/10 scales cars. Along with the off-road racing, there is also dirt oval. The circuit features a hobby shoot, snack bar, A/C power, and auto count and there is RV access. The track is at 1549 Rte. 70, Browns Mill, NJ 08015. For race dates call (609) 735-0422

NEW MEXICO

LAS CRUCES HOBBY RACEWAY

1/10 scale off-road and oval on a 7,200 square foot track. 1/10 gas truck and electric racing every Sunday. 1996-A S. Valley Dr. Las Cruces, NM 88001.

RACIN' PLACES

RACIN' PLACES

Phone (505) 524-8530

RACER'S INN

Full hobby shop and concessions. 1/10 off-road every Sat. at 6:00 p.m. on outdoor 70x120 track. Also 1/4 scale Sprints and Grand Nationals. Oval and dirt oval. Call for schedule. Located at 4300 Rankin LN. N.E., Albuquerque, NM 87107. Phone (505) 345-5988.

DUKE CITY HOBBIES

A 66 X 33 hard packed clay track with computer scoring is the attraction here. Classes for 1/10 electric cars and trucks. There's handicap access to the driver's stand, and food and lodging are nearby. In addition, rental cars and truck are available. For more information call (505) 299-3088 - 13140 J Central St., Albuquerque, NM 87123.

NEW YORK

WALT'S HOBBY & CRAFT

1/10 & 1/12 Scale: Two indoor tracks. 1/10 clay oval, Mon. & Sat; 1/10 Gearbox carpet, Mon.; 1/12 & 1/10 carpet, Tues. Oval and Road Course. Weight Pulling Wednesday. 2 Dwight Park Drive, Syracuse, NY, (315) 453-2291.

REC. R/C RACEWAY

1/10 Scale Clay Oval. Saturday - Oval; Sunday Off-Road. Call Erin Clancy (914) 868-7715. Route 82 to Standfordville, NY 12581.

ROMAC

1/10 and 1/12 on large carpet oval. Thursday and Sunday. (Northern Lights Mall) N. Syracuse, NY. For more info call (315) 468-1463 or (315) 468-6544.

SCHENECTADY R/C SPEEDWAY

1/10 & 1/12 Scale: Indoor oval carpet and Monster Trucks. 955 State St. Schenectady, NY, (518) 3709-3747.

BROWNIE'S HOBBIES

1/10 Scale: Off-Road Dirt Track. Friday evenings 4WD & 2WD. Track open April - November. 124 Bennett St., Staten Island, NY 10302, (718) 727-2194.

RAPID TRANSIT RACEWAY

1/10 Scale: Mon, Tues., & Sat. - Practice. Wednesday - Stock & Mod.; Thursday Sprint Car; Friday Sportsman & Open Class. 2104 Broadway, Schenectady, NY 12306, (518) 372-0777.

CAPITOL DISTRICT R/C OUTLAWS

1/12 Scale 4-cell carpet. Oval and road course. Every Friday at 7:30 p.m. October to April. For further info contact Capitol District R/C Outlaws, 223 Fourth St., Scotia, NY 12302, or Sam (518) 374-3801.

VICTOR R/C ASSOCIATION

1/16 scale clay oval track & off-road racing. Fridays and Sundays, May through September. 1309 Mertensia Rd., Farmington, NY. For information call Larry at (716) 394-3754.

BEACH HILL SPEEDWAY

Racing for 1/10 electric off-road and dirt tri-oval. Racing is done outdoors, and the track has RV access. There is also a snack bar and AC power. The speedway is located at 1760 Beach Rd., Watkins Glen, NY 14891. To call them dial (607) 535-2616.

R.C. WORLD HOBBY CENTER

Road racers who pilot 1/12 cars will find plenty of racing action at this indoor carpet track. Likewise, racers who run off-road can also enjoy this great facility racing in the dirt outdoors. Along with a hobby shop, there is a snack bar, AC power and scoring is done via an auto count system. Call them for their schedule at (718) 326-0002. They are located at 69-57 Juniper Blvd. South, Middle Village, NY 11379.

TRANSIT SPEEDWAY & HOBBIES

If you like to race 1/10 and 1/8 cars this is the place. At our track we have classes for gas and electric cars and racing for off-road, on-road and paved oval. Depending on the class we will race either outdoors or indoors, on carpet, asphalt or dirt. Our facility also boasts a hobby shop, snack bar, AC power and we have an auto count system. For a schedule please call us at (716) 684-7368. We are at 5319 Transit Rd., Depew, NY 14043.

P.R.O. SPEEDWAY

Electric racing for 1/10 and 1/12 scale cars can be found at this speedway. Classes for on-road, off-road and dirt oval are available. We race indoors and out, and our facility has a hobby shop, snack bar, AC power and scoring is done via an auto-count system. For the latest racing calendar call (716) 257-3101. Track is at 5 Washington St., Cattaraugus, NY 14719.

EAST END OFF ROADERS

Racing for 1/10 scale electric cars, trucks and sprints. We feature both a dirt oval and an off-road course. Races every Sunday, with sign ups starting at 9 AM. The is AC power available, a hobby shop on the premises and a snack bar. For accuracy an auto-count system is used. For more information call (516) 298-2020 or stop by Mattituck Hobbies at 7355 Main Rd., Mattituck, NY 11786.

RC HOBBIES

Featuring a hobby shop, snack bar, AC power and RV access, this track has racing for 1/10 gas and electric cars on both clay oval and off-road circuits. Located in Constantia, this track has both indoor and outdoor tracks. Scoring is done via an autocount system. The track is located at Rt. 49, Box 138, Constantia, NY 13044. For the latest racing schedule call them at (315) 623-9536.

NORTH CAROLINA

DIXIE R/C HOBBY SHOP

1/10th Scale: Every weekend Sat. & Sun. The races will alternate between oval and motocross starting in May. P. O. Box 135, Ramseur, NC 27316, after 6 p.m. (919) 824-2770.

MID-CAROLINA R/C SUPER SPEEDWAY

1/10 & 1/12 high speed banked quad-oval and road course. Located on Flint Hill Rd., Off I-77/Carowinds exit, So. of Charlotte, NC. Fred Penland, (704) 373-2535 7:30 A.M. to 4:30 P.M.

ASHEVILLE HOBBY SPEEDWAY

1/10 & 1/12 scale asphalt oval-indoors. Racing Wed. & Sat. 7:30 p.m. Highway 25, Naples, NC 28760, (704) 684-9814 ask for Jack or Sharon Murdock. 1/10 Dirt Oval & Off-Road. Racing Sat. & Sun. 1st & 3rd weekends. 6200 McGregor Dr., Charlotte, NC 28227, (704) 545-0746 ask for Steve Hill.

