The Art of Paint & Concours

November, 1995

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COMPETITION PLUS

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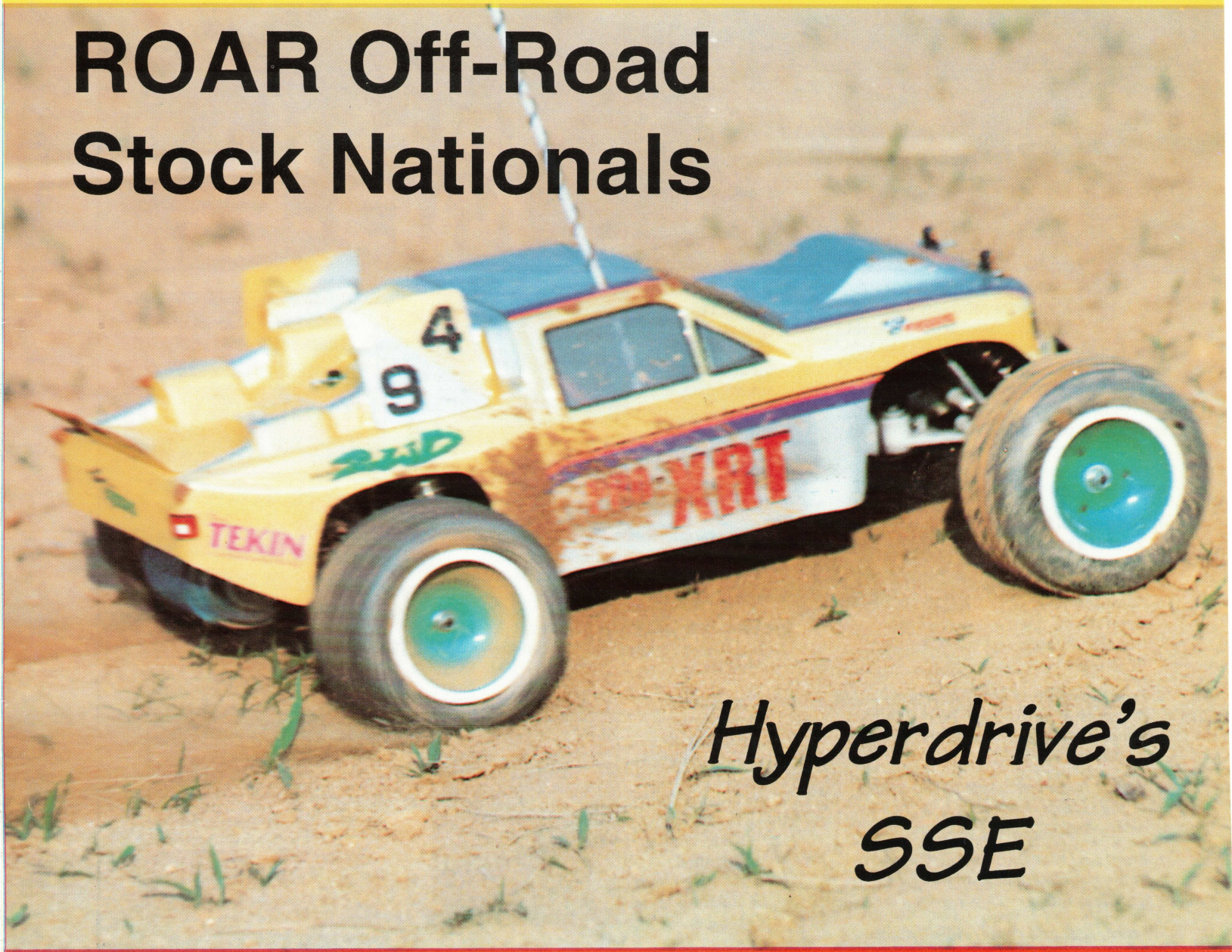
ROAR Off-Road Stock Nationals



Hyperdrive's SSE

Kyosho's Pro-XRT

The inside scoop on the next 1/8 scale champion.



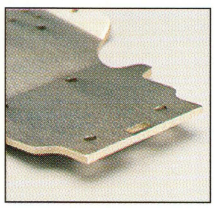
INFERNO MP-5™



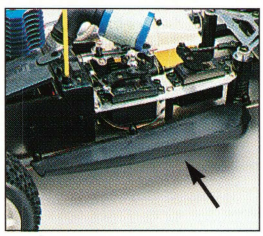
What's it take to stay #1 in 1/8 scale off-road? Kyosho knows. We've got the gold from two recent IFMAR World Championships (1992 and 1994) to prove it.

And we're set to keep on scoring with the all-new Inferno MP-5 4WD. No buggy goes faster, hits harder or handles better. In fact, everything about the Inferno MP-5 increases your edge:

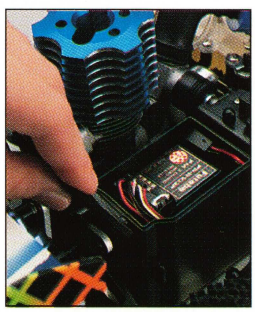
1. ***Gold-anodized, 2.5mm aluminum chassis with 8° of built-in front kick-up.*** Now you've got the stability you need to slam the throttle and slash lap times!



2. ***Front suspension knuckle arm kingpins set at 6°.*** They help shoulder the steering servo load so you can turn tight and fast.
3. ***Engine mounted closer to the center of the chassis.*** Better left-to-right balance eases high-speed handling.
4. ***Front and rear disc brakes.*** Tune 'em to the track by dialing-in independent front/rear linkage adjustments.
5. ***Front, rear and center diffs.*** Smaller bevel gears mean a lower drive train CG—and that keeps you steadier on the straights.
6. ***Large, rugged plastic chassis side guards.*** They give you security against sideswipers, and help seal out dirt and debris.



7. ***Heavy-duty front and rear suspension arms.*** One-piece lower arms add "Go for it!" guts to the super-strong suspension.
8. ***Large-volume Turbo Shocks.*** When you're riding on these Teflon®-coated, oil-filled dampeners, brutal tracks melt like butter.
9. ***Heavy-duty wing stay.*** Endures rough racing action without bending or breaking.
10. ***Removable, water-resistant radio box.*** It protects your receiver and receiver NiCd so well, you can hose down your buggy after a win—so it's ready to clean up at the *next* race.



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1995 Off-Road World Challenge Champion
Inferno MP5
1/8 Scale Off-Road ™

Kris Moore drives the Inferno MP-5 to an impressive A-main victory over serious competition at the 1995 Off-Road World Challenge in Detroit, MI.

Chassis Specifications:
Length: 19.2 in (490mm)
Width: 11.8 in (300mm)
Height: 8.2 in (210mm)
Weight: 7 lb (3200g)
Gear Ratio: 11.72:1
Wheelbase: 12.7 in (325mm)
Track (Front and Rear): 10.1 in (258mm)
Requires: .21 cu in (3.5cc) rear exhaust buggy engine with tuned exhaust system; 2-channel radio; glow fuel & glow starter

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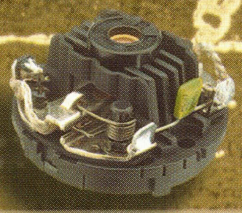
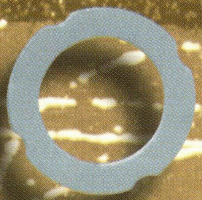
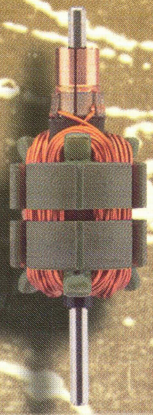


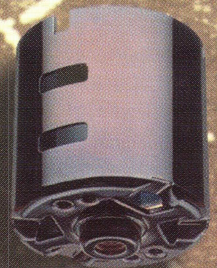
Midnight's exclusive lightweight Uniflow™ endbell and black heat sinks, posts and screws increase heat dissipation. RC-4463 Hard Compound Brushes and capacitors are soldered on, making it ready to run.



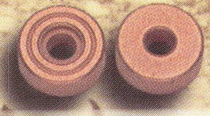
The Midnight is the only stock motor with an Internal Magnetic Flux Collector™ designed to improve the magnetic field balance.



Midnight is the only ROAR stock motor equipped with a ShortStack Slotted Armature.™ The arm's Thermal Transfer Gateways are designed to carry heat away from the windings. This means more performance and longer life.



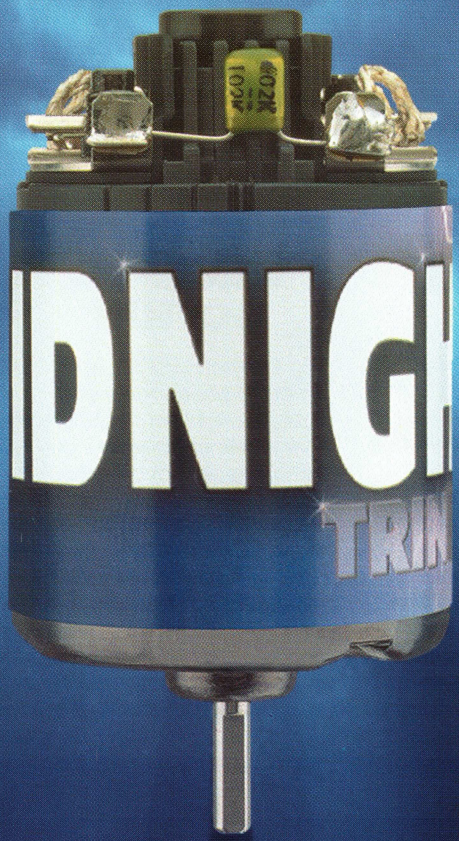
Only Midnight has a 1.3mm thick Can and v5.2 Wet Magnets (the same as our Team Kinwald modifieds), for the strongest possible magnetic field. Special Cooling Tunnels and an advanced new Two Hole Air Vent System™ help the motor deliver more power, run cooler and last longer.



Midnight Standard

New with the Midnight, Narrow Cross-Section Bushings reduce power-robbing friction with 1/3 less shaft contact.

Midnight will scare the hell out of you.



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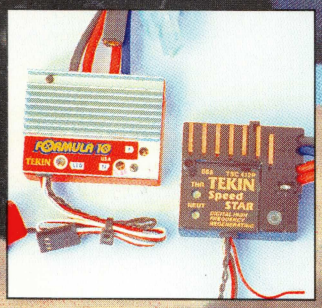
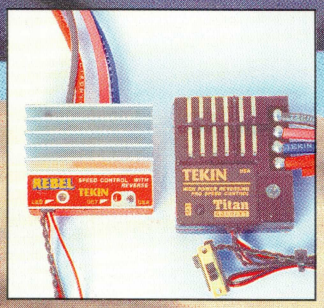
-SPEED CONTROLS-



DRIVING FUN

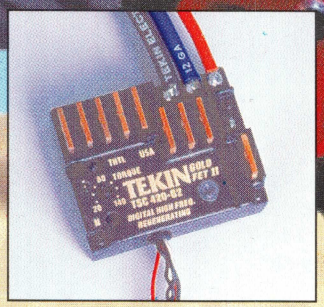
SPEEDSTAR & new FORMULA 10 replace servo, wiper, resistor, receiver battery, and most original wiring with one simple, compact, efficient, durable, and reliable unit. Smooth proportional throttle control from a slow crawl, to wide open. Powerful adjustable braking. Genuine high-frequency operation gives you 25% more run-time, plus your motors last much longer. Both models feature powerful transistors, to run the hottest modified motors without overheating or shutting off. Built-in motor diodes and connectors. COMMAND-10 (not shown) has the extra convenience of QuickTune setup, and 3500 Hz operation for top racing power.



REVERSE ACTION

The new REBEL is a practical-priced reversing speed control, which delivers new levels of awesome performance, without overheating. Its new Thermal Transfer Technology handles modified motors down to 10 turns, Let the REBEL take you where others dare not!

The TITAN has two rows of 6 GoldFET transistors, for maximum power and fun. The Titan can power 10 turn or dual mild-modified motors, with blazing speed. Adjusts to your radio in less than 10 seconds with Tekin's Quick-tune electronic setup. Both reversing models feature adjustable reverse delay 0-5 seconds, plus lockout.



CHAMPION RACING

The G-12 makes use of the best components and exclusive engineering to deliver it's World caliber performance. Some outstanding features include, 3500 Hertz high frequency operation for longer run time, Replaceable wires, Super-Low .00125 Ohm resistance, Built-in motor diode, Current Limiter Test Point, and 5 Amp B.E.C. The G-12 handles 350 amps of current, an awesome 3 times more than what the batteries can actually put out.

411-P2 (not shown) has a torque control at an economical price.

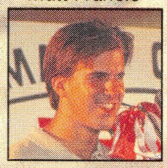
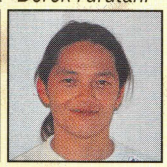
The 420-G2 is the 105 MPH speed control! Use it for extreme high power, drag racing, insane runs, etc. It handles up to 20 cells, and runs dual modified motors. Special design allows sustained high amperage output.



COMPETITIVE ADVANTAGE

New is the G-12c, with CoolSwitch circuit. This circuit switches the gate of the FETs very fast, for coolest operation. It also boosts power, and eliminates the need for heat-sinks in most applications. But we didn't stop there. We added new Specially-Shunted GoldFET transistors to reduce voltage-dropping resistance to the vanishing point. We also gave it more speeds. Then, we boosted the switching frequency of the G-12c Up, to the highest Peak-Efficiency operating point. With this advanced design your motor windings also will run cooler, dropping the motor resistance substantially. This further increases motor power and run time an additional 25-40 seconds.

IFMAR World's Results

Matt Francis	Masami Hirosaka	Derek Furutani	Greg Hodapp
			
1st-2WD, 4th-4WD BC112 (Charger)	*2nd-2WD 3rd-4WD Fastest run of two weeks G-12*	*3rd-2WD 9th-4WD G-12, BC112*	*6th-2WD 6th 4WD G-12 BC112*

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NOVEMBER, 1995 VOLUME 14, NO. 11

COMPETITION PLUS.

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Kyosho's new Pro-XRT. This truck is ready for any off-road adventure you choose to tackle. The Pro-XRT features independent suspension, full ball bearings and a slipper clutch.

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THIS MONTH IN RACING

READERS'

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!

Spectre Review

I realize this may be a bit outside the normal bounds of e-mail protocol, but I don't have an e-mail address for Mike Myers and his review of the "Spectre" in the August 1995 issue of Competition Plus raised some questions.

I am a bit of a fanatic when it comes to carpet oval racing and I wanted to try to find out what track was used for this test, and what are its characteristics? It makes a big difference if the track is short and tight or long with broad turns . . . . banked or flat . . . . what sort of carpet, etc.?

Our local track is a "club" facility, not aligned with any hobby shop, etc. It is in a rented warehouse and is about 75' long and 35' wide, with 8' lanes. Because it is flat and is carpeted with indoor/outdoor carpet, traction is sometimes hard to come by and a car designed for banked tracks can really be at a loss here.

Could you please forward this note to Mike for me.

Thank you for your time and for your input to the Internet community in addition to your writing for Competition Plus. I get amused at the comments about/from RCCA and RCMC, because while I do read them, I count on Competion Plus for serious reporting of racing events, etc., because it is the one that is not aimed at teeny boppers. It would be nice if you could include more detailed info on the A-main winners... pictures with data on tires, wheels, motor, ESC, servo, etc. I run off-road truck and my son runs off-road buggy, together with dirt oval in the Summer, and your coverage of both is second to none. I noted recent comments that RCCA and RCMC were ignoring dirt oval, but you folks "keep it coming"

Thanks!!

Tom Frahm

Here is all the information you're looking for. The review on the Spectre was done at Rider's Superspeedway in Canton, Michigan. The track is 40' X 100', and the surface is old grey ozite carpet. It is a flat track with long and broad turns. For any further information you can call Mike Myers at (313) 994-5255. Mike will be sure to answer any further questions you might have.

-Ed.

On-Road and Oval Racing in Florida

I just thought I would drop you a line to tell you about some of the things going on in Florida.

Racers in Florida enjoyed some great racing at the

LETTERS

ROAR On-Road Nationals in Naples. Although we were solidly rained out for over two days, the race staff worked "above and beyond" to prepare the track for us by vacuuming and drying the track with huge propane burners and laying down the sugar water. Race Director Charlie Creamer and his staff did the job and did it well. The Naples race site is one of Florida's premier on-road tracks. It also can boast of a nice concrete banked oval.

From Naples we went on to the State Series race in Tampa. This is a series held by the Florida Electric Auto Racing Assoc. which enjoys the record of having the longest continuously running electric on-road series in our country. We are fortunate here in Florida to be able to race outdoors year 'round and to have people very committed to bringing the best in R/C to us.

We drove almost 300 miles through rain and thunderstorms from Miami fully expecting to have rain all weekend at the Tampa race. The weather channel had predicted solid rain in the Tampa area all week. Things looked bleak. We arrived at the track site Friday afternoon in the middle of a lightning storm to find the largest track yet this year with the back straight over 110 ft. long. The Race Director and his staff were very busy advising arrivals to stay out of the open as Tampa was the lightning capital of the entire world! It had rained all week there and the outlook was gloomy.

Saturday morning we were all at it early, the weather was perfect, although much too hot. Each qualifier had 14 heats and the third qualifier of the day was interrupted after the first heat of stock when lightning started to threaten. The Race Director, Ken Holmes, postponed racing early and told all to be ready for an early start the next day. Sunday morning was also beautiful, the balance of the third and fourth qualifiers were held and then after the "Best Paint" and the Club Raffle the mains were started.

Almost 100 drivers participated in the racing. Tampa seems to have a good ability to draw racers from the entire state as it is somewhat centrally located. The racing was super, the trophy plaques very nice, and a great time was had by all. Our congratulations to the Tampa staff who pulled off a great race weekend. Thanks are also due to Sam's Wholesale Clubs, who allowed us to hold the event in their parking lot.

The Days Inn (on E. Busch) where we stayed, was a tremendous letdown. They refused to acknowledge the price we booked our rooms at and they charged us well over twice the quoted price. More will follow on that in future comments, as I will let you know how their management staff reacts to our complaints. We do have to support our supporters, you know.

The heat and humidity were unbelievable and when you combine that with no breeze and occasional lightning storms . . . Well, what can you expect for standing outside in a parking lot all day. It was a minor miracle but we somehow avoided rain all weekend.

On Saturday night we visited Tampa's famous Stadium Raceway aka Paul's Oval. I was delighted to find that we had walked into an indoor banked concrete oval that is a racer's dream. We were treated to several races from four cell Supertrucks to the Stock, Super Stock and Modified classes - all in 10th scale. I have never seen a cleaner night of racing or a better behaved group of drivers, all of them pros. That club can certainly be proud of their go fast drivers.

The Tampa Oval track was the one race of the Florida Assoc. of Superspeedway Tracks (F.A.S.T.) that I had missed this past year and I wanted to have a look to better prepare myself for the next series. I look forward to both the on-road series and the oval series.

Good Racing!

Daniel Martinez

Miami, FL

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Finish The Lap You're On!

By Peter Barana

What ever happend to Production Class? Over the past couple of months we've spent a great deal of time looking at the viability of a spec class, but it seems to me that we had something close to this many years ago.

Production, for those of you that are not familiar with the term, was a *car* class, it was designed to be this way so that drivers could compete without having to lay out a truck load of money for modifications. Strict adherence to the assembly rules laid out in the instruction manuals from each manufacturer's kit were the guidelines for this class. In addition, no bearings (only bushings) could be used. Motors were stock, and often handed out at big events. The class grew to a descent size, and in 1983 ROAR held the Production Class Nationals at the Ranch Pit Shop in Pomona, CA.

As was said earlier, this was a car class, and to my knowledge team drivers could enter, but did not out of a respect or understanding that this was to be a "beginners" class. Whether true "unsponsored" drivers entered this class or not is not the point of the article. The top three finishers that year may have truly been unsponsored, but the close friends, brothers or husbands of these three drivers were certainly sponsored. Again, I would not have cared if full blown sponsored drivers had entered. It was understood back then that this was a *car class* and several accomplished racers enjoyed competing in Production because of the slower speeds and tight racing the class provided.

To make a very long story short, the class died needlessly soon after this race because of the controversy that surrounded the class' eventual winner. As I remember it, he did build the car to the manufacturer's instructions as called for in the rules. However, to make the bushings more efficient, they were machined down so only a tiny portion touched the axle, thus causing less resistance. Pretty ingenious! This step was not in the manufacturer's rule book, and thus the controversy arose. The driver was eventually awarded the victory, but this discussion left a bad taste in everyone's mouth - except mine.

That was racing. It was a battle that was won on the track and in the pits. There should have been no controversy, and if that modification was to be disallowed it would have to be for next year's event. This, however is often the problem with our sport. We get upset when somebody out smarts us in the pits. Instead of applauding their effort, we want the racer D.Q.'ed because he pushed the limit of the rules. Although this message may be 12 years to late, I just want to say, "Lighten up!"

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

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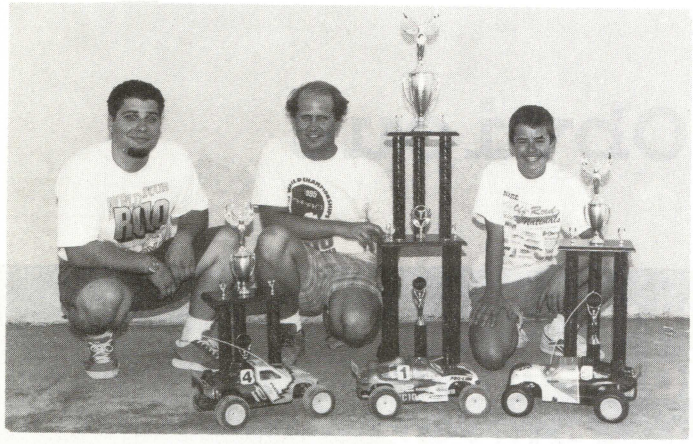
PIT BOARD

1995 NORRCA GAS TRUCK NATIONALS; RC10GT'S SWEEP NORRCA NATS

***Pomona, Calif*-**The Ranch Pit Shop hosted the 1995 NORRCA Gas Truck Nationals on their popular track. RC10GT's made a very strong showing, taking T.Q., 1st, 2nd, 3rd, 5th, 7th, 8th, and 9th.



Mark Pavidis (center) T.Q.'d and won the Gas Truck Nats by two laps, with Austin Dvorak (right) getting better and better with a 2nd place finish and Vince Stolo taking a close 3rd place. All three drivers used ProLine tires and OS Max engines.

SHANE KOCHER & MIGHTY MOTORS CONQUER THE CAM WORLD 600 ENDURO

MIGHTY MOTORS team driver Shane Kocher went to the Winner's Circle after winning the "World 600 Enduro" race at King Superspeedway in King, North Carolina. It was a first time enduro effort for both Kocher and motor builder Nick Themelis. Themelis wound the 13T Triple that went the entire 600 laps in one hour and seven minutes, maintaining the same lap speeds from beginning to end, despite track temperatures that exceeded 120 degrees.

Kocher was the number eight qualifier, but was in command of the race by lap 150. Kocher maintained the lead, even with twenty-plus pits stops for batteries. On the checkered flag lap, Kocher was three laps ahead of the second place car.

Performance like Kocher's is a tribute to the reliability of Mighty Motors.

PIT BOARD

Team Losi Double-X and Double-XT Unbeatable at the ROAR Stock Nats

TEAM LOSI'S INCREDIBLE Double-X and Double-XT once again proved to be unbeatable in the ROAR National Championship competition. At the Stock Nationals, held recently at Cooper's R/C in Virginia, both 2WD and Truck titles were taken by privateer racers using Double-X and Double-XT's.

In the 2WD Stock Class Craig Chin from Brooklyn, NY led the pack racing his Double-X to the top qualifying position. Carry Bennett, a 17 year old from Washington, raced his Double-X past the field to take the coveted National Championship. Fellow Double-X driver and TQ, Craig Chin followed to finish a close second.

The Stock Truck class was dominated by Carry Bennett and his awesome Double XT. Carry took the TQ position before powering his way ahead of the field to the victory. Second spot was also taken by a Double-XT driven by Todd Lewis, making the Stock Nats a 1-2 sweep for Team Losi.

The outstanding performance of the Double-X and Double-XT and the privateer drivers, is yet another indication as to why Team Losi is widely acknowledged as the leader in off-road racing. Team Losi wishes to congratulate Carry Bennett, Craig Chin, and the thousands of local racers around the country who have realized incredible success with Team Losi. Double-X and Double-XT, the 2WD buggy and Truck that are simply "Better by Design".

Blackstock Breaks Record at Velodrome:

Peak Performance/Team Orion dominated the Super Speedway Enduro at the NORRCA 1995 Super Oval Winterfest fielding a team that finished 8 laps ahead of the second place team.