RC HOBBY & RACEWAY

1/10 & 1/12 indoor carpet racing Nov.-Mar. Oval and Off-Road dirt racing every Saturday. For more info (919) 228-6809, 1358 S. Church Street, Burlington, NC 27215.

BOOGIE BAY R/C RACEWAY

600 foot asphalt oval raceway with 30 foot wide straits and 40 foot wide turns. The track races 1/10th, 1/12th and 1/4 scale. Racing set every month in advance every Saturday and Sunday. Rt. 1 Box 324, Linden NC, 28356 - (919) 488-5408.

C.O.R.R.

We race outdoor electric off-road 1/10 scale cars. The track has a hobby shop, snack bar, AC power, and an auto count. There's even room for RV's! For the latest schedule call (704) 827-7741 or 435-2912. You can write to us at 166 Griffen St., Stanley, NC 28164.

NORTH DAKOTA

NORTHERN MINI-RACERS

1/10 Scale on-road, carpet, road racing. Saturdays Sept. through May. P.O. Box 415, Minot, North Dakota. For information call Pat (701) 839-8868 or (701) 852-6254. Roger (701) 839-4731 or (701) 839-5294.

KOUNTRY KLIN HOBBY

1/12 Scale small indoor carpet track & hobby store. Box 247, 324 Railroad Ave., N. Mohall, ND 58761, (701) 756-6307.

RED RIVER RADION CONTROL CAR CLUB (RRRCCC)

This operation is actually two tracks located in the Fargo area. The club sponsor is Valley Hobbies in Fargo. The first track is an indoor carpet oval/on-road course that measures 38 X 80. The second is an off-road track that measures 40 X 80. Both tracks are indoors at Valley Hobbies. For more information please call (800) 493-9971.

OHIO

TARCAR-TOLEDO AREA

1/8 gas stock cars. Black clay tri-oval. Sundays late April thru Mid-October. For more info call Dave Scanes, (419) 893-1916.

1/8 RACERS OF TOLEDO

1/8 & 1/10 scale asphalt road course. Every other Sunday from Mid-April to Mid-October at the Woodville Mall rear lot. For schedule and info contact Brent Gottfried (419) 843-3231.

THE RACER'S CHOICE - RADIO CONTROL HOBBIES

Located at 1298 U.S. Rt. 42, Mason OH 45040. Large outdoor off-road track, over 400' long with 100' straight, elevation changes, jumps, moguls and banks. Lighted with large driver's stand. Also banked 40' - 100' oval. Organized racing weekly. Fully stocked shop, for details and schedule call Holly, Tony or Adrian at (513) 398-5539. Track located just north of Cincinnati, near Kings Island.

CORCAR - COLUMBUS, OH

Outdoor 10th scale off-road racing May through September and indoor off-road racing October through April. Contact Bill McCall at (614) 895-2732. The track is at Franklin County Fairgrounds.

ALTERNATIVE RACING ASSOCIATION

1/10 and 1/12 on-road. Two large tracks indoors and outdoors. 2600 17th SE, Canton, OH 47306 (216) 484-2587.

INNOVATIVE HOBBIES & LAKES SPEEDWAY

Large indoor multi-layou carpet track and outdoor oval. Racing Wed., Sat., Sun. 3425 Manchester Rd., Akron, OH 44319, (216) 645-1333.

AEROTECH RACEWAY

1/10 oval/tri-oval and off-road dirt. 409 Applegrove Rd. North Canton, OH. Call Ron at (216) 499-1300.

MODELER'S HAVEN RACEWAY

1/10 clay oval May thru October. Electricity, water, indoor restrooms and shaded pit area. Contact Bob at (216) 499-6000. 4255 Portage N.W. North Canton, OH 44720.

D & S HOBBIES AND RACEWAY

Racing 1/10 & 1/12 4-cell. Race days are Wed., Fri. and Sun. Closed Mondays. D & S Hobbies, 7701 Crile Rd. #3, Concord, OH 44077.

HOBBY MANIA

This complete facility has racing for 1/12, 1/10 and 1/8 cars. Gas and electric classes can race on-road, off-road and on a stadium carpet track. We have a complete hobby shop, snack bar, AC power and there's RV access. Scoring is done via an auto-count system. We are located at 6597 State Rte. 224, Lowellville, OH 44436. Phone us at (216) 536-8282.

D & J R/C RACEWAY

Racing for 1/10 electric cars on an outdoor dirt oval. The facility features a hobby shop, snack bar and there is AC power. For the latest racing schedule call (216) 682-4266, or write to them at: 801 W. Market St., Orrville, OH 44667.

NORCAR

Racing for 1/12, 1/10 and 1/8 cars in both gas and electric models. There are several different classes, and there are both indoor and outdoor tracks. The track is at 3668 Chelsea Dr., Brunswick, OH 44212.

LEWISBURG R/C RACEWAY

Under new ownership, this 18,000 square foot facility features on of the best clay banked oval tracks in the country. It measures 200' in length. Along with the track there is a hobby shop, snack bar, AC power and scoring is done via an auto count system. The track is at 395 US Rt. 40 E., Lewisburg, OH 45338. For their schedule of races call them at (513) 678-8404 or (614) 889-0876.

OKLAHOMA

R.C.A.R. OF TULSA

Racing for 1/10 scale indoor on-road racing. The track is carpet, and there is AC power. Track is at 12215 East Skelly, in Tulsa, OK 74128. For more info call (918) 663-8998.

RCRC OF OKLAHOMA

1/10th scale indoor dirt oval and dirt off-road. Racing on this large track is at 7 p.m. Tuesdays and 5 p.m. Saturdays. Complete hobby shop with plenty of pit space and AC power. 400 S. Vermont, #104, Oklahoma, OK 73108. Call (405) 947-RACE ask for Steve or Rick.

COMPETITION R/C

This indoor facility features racing for 1/10 electric cars on their banked dirt oval and off-road courses. They also have an air conditioned hobby shop and snack bar on site, along with A/C power and an auto count system. To visit this facility come to 100 S.E. 89th, in Oklahoma City, OK 73149. Or call them at (405) 634-0809.

OREGON

R/C SPEED CENTER R/C ADDICTION

1/10 & 1/12 scale, banked dirt oval racing, dirt off-road racing, sled pulls, mudbog. 2810 N. Pacific Hwy., Medford, OR 97501, Call Gene or Betty Skelton, (503) 779-8298.

CATHIE'S R.C. WORLD

This track has racing for 1/10 scale electric cars on an indoor off-road track. The facility also features a hobby shop, snack bar, A/C power and scoring is done via an auto count system. The track is at 443 S. Calapool, Sutherlin, OR 97479. For the latest schedule call (503) 459-2746.

PENNSYLVANIA

CARCLUB-COCHRANTON AREA

Racing every Fri. at 6; Sat. 9 a.m.; Sun. at noon. Indoor carpet-dirt outdoor. Contact Harry, 120 W. Adams St., Cochran, PA 16314. (814) 524-7788.

CEB MOTORS R/C DIVISION

This indoor facility races 1/12 and 1/10 electric cars. Racing is for both oval and road course designed cars. The track features a hobby shop, snack bar, AC power, auto score and the parking lot can handle RV's. Call us at (717) 375-4635, or stop by at 5743 Molly Pitcher Hwy., Marion,

C.A.R. CLUB

Racing every Sunday. Tamarack Raceways, Contact Harry Turner, 120 W. Adams St., Cochran, PA 16314, (814) 524-7788.

WAGONHILL HOBBIES

Indoor 1/10 & 1/12 road racing every Fri. night. Off-road every Sat. night. 225 S. Board St., Grove City, PA (412) 458-4711.

TC'S R/C'S

Inside and outside race track and RC Shop. 1537 Freeport Rd., Natrona Heights, PA 15065, Call 226-8802.

PHILLY RADIO CONTROLLED RACERS R/C CAR CLUB

1/10 on-road paved track. Sundays, April thru November 11 a.m. 7790 Dungan Rd., N.E. Philadelphia. Jon (215) 224-4822 or Bernie (215) 831-1835.

EAST ST. RACEWAY AND ART CENTER

Over 4,000 Sq. foot carpet track. Computerized lap counting. Racing starts at 7 p.m. each night. Friday oval racing; Saturday stadium off-road. Located at 747 E. Railroad Ave., Verona, PA 15147 - (412) 826-0602.

MUSHROOM BOWL SPEEDWAY

This outdoor 305' paved banked tri-oval features organized 1/10 and 1/12 car and truck racing on Thursdays and Saturdays at 7:00 PM, June through October. On-site hobby shop, indoor pits with AC power and scoring is computerized. For information or directions call (610) 444-1850. We are at 812 West Cypress Avenue, Kennett Square, PA 19348.

ROAD RUNNER RACEWAY

Racing in an air conditioned environment is always a plus, and this facility has that to go along with its 220 foot high banked carpet oval track. In addition, there is also an off-road circuit there. Road Runner features a fully stocked hobby shop, snack bar and scoring is done with an AMB auto-lap system. Located at 1027 E. 7th St., Bloomsburg, PA 17815. For the latest racing information call them at (717) 784-1260. They can also be reached by fax at (717) 784-1760.

DC ULTRA TRAX

This outdoor facility features racing for gas and electric 1/10th cars. There is both racing for those who run oval as well as off-road here. In addition to the circuits, there is a snack bar, A/C power and scoring is done via an auto count system. The track is at 1380 Creek Rd., Wycombe, PA 18980. Their number is (215) 672-5200.

SOUTH CAROLINA

BNS COMPETITION HOBBIES

Contact Bob Sanford, (803) 224-8591. Route 7, Box 380, Anderson, SC 29624. Racing and open practice Wed. 6:30 p.m. Every Saturday 1 p.m. 1/10 Dirt Oval.

RACER'S CHOICE

On-road racing for 1/10 and 1/12 scale is at this track. Racing is done indoors, on carpet. The facility has a hobby shop, snack bar, AC power and an auto count system for scoring. There is also RTV Access. The track is located at 4020 Fernandina Rd., Columbia, SC 29210. For a schedule of races call (803) 561-0000.

BEREA R/C SPEEDWAY

Fri. Nights 1/10 conc., banked oval; Sat. nights stadium off-road for trucks and buggies; Sunday unlimited oval; 707 Sulphur Springs Rd., Greenville, SC 29610. (803) 246-4702.

HOBBIES AND MORE

Drag racing every Sunday for 1/12 and 1/10 scale on new outdoor concrete drag strip with RaceAmerica Tree. Pit tables with electric hook-ups and a fully stocked hobby shop add to the facility. The track is open for practice daily at 1570 South Main St., Darlington, SC 29532. Phone them at (803) 393-0355 for the

latest details.

TENNESSEE

RIVERGATE HOBBY CENTER

Both on and off-road cars, racing in 1/10 and 1/12 classes will be found here. This indoor facility features a hobby shop, A/C power and scoring is done via an auto count. The track is located at 707-E Two Mile Pkwy., Cordlettsville, TN 37072. Phone us at (615) 859-3455.

MSA R/C RACING

Racing for 1/10 and 1/8 cars, in both gas and electric versions. At this track a racer can find competition for on-road, off-road, dirt oval and paved oval. There's tracks both indoors and out, and the facility features a hobby shop, snack bar, AC power and scoring is done with an auto count system. Call them for the latest racing schedule at (615) 456-0027. They're located at Rt. 12 Box 489B, Crossville, TN 38555.

TEXAS

HAL'S R/C RACEWAY

Sat. is on-road asphalt 1/10. Sun. is off-road. Registration both days is at 11:00 a.m. 1440 Bessemer, El Paso, TX 79936 (915) 591-2213.

RIVER CITY RACEWAY

On Quincy Road, Wichita Falls, TX. Every 2nd & 4th Sundays at Noon. Call (817) 691-1478.

ARROW HOBBIES

Wed. - 1/10; Every other Friday 1/8 Sprint cars only; Saturdays 1/10 dirt oval. 2710 So. 1-35 West, Burleson, TX, (817) 295-2821.

VICTORIA HOBBY SHOP

Every Sat. Off-Road; Every Sunday - Ovals. 5211 John Stockbauer, Victoria, TX 77904, (512) 575-3270.

COASTAL BEND SANDBLASTERS R/C CAR CLUB

Races first thru third Sundays, 2 p.m. start. Bill Witt Park, Yorktown Road, Corpus Christi, TX. Call Pete (512) 992-4448.

AMERICAN ANGLER TACKLE & R/C

HOBBY CENTER'S "AA" RACEWAY

Two dirt tracks, oval & off-road. Races every Sunday, 1 p.m. Tracks alternated. Races every Saturday 11 a.m. oval. Hobby shop on site. 1617 Toomey Rd., Austin, TX 78704, (512) 474-8277.

WESTSIDE HOBBIES

1/10 Racing every Sat. 1/10 on-road racing every Sun. on asphalt. Alternating oval and road course. 7214-A N. Mesa, El Paso, TX 79912. Call Tom, Mark or Tim at (915) 585-1864.

FINISH LINE HOBBY & RACEWAY

1/10 scale indoor off-road every Fri. and Sat. 8:00 p.m. 1/12 indoor carpet every Tue. 7:00 p.m. 11925 Jones Maltsberger, San Antonio, TX 78216. Call (512) 491-0088 for more information.

T & T EAGLE HOBBY

Headquarters for the "Killer Dillers" R/C Club, racing is on the first and third Sunday in front of the store. The first Sunday is road course and the third is oval. Emphasis is on fun racing. Trophies for novice class only, entry \$5.