Congratulations to the winning driver, Mike Blackstock, who, with the assistance of Rick Hohwart, Steve Chamberlain and Chris Cuthill in the pits, averaged over 55 miles per hour, including pit stops, for 200 continuous laps. Nothing short of the very best batteries and motor could accomplish this statistic, and the very best was provided by Team Orion Batteries and a Peak Performance Modified Motor at the Velodrome on the campus of California State University, Dominguez Hills.

Carry took the TQ position before powering his way ahead of the field to the victory.

PIT BOARD

News From Abroad!

The 1/10th Gas European Championships at Heemsteede in Holland saw Team Serpent take all of the A main positions on their home track. The win went to the flying Julius Kolff (a pilot for KLM) of Holland, with Britain's Gavin Reast taking second place again.

The 1/8th European Off-Road Championship held in Spoleto, Italy saw home driver, Samuele Lindsay take TQ with his Picco powered Crono. It was not his day in the A main as France's Phillipe Lachat took the win with his OPS powered Laro Rush. Next up were the Italian duo of Michele Baruzzi and Andrea Gennari both driving Nova-Rossi powered Crono's.

Round two of the British 1/10th Gas Championship saw Mark Boothman take the win with his Nova-Rossi powered Serpent and some excellent pit work, while Gavin Reast again came in second and now leads the championship.

Round six of the British 1/10th On-Road Championship saw David Spashett in awesome form with his Corally, as he smashed the Stafford track record by just over two laps to take TQ. Despite fluffing the start, David still came through to take the win by over a lap.

At the British Off-Road Grand Prix, Kevin Moore took home the 2WD title with his LRP powered Losi. Ellis Stafford and Richmond Rogers ensured an all-Losi podium with their Trinity powered versions. The Tenth Technologies Predator took a 1-2-3 in 4WD, with Kevin winning from William Mitchum (Corally powered) and Ellis. Kevin and William were both running the new International which features an Integral Molded Chassis.

The 6th 1/8th Gas World Championships will be held at The National Motor Museum, Beaulieu, Great Britain from August 11-18, 1996.

From The British Radio Car Association



Photo of David Spashett collecting his trophy. 10th Technologies will be releasing their DTM car in the near future. It will have a composite chassis, bushings (no bearings as they are trying to keep the price down), it takes Tamiya wheels and rubber. It is 185mm wide (7.25 inches) and will be available with either an Opel Calibra or a Alfa 155 body.

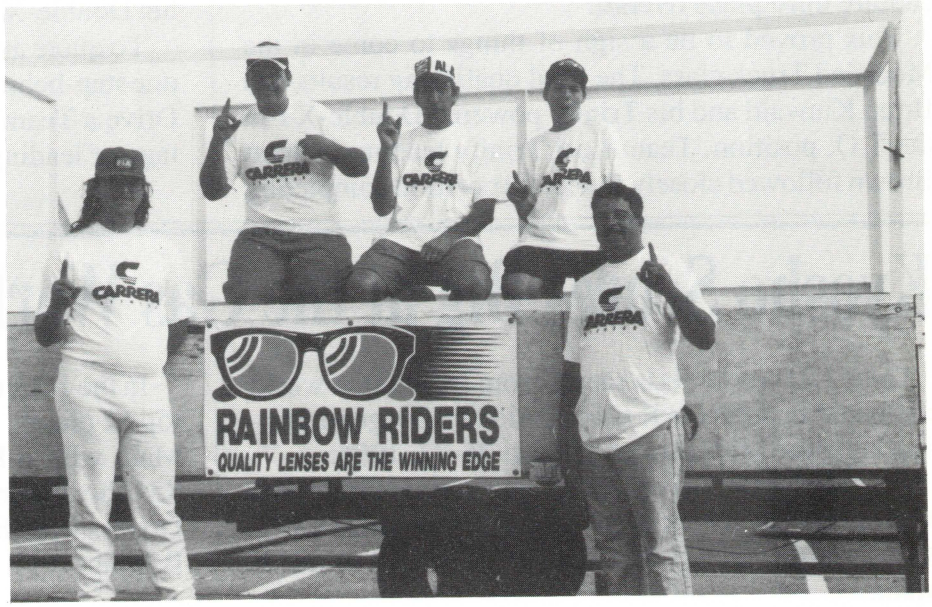
PIT BOARD

Florida State Series

The Florida State Series has been in existence for 15 years, going into our 16th year this 1996 season.

This March the Florida State Series will be holding one of its 8 race dates at the famous Daytona Speedway. This two day event is going on at a special car show with an estimated 30,000 plus people in attendance. Such a crowd would attract the most interested companies of our industry. For the first time Carrera Sunglass Corp. is showing interest in our sport. Spearheading this relationship is the Rainbow Riders Performance Eyewear racing team. Rainbow Riders introduced Carrera Sunglasses at the 1995 Nationals On-Road in Naples this past Summer. This was a great success for Carrera in demonstrating several types of lenses suitable for racing conditions. Together with the Porsche design by Carrera the Rainbow Riders lenses can be interchangable depending on light conditions, said Frances Brodsky, "This is a whole new area of market potential, our line going to the racer and demonstrating how these lenses work in our frame." Carrera also contributed their own expertise in their development of Ultra Pol and Ultra Sight polarization lenses, which were demonstrated at the Nationals this past Summer. Frances Brodsky, Territory Manager, showed interest in the Daytona GTP race this Spring of '96. "National exposure does not hurt."

CP



PIT BOARD

A SIMILAR STORY AT THE MODIFIED NATIONALS:

TEAM LOSI SHOOTS DOWN THE COMPETITION AT ROAR NATS

At the 1995 R.O.A.R. Modified Nationals hosted by SCORE in Savannah, GA, Team Losi Double-X buggies and Double-XT trucks once again proved to be the ones to beat. Despite an onslaught of pre-release buggies piloted by factory drivers from the competition, when the final qualifying results were posted for the 2WD class, there were 5 Double-X cars in the A Main. Brian Kinwald convincingly drove his Trinity powered Double-X past the competition and clinched the National Championship by winning the first two A Mains. With the 2WD Modified National title in hand, Brian watched Team Losi/Trinity teammate Greg Hodapp drive an impressive race in the third main event to capture third place overall.

This proved to be a sign of things to come in the Modified Truck class. The final qualifying results had Brian Kinwald and his Trinity powered Double-XT in the T.Q. position. Team Losi/Trinity teammate Scott Brown followed closely in second position completing a 1-2 front row sweep of the starting grid for the main event. Just as he had done in the 2WD class, Brian ran away with the Truck class as well, driving his Double-XT to victories in the first two A Mains. With two National titles under his belt, Brian got a chance to relax and watch the third main as Greg Hodapp went on to lock up the second spot overall. As in qualifying, Team Losi Double-XT trucks took the top two positions.

SCORE added an award for the overall champion to this year's National Championship. This trophy would be awarded to the driver with the best combined points total from two classes. Brian won convincingly after tallying a perfect score of four first place finishes with his Double-X buggy and Double-XT truck.

To quote an old proverb, "He who follows is always one step-behind". Stay a step ahead of the competition! Drive a Team Losi vehicle and experience the advantage of leading edge technology.

CP

Kyosho Scores Big at the Gas World Challenge Event

Over 150 world class racers from around the world competed in the ROAR Gas World Challenge in Sterling Heights, Michigan on August 26-27, 1995.

Kyosho Team Driver Tim Long top qualified and won the 1/8 Gas Truck event with a Kyosho Inferno ST. Kyosho also secured 5th, 6th and 7th place in the A Main.

In the 1/8 Buggy event, Kyosho captured 6 out of the top 12 places. Kris Moore top qualified and won the A Main with a Kyosho Inferno MP-5. The other three Kyosho drivers in the A Main placed 5th, 8th and 10th. Drivers with the Inferno MP-5 placed 1st and 2nd in the B Main.

CP

PIT BOARD

Blackstock Does It Again; He Shatters Indy Velodrome Record For Wood Racing

Mike Blackstock astounded everyone in July when he shattered the track record at the Indianapolis Velodrome going 19 laps in 4:03. Returning to Indy, September 8-10, for the Majors, everyone was still trying to figure out how to go 19 laps, when in the first qualifier, Mike ripped off a 20 lap run. He went 20 laps three more times before the weekend was out including the A Modified Main when he again broke his own record increasing the track record to 20 laps in 4:10. Mike, with his Wood Racing X-13, was the first and only driver to ever break the 20 lap barrier at a Velodrome! He also TQ'ed the Bikeyard 40 Enduro with his quick change version of the X-13, qualifying with the fastest time ever. After completely flying over the outside wall and later tearing the body right off the chassis, he still managed to finish an unbelieveable second.

Mike Blackstock was not the only one blistering track records with an X-13, however. In the Stock class, Mike Seeman TQ'ed, won the A-main, and set a new track record. Mark Aldrich and Bill Impson also did a fantastic job finishing 2nd and 3rd, making it a clean sweep for Wood cars. We would also like to congratulate Mark Aldrich for his 3rd place and Mike Seeman for his 4th place finish at the ROAR Oval Nationals at King Super Speedway.

And if that wasn't enough excitement for one weekend, Mike Ellis dominated the NasTruck class, TQ'ing and winning the A Main.

A total of 12 out of the 15 cars in the A Modified Main were Wood Racing X-13's. If you would like to join in on all this fun and excitement, ask for Wood Racing Products at your local hobby shop or call 517-662-4658 for product information.



Kyosho's Pro-XRT Team Off-Road Race Truck

By Jack Wright

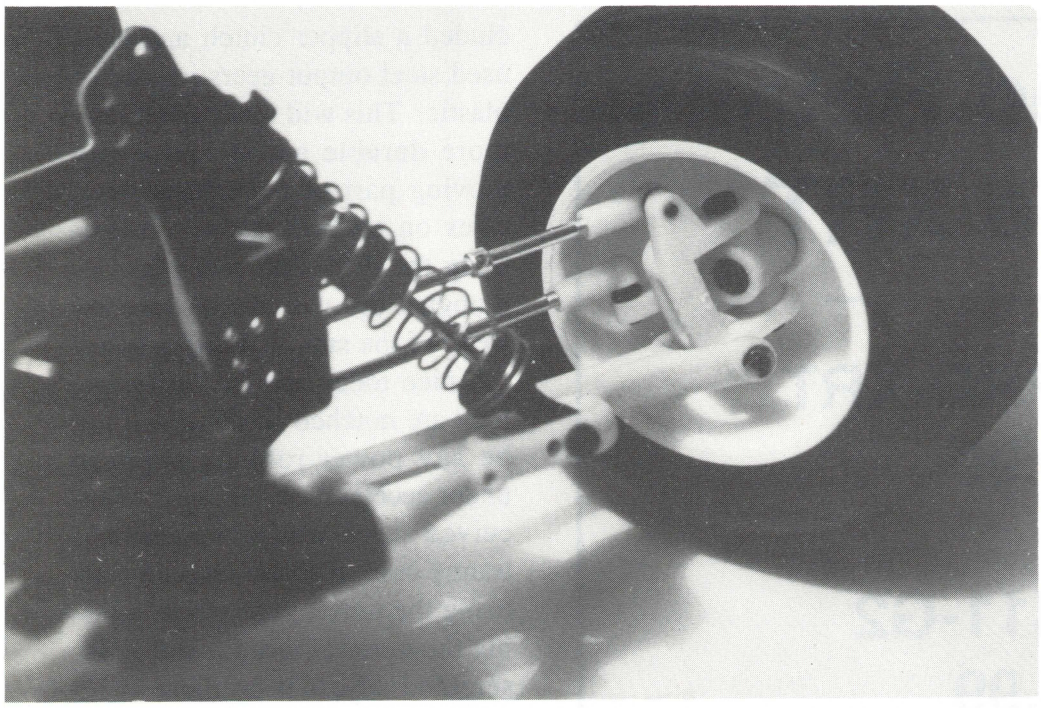


Kyosho is known the world over for creating some of the most well designed kits on the market, nearly every racer has at one time or another began with a Kyosho R/C car. Now Kyosho has introduced the Pro XRT, the XRT is a full blown off-road monster that is ready for any off-road adventure you choose to tackle. The Pro XRT features an advanced independent suspension with extra long A-arms, full ball bearings, slipper clutch, a low rotating mass transmission and a set of hard coated oil filled shocks to boot.

All of this is topped off with a trick body and a set of one piece wheels with dirt shields and a set of super soft ribbed and mini pin Kyosho tires. The XRT is offered in a Team and Sport version for the advanced and beginner racer, for this review I opted for the Team version. The Team version features the hard coated shocks, lightweight turnbuckles, ball bearings, and ball bearing steering bell cranks. Building the XRT is a simple proposition provided you follow the instruction manual to the letter and hats off to Kyosho for a well written manual that makes assembly easy.

OFF TO A SHOCKING START

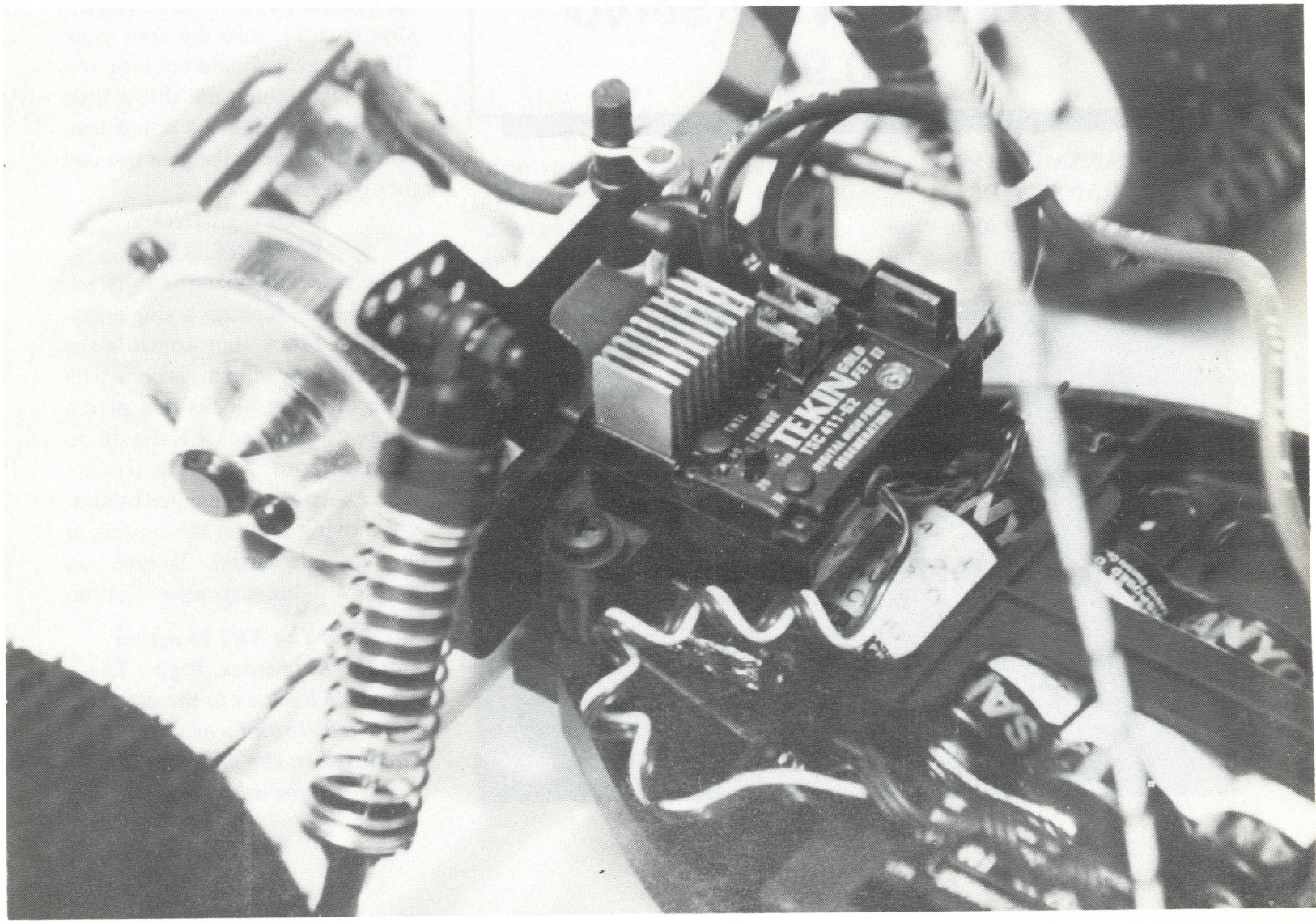
The XRT starts off with building the shocks, the hard coated shocks look great with the exception of the seals. Kyosho choose to use an antiquated method of installing the seals in the bottom of the shock body, they are held in place by those awful C-rings. On the plus side Kyosho does supply you with extra rings, a variety of shock pis-



The long front arms are ready to tackle the toughest of race tracks, that along with its lightning fast steering response make cornering a snap. Bottom: The ESC shelf is a nice feature as well as are the battery supports.

tons, shock oil and a trick set of rubber boots to protect the seals and shafts from dirt and debris. As for building the shocks I went with the recommended set up of using the #1 pistons, although I did replace the kit supplied shock oil with 30 wt. Associated silicone oil.

Once you have the shocks assembled be sure to look at the shock springs carefully, as the copper colored springs go on the front shocks and the golds are for the rear. At this point set aside the shocks and assemble all of the tirods for the XRT as shown in step three. Kyosho has supplied a full size scale to help with setting the rods to their proper length. At this time set all that aside and start on the transmission.



Suggested Retails For The XRT

Kyosho PRO-XRT
269.99

Tekin 411-G2
135.99

Airtronics 94152 Servo
110.99

TRANSMISSION TRANSITION

The XRT's SST tranny is reminiscent of the old Losi low rotating mass tranny that was introduced in the JRX, however Kyosho has made strides in its design. For starters they have included a slipper clutch and have used steel output gears instead of plastic. This will make the tranny more durable and nearly every moving part of the transmission rides on ball bearings. Assembling the diff is no real trick, although I did use Stealth lube instead of the supplied diff grease.

A nice touch are the diff rings, they are notched so there will not be any power robbing slippage under acceleration. In the kit I received there was a replacement tranny case. Kyosho recommends using the newer case when building the tranny. Once the diff is assembled adjust it so there is no slippage, to check the diff, finish the assembly of the tranny. Then by putting a small screwdriver into each of the outdrives and with the slipper tight, turn the spur gear. The spur gear should not turn, if it does, just tighten the diff a little at a time through the adjustment hole in the side of the gear box and then you're set.

A TOWERING EXPERIENCE

The rear suspension is fully adjustable and features a single suspension block that controls the amount of toe in. This is done with three different blocks that give a range of degrees of toe in to choose from. Also the truck's wheel base can be changed by simply moving around the spacers at the rear axle carrier. To give you the most stable suspension Kyosho



Left: The XRT in action at the King track. Right: The Kyosho XRT took to the air quite easily and was well behaved as the machine came in for a landing.

has the rear suspension shafts riding on nylon balls that are mounted in both the suspension block and rear bulkhead.

This looks a bit strange at first but once you have it assembled it works very well, With the shock tower and rear suspension assembled and mounted to the lightweight Kydex chassis it's time to move up front. The front suspension is quite simple in design, the only real trick here is to make sure you install the axles in to the steering blocks so it will angle downward. Also you will need to trim the blocks as shown in the manual, this is so the wheels will clear the blocks. With the front suspension completed, it's time to move on to assembling the bell crank steering and installing the steering servo.



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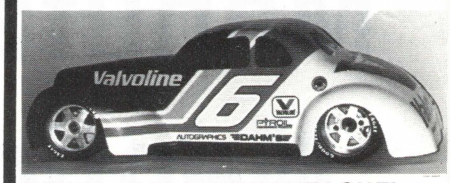

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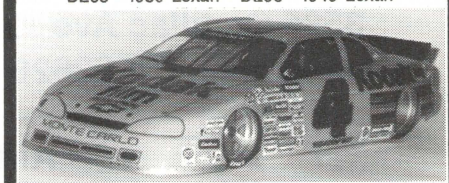

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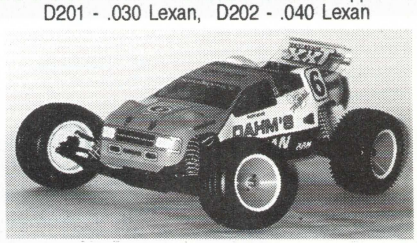

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Manufacturers Mentioned In This Article:

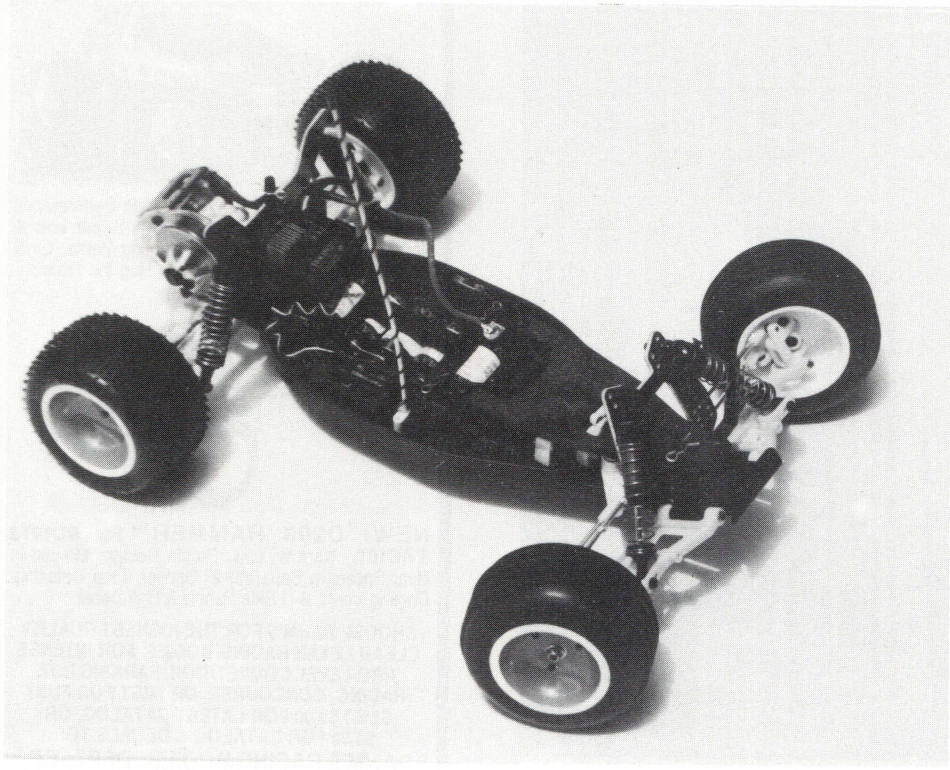
Kyosho
P. O. BOX 4021
Champaign, IL 61820

Kimbrough Products
1322 Bell Ave. Unit 1-C
Tustin, CA 92680

Associated Electrics
3585 Cadillac Ave
Costa Mesa, CA 92626

Tekin Electronics
970 Calle Negocio
San Clemente, CA 92672

Airtronics
11 Autry
Irvine, CA 92718



The XRT's completed chassis.

STEERING IN THE RIGHT DIRECTION

Kyosho has included a first class bell crank system for the XRT, however, I'm sorry I can't say the same for the servo saver. I recommend using one of Kimbrough Products Heavy Duty servo saver part #123, but you will need to put a small washer behind the servo ears so the saver will line up with the chassis support. For a steering servo I chose to use Airtronics 94152 Hi Torque Hi Speed servo, I have had this servo in use for many years and it is one tough servo.

With all of this completed, install them into the chassis as shown in step 22. Follow this up with the motor, battery holder and the front chassis brace. Now we're in the homestretch. Just mount the shocks as per the instructions and install the speed controller. I used Tekin's TSC 411-G12 ESC for the XRT, with its Hi Frequency operation and Torque control for slippery tracks, it's a sure fire winner in the XRT. Once everything is on board it's time to paint the body and mount the rubber to the wheels.

TO PAINT OR NOT TO PAINT

Choosing a paint scheme for an R/C truck is not normally a challenge for me. I try not to paint the body like the box. But all I could do was draw a blank, so to break with tradition I went with the box paint scheme with just a few mods to the color. Besides painting the body you also need to paint the wheels' dirt covers as well.

Now when mounting the tires

"I recommend using one of Kimbrough Products Heavy Duty servo saver part # 123, but you will need to put a small washer behind the servo ears so the saver will line up with the chassis support."

you will notice Kyosho does not supply you with foam inserts, as soft as these tires are you really need to use foam inserts. I found that the Associated medium inserts work very well, also you will need to CA the tires to the rims and put some small holes in the side wall of the tires so they will give underload.

HANGING IT OUT

As always I packed up the XRT and headed out to my favorite off-road track at King R/C in King, NC to put the XRT through its paces. I quickly discovered that the stock gearing of the XRT was more suited to 24 degree motors and larger tracks, as the truck was downright sluggish. But with just a few changes to the gear ratio, the XRT was hauling the mail. I found the stock suspension settings to be more than enough for the King course and the same can be said for the soft rubber on the XRT.