HURRICANE SPEEDWAY

Racing Wed., Fri., Sat., Sun., alternating off-road and oval. Track is at 9600B Old Katy Rd., Houston, TX 77055. (713) 464-8020.

RC STARS RACEWAY

Racing for 1/10 gas and electric cars on their outdoor, dirt off-road track. They also have a hobby shop and for food there is a Pizza Hut right there. To ensure accurate scoring they use an auto count system. The track also allows free use of the track to all. Track is at Hwy. 100 in Port Isabel, TX 78597. Phone them at (210) 943-7546.

RIVERCITY SPEEDWAY

Both gas and electric 1/12 and 1/10 cars can race at this track. The off-road and paved oval tracks are located outdoors, and there is A/C power. The track is located at 11731 Wetmore Rd., San Antonio, TX 78247. For the latest racing information call (210) 341-5625.

THE SOUTHWEST OFF-ROADERS

Dubbed the largest indoor Off-road track in Texas, the Southwest Off-Roaders, sponsored by Houston R/C is based out of Houston, Texas. Their address is 6338 Skyline Dr. Call them for all the details at (713) 266-6006.

TEXAS R/C SPEEDWAY - RCRC OF DALLAS

Whether you race 1/12th, 1/10th, or 1/8th - gas or electric, this track has a class for you. This outdoor facility features an on-road asphalt track, and scoring is done with an auto count system. They are located at 1616 Barnes Bridge Rd., Dallas, TX 75218. Phone them at (214) 328-5331.

UTAH

I.R.C.D.R.A./HOBBY EXPRESS

Race indoor off-road every Saturday at 6 p.m. 3150 Brinker, Ogden, UT info call Hobby Express (801) 621-4013.

WASATCH OFF-ROAD RACEWAY

Operated by IRCDRA. Races are indoor on an off-road and oval raceway. Races every Saturday at 6:00 p.m. Track at 3170 Brinker Ave., Ogden, UT 84401. Phone is (801) 773-0933.

HANSEN'S INTERMOUNTAIN R/C RACEWAYS

Electric 1/12 and 1/10 cars can race at this complete facility. There are both indoor and outdoor tracks, and there are classes for paved oval, off-road and on road. This track also features a hobby shop, snack bar, A/C power, an auto count and there is RV access. For the latest racing schedule call (801) 250-8303. The track is at 8481 W. 2700 South, Magna, UT 84044

VERMONT

MIKES HOBBIES & RACEWAY

Indoor banked 1/10 carpeted oval, on-road racing. Six classes every Wed. at 7:00

RACIN' PLACES

Attention Race Facilities!

Advertise your club or track in Competition Plus free of charge!
Simply mail in or fax the vitals of your track and we'll publish it
in the next available issue. Use the handy form below.

(circle all that are applicable)

TRACK/CLUB NAME _____	1/12	OFF-ROAD	ASPHALT
ADDRESS _____	1/10	DIRT OVAL	DIRT
CITY _____	1/8	PAVED OVAL	HOBBY SHOP
STATE _____ ZIP _____ PHONE () _____	1/4	DRAG	SNACK BAR
	GAS	INDOOR	AC POWER
	ELECTRIC	OUTDOOR	AUTO COUNT
	ON-ROAD	CARPET	RV ACCESS

Note: Use this form to also notify us of tracks that may have
closed in your area that we may not know about yet.

p.m. and Sun. at 1:00 p.m. Track at 162 N. Main St., Rutland, VT 05701 - (802) 775-0059. Ask for Lee or Chuck.

VIRGINIA

F/X CITY RACEWAY

Every Saturday 1 p.m. The Frame Gallery, 13340 F. Franklyn Farm Road, Herndon, VA 22071. For info call Eric (703) 471-4499.

WINNERS CIRCLE HOBBY SHOP & RACEWAY

Racing every Saturday night at 6 p.m. Large oval carpet. 3236 W. Clay St., Richmond, VA 23230 (804) 355-7076.

COOPER'S RC RACE CENTER

Racing indoors every Saturday night. Racing every Sunday 2 p.m. oval and off-road - June through October. Contact Norris (804) 724-4182. Rt. 4, Box 122B, Chatham, VA 24531.

FAIRYSTONE R/C SPEEDWAY

Dirt 1/10 scale 1/4 mile oval & figure eight racing every Thur. and Sat. eves. through Halloween. Hobby shop, concession stand. Rt. 4 Box 918, State Rd. 635, Stuart, VA 24171. Phone (703) 930-3984.

HOBBY HANGAR SPEEDWAY

Those coming to this track can race 1/12 and 1/10 cars in both gas and electric powered versions. There's racing on carpet and dirt, for road and off-road racing. The facility boasts a hobby shop, snack bar, AC power and uses an auto count scoring system. Hobby hanger is at 4433A Brookfield Corp. Dr., Chantilly, VA 22021. Call (703) 631-8820.

WASHINGTON

SPOKANE INDOOR RACEWAY

A 10,000 sq. ft. facility with carpeted on-road track & indoor dirt off-road. Large indoor pit area, computer scoring (AMB), full parts shop. Located at E. 6422 2nd Ave., Spokane, WA 99212. (509) 534-RACE.

WEST VIRGINIA

WEST VIRGINIA REMOTE CONTROL RACEWAY

Racing every Sunday. Doors open at 12 noon, racing starts at 1 p.m. The track size is a 90 X 50 foot carpet oval. Prizes in all "A" mains. Track is at 601 Jefferson Rd., South Charleston, WV 25309. Call Russell Pauley (304) 346-7223 after 6 p.m.

R/C RACE PLACE

Racing on-road every Wed. night at 7:00 p.m. and carpet oval every Fri. night at 7:00 p.m. during the winter months. Racing outside for dirt oval every Wed. Fri. nights on lighted 260 foot track during the summer months. Full hobby shop. Contact Mike or Dennis at (304) 292-0811.

WEST VIRGINIA R/C CAR ASSOCIATION

This off-road outdoor track has racing for 1/10 and 1/8 gas and electric cars. There is A/C power, and you should call for the schedule at (304) 842-2742. They are located at 142 West Main St., Bridgeport, WV 26330.

WISCONSIN

MADISON AREA R/C CAR ASSOCIATION, INC.

Dirt Oval on Sun. Carpet road racing on Sat. Carpet oval on 1st and 3rd Fri. Track is at 1810 S. Park St., Madison, WI. Call 273-0519 or 837-2033

J. G. S.

Wisconsin's finest off-road race track. Groomed 100 ft. straightaway, computer scoring, driver's stand, starting lights. Racing every other Sunday 1 p.m. Menomonee Falls, WI (414) 255-2040.