The XRT handled this track with ease, although even with lowering the gear ratio I still couldn't get the truck up to speed with the 36 degree motor. I feel a lower overall tranny ratio is in order for small tight tracks or stick with 24 degree motors. Even with the gearing problem I found the XRT to handle very well, the suspension soaked up the jumps. And the XRT was very stable over the jumps in the middle of the corners.

OVERVIEW

Overall the XRT is well worth its price and with a little time and a better selection of spur gears, I might have found the right combo to get this baby flyin'. But where it counts is in the handling of the truck and I have to admit the XRT quickly erased any doubt in my mind about Kyosho building a serious race truck. And with ease of assembly and clearly written instructions this truck is just the thing for both the beginner and hardcore racer to look into.

CP

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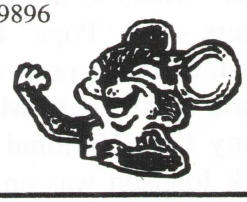
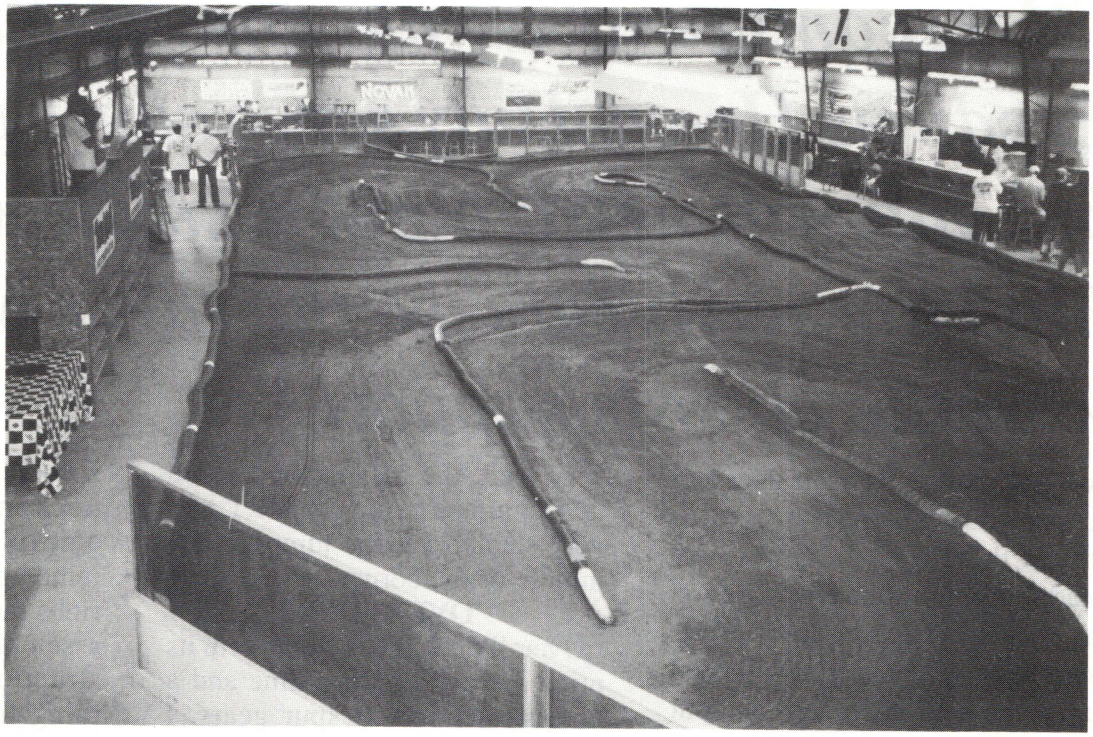


THE 1995 ROAR OFF-ROAD STOCK NATIONALS

Story & Photos By
MATT & MATTHEW WOJTKOWIAK



The unique high traction Cooper's Race Center indoor off-road facility located in Virginia.

Stock class off-road racers made their way to beautiful Southern Virginia to participate in the 1995 edition of the ROAR Off-Road Stock Nationals. Cooper's R/C Race Center was the chosen site. I can hear you saying, "I thought Cooper's was famous for dirt oval racing"? Well it is . . . . and it isn't. Not anymore, anyway!! Norris Cooper made one serious commitment a year ago to create one of the finest indoor off-road facilities going, he didn't let anyone down. That decision came at the cost of doing away with the famous dirt oval track.

Traditional weather in Summertime Virginia is hot, that fact is not really newsworthy, but add to that, the fact that the East Coast was in the midst of the worst heat wave in recent times . . . . well you can imagine. The fact of the matter was that the inside temperatures were less than the outside. Racers didn't even want to think what racing outside would have been like.

The track was huge, for being inside. Lap counts would be held to eleven. Fast or slow, eleven was the number. More on that later.

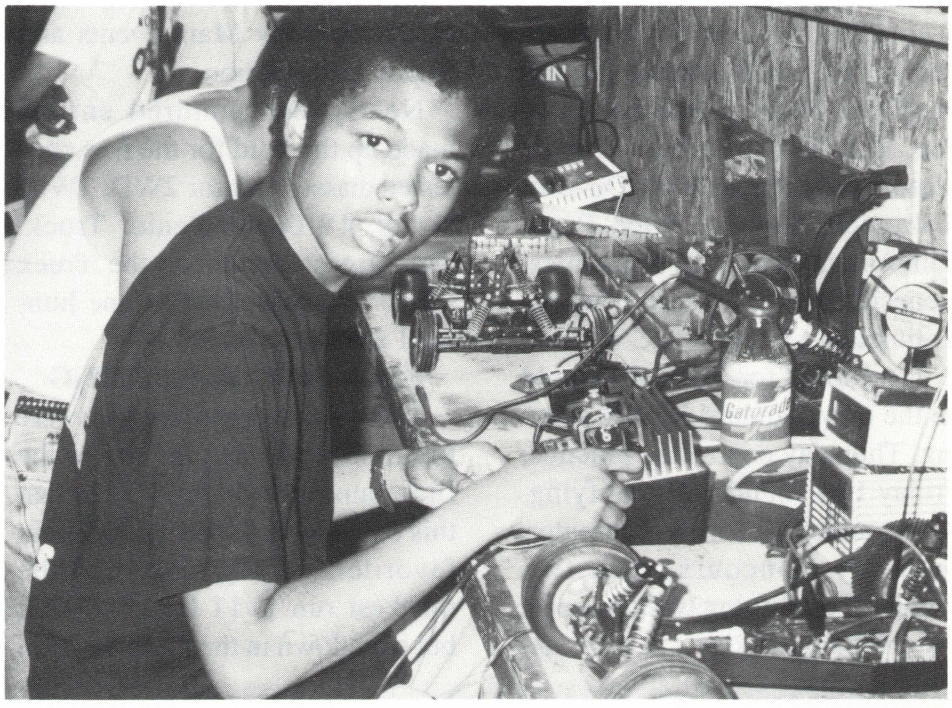
I would be remiss if I didn't mention the event sponsors. The Major Event Sponsor was Team Losi. Much to the delight of the racers - Gil "Pops" Losi was on hand, both as a racer and sponsor. Team Losi Team Manager and many time National Champion, Jack Johnson was on hand to as-

sist any racer running a Losi vehicle.

Major Associate Sponsorship was provided by Team Associated. For all the racers using Associated equipment, Team Driver Mark Pavidis was on hand to offer assistance. Without a doubt, the racers in attendance were extremely pleased to have this type of team help.

Bob Novak, Novak Electronics, made the trip East to also offer racer assistance and to race in the Senior Truck Class.

Associate Sponsorship was provided by RPM, Traxxas, PTI, Co-



Top: The 2WD Class TQ hard at work, Craig Chin.

Group photos of all the "A" main finalists and concours winners.



bra, The Racer's Choice, Tecnacraft, BRP, Model Racing Products, Dahm's Bodies, Paragon, B & T R/C Products, Wolfe Motorsports, Parma/PSE, Du-Bro, Robinson Racing, Race Prep, Kimbrough Products, Airtronics, Genesis, Dremel, Tekin, Futaba, Bolink and Cooper's R/C Tires.

The format for the event would be the now standard ROAR offering. Thursday controlled practice, Friday two rounds of qualifying, heats randomly set by computer, Saturday Concours, then two rounds of qualifying with the heats reshuffled by Friday's results and finally, Sunday Main events and trophy presentation.

Nearly two hundred entries made up the field for the five contested classes: Junior 2WD, 2WD, Truck, 4WD and Senior Truck. The largest class was the Truck Class with just short of one hundred entries.

FIRST DAY QUALIFYING

Two wheel drive buggies were the first to see action. After the first round it was clear to see that this event would have no clear cut favorites. Craig Chin had the quickest run at 11 laps, 4:05.65, but way down in the 42nd position of the near seventy car field, clearly within striking distance, was John Feeny with a respectable second. IFMAR starts helped to make the racing close. By the end of the first day of qualifying, Craig Chin remained at the top with his first run time still the best of the day, while Vincent Nocella was on the "bump" spot, tenth, with 11 laps, 4:12.78.

In the Junior Buggy Class, fifteen years old and younger, Charles

Concours winners (left to right) 1st - Todd Lewis, 2nd - Tony Bjerke and 3rd - Matt Wojtkowiak.





Team Associated's Mark Pavidis was on hand to lend assistance to all that needed help.

Berg was leading the way after both rounds with 11 laps, 4:16.87. Eric Willardson and Phillip Harman were 2-3 also with 11 laps. Scotty Johnson was on the "bump" with 9 laps, 4:10.28.

There was some serious action in Stock Truck. The largest class found Rhett McNair standing atop the leader board with a great 11 laps, 4:09,19. Serious bids for the "A" Main came from as far down as 44th position held by Larry Nicholas, 11 laps, 4:27.81.

Senior Trucks were next to get their shot at the track. Kirk Brawley and Bob Novak seemed to have had the track "dialed". Both Kirk and Bob recorded the only 11 lap scores for the day with Brawley slightly quicker with 11 laps, 4:22.42 and Novak, 11 laps, 4:23.73. Harry Cramer was close with 10, 4:01.83. Darrell Anthony was on the "bump" with 10, 4:14.60. It was great fun to see event sponsor, Gil Losi, waging battle to get to the top of the field. Gil had an ace in his pocket with chassis man Jack Johnson assisting. Gil found himself in fifth spot at the end of day one.

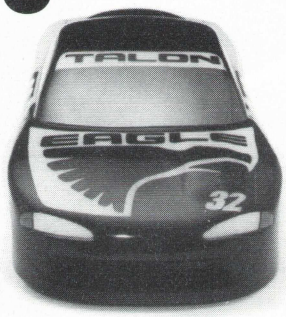
The sparsely contested 4WD Class, only four entries, was up last. Even though the field was light, the action was hot. Billy Spence was at the top with 11 laps, 4:14.74 while Spencer Wu was fourth with 10, 4:09.07.

SECOND DAY QUALIFYING

After the reshuffle, the heats arranged by qualifying order from the first day, things got just a little

Go Faster...





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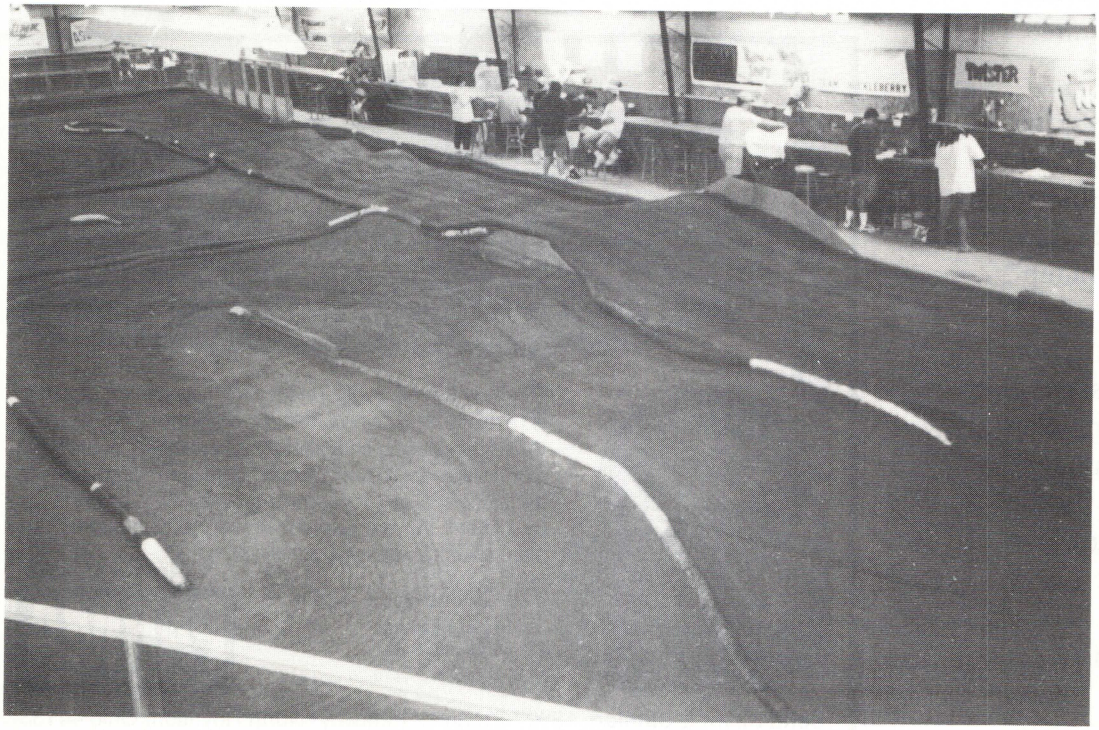
With years of experience in dirt oval racing and hard packed clay, Norris Cooper worked his magic, concocting the secret "brew" of red Virginia clay, sand and sawdust, yes . . . . sawdust, to make an off-road racing surface that remained consistent throughout the event. Norris told me that he worked long and hard to get the "BREW" just right!! Round after round, the track held up with little or no watering. Without a doubt, Cooper's facility will stack up as ONE OF THE BEST off-road tracks in the country.

tougher. The field started to look like a preview of the mains. Craig Chin managed to hold onto the TQ position fending off the hard charge of Cary Bennett. Rhett McNair, Dave Bonfoey, Alex Lazarevich, Brian Bohlman, Welby Nalls, III, Vincent Nocella and Jim Stoudt, Jr. completed the field of 2WD finalists.

Not much changed in the Junior Buggy class. Charles Berg held onto the TQ spot, while Willardson and Harman remained 2-3. Kraig Krueger, Josh Barton, Joe Butler, Scotty Johnson and Paul Lequeux, Jr. rounded out the field.

When all the dust settled, Cary Bennett was the "King of Cooper's Hill", capturing the TQ position. Very close behind, in the second slot, was Rhett McNair, followed by Welby Nalls, III, Brian Bohlman, Todd Lewis, Charles Berg, Eric Pesto, Nick Smith, Ali Arasta and Michael Thomas.

Those Senior Truck Class racers showed that they too, could put on a good show. Bob Novak had the muscle to put himself into the TQ position, while Harry Cramer gave a good account of himself, ending in the second position, pushing first day TQ Kirk Brawley to third. Gil Losi moved up a position, to end qualifying in fourth. Jimmy Mills, Jerry Lemons, Gordon Willardson, Joe Brown, Jim Cooper and Darrell Anthony com-



The Cooper's track was very wide and there was ample room to pass.

pleted the field.

Last, but not least, the 4WD class. Not much changed here, Billy Spence was still at the top. James Radford was second while Matt Williams and Spencer Wu completed the field.

SATURDAY MORNING CONCOURS/BEST PAINT CONTEST

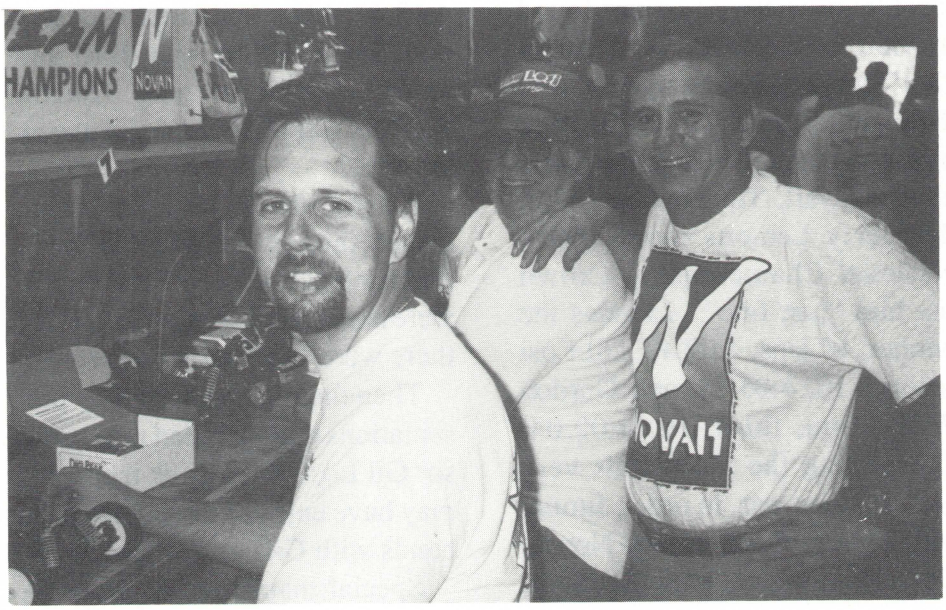
A large field of cars and trucks were assembled for this traditional Nationals contest. A stellar group of judges, Jim Stoudt, Jr., owner of Pit Stop Hobbies, Jeff Hyatt, owner of Wagon Hill Hobbies and Gordon Willardson, owner of H.R.P. Distributors, were hard at the task of picking the top three vehicles. After much discussion, the decision was made. Todd Lewis was first, with his Losi XXT. Todd was quick to give accolades to the painter, Dan Anderson. Second place, Tony Bjerke with a RC10 Worlds car and third place to Matt Wojtkowiak, Jr. with a RC10T2. As is the norm, all the vehicles were run during the event.

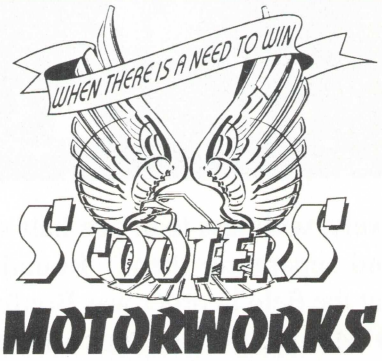
FINALS

Sunday morning, finals day. The track was groomed to perfection, the racers waited in eager anticipation to attack the AWESOME Cooper's R/C track. The lower mains were run first, saving all the "A" Mains for the finale. (see full results listing).

The 2WD Buggy "A" was first up to decide a National Championship. The overwhelming favorite had to be Craig Chin. He had the track figured out from the very first qualifying round. At the buzzer, Chin was off like a shot . . . . well in control. Bennett was hot in pursuit. Lap after lap they went at it . . . . until Chin had a rare miscue. In local terms, Chin "tubed" it, that is he stuffed his car into one of the turn tubes and that left the door wide open for Bennett to go to the lead. All the while McNair, Bohlman and Stoudt were in a heated battle for third spot. Keep in mind that they moved up from the seventh and tenth spots to make a serious bid for the lead positions. By mid point the two leaders, Bennett and Chin were well out in front. Chin tried desperately to make a comeback, but fell just short. Bennett drove home victor with 11 laps, 4:07.63. Chin was second with 11, 4:09.44. Rhett McNair held on to finish third with 11, 4:13.09. Bohlman and Stoudt finished 4-5, respec-

Others attending the event to lend a helping hand were (left to right) Losi's Jack Johnson, Gil Losi and Bob Novak.





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The 2WD Class finalists.

tively, with less than one half second separating them. Rounding out the field in order was Bonfoey, O'Meara, Nalls, Nocella and Lazarevich.

Stock Truck took the track next, Cary Bennett, obviously still on a high from his 2WD win, made it look easy in the Truck class. At the buzzer, Bennett was gone . . . . I mean gone! Unless he had an equipment failure, the race was his. That made it a race for second position. Todd Lewis made his presence known, when he made a charge from his fifth starting position. McNair tried to fend off Lewis. Meanwhile Michael Thomas made the biggest move of the class, working his way from tenth to pose a challenge for the top. At the buzzer, it was all Bennett, winning it wire to wire with 11 laps, 4:11.66. Todd Lewis second, 11, 4:16.55, with Rhett McNair third, 11, 4:19.93. Completing the finishing list, in order, Thomas, Bohlman, Nalls, Berg, Pesto, Smith and Arasta. There was jubilation in the Bennett camp, a "DOUBLE" National Championship. What more could you ask for??

The Seniors took the grid next. This race proved to be full of surprises. Of all the mains run, only once did the TQ get into trouble at the start . . . enter Bob Novak. Bob was a whisker late at the "go" buzzer and was tagged by a lower qualified vehicle, parking him against the wall. The whole incident really mixed up the running order. When things got sorted out, local favorite Jerry Lemons found himself in the lead, Gil Losi in "hot" pursuit. Novak and most of the other top cars were in the back trying to make it back to the front, all to no avail. Time ran out. With that Jerry Lemons found that a National Championship Crown fits him "just fine". Lemons the winner, 10 laps, 4:02.42, Gil Losi second, 10, 4:05.25, and Gordon Willardson, third, 10, 4:09.04. Completing the list of this very eventful race was, in order, Jimmy Mills, Harry Cramer, Bob Novak, Darrell Anthony, Kirk Brawley, Joe Brown and Jim Cooper.

Junior Buggy up next. Another good start at the buzzer. TQ Berg looked like the man to beat. I think that last year's Junior winner had fire in his eyes, he wasn't going to make it easy for Berg. Willardson and Harman put the heat on, Harman taking the lead. Willardson was second. Both drivers started to pull away from the rest of the pack. At the final buzzer, it was Phillip Harman taking the win, 11 laps, 4:21.59. Eric Willardson second, 11, 4:24.58 and Charles Berg was third, 10, 4:00.50. (Young Harman gets the nod for being a Junior Class repeat winner, Phillip won last year's event in Utah. By the looks of it, he'll be running with the big boys next year!!). Kraig Krueger was fourth. Josh Barton, Joe Butler, Paul Lequeuex and Scotty Johnson completed the finishers, in order listed.

The last race of the event was the 4WD class. Billy Spence made it a "one man show" going wire to wire for the win with 11 laps, 4:13.42. Matt Williams was second, Spencer Wu was third and James Radford was fourth. Radford fell victim to breakage on lap four.

After all the "A" Main cars were teched, motors torn down and verified for legality, the official results were announced. I should note that there were "no" infractions found.

Then the fun began, trophy presentations that included race sponsor Gil Losi, Sr. I think the racers may have enjoyed having to shake hands with Gil.

Special thanks are in order for

Norris and Pat Cooper for hosting the eventand to all that helped, the list is too long to mention. Extra special thanks to Team Losi, Gil Losi, Sr., Bob Novak, Mark Pavidis and Jack Johnson.