S & N'S TRACKSIDE HOBBIES & RACEWAY

Racing for 1/12 and 1/10 gas and electric cars in many scales including on road, off-road and oval, both indoors and out. There is also a hobby shop, snack bar, AC power, RV access and scoring is done with an auto-count system. Track is at 6045 N. Green Bay Ave., Glendale, WI 53209. Phone for the latest schedule at (414) 351-1910.

ABC R/C

Clay track racing every Sat. 1 p.m. Truck pulls every Tuesday 6:30 p.m. 1441 B E. Main Street, Waukesha, WI 53186, (414) 542-1245.

ALL IN 1 RACEWAY

5612 S. 108th St., Hales Corners, WI. 1/10 scale indoor dirt track. High speed semi-oval and true off-road courses. Racing Wednesday nights at 6 p.m. Sat. & Sun. at 1 p.m. For more info call (414) 425-4060.

GARY'S HOBBY SHOP

Indoor banked concrete oval racing Tue. nights. Figure "8" Sun. afternoon. On site hobby shop with AC & DC power. For latest information call (414) 554-8884 or (414) 554-8636. Address is 3701 Durand Ave., Elmwood Plaza, Racine, WI 53405.

BAYLAND HOBBIES

Racing for cars in the 1/12, 1/10 and 1/8 scales. This complete facility features courses both indoors and out, and features a hobby shop, snack bar, A/C power, auto count and there is RV access. The track is located at 951D Ashwaubenon St., Green Bay WI, 54304. For the latest schedule call (414) 339-8288.

RETAILERS!

Tired of letting your competition set up shop in your store?

At Competition Plus, we understand how important the hobby shop is. The service and information you provide to the racer . . . the clubs or races you help run . . . this is all important to the success of our sport. Without hobby shops, there are no R/C cars. No racers, manufacturers, . . . or magazines! Hats off to the people who really keep this sport going. Your success, translates to success for all of us.

REMEMBER, NO MAIL-ORDER ADS!

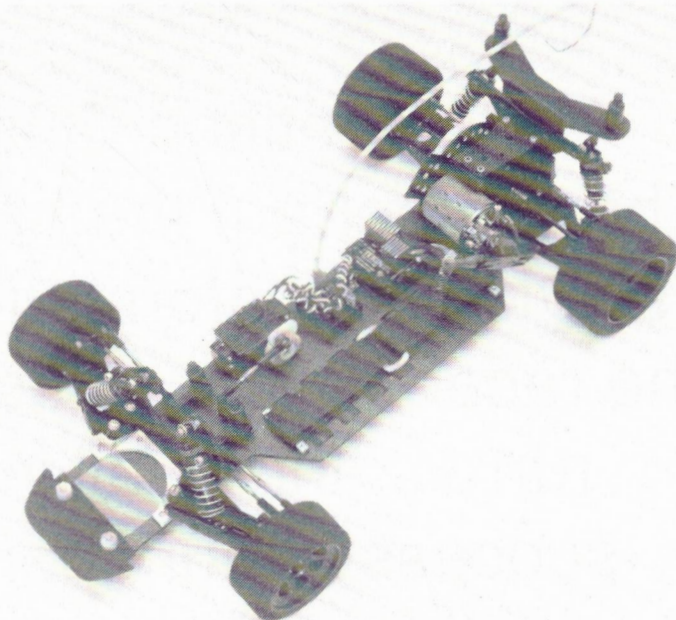
DISPLAY WITH CONFIDENCE!

FOR THE

Hugger By Grand Motorsports

The Hugger radio control car was developed from real race car technology where there are rules which allow the car builder to take advantage of weight bias in designing the car for optimum corner speed in oval racing. When this technology was applied to radio control car racing the results were obvious; the car did get through the turns faster!

We at Grand Motorsports have spent the past year developing the prototype of this car and now are offering the HUGGER in kit, or complete car form. The HUGGER is based on the Associated RC10 transmission and suspension components, so if you already own an RC10 all you need is the kit. Available through Grand Motorsports, 9360 Newton Avenue, Brooklyn Park, MN 55444, (612) 424-5293.



New Duratrax Spike Electronic Speed Control

DuraTrax introduces the forward-only Spike electronic speed control - a sport ESC engineered specifically for the price and features needs of modelers making their first move up from bulky mechanical speed controls. The Spike's targeted, 5-7 cell capacity is compatible with nearly all 1/10 scale cars and trucks.

For easy operation, the unit comes equipped with a "radio-style" on/off switch and 30 Amp fuse protection against incorrect hook-up or overload. Suggested Retail \$69.99, DTXM1005 Spike Sport ESC, Futaba J, DTXM1006, Airtronics. Great Planes Model Distributors, 2904 Research Road, Champaign, IL 61826-9021, (217) 398-3630, FAX (217) 398-0008.



RACER

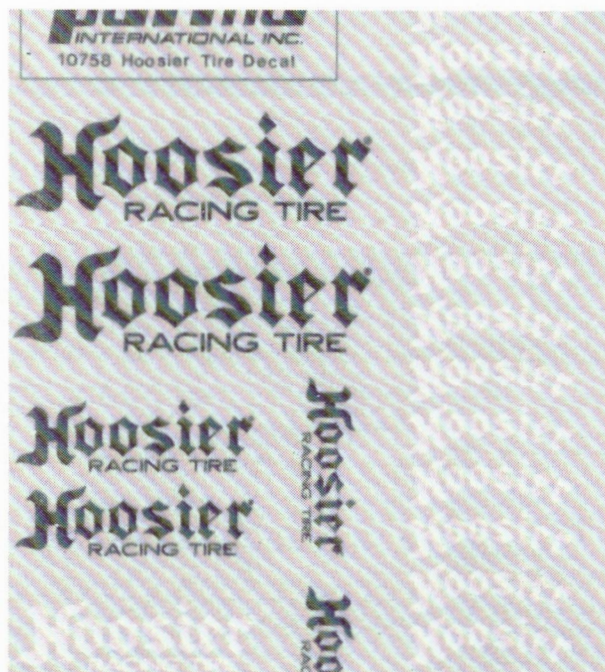
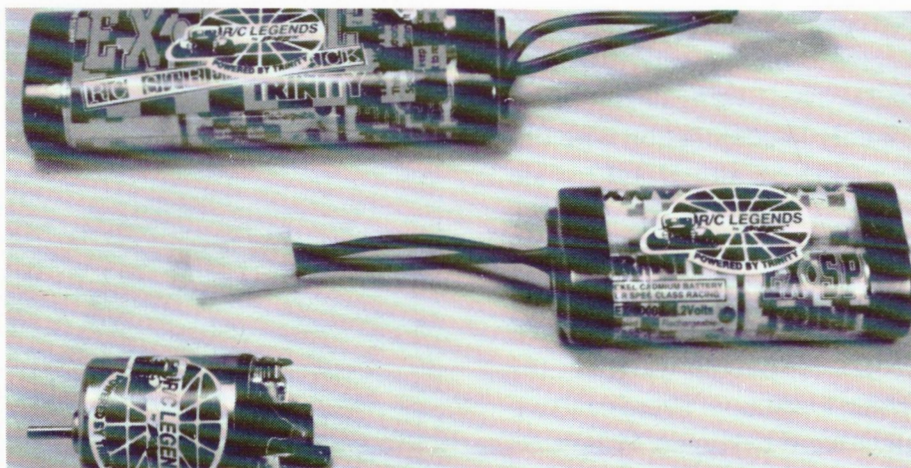
A CLEAR DIFFERENCE

You will see a packaging change in the LEGENDS 4 and 6 cell battery packs (made by Trinity). The cells now have the Sanyo-Trinity Ex-Spec shrink wrap, with clear shrink wrap on the pack, and the regular LEGENDS label.