2WD STOCK BUGGY
A Main
1st - Cary Bennett/Losi XX
2nd - Craig Chin/Losi XX
3rd -Rhett McNair/Assoc.RC10
4th -Brian Bohlman/RC10 World
5th -James Stoudt, Jr./Losi XX
6th -Dave Bonfoey/Losi XX
7th - Paige O'Meara/Losi XX
8th - Welby Nalls, III/Losi XX
9th - Vincent Nocella/Losi XX
10th - Lazarevich/Losi XX
B Main
1st - Shane Weisner
2nd - Todd C. Lewis
3rd - Donney Lia
4th - Patrich Hitt
5th - Ferris Booth, Jr.
6th - Tommy Rodgers
7th - Tony Crowell
8th - Ali Arasta
9th - Chadd M. Brockman
10th - Harry Johnson
C Main
1st - Jeff Hyatt
2nd - Matt Woktkowiak
3rd - Robert Moore
4th - Dave McEwen
5th - James Radford
6th - Bob Vanwagner
7th - James Meredith
8th - Jeff Hunt
9th - Mike Kendrick
10th - Corey Cottle/DNS
D Main
1st - Michael J. Thomas
2nd - Homer Allman
3rd - Billy Spence
4th - Kris Werkley
5th - Phillip Martin
6th - Larry Nicholas
7th - Tony Bierke
8th - Bob Novak
9th - Charlie Higgins/DNS
10th - Robert Green/DNS
E Main
1st - Jeff Higgins
2nd - Scott Johns
3rd - Matt Williams
4th - Tony Blackburn
5th - Paul Dalton
6th - Harry E. Cramer
7th - Eugene P. Lamont
8th - Paul Lequeux
9th - Joey Edwards
10th - Jimmy Vanderhaar/DNS
F Main
1st - Al Jones
2nd - Rob Caruso
3rd - Eric Strickland
4th - John Feeney
5th - Bob Steelman
6th - Crystal Drowell
7th - Robert Gleason
8th - Tim Peterson
9th - Curtis Woodyard
10th - Victer Wu/DNS
G Main
1st - Spence Wu
2nd - Joe Brown
3rd - Bruce Campsell
4th - Susan Blackburn
5th - Robert Fallows
6th - Gorden Willardson/DNS
7th - Graydon Gleason/DNS
JUNIOR 2WD BUGGY
A Main
1st - Phillip Harman/RC10 World
2nd - Eric Willardson/Losi XX
3rd - Charles Berg/RC10 World
4th -Kraig Krueger/RC10 World
5th -Josh Barton/RC10 World
6th -Joe Butler/RC10 World
7th -Paul Lequeux, Jr./Losi XX
8th -Scotty Johnson/Losi XX
STOCK TRUCK
A Main
1st - Cary Bennett/Losi XXT
2nd - Todd Lewis/Losi XXT
3rd - Rhett McNair/Assoc T2
4th - Michael J. Thomas/Losi XXT
5th - Brian Bohlman/Assoc T2
6th - Welby Nalls, III/Losi XXT
7th - Charles Berg/Assoc T2
8th - Eric Pesto/Assoc T2
9th - Nick Smith/Assoc T2
10th - Ali Arasta/Assoc T2\B Main
1st - Matt Wojtkowiak
2nd - Paige O'Meara
3rd - Matt Gorrell
4th - Steve Davis
5th - Mike Kendrick
6th - Dave McEwen
7th - John Feeney
8th - Eric Willardson
9th - Jeff Hyatt
10th - Curtis Wright
C Main
1st - Tommy Rodgers
2nd - Tony Crowell
3rd - Patrich Hitt
4th - Kraig Krueger
5th - Alvin Guy, III
6th - Bob Vanwagner
7th - Jeff Hunt
8th - Danny Jenkins
9th - Daniel P. Anderson
10th - James Radford
D Main
1st - Phillip Harman
2nd - Patchrick Ford
3rd - Tommy Ferguson
4th - Harry Johnson
5th - Chadd M. Brockman
6th - Larry Nicholas
7th - Rob Caruso
8th - Jeff Crowell
9th - Robert Moore/DNS
10th - Al Jones/DNS
E Main
1st - Tony Bierke
2nd - Jerry West
3rd - Daie Chronister
4th - Harry E. Cramer
5th - Joey Edwaders
6th - Corey Cottle
7th - Jim Chase
8th - Jamie Farmer
9th - Byron Robertson
10th - Charlie Higgins/DNS
F Main
1st - Joe Brown
2nd - Jeff Higgins
3rd - Kristy Cooper
4th - Tony Blackburn
5th - Scott McWhirt
6th - Paul Lequeux
7th - Kirk A. Brawley
8th - Alan Duffy
9th - Darin McKinny
10th - Al D. Harville
G Main
1st - Hormer Allman
2nd - Timothy Wade Maxey
3rd - Phillip W. Moore
4th - Chris Campbell
5th - Paul Dalton
6th - Michael Booth
7th - Timmy Ferguson
8th - Chris Fisher
9th - Spencer Wu
10th - Kevin Gande
H Main
1st - Michael T. Freed
2nd - Jimmy Vanderhaan
3rd - Phillip Elisio
4th - Daniel Williams
5th - Jason Hancock
6th - Adam Stowe
7th - Robert W. Miller
8th - Missy Fisher
9th - Toney Ellis
10th - Amber D. Freed
I Main
1st - Keith Forrest
2nd - Brad Carey
3rd - Jeff Carroll
4th - Timothy Rigney
5th - Kris Hare
6th - Russell Johnson/DNS
7th - Crystal Crowell/DNS
8th - Kevin White/DNS
SENIOR TRUCK
1st - Jerry Lemons/Traxxas
2nd -Gil Losi, Sr./Losi XXT
3rd -Gordon Willardson/Losi XXT
4th - Jimmy Mills/Losi
5th -Harry E. Cramer/Losi XXT
6th -Bob Novak/Losi XXT
7th -Darrell Anthony/Assoc T2
8th -Kirk A. Brawley/Losi XXT
9th - Joe Brown/Losi XXT
10th - Tim Cooper/Losi XXT
B Main
1st - John R. Crook
2nd - Gary Bennett
3rd - Bob Fallows
4th - Susan Blakcburn
5th - Bill Haycook/DNS
4WD BUGGY
A Main
1st -Billy Spence/Yok YZ10
2nd -Matt Williams/Yok YZ10
3rd -Spencer Wu/Schumacher
4th -James Radford/Schumacher

CP



Top: These are examples of shading with an airbrush, as you can see the lines of the body stand out. Bottom: Working body openings really bring a scale model to life.

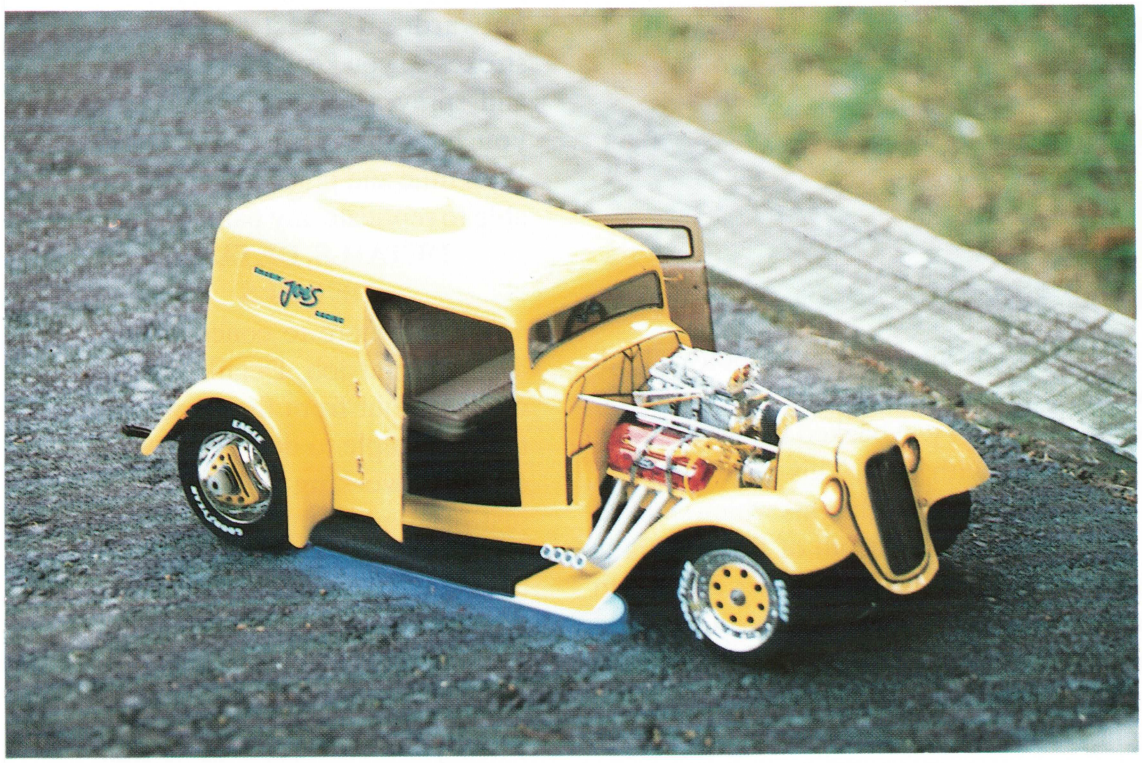
By Jack Wright

The Art of Paint & Concours

Part II



IN PART ONE WE discussed the art of prepping and painting bodies with spray cans. In this installment I plan to cover airbrushing, working door and hood openings, light systems and other concours winning details. Now I don't claim to be an expert on what it takes to win a concours event and many so-called hardcore racers think this stuff is down right silly. But I have gone to many National events where the concours competition is more widely watched than the A main. Why, you might ask? Spectators and racers alike love to see ingenuity, in both paint and detail.



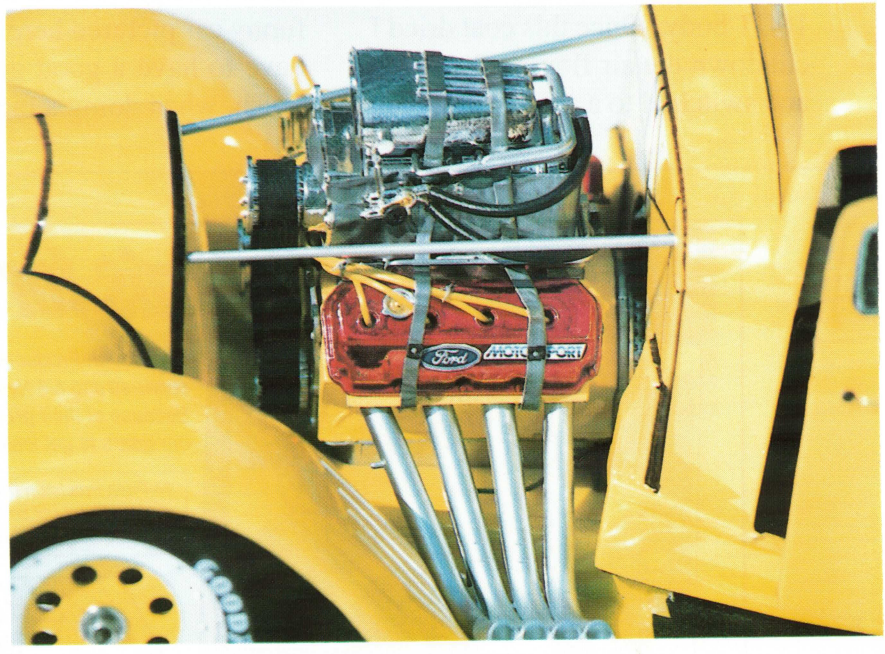
Now I have won with simple one color paint schemes that could have been done with a paint can but I put such detail in the car that it made it a winner. Here I hope to show you some of the simple details for those of you who are interested in building the best in the class, and for you hardcore racers who hate concours, go peak your batteries or something.

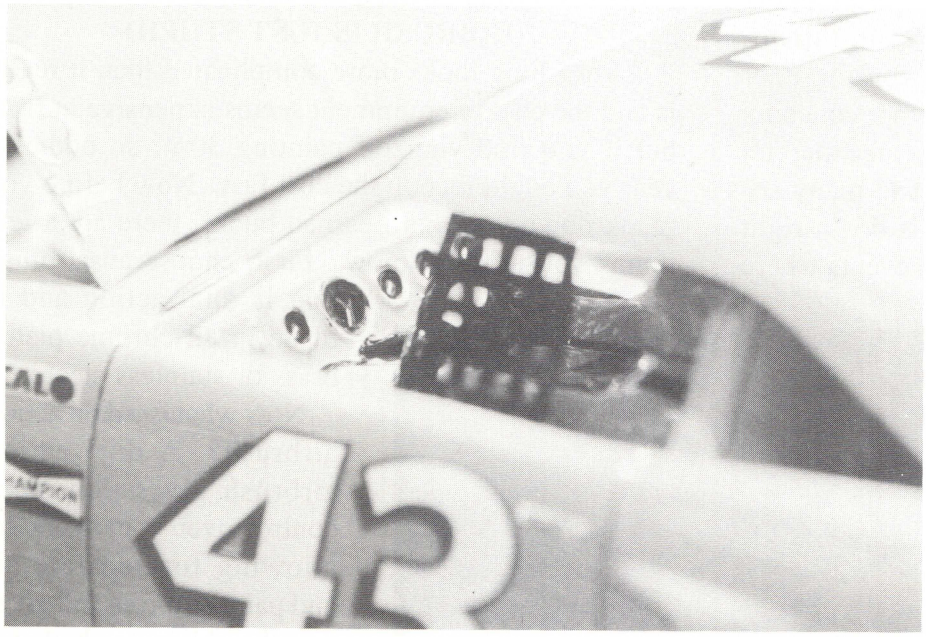
A detailed look at what a concours winner should be. Note the attention to detail, especially visible in the blown up shot.

TO ERR IS HUMAN, BUYING THE WRONG AIRBRUSH IS JUST STUPID

Airbrushing looks more complicated than it really is and the cost of equipment seems expensive at first, but if you find yourself painting 30 or so bodies a year you could recoup the cost fast. Now before you plunk down your hard earned bucks, there are a few things you need to know. First, choose an airbrush that is dual action and is made in all chrome plated brass or stainless steel.

Now what is a dual action airbrush? A dual action airbrush gives you more control over your work by allowing for separate air and paint controls and gives you the ability to shade for depth of field. When using an airbrush you also cut the cost of painting, since bottled paint is cheaper than cans. And by thinning the paint 50% with lacquer thinner, you double the amount of paint you can use. Also don't toss the empty paint bottles away as





Details like window netting and an instrumented dash can bring a car to life.

you can clean them out and use them again. Pactra paint jars will fit the pick up cap that comes with your airbrush.

TO SHADE OR NOT TO SHADE

It's amazing how you can take a simple one color paint job and make it really stand out with shading, for example I took my Paasche VL airbrush and sprayed a light coat of Metallic Burgundy on my 10GT body. Once this coat dried I cut down the air flow to the brush and switched to a smaller tip, then went over all of the body's high points with a thin line of black. Then I just backed the whole thing up with gold. This gave the body darkened highlights which showed the body's depth of field. This is a simple exercise that is hard to mess up, once you have had a little practice you can attempt fade in's.

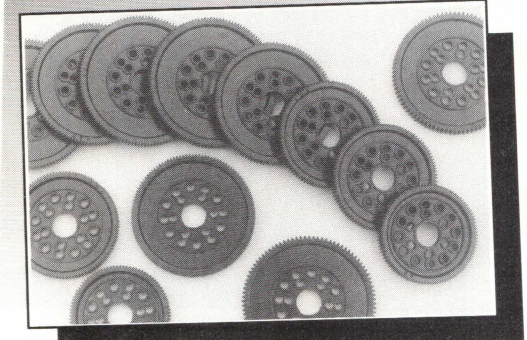
Fade in's are where you have one color fading into another. A good example is the Smokin' Joe's funny car pictured here. Here you have to have a good grasp of the brush, when doing a fade in paint, the darkest colors go first. Then using the smallest tip possible with your air set around 15-20 psi, start your fade right at the first color you applied and gradually move outward. It's best to use even strokes so you keep the shade even and spray a little at a time until you have the results you want. With time and practice you will be able to replicate any paint scheme.

DETAILS, DETAILS DETAILS

There's more to concours than a great paint job. Details make a car stand out from the crowd and they're simple to do. My favorite detail is working lights and not just headlights, things like working brake lights, turn signals, etc.

Many of the light details can be bought from Ram or Radio Shack. Things like headlights and turn signals are pretty simple to rig. But when you home brew some light systems, it takes a little time and ingenuity. For example, Neon lighting sounds impossible for an R/C car but with a little thought it

Industry Standards for over a Decade...



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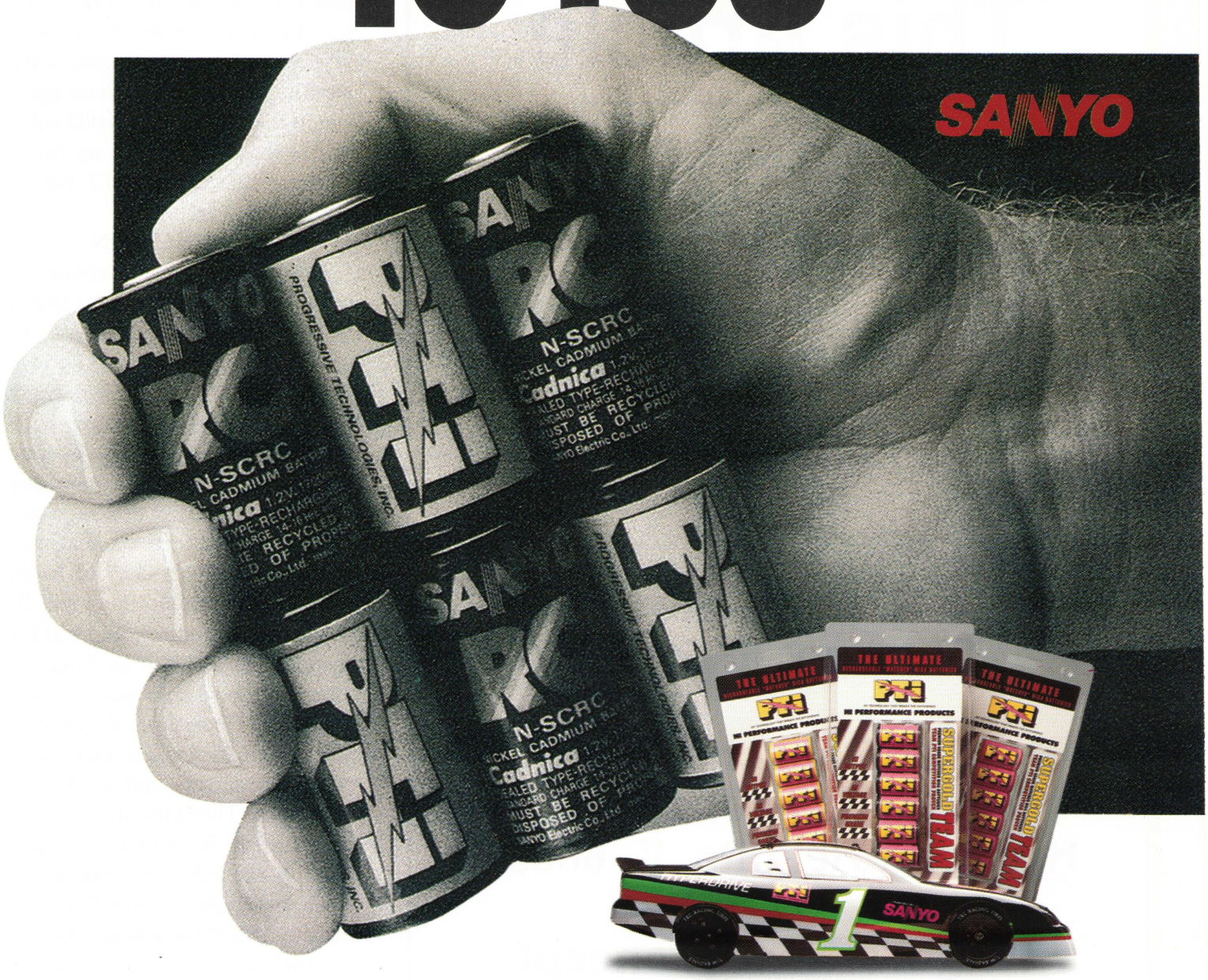

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Paasche
7440 W Lawrence Ave.
Harwood Heights, IL 60656

Wright's Neon Concept
4830 Shattalon Dr.
W-S, NC 27106

became possible.

An example, my '32 Ford sedan that was built for the '94 IEDA Worlds. This car featured not only working lights and a fully detailed Hemi engine, but it also had a undercar Neon kit. Now I'm talking real gas tube Neon, not just some colored light bulbs stuck under the car. WARNING: Neon transformers operate at very high voltage so be very careful when working with Neon! Neon operates at a voltage of over 1000 volts, this is due to the step up transformers that convert 12 vdc to 1000 vac.

NEON ACTION

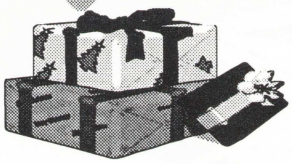
Now you're probably wondering where in the devil do you find a Neon system small enough to fit in an R/C car, and how do I power it. Well thanks to the Mini Truck crowd Neon systems have been designed to be small and operate on 12 volts and there's a company called KOOL GLO that sells micro sized transformers that will power up to 12 inches of Neon tube. These transformers will fit easily under the body and sell for around $30 and can be found at most high end auto parts stores. As for the Neon tubes themselves that's a bit tricky, you can check with sign makers that work with 8mm tube. That's the size you will need to use, if you have no luck finding the tube you can get it through Wright's Neon Concepts for around $75 for a three tube set-up (their address is at the end of this article).

Now to power the Neon you will need a 12 volt source on board the car, I use 10 AA Ni Cad's wired in series. This gives me 12 volts and

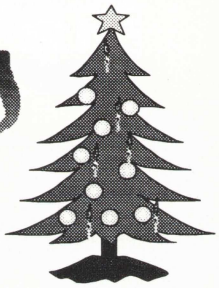


1995 Toys For Tots









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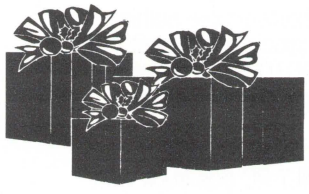
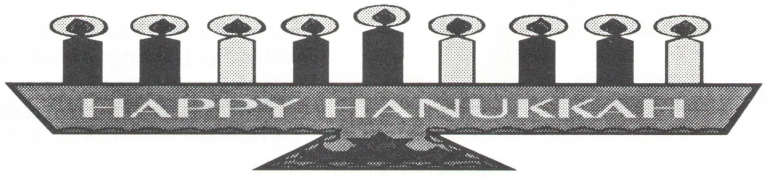
DECEMBER 16TH









Entry Fees: 1 unwrapped toy worth $10.00 or more per class entered. All toys will be donated to the Toys For Tots Christmas Fund.

Schedule: Pre-Entries not required. Doors will open at 7:00am, racing starts at 10am. 2 qualifiers and the mains will be run on Saturday. Entries limited to 1st 200. Track is indoor. We race rain or shine. Fully Stocked Hobby Shop. Restaurants 5 minutes away. Track is located off the 91 FWY at Maple in the city of Corona. Get off the 91 FWY. on Maple and go North 2 blocks. Turn right on Capitol 1 bolck to Vander to 137 N. 909-272-3545. Parking in back. Awards 1-3 in all mains will be Race Bucks. NORRCA rules apply. NORRCA membership required and available at track.

Come donate to a good cause.

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FREQUENCIES 1._____ 2._____ 3._____ FREQUENCIES 1._____ 2._____ 3._____



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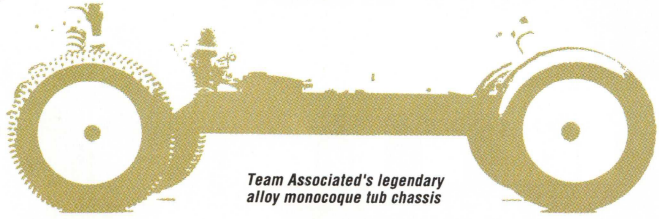

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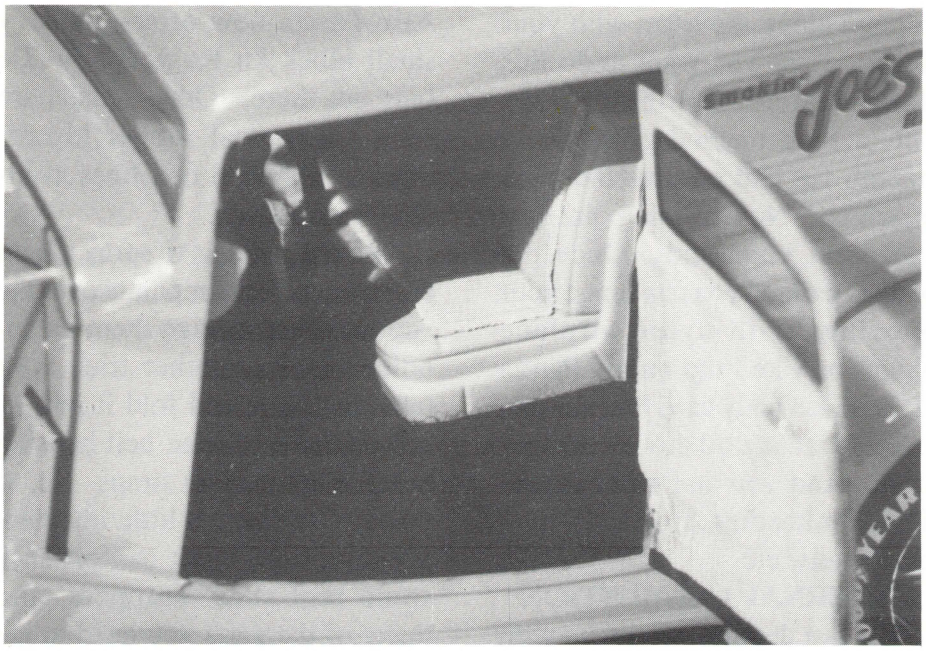
RC10GT

Associated Electrics 3585 Cadillac Avenue, Costa Mesa, CA 92626



Interiors should not be overlooked. This car even went so far as to include real upholstery in the door panels and seats.

will run the Neon for about 1 hour. As for mounting the tubes and wiring that's up to you, since every car is going to have a different layout be sure to have enough ground clearance so the tubes don't drag on the ground. Now you can amaze the judges with this trick, along with everything else.

OPEN SEZ ME!

The last real eye catching detail is working hood and door openings, the only real trick is cutting the lexan as not to deform its shape. For window openings, like the ones used on my Superbird, start out with a new X-acto blade and carefully trace the mold lines around the window. You will need to do this several times to get a clean cut in the body. Next drill a small hole in the center of the window big enough to start with a pair of lexan cutters. Now with your cutters cut across to each of the

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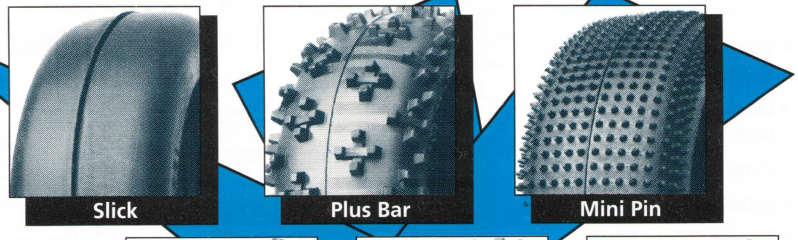



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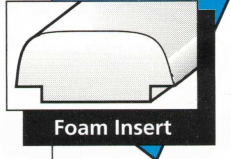

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corners of the window, then just bend back the lexan and the unwanted part of the window will just pop out. Now you can also cut just a portion of the lexan to create the look of a partially rolled down window.

As for openings like hoods, doors and trunk lids I still use the same tracing procedure that I used in the window cut outs. But instead of cutting up the lexan, we want to remove the hood and keep it intact. After you have traced the hood with the X-acto, take a small flat screwdriver and start in a corner by pressing down. Keep the edge of the screwdriver over the seam in the body and this will start the cut. Once it begins, continue to press along the seam with your fingers. Now you want to do this slowly to prevent tearing the body. This cutting method gives you a smooth cut and ensures the parts match up. Now at this point you can paint your body. Once the body is painted you can hinge your openings with nylon airplane hinges or, like I did on my Parma Hemi sedan body used brass hinges I found at a doll house supply store. And you add other details like door handles, prop rods, interior panels, etc.

EXTERNAL CONBUSTION

The last detail to wow 'em with is a detailed Parma Hemi engine, as you can see by the photos there are many ways to detail a Hemi. Also Parma now offers a Chevy small block kit for you Bow Tie fans out there. Other details are plug wires, real rubber blower belts and braided fuel lines available from Parma.

One nice trick is to spray a light coat of candy color paints over the chrome parts to give them an anodized look. Another trick is to take duct tape and fold it into itself to make blower, bell housing blankets and safety straps. So, as you can see here a little imagination and hard work can produce some real show stoppers, and many of the parts you need to get started can be found in nearly any hobby shop and Radio Shack. Good luck and get started now!

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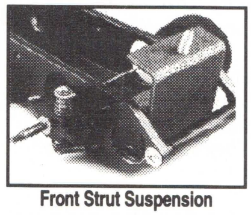

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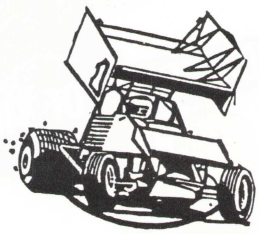

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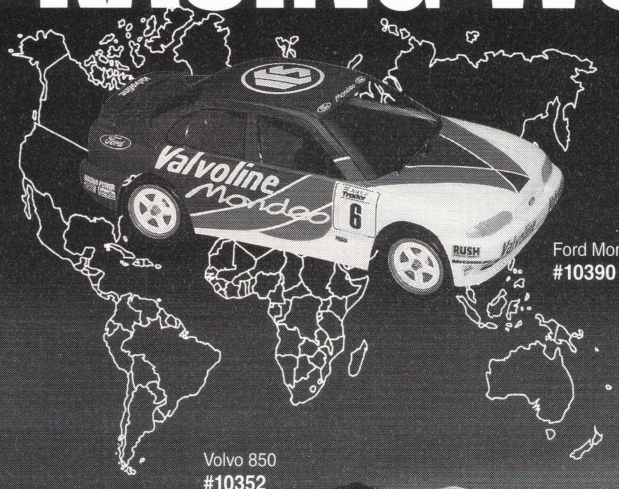

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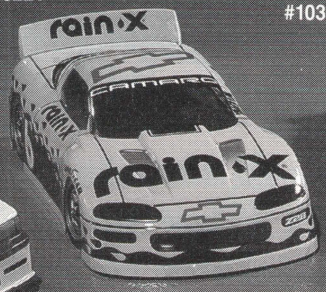

BMW M-3
#10355



Volvo 850
#10352



Vauxall Cavalier
Opel Vectra
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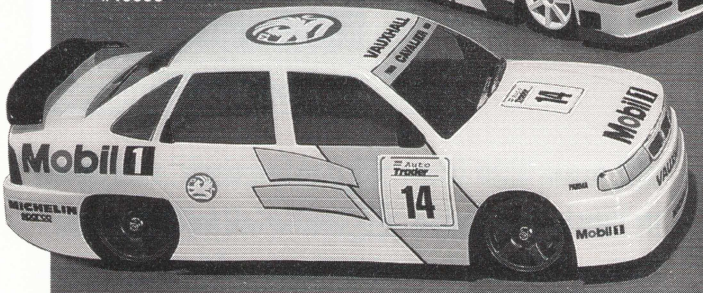
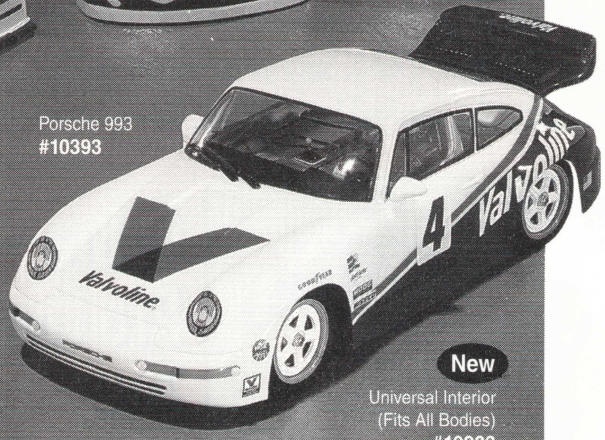


Porsche 993
#10393



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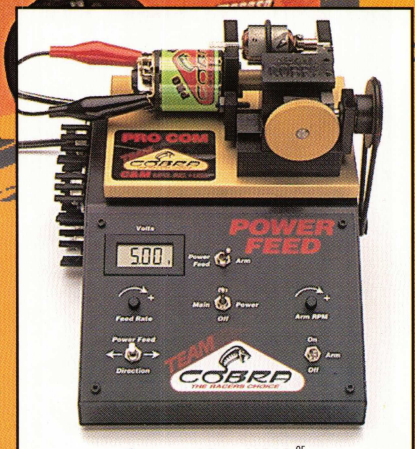

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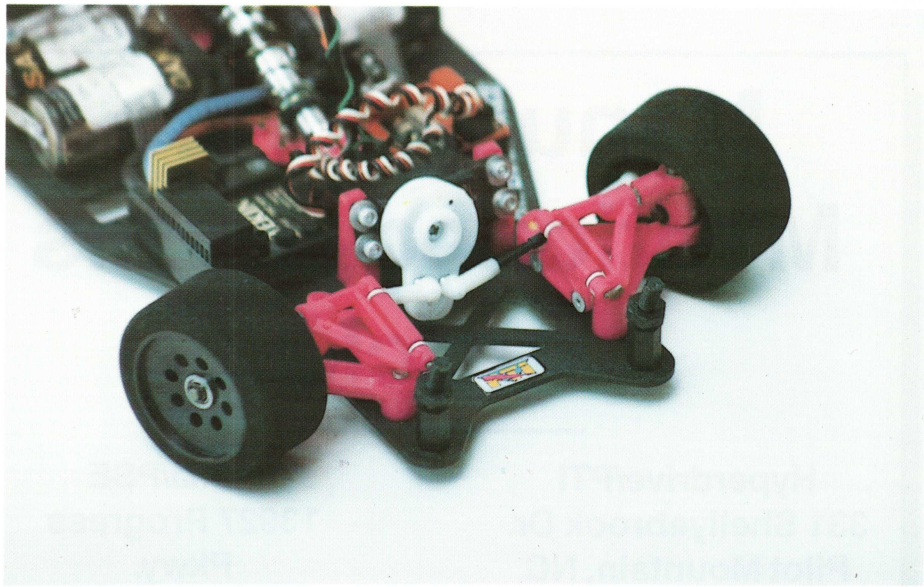
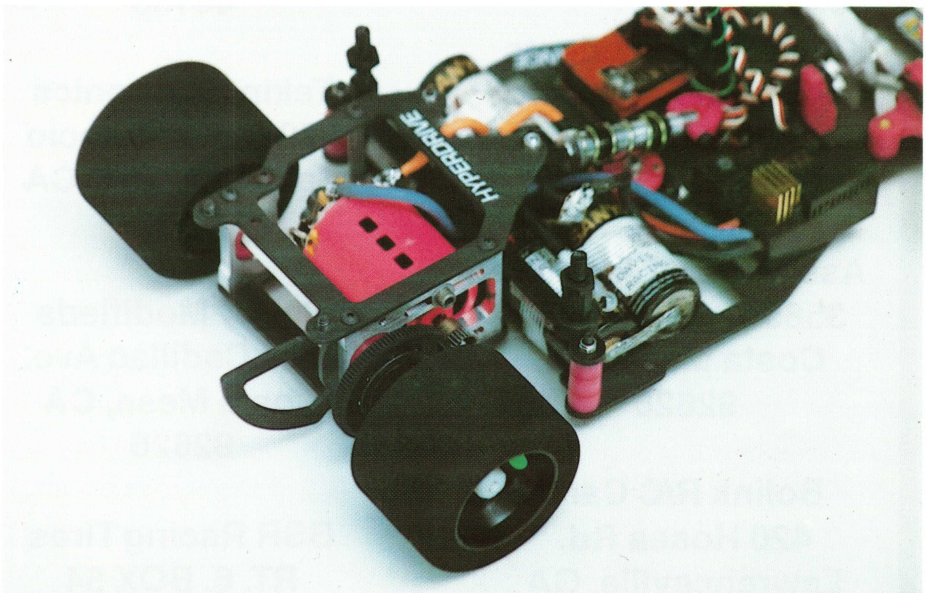
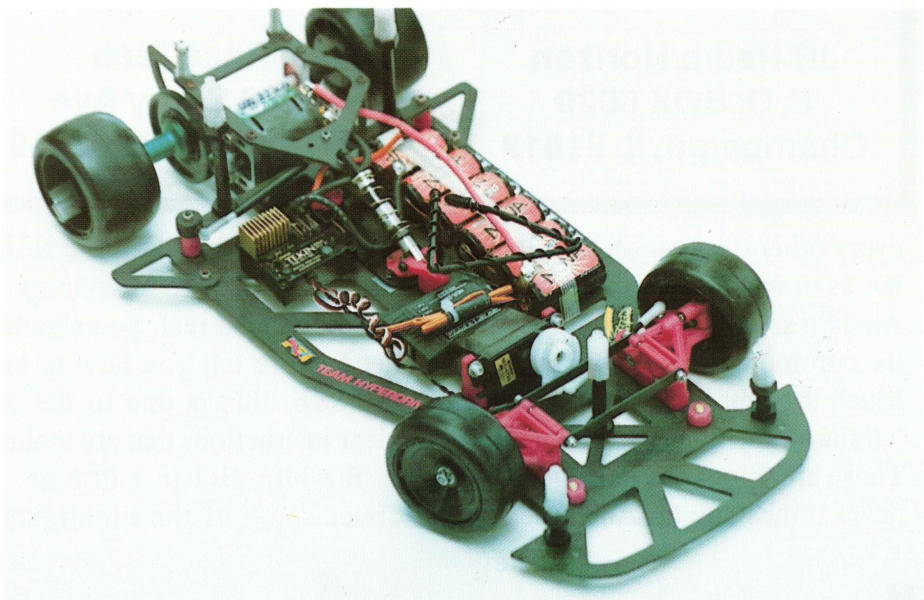
Hyperdrive's SSE

By Jim McLelland

Making The Claim For Oval Supremecy







Hyperdrive has long been one of the best designed race cars in the R/C world and now once again the folks at Hyperdrive have put the graphite to the grind stone and topped the performance of the STX. Of course, this didn't happen overnight, as Hyperdrive's R & D team had to work many hours behind the desk as well as on the track.

Now when you first see the SSE you tend to think it looks just like

These three shots give you an overall view of the chassis. As you can see the SSE comes with a Delta style shock, although you can use an Associated 10L shock without modification. The motor pad is lightweight and offers plenty of adjustment.

Manufacturers Mentioned In This Article

Hyperdrive/PTI
331 Shellyebrook Dr.
Pilot Mountain, NC
27041

Kimbrough Products
1322 Bell Ave., Unit
1-C
Tustin, CA 92680

Associated Electrics
3585 Cadillac Ave.
Costa Mesa, CA
92626

Bolink R/C Cars
420 Hosea Rd.
Lawrenceville, GA
30245

JR Radio/Horizon
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North Royalton, OH
44133

Tekin Electronics
970 Calle Negocio
San Clemente, CA
92672

Reedy Modifieds
3585 Cadillac Ave.
Costa Mesa, CA
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BSR Racing Tires
RT. 6, BOX 54
Killen, AL 35645

Race Tech
4200 Sarpy Ave.
St. Louis, MO 63110

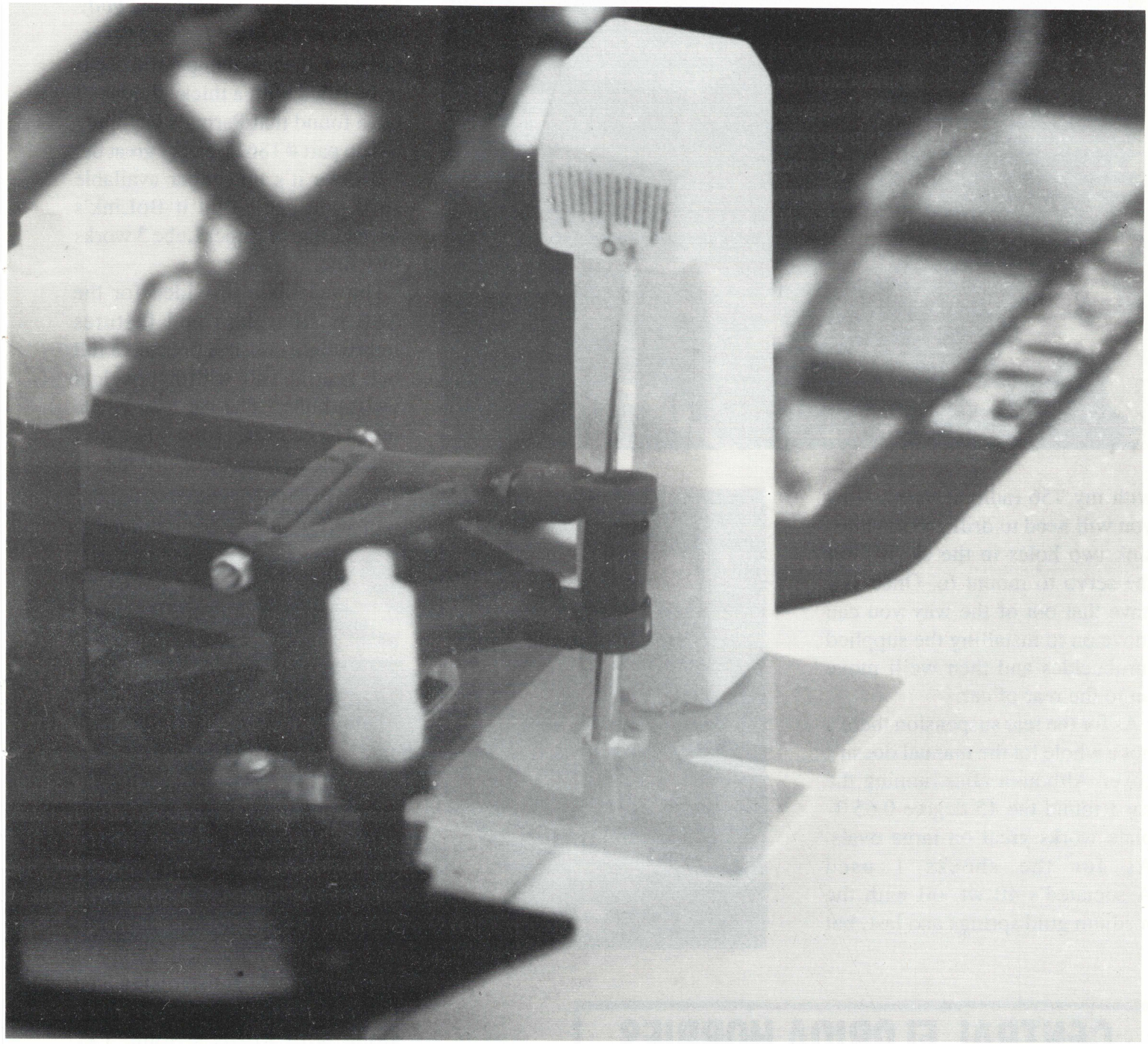
every other oval car on the planet, but as in my son's favorite movie, Aladdin says "Do not be fooled by its common place appearance". Much thought was put into motor balance and battery placement. These are things the average racer never thinks about. And that was their goal in building the SSE, a car that is capable of winning.

Well let's be real, you shouldn't need me to tell you how to build the SSE, this is due to the very clear instructions that are included in the kit. But just in case, I'll cover some of the highlights of setting up the SSE for oval action. The first step is to file down the sharp edges around the battery slots in the chassis, doing this will prevent the battery's shrink from being cut and causing them to short out on the graphite.

Hyperdrive does include a nylon bumper, but I recommend picking up the graphite superspeedway bumper for the SSE. Also when using the Superspeedway bumper you need to move the body posts out on to the bumper and use nylon nuts to secure the bumper to the chassis. As for the body posts included in the kit, they work well on indoor short tracks where aerodynamics doesn't have a big effect on performance. However, on Superspeedway's like the one in King, NC I opted to use Kimbrough Product's new aerodynamic body mounts. These guys are trick as they not only give you a clean cut through the air, but they also won't pull through the body in a crash like screws alone do. Another plus is they're fully adjustable to allow for varying body styles without replacing the posts, like you would do for just posts alone.

The SSE features the ever popular Associated Dynamic Strut for the front end, the dynamic strut system is tough to beat but everything has room for improvement. The first thing to do is ditch the EEK clip stub axles and replace them with a set of BoLink's threaded stub axles. Another convenient item to have is Race Tech's Adjustable Caster Kit. This unit replaces the pins and shims that are used to set caster.

With the Race Tech outfit you



Race Tech's suspension products make the job of chassis set-up less of a job.

can make fine adjustments with an Allen wrench and to check the accuracy of your adjustments Race Tech offers a caster/camber gauge. This gauge simply mounts to the suspension and gives you the info you need to know to go fast and turn left. And with the Race Tech line of parts you will never be in the dark at set-up and with the caster kit you won't be hunting around the floor looking for those shims.

As for the front end set-up I used Wolff green springs on the left front and Wolff purples on the right front. And with the gauge I put 2 degrees of caster in the right and 4 degrees in the left. As for the camber, 2 degrees negative camber in the right front and 1 degree positive in the left. To finish up the front end you will need to assemble the servo saver and mounts to your servo. For the SSE I went with JR Radio's 4735 Hi Speed servo that was included

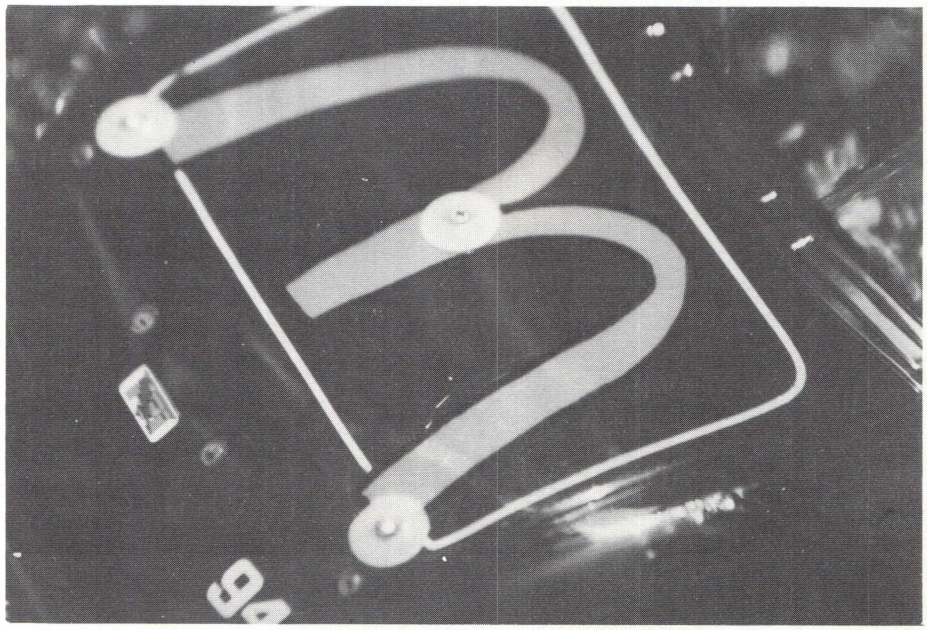


Kimbrough's new wing and body mounts are a must for any racer.

with my 756 radio system. Now you will need to drill and countersink two holes in the chassis for the servo to mount to. Once you have that out of the way you can move on to installing the supplied turnbuckles and then we'll move on to the rear of car.

As for the rear suspension there's not a whole lot the manual doesn't cover. Although after running the car I found the 45 degree 0.65 T-plate works great on large ovals. As for the shocks I used Associated's 40 wt. oil with the medium gold springs and last, but not least, the rear damper rod needs to be filled with a thick silicone. I have found that Parma's Damping Syrup part # 18621 works great but I believe it's no longer available so if you can't find it BoLink's Mega Lube or Super Lube 3 works just fine.

The rear axle provided for the SSE is fiberglass and features lightweight construction and a full ball bearing diff with lightweight Delrin hubs. The car as a whole looks to be pretty stout, shouldn't need much, outside of driving, to be a winner. To finish up the SSE I installed Tekin's 411-G2 ESC along with Reedy's Sonic 13T motor and to power it all I added a set of Reedy Nova matched SCRC's.



The last step before hitting the track is to paint and mount the body for the SSE. I opted for BoLink's new '95 Ford Thunderbird stock car body. Besides the Kimbrough body mounts I also added Kimbrough's molded

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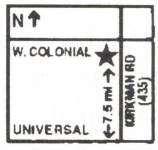


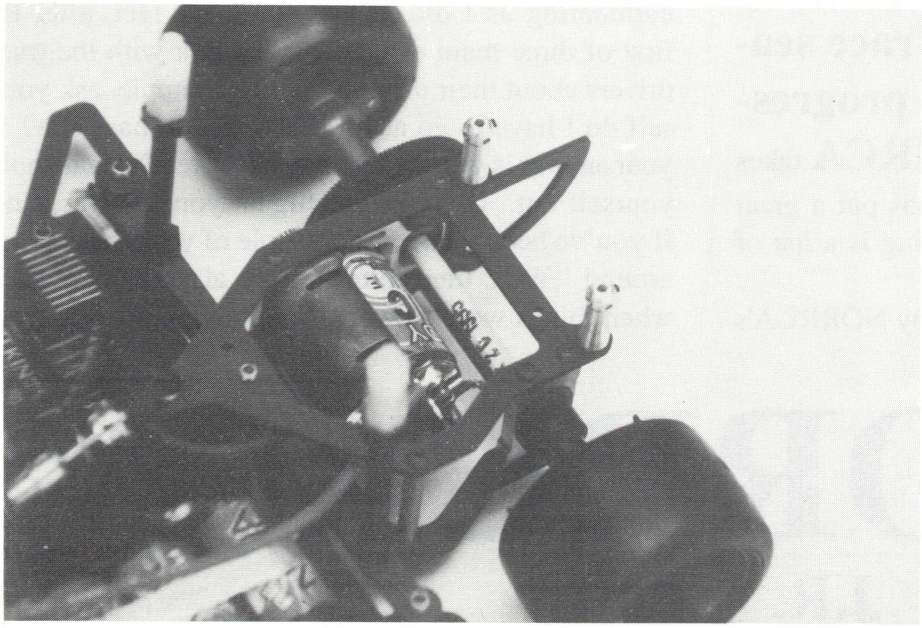
Lexan wing to help keep the traction to the rear tires and speaking of tires, a set of BSR Lightweight Pro Caps were used all around. The last page of the manual is the most important, it offers helpful set-up and tuning tips for the SSE. And now for the track test at my favorite oval, the King Superspeedway in King, NC.