NEW MOTOR DESIGN

The LEGENDS motor will have new brush hardware and brushes to eliminate hanging problems with the old hardware, and double shunt wires. We have spent considerable testing time, and found the new motors to be very close to the same performance - and more consistent - than the old.

The new motors (by Trinity) will be shipped immediately. The new battery packs are available now. BoLink R/C CARS, INC., 420 Hosea Rd., Lawrenceville, GA 30245 (404) 963-0252, FAX (404) 963-7334



Hoosier Tire Decal

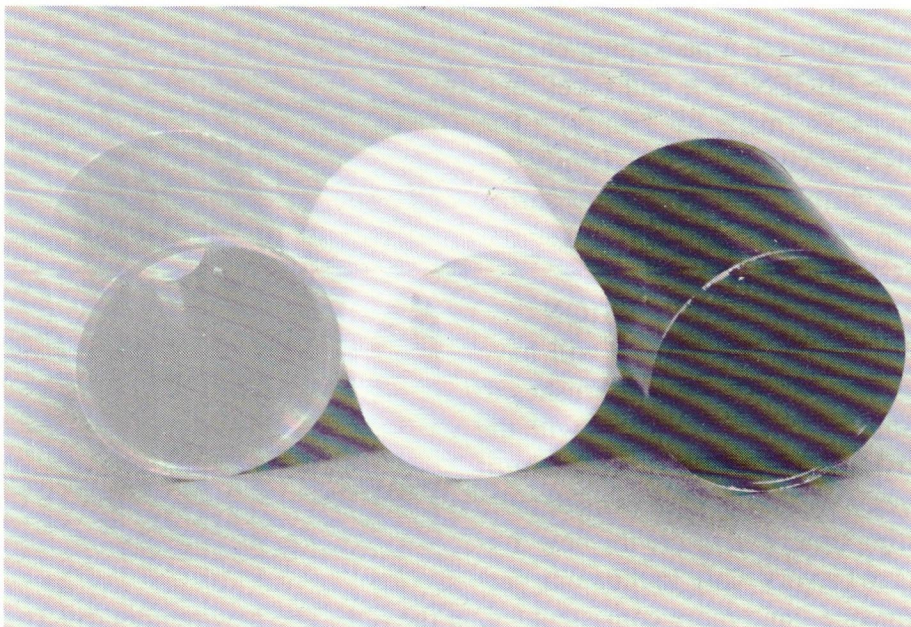
What do you find at every track? Indoor or outdoor? Tires!!! And if you have tires, you need lettering decals for 'em. HOOSIER is having a hot year in racing and the R/C racers will love this 3" x 4" - 2 color decal Sheet. Retail \$2.00. Parma International, Inc., 13927 Progress Parkway, North Royalton, OH 44133.

FOR THE

New Wheels

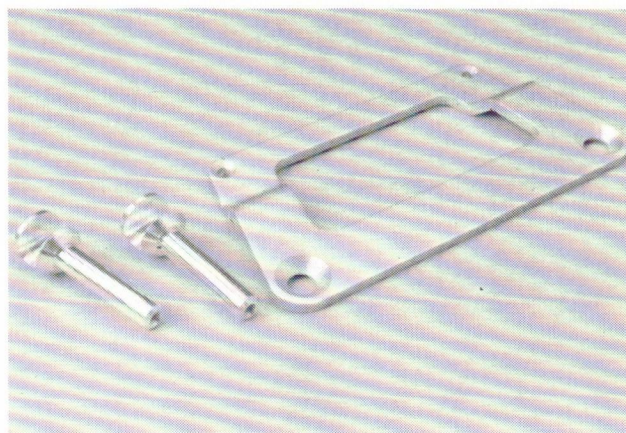
Associated is happy to announce the release of our new dish rear wheels. They were designed to work only in conjunction with our new #4455 Stealth II 1:12 scale differential kit. The main design purpose was two-fold. We wanted to make a bolt-on rear wheel for the 1:12 scale car, and we wanted to reduce the overall weight of the rear axle assembly. These new rear wheels were designed to bolt on to the new rear axle.

These wheels (#3609 dyable white, #3609B black and #3609Y florescent yellow, \$3.50 pr.) have the more popular dish styling, yet also adds strength and rigidity to the center and outer rim of the wheel. This means that you will experience less flex and out-of-roundness of the wheel, especially at the outer rim, allowing the tire to run smoother and handle more consistently. Associated Electrics, Inc., 3585 Cadillac Avenue, Costa Mesa, CA 92626, (714) 850-9342, Fax (714) 850-1744.



Special Bumper Post Set

The Bumper Post Set includes an aluminum skid plate and body posts to stiffen and strengthen the front end. Part No. KYOC2681, Suggested Retail \$16.99. Great Planes Models Distributors, 2904 Research Road, Champaign, IL 61826-9021, Phone (217) 398-3630, Fax (217) 398-0008.