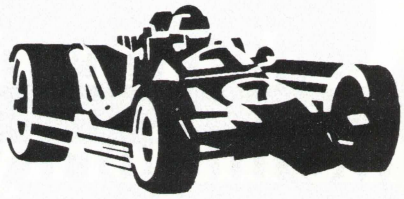
Well here we are with another new car to try to figure out on this very big and tough oval. Actually this car was designed and tested at this track. So I'm off and running around this famous oval. At first the SSE wanted to push like a dog. But before starting to turn screws I simply changed from a wide left rear tire to a narrow BSR gold. Man what an improvement! Now the car was just about right.

The SSE handled very well and even though I wasn't on the line around the track, the car was very forgiving, as a matter of fact, the car seemed to get better the more I ran it. After a few runs I did notice the right front tire was wearing a little more than the others. This is a sign of a slight push, so slight I didn't even notice it. But with a slight change in the car's tweak by taking a little weight out of the left rear, the car was now actually faster and the tire wear was improved. It's amazing with just a minor adjustment how you can pick up a few tenths on the track.

The Hyperdrive SSE is a hit, easy to build, set-up and drive and with all of the features included in the kit it's truly a best buy. And now for all you 12th scalers out there, Hyperdrive has just released two new 12th scale cars, the SSE 12 Oval and On-Road kits. The SSE 12 is based on the winning design of the SSE 10 and whether you turn one way or two these guys will be burning up a track near you. It's going to be tough for Hyperdrive to top the SSE line of cars, but then again I said the same thing about 10RS not too long ago so maybe they will prove me wrong, again.

The gear guard is an example of how much thought went into this car.





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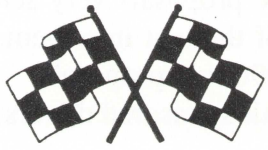

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Clarification: At the majority of NORRCA sanctioned events the drivers use their own 24 degree motors.

1996 Rule Proposals

It's that time of the year when NORRCA is busy maping out its rules for the next race season. As one of the most progressive organizations, NORRCA takes its rule proposals very seriously and has put a great deal of thought into them. The following is a list of the 1996 rule proposals.

1. All sponsored drivers as outlined by NORRCA's current rules should not be allowed in the Sportsman Stock or Modified classes. Clarification: NORRCA currently does not allow sponsored drivers to compete in any Sportsman Stock classes. The logic is that Sportsman Stock is the next step above the entry level class of Rookie and if your receiving help, your in the wrong class. Until now we haven't restricted the Sportsman Modified classes because, we feel Modified drivers should be allowed to receive help. If you push a Modified driver into an Expert class, it now becomes a totally different world. That driver will at most large events be competing with the Factory drivers and their chances of being competitive have just been reduced by a factor of 1000.

2. Eliminate the minimum tire size for Dirt Oval Trucks. Clarification: At various portions of the country, mostly East Coast, racers are buying a much smaller truck tire. The smaller size is generally: 3.45" where as the larger tire is 3.75". The smaller tire generally makes the truck handle a bit better and definitely makes it go faster. NORRCA's position has been one of keeping the cost down (a very difficult task) and therefore going faster is not something we promote. The faster you go, the more it costs in equipment and the less people there are that can handle higher and higher speeds. I'll give you a hands on account of faster speeds and out of control drivers. This year's NORRCA Dirt Oval Nationals was held at one of the smoothest and finest tracks in the country. Well the racing was excellent except for the Truck classes. I have never seen such out of control and hammering as I did in this class. In fact, after the first of three main events, I had a talk with the truck drivers about their driving. It's real simple, ask yourself do I have to go at MACH speed to have fun? If your answer is yes, then go buy a Rocket Car and knock yourself out. If you're intelligent your answer is no. If you've been racing for a couple of years take a look around. Were there more racers at your local track when things were slower? You know darn well there

NORRCA

J.R. Stiman

were. The faster we continue to go, the less of us there are. The majority of the Truck tires sold are the larger size, 3.75", and you get many races out of one set of tires.

3. Develop a set of Legend Rules. Clarification is real simple. NORRCA will with their permission take Bolink's Legends rules and modify them just a tad to fit our own needs.

4. Reduce the weight for the Sportsman Pan classes to 42 oz. Clarification: The current weight for these classes is 44 oz. Reducing it would make the weight exactly the same as the Expert classes and after January 1, 1996 when all classes go to 1700's the only difference would be driver's skill. NORRCA is well aware in today's market the majority of the Pan Car kits come out of the box somewhere near 42 oz. There is still a majority of those racers who have older kits that aren't that light. If we reduce the weight, that means those racers with heavier cars now have to purchase mini-receivers, titanium parts and drill out their chassis to be competitive. Our answer is a whole lot cheaper. Add some fishing weights or quarters for a total expense of maybe a dollar and now everybody is the same weight and it didn't take much work or any more of your limited dollars. I personally hope this proposed rule change does not get approved. By the way, I don't vote on the Rules Committee unless there's a tie. I guess you know which way I'd vote on this one.

5. Remove wings from the Sportsman Pan cars. Clarification: The reason this was proposed from a racer is he feels the class should be slowed down. NORRCA agrees, however, when we first started promoting Pan Car racing, we required wings, unfortunately most track/clubs didn't. So when we put it out for vote to remove the wings, it was approved. I think this is a good suggestion, but its chances of getting approved are slim.

6. Have a Break-out rule for the Pan Car classes. Clarification: As of January 1, all NORRCA classes will be going to 1700 MAH batteries. This will mostly effect the Pan Cars which still run 1400's. The question has been asked, "What will be the difference between Sportsman and Expert with the exception of weight?" Well the answer is "Driver Ability". To help alleviate the possibility of drivers who are currently running the Expert classes from dropping back into Sportsman now that they can use 1700's, a Break-out rule has been suggested. For example, if at any given track the Experts are running 39 laps and a Sportsman is doing the same, guess what. NORRCA would move that driver into Expert and transfer their times. That driver would be required to remain in Expert in whatever scale/class they were running at feature events.

7. Sportsman Stock classes would use a closed end bell motor. Clarification: At the majority of NORRCA sanctioned events the drivers use their own 24 degree motors.

Well this helps a bit with motor equalization, but as many of you are aware, if you know a good motor person, they can get the most out of your motor and make it quicker. Well, I believe that a closed end bell motor would eliminate this problem. The only problem with this type of rule is it would take the support of all NORRCA sanctioned tracks before it would work. For NORRCA to just require it at major events, would not serve any purpose. It would just give the racer another motor to stick in their box after the event was over.

8. Separate the NASTRUCK into Sportsman and Expert. Clarification: Basically the only class NORRCA offers at present is Sportsman NASTRUCK. We have allowed the Experts to run in the Sportsman Modified class for 1995 and there have only been a handful of them trying it and it was not on a regular basis. The proposal is going out to the racer for your vote, but I personally hope it doesn't pass. My reasoning is the class is not big enough to separate, so what it would do is give tracks two more classes, more trophy expense and you'd have 5 Experts in one class and 5 Sportsman in another. I don't feel separation would create more than a few more racers.

CP

NORRCA

J.R. SITMAN

Racing Around The World

By Mike Haswell

Round one of the British, 1/10th On-Road Gas Nationals saw Gavin Reast, polesitter from last year's European Championships. He took the TQ and the win with his Mega powered Serpent. Next up was PB owner, Keith Plested, with a Nova-Rossi powered PB Apollo Vari and Steve Whiting took third with an Actived BMT, also powered by Nova-Rossi.

The European 1/10th Electric On-Road Championships held in Rome, Italy saw home driver Marco De Marchi take the TQ and the overall win with his LRP/Orion powered Associated 10LS (Associated's first title) breaking the Corally dominance of recent years. Next up were fellow Italians Giuseppe De Liguori driving for Trinity and Marco's teammate, Cristiano Nassetti, who took second and third, respectively. 1/12th World Champion David Spashett took fourth place with his Corally after winning the first of the 3 A mains.

The 1/8th Gas World Championships in Thailand saw Lamberto Collari successfully defend his world title, to make it an unprecedented fourth consecutive title with his Collari Nova-Rossi powered Serpent Excel. Germany's Michael Salven Serpent/Mega finished in second and Italy's Massimo Fantini took the last podium spot with his OPS powered BMT Active. Ralph Burch, Jr. also made the A main, but had problems and finished in tenth place.

At the European 4WD Buggy Championships, Craig Drescher was in dominant form taking the TQ and the overall win with his Reedy Ultra Sonic (11 Quad)/Keil powered Schumacher Cat 2000 EC. Next up was Sascha Falter with a Reedy/Keil powered Yokomo YZ10 and Kevin Moore took third on the podium with his LRP powered Predator. All three drivers were using Proline's Flat Fuzzies (83-M2) as was most of the

field.

In 2WD Jukka Steenari showed the rest the way home. The odd hundred or so practice runs helped, driving a Corally/Orion powered Schumacher Cougar 95 Team. Craig was next up with his RC10 and Kevin again came in third with his Losi XX. Most of the A main drivers were running Losi Silver fronts and Proline Flat Fuzzies on the rear.

1/8TH GAS WORLD CHAMPIONSHIP

lst - Lamberto Collari
Serpent Excel/Collari Nova-Rossi
2nd - Michael Salven
Serpent Excel/Mega SX-21*
3rd - Massimo Fantini
BMT Active/OPS
4th - Stefano Colombini
Serpent Excel/Nova-Rossi
5th - Alessandro Aspesi
BMT Active/Nova-Rossi
6th - Marco Zini
Serpent Excel/Nova-Rossi
7th - Michele Baruzzi
Serpent Excel/Nova-Rossi
8th - Jacky Mouton
Serpent Excel/RB Concept *
9th - Jacob Buhler
Serpent Excel/Mega SX-21 *
10th - Ralph Burch Jr.
BMT Active/OPS
*** = engines made by Nova-Rossi**

4WD EUROPEAN BUGGY CHAMPIOSHIPS

In the A Main the equipment was as follows:

Cars:
(4) Yokcmo YZ-10
(4) Schumacher Cat 2000 EC
(2) Tenth Technology Predators
Motors:
(3) Reedy Motors
(4) Corally
(2) LRP
(1) Evolution
Speed Controls:
(4) LRP
(3) Novak
(1) Tekin
(1) M-Troniks
(1) Helbing
Batteries:
(4) Orion
(2) LRP
(2) Keil
(1) Mega
(1) Fastrax.
Tires:
(9) Proline
(1) Losi

2WD European Buggy Championships

Cars:
(3) Schumacher Cougar 95 Team
(3) Associated RCl0
(4) Losi XX
Motors:
(3) Reedy Motors
(2) Corally
(2) Evolution
(1) LRP
(1) Infinity
(1) AGR
Batteries:
(4) Orion
(2) Keil
(2) Mega
(1) Trinity
(1) Schumacher.
Speed Controls:
(3) Helbing
(2) LRP
(2) Novak
(2) M-Troniks
(1) Nosram
Tires:
(9) Losi fronts
(1) Proline fronts
(10) used Proline Rears

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The '95 I.E.D.A. Darlington Nationals

By Jack Wright

Darlington South Carolina is home to NASCAR and IHRA racing events and now you can add R/C Drag racing to the list of events in this famous town. As over 100 racers from all over came to make their mark on the Inaugural Darlington Nationals. And with the newly paved track at Hobbies and More in Darlington, National records were certain to fall.

Things got rolling on Friday with practice and time trials, to those of you not familiar with R/C Drag Racing, Friday is the most important day of the event. As you only have just a few seconds to make or break you, all of the track time you can get is the difference between first and last. So let's pick up with the action from Saturday's qualifying rounds.

A TRACK TOO TOUGH TO TAME...

Welcome to South Carolina in the Summertime and man is it hot! And the heat made things tough on those who wanted to go fast. The first class to qualify was Super Street. Lenoir, North Carolina's Kevin "MR. STOCK" Stine grabbed the TQ spot over Welcome, NC's Don James.

THIS MONTH IN RACING

In Comp Eliminator Geoffrey Brown was the man with his TQ run of 2.751, just edging out Florida's Jim MacQuarie by just 1/1000 of a second.

Super Stock was a record breaking shoot-out between Bobby Rackley and Randy Harris, at this time Bobby won the TQ with a run of 3.054 but it remains to be seen who will win the war.

In Econo Rail "MR. STOCK" Kevin Stine blasted the National ET record with his TQ run of 2.658 seconds. This is the fastest a stock motored drag car has ever gone in IEDA history.

Pro Truck was the Brian Brown show as he went on to TQ with his run of 2.223 at 59 MPH.

In JR Pro Stock hometown favorite Jody Padgett took the top spot with his run of 2.541 at 51 MPH, just edging Kim Kulawik for the TQ.

As for Pro Stock "MR. PRO STOCK" Terence Holt easily covered the field with a pass of 1.968 at 66 MPH.

In Alcohol Funny Car the same can be said of Team ARC driver John Evans, as he covered the quarter in 1.965, and took the TQ in his ARC powered machine.

Alcohol Rail was a repeat of Pro Stock as Terence Holt blasted the quarter, with a pass of 1.905 at 69 MPH.

In Pro Modified it was all ARC's John Evans with a TQ run of 1.936 at a record breaking speed of 71 MPH.



Concours winners from Left to Right, Kevin Stine Rail, Jack Wright Funny Car and Greg Armstrong Doorslammer.

The last class of the day was Top Fuel Funny car, where Charles "MR. BARBECUE" Williams set the mark to beat with a pass of 1.891 at 67 MPH.

LET'S MAKE SOME MOO LA . . . .

After qualifying on Saturday it was time for the $275.00 Bracket Bash. This event came to life a few years back at the Nationals in Clinton, NC and become a main stay at many of the National events. And after many rounds of elimination, it was left up to Jr Pro Stock TQ Jody Padgett and Carolina Hobbies Jeff Eckard to duke it out for the $150.00 first prize. After the lights fell and the smoke cleared it was hometown favorite Jody Padgett pocketing the $150 and for Eckard's efforts $75.00 wasn't a bad return on his investment.

IT'S MAKE 'EM SHINE TIME . . .

It's amazing how fast the weekend goes but it's Sunday already and before things get started to see who the National champs would be, it was time for the Concourse competition. As always this is a tough one to judge, but the folks at Hobbies and More along with the IEDA

THIS MONTH IN RACING

National Director Corbit Marshburn, had the tough task of deciding the best of the best.

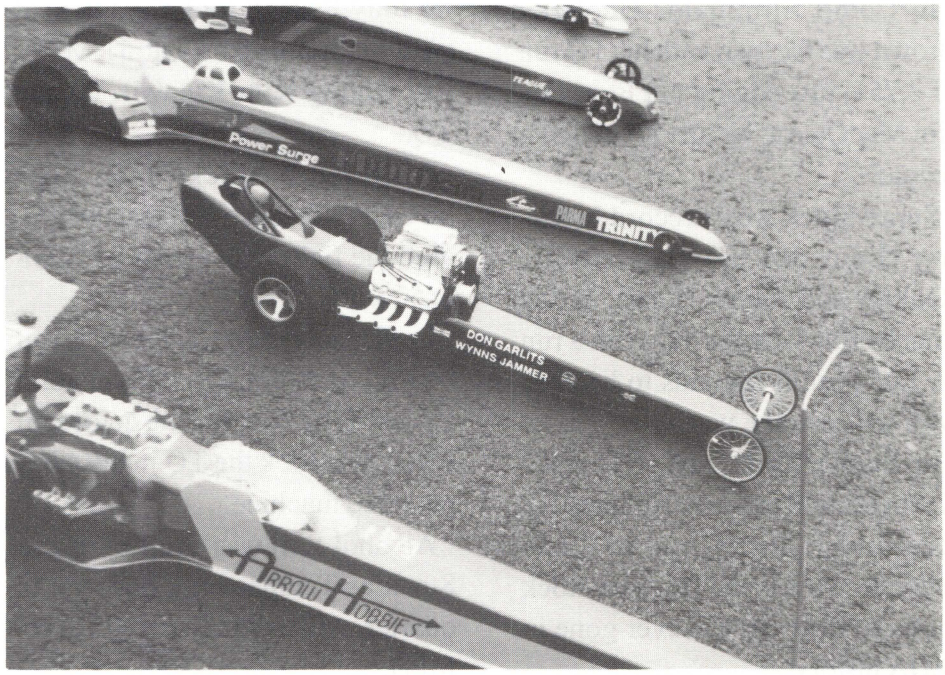
In the Doorslammer class one of Kevin Stine's works of art owned by Greg Armstrong took the top spot, with his very scale looking replica of the ON SAT Pro Mod Willy's that travels the IHRA circuit. In Funny Car Jack Wright's Smokin' Joe's Ford Mustang replica was tops in Funny Car, the car started life as a Firebird but with a little paint and detailing it grew up to be a Blue Oval Blaster. And last but not least, taking the Dragster class was Kevin Stine's Econo Rail, the same one he had set the new ET record with the day before.

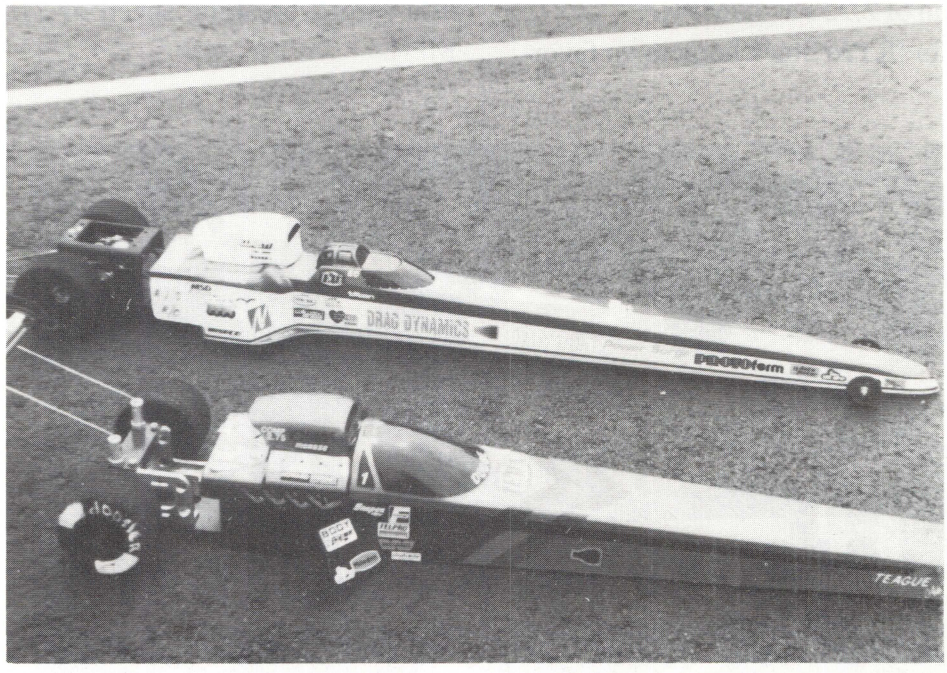
THE FINALS.....

This is it! The battle begins to see who would be going home with the gold or just be put on the trailer, so let's get started with the finals in Bracket.

The Bracket Final would be a shoot-out between Jody Padgett, who took out a red lighting Rick Williams in the semi's, and Kenny Brewer. Kenny got the drop on Jody at the start, but out ran his dial-in of 3.48 to give the win to a hard charging Jody Padgett.

The final in Super Street would be a showdown between the Num-





A look at Some of the HOT cars at the Nationals.

THIS MONTH IN RACING



Curtis Jenkins with his B side winning funny car.

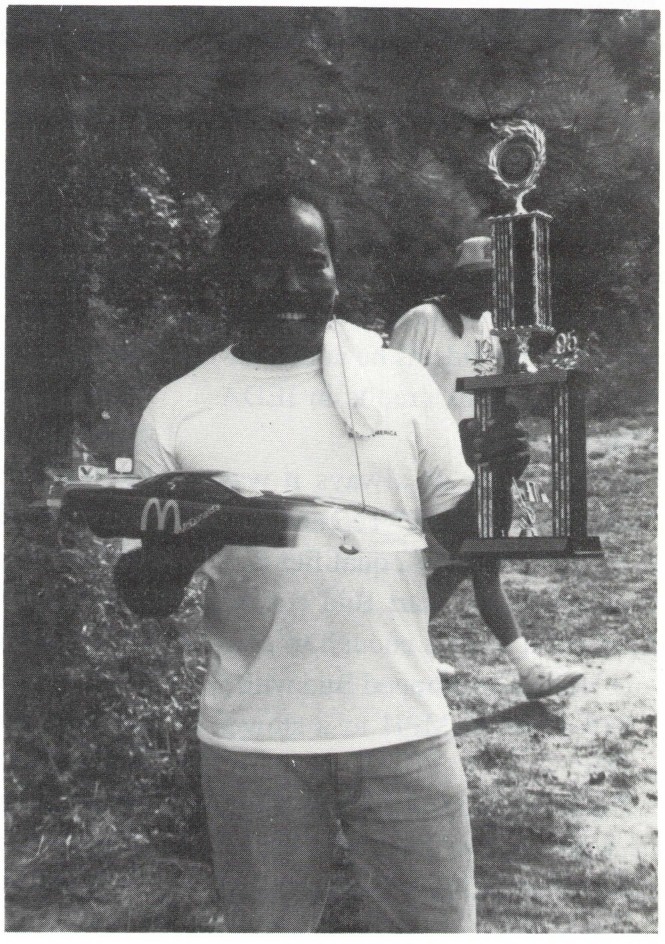
ber 1 and 2 qualifiers Kevin Stine and Don James. At the start it was all Stine as James was napping at the tree. But Stine had a little too much power as he dropped below the 4.00 second break out and handed Don James his first National win in Super Street.

In Comp Eliminator it was another break out final as both the TQ Geoffry Brown and #2 man Jim MacQurrie both lost there semi round runs by going under the 2.75 index set for Comp. So this set up a final with Patricia Armstrong and Sean Lemaster. At the start Pat got the jump on the light and held it wide open to the end to take the win over Sean with a run of 2.75 with a five.

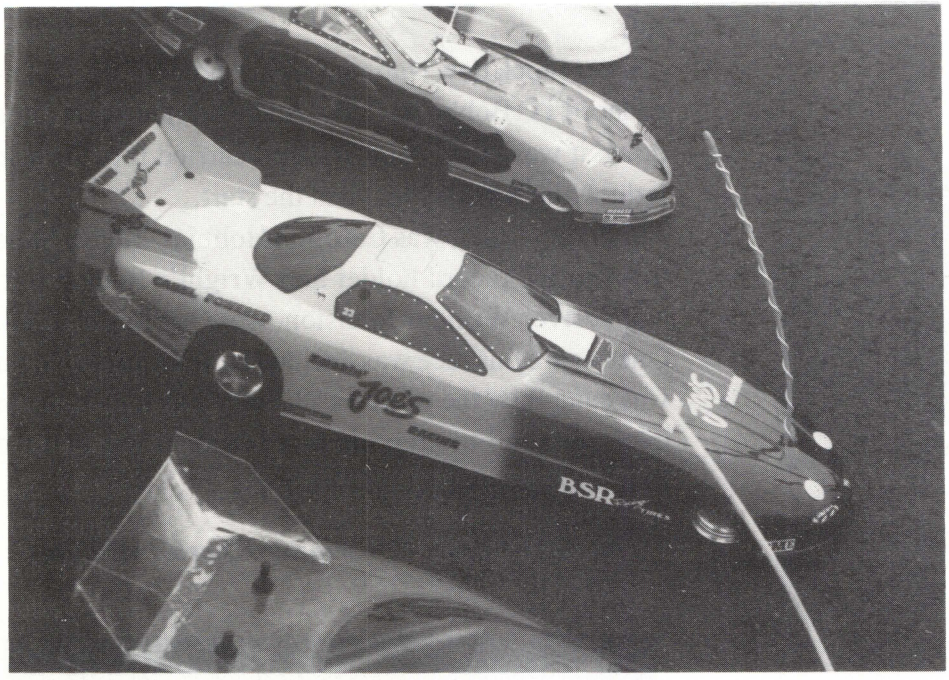
Super Stock new National record holder Randy Harris faced TQ Bobby Rackley. And when the lights came down it was Harris out first and carried it to the win light while Rackley lost it at the start.

In Econo Rail it was Carolina Hobbies' Kevin Stine the new ET record holder and Wright's Racing Ent. team driver William Johnston, were set for the final. Once again this race was decided by reaction as Kevin was caught by the tree and William was long gone in his Lightz rail to grab his first National win and the first for BSR's new Draglite tires.

Top Fuel Funny Car winner Charles Williams



THIS MONTH IN RACING



The author, Jack Wright's Smokin' Joe Funny Car

Pro Truck was the Brian Brown show, as the TQ faced Carolina Hobbies' Kim Kulawik in the final. At the start Brown had the light and power on his side as he added another win to his credits in IEDA Drag Racing.

In Pro Stock as always it was "MR. PRO STOCK" Terence Holt in the final facing #2 qualifier Bud Bratton. At the start Bud cut the light but it wasn't enough to contain Holt as he dropped Bud with a 1.975 at 65.75 MPH to a slower 2.156.

The Jr Pro Stock Final was made up with a pair of guys who hadn't planned on racing in this class, but decided to at the last minute. Carolina Hobbies' Jeff Eckard faced off against BoLink/BSR team driver Jack Wright. At the start Wright got the holeshot with a perfect .400 light, but it wasn't enough to hold off the faster Jeff Eckard who took the win by less that an inch.

In the Alcohol Funny Car final Jack Wright's luck would change as he would face TQ ARC's John Evans. At the start Wright got the jump but Evans was making a charge. But at the end Evans lost control and Wright went on to win his first National and another win for BSR's Draglite tires.

Alcohol Rail was a repeat of Pro Stock as Terence Holt was on another tear as he headed in to the final to face Carolina Hobbies' Jeff Eckard. And Jeff had turned up the wick on his way to the final to be the only driver that had anything for Holt. On the start Holt got the jump and outpowered Eckard who had lost a bit of the steam that had carried him to the finals and once again Holt added another title to his belt.

In Pro Modified TQ ARC's John Evans faced teammate Greg Armstrong in the final. Greg got the holeshot but Evans' horsepower prevailed as Evans went on to take the win.

The Top Fuel Funny Car Final was a blowout as TQ Charles Williams had Mike Blair's lunch to take home the gold in Top Fuel.

ALL GOOD THINGS MUST COME TO AN END . . .

Well with all the Awards handed out and the cars all loaded up, it was time to say good bye to the Track Too Tough To Tame knowing that some have tamed it. I would like to thank everyone at Hobbies and More and the IEDA for putting this event together great job! And I hope to see you at the Fall Nationals in Clinton NC.

FINAL RACE RESULTS

Class/Name/Hometown /ET/WH/R/T

THIS MONTH IN RACING

BRACKET
Winner/Jody Padgett
Darlington, SC/3.307/37.00/.640
Runner Up/Kenny Brewer
St. Pauls, NC/3.473/31.75/.631
B-Win/Scott Lemaster
Naples, FL/2.642/49.46/.653

SUPER STREET
Win/Donald James
Welcome, NC/4.057/25.58/.728
R/U/Kevin Stine
Lenoir, NC/3.997/25.67/.470
B-Win/KristinKulawik/
Taylorsville, NC/3.716/30.32/
.695
TQ/Kevin Stine
Lenoir, NC/4.042/25.26

COMP. ELIMINATOR
Win/Patricia Armstrong
New Bern, NC/2.755/46.09/.431
R/U/Sean Lemaster
Naples, FL/2.865/41.34/.470
B-Win/Kenny Brewer
St. Pauls, NC/2.892/28.35/.494
TQ/Geoffrey Brown
Columbia, SC/2.751/39.10

SUPER STOCK
Win/Randy Harris
Sarasota, FL/3.094/40.34/.525
R/U/Bobby Rackley
Clinton, NC/3.149/34.07/.689
B-Win/Kevin Stine
Lenoir, NC/3.160/41.12/.623
TQ/Bobby Rackley
Clinton, NC/3.054/41.60



This is one happy crowd of National Champs, but who's the goofy guy in the orange hat on the end!

ECONO RAIL
Win/William Johnston
Pulaski, VA/2.775/46.07/.426
R/U/Kevin Stine
Lenoir, NC/2.757/47.03/.535
B-Win/Brandon Kulawi
Taylorsville, NC/2.857/44.18/
.430
TQ/Kevin Stine
Lenoir, NC/2.658/49.05

PRO TRUCK
Win/Brian Brown
Cary, NC/2.204/57.82/.503
R/U/Kim Kulawik
Taylorsville, NC/2.292/55.09/
.574
B-Win/Mike Lemaster
Naples, FL/2.835/27.69/.465
TQ/Brian Brown
Cary, NC/2.223/59.28

JR. PRO STOCK
Win/Jeff Eckard
Taylorsville, NC/2.619/49.73/
.493
R/U/Jack Wright
Winston Salem, NC/2.734/41.86/
.400
B-Win/Kim Kulawik
Taylorsville, NC/2.610/51.69/
.596
TQ/Joey Padgett

THIS MONTH IN RACING

Darlington, NC/2.541/51.48

PRO STOCK
Win/Terence Holt
Herndon, VA/1.975/65.75/.435
R/U/Bud Bratton
Hyattesville, MD/2.156/49.75/.409
B-Win/Steve Knight
Holly Springs, NC/2.124/62.41
TQ/Terence Holt
Herndon, VA/1.968/66.58

ALCOHOL FUNNY CAR
Win/Jack Wright
Winston Salem, NC/2.058/64.00/.424
R/U/John Evans
Clinton, MD/N/T
B-Win/Timmy Williams/
Darlington, SC/2.147/59.89/.459
TQ/John Evans
Clinton, MD/1.965/67.70

ALCOHOL RAIL
Win/Terence Holt
Herndon, VA/1.914/69.10/.457
R/U/Jeff Eckard
Taylorsville, NC/2.039/64.90/.488
B-Win/Harry Gauch
Reston, VA/2.007/65.46/.508
TQ/Terence Holt
Herndon, VA/1.905/69.42

PRO MODIFIED
Win/John Evans
Clinton, MD/1.958/66.90/.426
R/U/Greg Armstrong
New Bern, NC/1.996/66.29/.416
B-Win/Beatle Kendall
Hagerstown, MD/2.099/60.81/.418
TQ/John Evans
Clinton, MD/1.936/71.70*

TOP FUEL FUNNY CAR
Win/Charles Williams
Boynton Beach, FL/1.933/65.93/.548
R/U/Mike Blair
N. Miami Beach, FL/N/T
B-Win/Curtis Jenkins
Boynton Beach, FL/2.189/58.62/.727
TQ/Charles Williams
Boynton Beach, FL/1.891/67.36

*** New IEDA National Records**

SUPER STOCK — Randy Harris/Sarasota, FL/3.057 ET

ECONO RAIL - Kevin Stine/Lenoir, NC/2.658 ET

ALCOHOL F/C - John Evans/Clinton, ND/68.24 MPH

ALCOHOL RAIL - Terence Holt/Herndon, VA/69.57 MPH

PRO MODIFIED — John Evans/Clinton, MD/1.933 ET-71.70 MPH

CONCOURS WINNERS
DOORSLAMMER - Greg Armstrong/New Bern, NC - Pro Mod Willys
FUNNY CAR - Jack Wright/Winston Salem, NC - Smokin' Joe's F/C

DRAGSTER - . Kevin Stine/Lenoir, NC - Econo Dragster

SATURDAY NIGHT BRACKET
$ 275.00 Total Purse
Winner/Jody Padgett/Darlington, SC/$150.00
R/U/Jeff Eckard/Taylorsville, ND/$75.00
Semi's/Mike Blair/N. Miami Beach, FL/$50.00

LOW E.T. - Charles Williams TF/ FUNNY CAR/1.895 ET
HIGH MPH - John Evans/PRO MOD/71.70 MPH

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RACIN' PLACES

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. Also the largest Concrete Oval is now open for 1/10 and 1/12. Along with the circuits, 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" Pavillions. 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.
FRANK'S HOBBY HOUSE
Frank's has racing for 1/12 and 1/10 electric on and off-road cars. Their track is indoors on carpet, and along with the track there is a hobby shop, AC power and scoring is done via an auto count system. The track is at 19401 N. Cave Creek Rd., Phoenix, AZ 85023. Phone them for their schedule at (602) 992-3495.

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.
RC MOTOR PLEX
This is a complete facility, with racing for 1/12, 1/10 and 1/8 gas and electric cars. This indoor/outdoor track features racing for on-road, off-road, and dirt oval. Along with the tracks there is a hobby shop, snack bar, AC power, and RV access. In addition, scoring is done via and auto count system. The track is at 204 Best Industrial Dr., Jonesboro, AR, 72401 - (501) 931-3278.
U-DRIVE-UM RACEWAYS
Off-road and oval 1/10th scale electric cars are what's running at this track. Along with the indoor track, they have a hobby shop, A/C power and scoring is done with the use of an auto-count system. The track is at 3500 Grand Ave., Ft. Smith, AR, 72904. For the latest racing schedule or for more information call (501) 783-9405.

CALIFORNIA

R/C SPEEDWAY & HOBBIES
Racing for 1/10 electric cars on an off-road indoor track. The track is dirt, and the facility features a hobby shop, snack bar, AC power and there is an auto count system. The track is located at 1453 N. Milpitas Blvd., Milpitas, CA 95035. Phone them for their schedule at (408) 263-4228.
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 autocount timing 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-roaders. 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 racig 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 Freemont, 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 facilitly with plenty of parking, AC power, snacvk 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. Outdoors there is an asphalt track for electric on-road. 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, computuer 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)779-1665. Hawk's is at 1201 West 10th St.
REVELATION RACEWAY
Racing for both gas and electric on-road cars are what's in store for the racer who comes to this facility. Revelation Raceway races electric road cars on Thursday and Saturday nights. Gas racing is done on Sunday. In addition, there is electric and gas oval racing. The track is located at 4871 W. State St., Ontario, CA 91762. Phone them at (909) 464-8247 for the latest schedule and events.

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 accessablity. Track is close to amenities, but there is no A/C power. The track is operated by Top Qualifieir 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.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 traqck all at thgis 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.

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. 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.

RACIN' PLACES

CONNECTICUT

PANTHORN RACEWAY
1/10 Scale: Panthorn Park, Burritt 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, Hartfort, 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.

LITTLE BRISTOL RC SPEEDWAY
Located in New Fairfield, this 1/10 scale elelctric carpet track is all indoors and the facility features A/C power. The track is at the Company "A" Firehouse. For the latest racing information at this track call (203) 355-4028.

R/C MADNESS TRACK & HOBBY, INC.
This facility features gas and electric racing for 1/10 scale cars. There are two tracks, one indoors and one out, on dirt. There is also a hobby shop, snack bar, A/C power and scoring is done with an auto count system. The track is at 640 Enfield St., Enfield, CT 06082. For the latest racing schedule call (203) 741-6501.

DELAWARE

HOT TRACKS/D.A.R.C.A.R.
Delawares 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 ashpalt 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 powere, 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.

BRAWFORD R/C SPEEDWAY (SCOTT'S GUN & HOBBY)
Racing for 1/12, 1/10 and 1/8 scale electric on and off-road cars. The facility has circuits for dirt oval, paved oval and an off-road track. The tracks are outdoors, and the facility also features a hobby shop, AC power and scoring is done via an auto count. Thre is also RV access The track is at Rt. 3, Box 240, Brawford, FL 32008. (904) 935-0758.

LOUIE BURTON'S R/C RACEWAY
Several types of cars can race at this facility, including 1/10 and 1/4 scale machines. Racing is outdoors on an on-road asphalted track. Along with road racing there is also paved oval racing. The facility features a snack bar, A/C power, and there is R.V. access. Scoring is done with the use of an auto count sytem. The track is at 4215 Mustand Rd.. Lakeland, FL 33803. Phone them at (813) 665-1322.

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 an 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 racing every Saturday on large ashpalt outdoor oval from April thru October. There is A/C power, snack bar, and hobby shop. Track is at 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.

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 feetof racing for both Stadium trucks and Buggies. We have a large pit area, plenty of AC power, concession stand, a well stalked 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.

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.

RADIO ACTIVE RACEWAYS
Electric 1/10 off-road and dirt oval cars will find a place to race at this facility. The track also features a hobby shop, snack bar, A/C power and there is an auto count stystem for scoring. The track is at 751 N. Bolingbrook Dr., #15, Bolingbrook, IL 60440. Phone is (708) 759-7557.

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 Mid-West'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 classs (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 serivce 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

RACIN' PLACES

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.

G.R.C.C.C.
This track has racing for 1/12 and 1/10 cars on an indoor carpet track. Along with road racing there is also a carpeted oval track. The facility features a hobby shop, snack bar, A/C power, auto scoring and there is also R.V. access. The track is at 1651 W. Franklin St., Elk Hart, IN 46516 - (219) 293-1827.

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, Witchita, 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, KY40211.

LOUISIANA

CAJUN R/C & RACEWAY
Electric on-road and off-road cars racing indoors is what Cajun Raceway is all about. The off-road cars run on dirt, with the road machines it's racing on an asphalt track. Along with t he tracks, there is a hobby shop, and A/C power is provided. Cajun Raceway is at 4315 Johnston St, Lafayett. LA 70503. Call them for race times at (318) 988-6270.

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 both indoors and outdoors,with a paved oval and road course, along with a dirt oval and off-road track The facility, 22,000 square feet, 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. Threre'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.

R/C SPEEDWAY AND HOBBIES
Racing for 1/12 and 1/10 electric on and off-road cars. Tracks are indoors and out, and along with the circuits there is a hobby shop, snack bar, A/C power, auto count and there is R.V. access. The track is at 87 Main St., Fairfield, ME 04937.

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 Restraurant. 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.

SPEEDWORLD HOBBIES
Locacted in Wakefield, this track has races for 1/12 and 1/10 electric on and off-road cars. In addition, this facility hold races for monster trucks and has truck pulls. The facility is indoors, and races are done on carpet. The facility features a hobby shop, snack bar, A/C power and scoring is done via an auto count system. Speedwork is locatd at 134 Water St., Wakefield, MA, 01880 - (617) 245-3922.

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 - September. Racing every Sunday at 1:00 p.m. 5313 West 22 Mile Rd., Tustin MI. Track is 8 miles south of Cadillace. (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.

MEGADROME RACEWAY - BRCCR CLUB
Both gas and electric 1/10th scale cars can race at this track in North Adams. There are tracks both indoors and out, and racing is for dirt off-road cars. The facility also features a hobby shop, A/C power and scoring is done with and auto count system. The track is at 420 Curran Hwy., Rt. 8, North Adams, MI 01247.

RIDER'S SUPER SPEEDWAY
Racing for 1/12 and 1/10 electric on and off-road machines, on off-road, on road and dirt tri-oval circuits. This complete racing facility features A/C power, a snack bar, and complete hobby shop, auto scoring and there is even RV access. The track is at 42040 Kopperwick, Canton, MI 48187. For the latest racing schedule call (313) 451-5599.

JT HOBBY & SPEEDWAY
Both gas and electric 1/10 and 1/8 cars will find great racing at this speedway. Races include on-road, off-road, dirt oval and paved oval - all raced on their outdoor track. There is also a hobby shop, A/C power, RV access and there is an auto count. Track is at 825 Golden Ave., Battle Creek, MI 49015. Phone (616) 965-0571.

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 and 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.

HTU RACEWAY
1/10 scale dirt oval and off-road track. Races every Tuesday night and every Saturday. Track is at 220 North 66th St., Lincoln, NE 68505 (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.

WESTERN R/C RACEWAY
This facility features three tracks for a complete R/C adventure. The first is a 441 foot road course for 1/12, 1/10 and 1/4 scale racing. There is also a banked oval and an off-road track. In addition, drag races are also held. The raceway includes covered pits with power for 250 racers, a hobby shop, snack bar, AMB scoring and there's more than 2 acres of parking! In addition, the track is only minutes from the host hotel. The track is at 6404 Richmar, Las Vegas, NV 89139. Phone them at (702) 897-7227.

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. 650 Amberst St., Nashua, NH 03063.

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

BOB'S AMERICAN RACEWAY
Racing for 1/12 and 1/10 gas and electric cars. The racing is for both on and off-road machines, and there is also a paved and dirt oval. Tracks are both indoors and out, and there is also a hobby shop, snack bar. auto scoring, and A/C power. The track is at 142 Wilson Ave., Enlishtown, NJ 07726. Phone them at (908) 446-3737.

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 shopt, 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.

SOUTH JERSEY COST CONTROLLED RACING
This 12 race series will be held at different locations in the South Jersey area. Classes include 1/10 NASCAR, 1/10 NASTRUCK, Legends, and Trinity Street Spec. For more information call (609) 629-4809.

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. 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., Albuq. 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., Scotta, NY 12302, or Sam (518) 374-3801.

VICTOR R/C ASSOCIATION
1/10 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 elecric 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 rune 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 caldendar 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 feaure 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 Mattitock 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.

BROCKPORT INTERNATIONAL SPEEDWAY
Electric cars in the 1/10 and 1/12 scale classes will find both dirt and paved oval racing. The facility features both indoor and outdoor tracks, and there is also a hobby shop, snack bar, AC power, an auto count and there is RV access as well. The track is at 6000 Sweden Walker Rd., Brockport, NY 14420 - (716) 637-6224.

NATIONAL HOBBY SUPPLY
We feature an indoor flat carpet track with 5,000 sq. feet of racing surface. Our oval has a 200' cetnerline and it is easily converted into a road circuit or off-road stadium track. Racing is for 1/10 scale oval and on-road cars, 1/12 scale on-road, BoLink Legends and more. There is a large pit area, concessions stand and huge hobby shop.Call (914) 342-6786 for latest racing schedule. Track is at 25 1/2 Webb Rd., Middletown, NY 10940.

ADIRONACK RADIO CONTROL AUTO RACING
Racing for 1/12 and 1/10 electric cars on an huge indoor carpet oval track. The circuit is 90 X 34, with 12 foot lanes. In additon, there is a hobby shop, snack bar, and A/C power. The track is located at 738 Upper Glen St., Queensbury, NY 12804. Phone them at (518) 792-7272.

NORTH CAROLINA

DIXIE R/C HOBBY SHOP
1/10th Scale: Every weekend Sat. & Sun. The races will alternate between oval and motorcross 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.

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.

VALLEY HOBBIE, INC.
Racing for 1/12 and 1/10 electiic on-road and off-road cars. There is both an indoor and outdoor track at this facility, along with a hobby shop, AC powere and scoring is done via an auto count system. The facility is located at 2714 Main Ave., Fargo, ND 58103. For more information call them at (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 Cincinatti, 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 electic models. There are several different classes, and there are both indoor and outdoor tracks. The track is at 3668 Chelsea Dr., Brunswick, OH 44212.

RACIN' PLACES

RACIN' PLACES

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 with an auto count system. The track is at 395 US Rt. 40 E., Lewsiburg, OH 45338. For their schedule of races call them at (513) 678-8404 or (614) 889-0876.

STEEL VALLEY HOBBIES & RACEWAY
An indoor carpet track for 1/10 scale on-road cars is what racers will find at this circuit. Along with the track, there is a snack bar, hobby shop, A/C power, an auto count and there is RV access. The facility is located at 157 N. Fourth St., Steaubenville, OH 43952. For the race dates call (614) 282-3003.

BRYAN THUNDERDOME
Both gas and electric 1/10 scal cars can race on this oval/dirt track. The facility features an outdoor track, with a full hobby shop, AC power and scoring done with an auto count. The track is on Townline Rd., Bryan, OH 43506. Phone them for the schedule at (419) 924-2911.

OKLAHOMA

R.C.A.R. OF TULSA
Racing for 1/10 scale indoor on-road and Tamiya classes. The track is outdoors on asphalt, and there is limited AC power. In addition, there is an on-site hobby shop and there is RV acess. Track is at 4955 S. Memorial Drive, in Tulsa, OK 74145. For more info call Dave Cole at (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.

O.R.C.A.T.
Racing for electric and gas 1/10 off-road cars. Along with the track there is AC power, a snack bar and RV access. The track's address is 13311 E. 11th Street, Tulsa, OK 74114. For the schedule call George Goock at (918) 486-4528.

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 alsofeatures a hobby shop, snack bar, A/C power and scoring is done via an auto count system. The track is at 443 S. Calapoola, 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., Cochranton, 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., Cochranton, 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 on-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.

A & D'S BUMPS AND JUMPS
This outdoor track features racing for 1/10 and 1/8 gas and electric off-road cars. The circuit is dirt, and along with the track the facility features a hobby shop, snack bar, A/C power, an auto count and there is also RV access. A & D's is located at RR7, Box 7395C, Stroudsburg, PA 18360. Phone them at (717) 424-1750.

R/C OUTFITTERSERS/RCO RACEWAY
One tenth scale gass and electric cars will be racing at this track. Along with a dirt off-road track, there is a dirt oval. The facility also has a hobby shop, snack bar, AC power and an AMB auto-count system. The track is at 519 Broadway, Hanover, PA 17331. Call them for their racing schedule at (717) 633-9490.

MARSHALL'S R/C RACEWAY
Located in beautiful N.E. PA, just 2 hourst from the Metro NY area, and 3 hours from Philly. This lighted outdoor 275' center line paved oval is just one of the tracks on the sight. There is also an off-road track outdoors, and an indoor carpet track. Scoring is done via an auto count system and there is a pro shop. There's also lots of indoor pit space. Call them at (717) 729-7458 for hours and racing information.

KRANZEL'S R/C RACEWAY & HOBBIES
This indoor track races 1/10 off-road and dirt oval electric cars. It also features a hobby shop, snack bar, A/C power and there is an auto-count system. The track is at 415-B Bosler Ave., Lemoyne, PA 17043. Phone them at (717) 737-7223.

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 carpoet. The facility has a hobby shop, snack bar, AC power and and auto count system for scoring. There is also RTV Access. The track is located at 4020 Fernandina Rd., Columbia, CS 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 Sulpher 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.

THE GROVE RACING CENTER
The Grove Racing Center features two outdoor tracks. The first is a 395 foot concrete high-banked tri-oval. The second is an off-road track. Each track has its own auto scoring system.There is also R.V. access, covered pits with A/C power, concessions and a hobby shop. The track is at 1765 E. Main St., Rock Hill, SC 29730. Phone them at (803) 327-4121 for the latest racing schedule and directions.

SOUTH DAKOTA

ACTION R/C RACERS
This indoor track features racing for 1/10 scale cars on a carpet track. The facility emphasizes fun racing, and features a hobby shop, snack bar and there is AC power. The track is located at 509 S. Duff, Mitchell, SD 57301. Phone them at (605) 996-6895 or 996-5885.

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 and auto count. The track is located at 707-E Two Mile Pkwy., Goodlettsville, 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. 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. Emphaisis 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.

HOBBYTOWN USA
Racing for 1/10 and 1/12, gas and electric cars is what's in store for racers at this track. Hobbytown races on road, on an outdoort track. The facility also features a hobby shop and AC power. They are located at 999 East Basse Rd., #177, San Antonio, TX 78209. Call them for the race dates at (210) 829-8707.

EASTEX RACEWAY/K & M RACING
This indoor track features racing for 1/10 scale electric on and off-road cars. 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 45000 Hwy. 59 North, New Caney, TX 77357. Phone them at (713) 399-9777.

UTAH

WASATCH OFF-ROAD RACEWAY
There's more than 16,000 square foot in this indoor facility that has racinf for 1/10th scale electric off-road and oval. The track is 146' X 65'. The facility also features a hobby shop, snack bar and plenty of pit room. The track is at 3150 Brinker Ave. (Next to Winder Dairy), Ogden, UT. Phone them at (801) 393-2530.

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

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.

TRACK/CLUB NAME_____

ADDRESS_____

CITY_____

STATE_____ ZIP_____ PHONE ( ) _____

(circle all that are applicable)

1/12	OFF-ROAD	ASPHALT	
1/10	DIRT OVAL	DIRT	
1/8	PAVED OVAL	HOBBY SHOP	
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.

VERMONT

MIKES HOBBIES & RACEWAY
Indoor banked 1/10 carpeted oval, on-road racing. Six classes every Wed. at 7:00 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 indoor 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 off-road style 1/10 scale oval & figure eight racing Sat. eves. April through Holloween. Hobby shop, concession stand, A/C power. Rt. 4 Box 918, State Rd. 635, Stuart, VA 24171. Phone (540) 930-3984. Sanctioned by Bandit Association of R/C Race Cars (B.A.R.R.C.)

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 bosts 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.

TIMBERLAKE HOBBIES
There are two tracks to great both 1/10 and 1/12 gas and electric drivers at Timberlake. The first track is a dirt off-road track, with the second being a kidney shaped asphalt oval. The tracks are outside, although there are some indoor pits. The facility also features a hobby shop, snack bar, AC power, and an auto count system. Timberlake is located at 212 14th St., Virginia Beach, VA 23451 - (804) 491-8016.

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.

FOUR SEASONS R/C RACING
Covered off-road dirt track with racing for 1/10th electric cars. There is an on-site hobby shop, pit areas with electricity and snack foods are available. Track is at 2941 sleater Kinney Rd. N.E., Olympia, WA 98506. Phone (360) 491-2430.

TACOMA R/C RACEWAY AND HOBBIES
A 20,000 square foot indoor facility that features a dirt off-road track and slot car tracks. Inside, there are large pit areas with electricity and a snack bar. Scoring is done with an auto-count system. The track is at 6305 6th Ave., Tacoma, WA 98406. Phone them at (206) 565-1935.

RACEWAY HOBBIES
This indoor track races both 1/12 and 1/10 on road cars (sedan and F-1/Indy). The track is carpeted, and there is also a hobby shop, snack bar, A/C power and scoring is done with the use of an auto count system. The track is at 188 Sunset Ave. S., Edmonds, WA 98020. Phone them at (206) 774-3285.