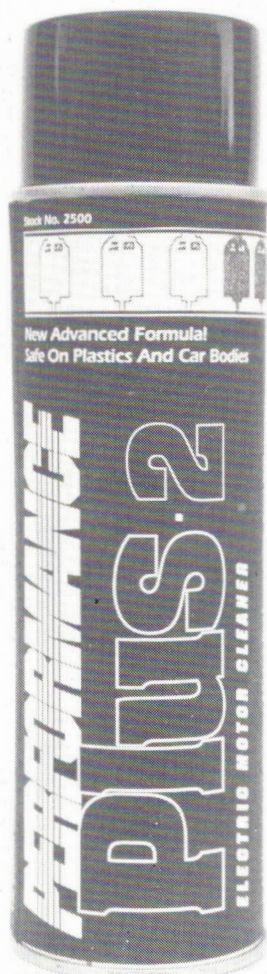
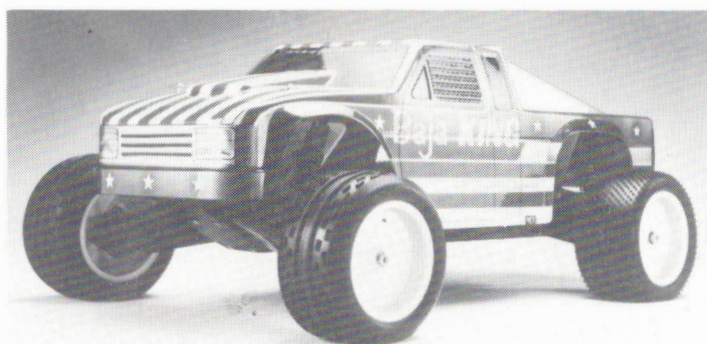
RACER

An Offer You Can't Refuse

We'd like to make an offer you can't refuse. How would you like to have the speed and performance of an off-road racing truck at a price that's hard to believe? We're talking about MRC's new Baja King BBX Desert Racing Truck.

You'll find standard equipment like an adjustable ball diff for added control; an adjustable slipper clutch so you can smooth out the power transfer to the ground no matter what kind of surface you race it on; and an adjustable motor mount permitting the use of optional pinion gears. The chassis is made from an aircraft-grade aluminum alloy for superior strength without flexing. The front and rear lower suspension arms utilize glass-filled nylon with a 1.5 degree toe-in on the rear arms for improved cornering and a 30 degree front end rake angle for high speed stability. The four oil-filled aluminum shock absorbers come with 3 different pistons and adjustable coil-over springs for adjusting the pre-load, compression and rebound dampening to match track conditions.

MRC, 200 Carter Drive, Edison, NJ 08818, (908) 248-0400, Fax (908) 248-0970.

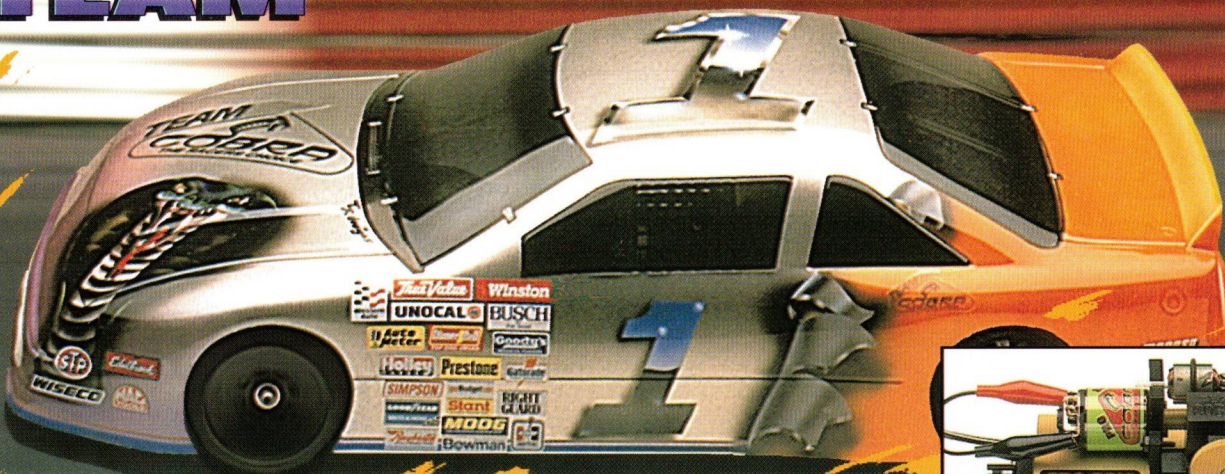


No Smell Motor Cleaner

T.A. Emerald Industries is proud to announce the releasing of a new advanced formulation electric motor cleaner called Performance Plus 2. Performance Plus 2 is a drastically improved motor cleaner, with quicker evaporation and no smell. Most of all Performance Plus 2 does not harm plastics or Lexan car bodies. Performance Plus 2 continues to noticeably improve motor's performance and efficiency, and still retails only at \$5.99. Recommended and used by Rick Hohwart, driver/President of Peak Performance Racing Motors and the whole factory racing team. T. A. Emerald Industries, 92 Corporate Park, Suite C-127, Irvine, CA 92714, (800) 280-0020.

COBRA

TEAM



Power Feed with Power Station

✦ Semi-Automate Your Comm Lathe. ✦ No More Cranking...Power Feed Does It For You. ✦ Perfect Cuts Every Time. ✦ Variable Arm RPM. ✦ Variable Cutting Speed. ✦ Digital Readout. ✦ 15 Amp Variable Source Built In...Can Be Used To Break-In Motors, Drive Slaves, Etc. ✦ Works With Most Popular Lathes. ✦ Requires 12 Volt DC Source (20 amp minimum) And Roar 91 Motor. ✦ Lathe And Drive Motor NOT Included. ✦ Cobra Stock Com 2000K Lathe Requires Handle #2105.



Cobra Pro Com 2000

✦ Accurate Within .0002". ✦ Crank Conveniently Located Opposite The Motor For Easier Cranking. ✦ Attractive Gold And Black Anodized Aluminum, With A Wide Base For Added Stability. ✦ Minimal Assembly. ✦ Easy, Adjustable Cutting Stop. ✦ Teflon Way Shims For Smoother Operation. ✦ Lightweight And Portable. ✦ Carbide Cutting Bit Included. ✦ Optional Diamond Cutting Bit. ✦ 2000K Features A Secure, Tight Motor Clamp For No Vibration And Maximum Accuracy. ✦ 2000K Cuts Any Stock Style Motor. ✦ Increases Motor Life 3-4 Times And Improves Motor Performance.