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.

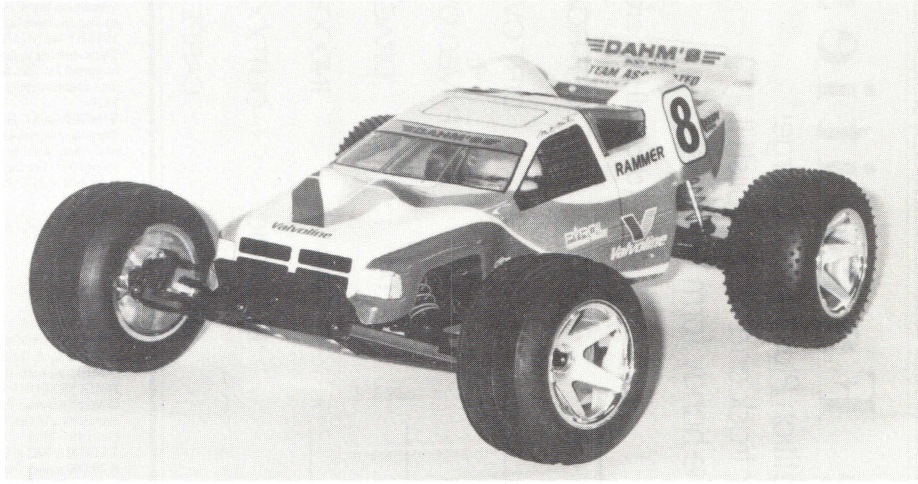
GARY'S HOBBY SHOP
Indoor banked concrete oval racing Tue. nights. Figure "8" Sun. afternoon. On site hobby shop with AC & DC power. For latest information call (414) 554-8884 or (414)554-8636. Address is 3701 Durand Ave., Elmwood Plasa, Racine, WI 53405.

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.

COLLECTABLE CREATIONS
This outdoor track features racing for 1/10 scale electric off-road cars. The track is dirt, and the facility features a hobby shop, snack bar and there is AC power. The track is at 1740 Dell Range Blvd., Cheyenne, WY 82009 - (317) 632-2156.

FOR THE

Dahm's Rammer

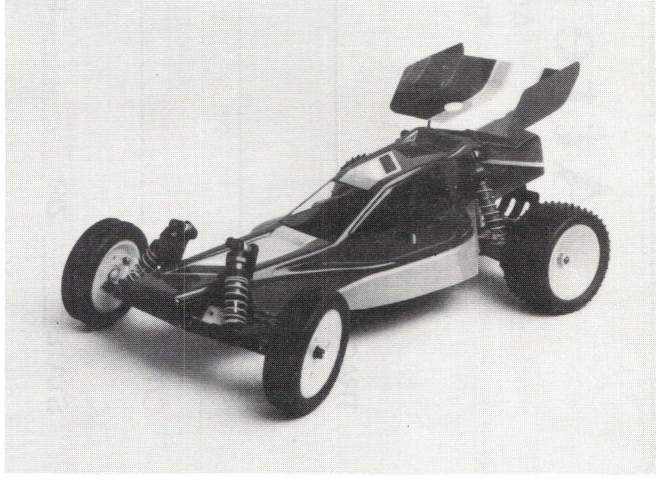


Dahm's Rammer Body is designed to be the best-looking, most aerodynamic, lightest and lowest stadium race truck body for the Associated RC10T2 Stadium Race Truck. This high-performance racing body is also designed to improve handling at high speeds.The Rammer is formed from the highest quality .030 G.E. Lexan for lightweight and strength. Rammer can easily be finished to look like your favorite stadium race truck by adding realistic Autographic decals. The Rammer uses the stock body mounts.

The Rammer has a low, super-aerodynamic profile, a swept-back narrow frontal area, a small-raked driver's compartment and a molded-in rear spoiler. An optional rear spoiler is included for additional down force. The Rammer also features fine detailing, a sun-roof/escape hatch, roll bars, number plates (for rear shock clearance), large rear cooling vents, completed instructions (with photos) and a Dahm's truck grill and taillight decal is included.

Part Number D203-$19.98. For more information call (707) 792-1316. Send $2.00 for Dahm's latest catalog. Dahm's Racing Bodies, P. O. Box 360, Cotati, CA 94931, (707) 792-1316, Fax (707) 792-0137.

Hot Bodies' Stealth Fighter



How do you top a proven World Champion? With a super sleek, chassis hugging, easy to mount body from Hot Bodies. The Stealth Fighter body has been designed to fit Associated's Team and World Car RC10 narrow buggy chassis. With body mounting points, trim lines, inlets for your speed control and decals. The only other item you will need is Hot Bodies' 4" Hot Wing (19200) or the pictured 5" Hot Wing (19201). Stealth Fighter Part Number 10302.

Hot Bodies, 308 Serrano Trail, Browns Mills, NJ, 08015. PH. 609-893-7716 or Fax 609-893-BODY.

RACER

SPEEDSKINS!

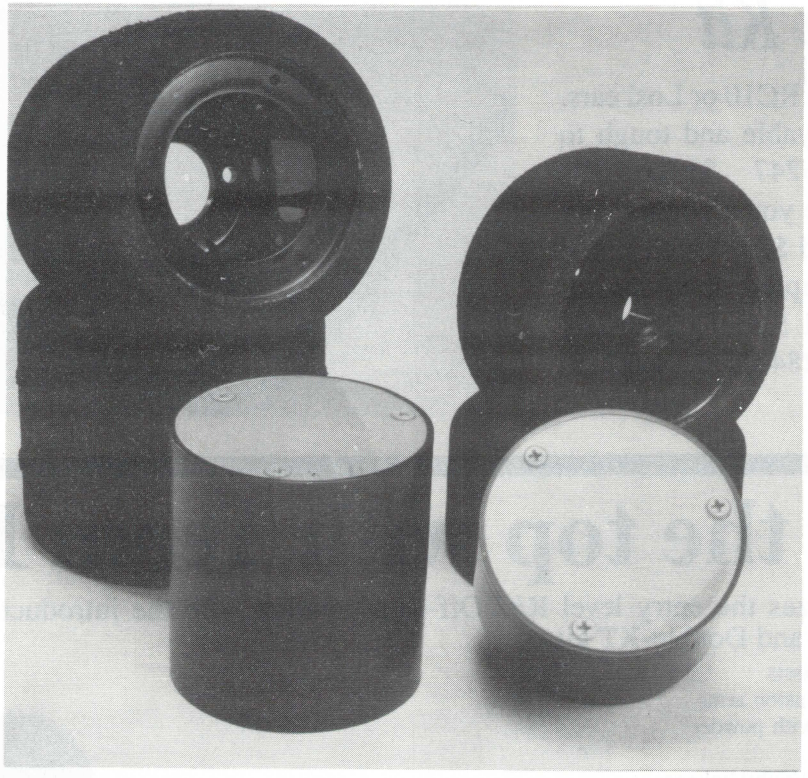
Today's tire technology on tomorrow's wheels! These new tires use a new, super rigid wheel - designed and manufactured by Kimbrough Products, to keep wheel chatter to a minimum in high speed corners and provide the truest wheel available.

They're available in standard U.S. and long wear European compounds. The rubber is mounted with a special glue process, then precision ground to 2.4" diameter.

Speedskins use the standard bolt pattern to fit most U.S. made 1/10 scale pan cars.

Speedskins Part Numbers:

BL-3080-$15.95 Orange/Blue Fronts



BL-3081-$15.95 Blue Fronts
BL-3082-$15.95 Green Fronts
BL-3084-$23.95 Gold Fronts (Long Wear)
BL-3085-$30.95 Purple Fronts (Long Wear)
BL-3381-$18.95 Blue Rears
BL-3382-$18.95 Green Rears
BL-3383-$18.95 Yellow Rears
BL-3384-$27.95 Gold Rear (Long Wear)
BL-3385-$33.95 Pink Rears (Long Wear)

For our catalog contact BoLink R/C Cars, Inc., 420 Hosea Road, Lawrenceville, GA 30245, (770) 963-0252, Fax (770) 963-7334.

PARMA DETAIL PEN

The famous Parma detailing pen has been updated with a new improved permanent ink and a two color logo design. Part Number #10396 - $1.75 Each

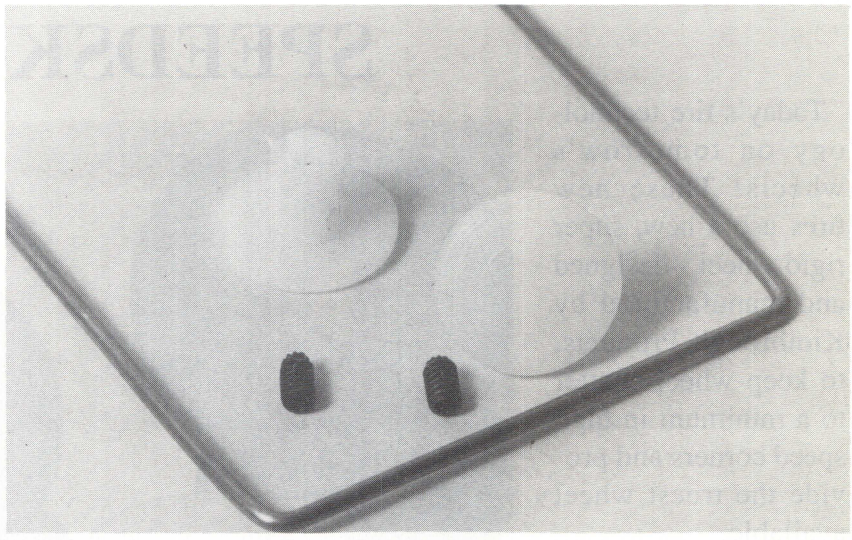
These pens feature a longer lasting, metal encased ultra fine point to please even the most discriminating modeler. Bag of 6 - $10.50.

Parma International, 13927 Progress Parkway, North Royalton, OH 44133.



FOR THE

Wing & Mounting Button Kit



The wire is pre-bent for RC10 or Losi cars. Nylon wing button is dyable and tough to strip out. Part Number 5247 $3.95. BRP, Inc. . . . Helping to make you a winner! For a complete catalog, send $2.00 with a self addressed 55 cent stampled envelope to: BRP, Inc. 1575 Lowell Street, Dept CP, Elyria, OH 44035, (216) 284-0270, Fax (216) 284-0271.

Start at the top with Team Losi!

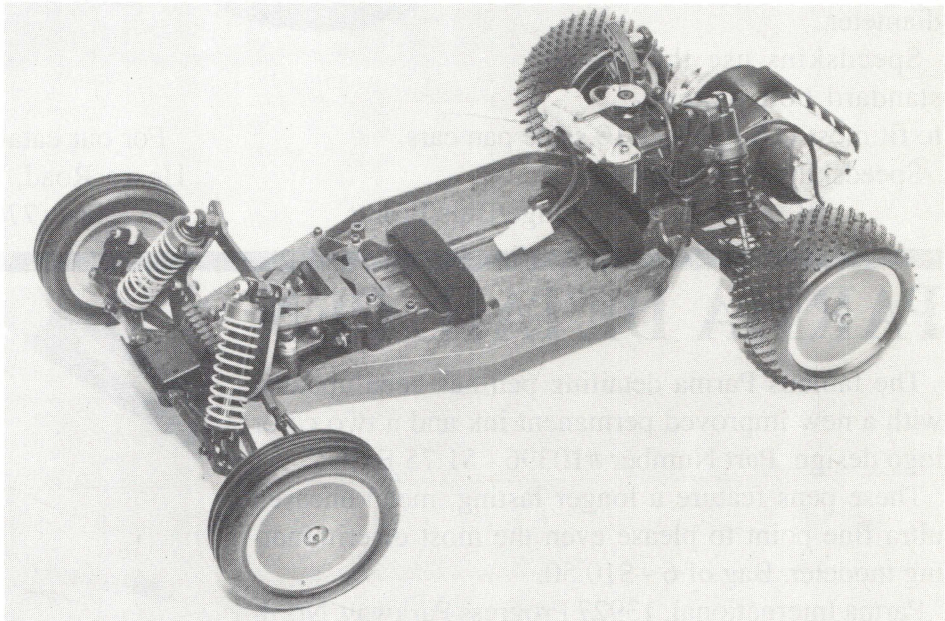
Team Losi revolutionizes the entry level R/C Off-Road market with the introduction of their economical version of the Double-X and Double-XT kits.

- Modular design, low CG chassis
- Super rigid "Stiffezel" suspension arms
- Anodized, oil filled shocks with powder coated springs
- Easy adjusting turnbuckle (left/right) linkages
- Universal "splined" drive shafts
- Unmatched 'XX' transmission with adjustable friction slipper
- Stylish bodies including window masks

Either kit can be fitted with a bearing set, Hydra-Drive, Electronic speed control, and a motor of your choice.

A-0040 Double-X Kit w/Bushings, Motor, and Speed Control-$229.95
A-0041 Double-X Kit w/Bushings, Without Electrics $209.95
A-0080 Double-XT Kit w/Bushings, Motor, and Speed Control-$239.95
A-0081 Double-XT Kit w/Bushings, Without Electrics-$219.95

Team Losi, Inc., 13848 Magnolia, Chino, CA 91710, (909) 465-9728, Fax (909) 590-1496.



KYOSHO INTRODUCES AN ENTRY-LEVEL GAS MONSTER TRUCK THAT'S BIG ON QUALITY AND PERFORMANCE

The Kyosho Nitro Tracker is an excellent choice for beginners interested in a monster truck that's stylish, rugged and easy to assemble. It's designed with the beginner in mind, to introduce them to the thrills, spills and realistic action of nitro-powered monster truckin'.

The Nitro Tracker comes over 80% preassembled, with a final finishing time of approximately six hours. It includes a factory-installed "Kelron-N" composite chassis, which is based on the proven Sandmaster chassis.

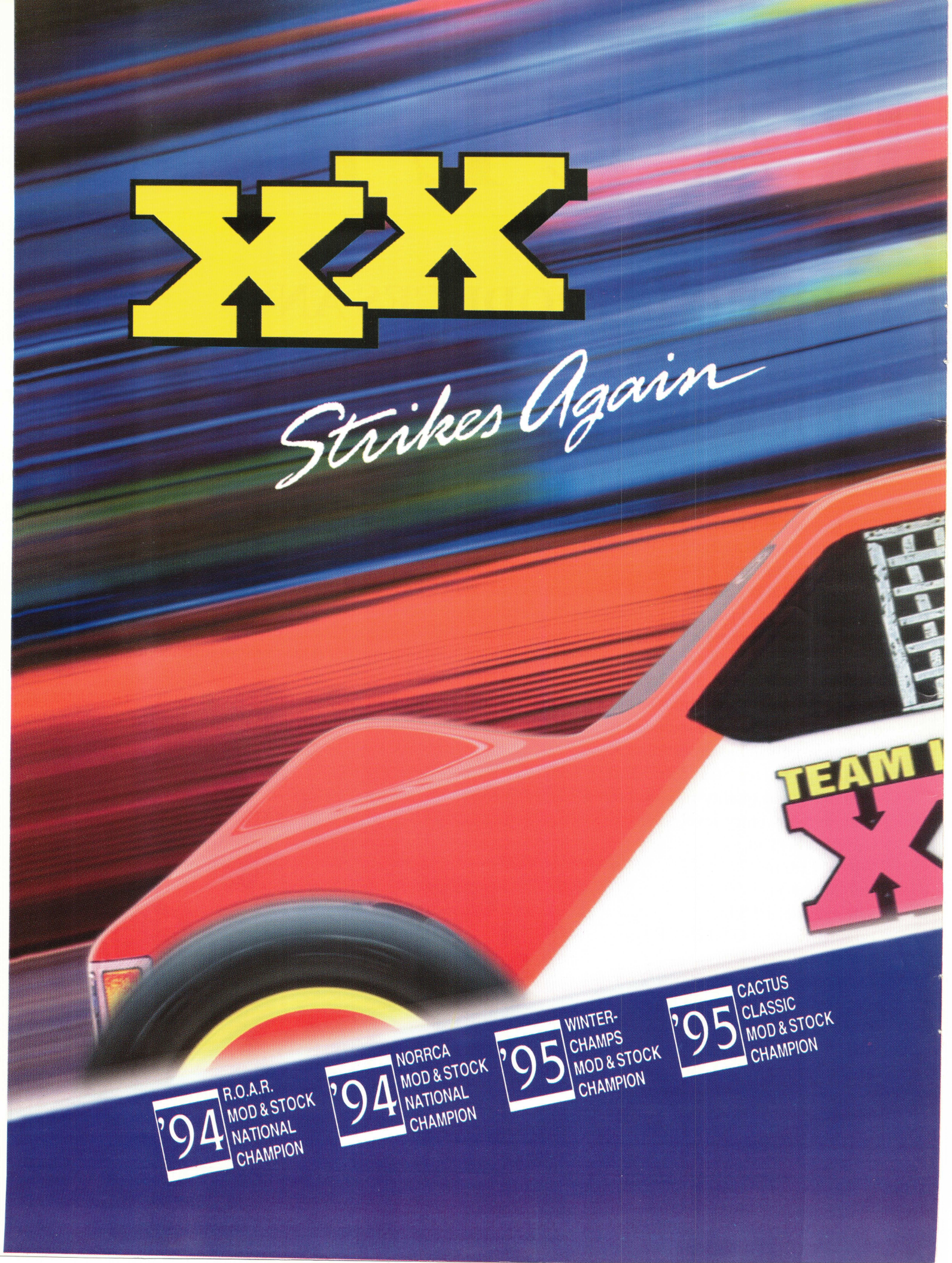
An impressive ground clearance of 1.7 inches is provided by huge, V-tread tires, while oil shocks and extra-long arms on the double-wishbone suspension deliver the dampening and reach to go just about anywhere . . . and over anything.

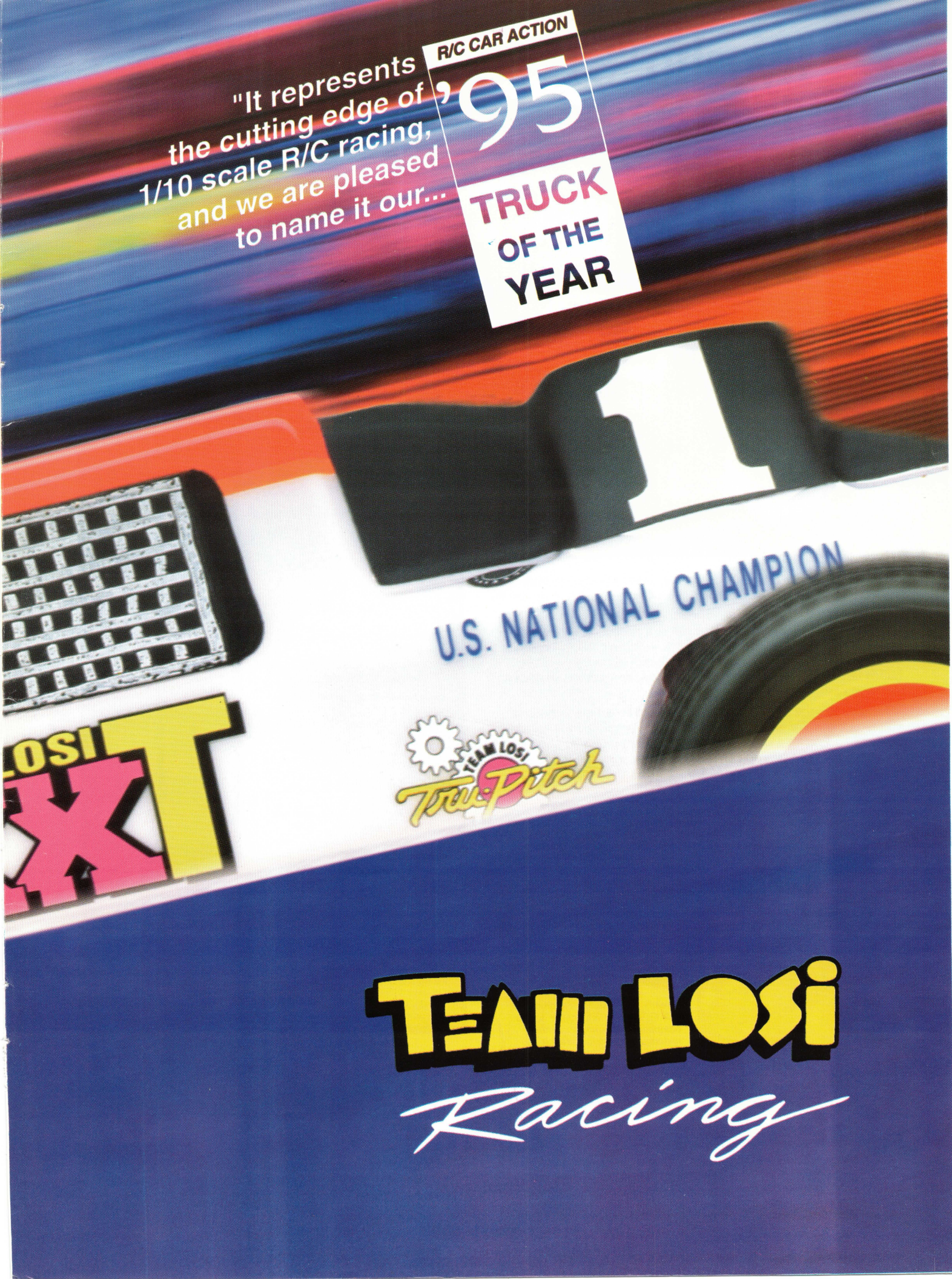
Pursuit power comes from Kyosho's new GT-12S-CR engine with easy operating recoil starter. This engine is so powerful that Kyosho included four ball bearings to the gearbox just to handle the power. The gearbox also includes an adjustable slipper clutch, providing better traction and adjustability - a quality hop-up not found on many entry-level trucks.



Length: 18.11 in.
Width: 11.6 in.
Height: 9.8 in.
Wheel Base: 10.8 in.
Engine: Kyosho GT-12S-CR w/recoil starter (included)
Requires: 2-channel radio w/2 servos, fuel, glow starter and battery
KYOC0503 Nitro Tracker - $339.99 Retail

Great Planes Model Distributors, 2904 Research Road, Champaign, IL 61826-9021, (217) 398-6300, Fax: (217) 398-0008.


XX
Strikes Again
TEAM
X
'94 R.O.A.R. MOD & STOCK NATIONAL CHAMPION
'94 NORRCA MOD & STOCK NATIONAL CHAMPION
'95 WINTER-CHAMPS MOD & STOCK CHAMPION
'95 CACTUS CLASSIC MOD & STOCK CHAMPION


"It represents the cutting edge of 1/10 scale R/C racing, and we are pleased to name it our...
R/C CAR ACTION
'95
TRUCK OF THE YEAR
U.S. NATIONAL CHAMPION
TEAM LOSI
TruPitch
TEAM LOSI
Racing

Kyosho "ST" stadium trucks.
The tickets are cheap, but the fun is front-row.



Check the scores on these 1/10 scale, 2WD Kyosho stadium trucks. Low price—"10!" Easy operation—"10!" And they rip the lid right off the ol' Fun-O-Meter.

Let's say you're new to R/C. You can still raise a ruckus with the **Outrage ST** electric. Good News Part 1, we don't make you buy a motor or speed control separately (ka-ching!). Good News Part 2, it builds fast as a bullet, for even faster racing. You get lots of dash and still save cash.

Then there's the nitro-fueled **Sandmaster ST**—an easy choice if you're pumped for gas. How easy? Try 90% prebuilt and almost ready to rock, with a snarling O.S. powerplant included and installed. Great when you can't wait to spew some fumes!

Loaded with great features!	Electric Outrage ST	Nitro Sandmaster ST
4-wheel independent double wishbone suspension	▶	▶
Oil-filled shocks	▶	▶
Heavy-duty speed control	▶	
Strong 3-gear transmission with ball bearings	▶	▶
Bellcrank steering	▶	▶
Heavy-duty drum brakes		▶
Ribbed front tires and rear mini block tires	▶	▶
Easy-access chassis layout	▶	▶
Easy pull start system on engine		▶
Factory-installed engine, gearbox and suspension parts		▶
Sealed gearbox, rear-mounted for easy gearing changes	▶	
High-capacity 75 cc fuel tank with flip-top cap and primer button		▶
Dirt-repelling deep dish wheels	▶	▶

To give you maximum mileage from your modeling buck, each truck can be tricked out for hotter performance. (And if, down the road, you Outrage ST'ers want to beef it up with nitro... Kyosho's optional Outrage Gas Conversion Kit comes with everything you need.)



Nitro-powered
SANDMASTER ST
Already installed, the Sandmaster ST's O.S. .10 FP-BX engine comes equipped with a recoil starting system. No electric starter is needed.



Electric-powered
OUTRAGE ST
Low maintenance machine with a nice, low price — includes Mabuchi 540 motor.

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

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