Cobra Stock Com 2000K



Comm Cutting Fluid

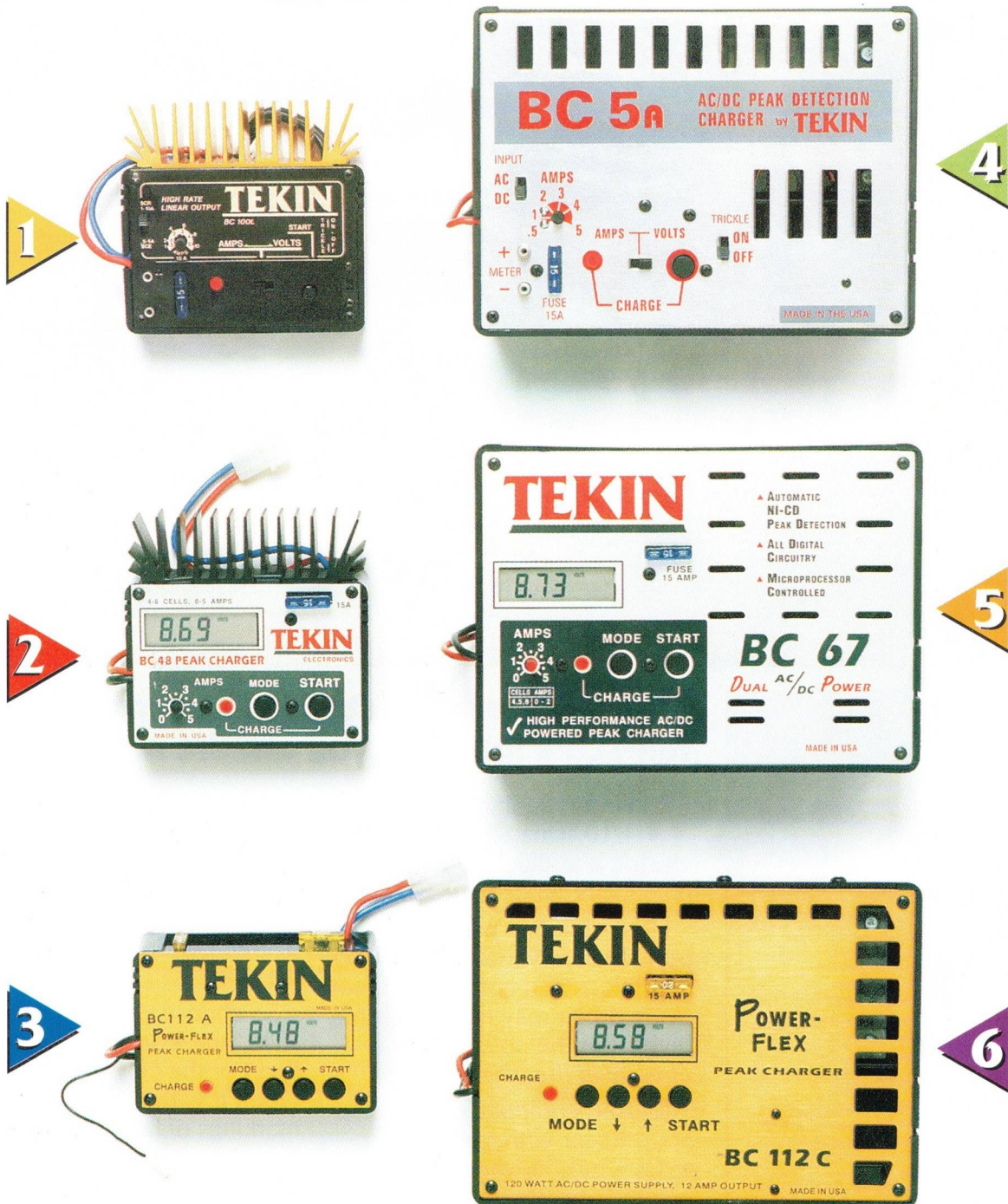
✦ A Space Age Fluid specifically designed by our Racing and Machining experts at Team Cobra to give you the best comm finish possible. Part #40002.



Send \$3.00
for Sticker
Pack and
Catalog.
Dealer and
Distributor
Inquiries
Welcome.



CHARGE!



1994 World Champion

1 BC 100L: Dependable, small size, proven, high performance DC Racing Peak Charger.

2 BC 48: Adds digital accuracy, and multi-function LCD display with three charge modes.

3 BC 112A: Adds Power-Flex high horsepower cell conditioning, cool switching operation, extra display modes, and optional discharger.

BC 5A: Adds built-in, solid 5 amp, soft pulse AC/DC power supply.

BC 67: Adds built-in, solid 5 amp output, linear pulse AC/DC power supply.

BC 112C: Adds high performance, 24 volt, 10 amp, cool running switch-mode, dual linear AC/DC power supply.

TEKIN®

940 Calle Negocio, San Clemente, CA 92673

For further information and complete specifications, visit your local hobby dealer.

AFFORDABLE HIGH PERFORMANCE? WE HAVE THE TECHNOLOGY.

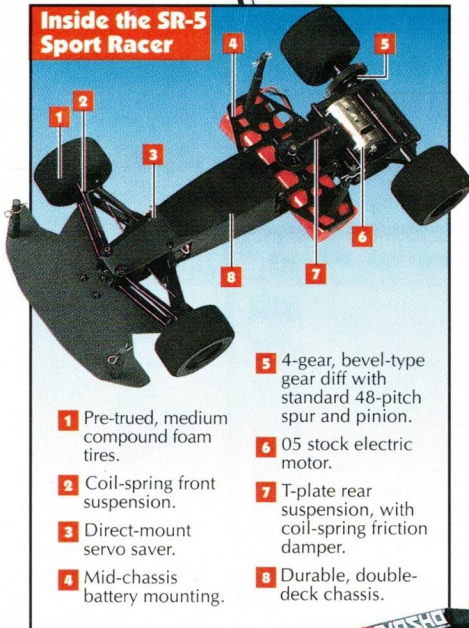
SR-5 SPORT RACER™



High-tech
suspension
for easy
handling

Stock Car

Inside the SR-5 Sport Racer



- 1 Pre-trued, medium compound foam tires.
- 2 Coil-spring front suspension.
- 3 Direct-mount servo saver.
- 4 Mid-chassis battery mounting.

- 5 4-gear, bevel-type gear diff with standard 48-pitch spur and pinion.
- 6 05 stock electric motor.
- 7 T-plate rear suspension, with coil-spring friction damper.
- 8 Durable, double-deck chassis.

It's "fast fun"—with the look of whatever full-scale machine you admire most.

Without modifications, the 1/10 scale SR-5 2WD electric was clocked at a practically supersonic 37+ mph.

Here's the fine print—up front: Due to variables like track conditions and control skill, not every driver may hit those same highs. But the potential is *already in the machine.*

Kyosho equipped the SR-5 Sport Racer with some of today's most advanced on-road engineering. It delivers more than enough power for parking lot

wins—plus the durability, easy assembly and easy operation that new on-road racers need. You won't find better overall performance for the price.

So choose your favorite style...the lean, low Formula Sport or the classic Stock Car. Outfit it with the distinctive markings of the full-scale machine you admire most (your hobby dealer can help you find the right decal sets).

Then, gentlemen—and ladies—start those engines!

Many
hop-up
option parts
available



Models shown detailed with Kyosho and/or Autographics decals, not included in kit.

Formula Sport Car



For a free brochure and the location of the dealer nearest you, please call 1-800-682-8948, ext. 105L.

KYOSHO
THE FINEST RADIO CONTROL MODELS

Distributed Exclusively Through
GREAT PLANES MODEL DISTRIBUTORS COMPANY,
P.O. Box 9021, Champaign, IL 61826-9021