NORRCA Dirt Oval Nationals

August, 1997

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THE R/C CAR MAGAZINE



Losi's XX4

ROAR Off-Road Nationals



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HIGH PERFORMANCE CHARGERS

BC 110L DC Linear Peak Fast Charger

The choice for quality peak charging at a low price. Fast charges 4-8 cell batteries at 0-10 amps, automatically. With new 33 KHz digital switching circuitry for cool, safe, operation at all times. Works with almost any 12-24 Volt DC power source. Can also plug into the BC112c power supply output jack. Rugged design and small size goes anywhere. Precision electronics and calibrated current adjustment dial. Start with the right choice, BC110. FEATURES: Built in jacks allow you to monitor charging volts and amps with a separate meter. Trickle charge On/Off switch. Instant-On start button. 90 second false peak lockout. 16 gauge wires. Reliable Adaptive Sensing peak detection.



BC 5A

Similar to the BC110l, but also equiped with a new 120VAC, 6.5 amp CoolSwitch AC power supply, built in.

BC 48 Professional DC Charger

Enjoy High-Performance linear charging with digital meter display, at an affordable price. The advanced electronics deliver it's winning performance. Handles 4-8 cells at 0-8 amps current. Advanced adaptive-logic peak detection for perfect charges every time. Easy to use. FEATURES: LCD readout of Volts, Amps, Time and Peak Voltage. Three optimized charging profiles. Adjustable trickle charge. Lightweight, small size.

BC 67 Professional AC/DC Charger



The BC 67 is similar to the BC48, but also includes a built-in heavy-duty AC/DC power for convenient operation. The solid power supply provides steady, strong charge current, even with low line voltages. Charges 6 to 7 cells at 0-5 Amps, or 4 and 8 cell packs at 0-2 Amps. Powered from 12V DC or 120VAC.

NEW DIS-350 Battery Discharger/Cycler/Matcher

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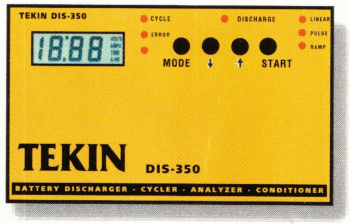
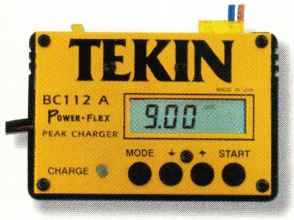
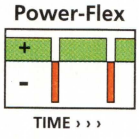


BC 112A & 112C Power-Flex Chargers

The BC 112 series are our best, most full featured chargers. Using our unique Power-Flex process, these chargers lower the internal resistance of your cells, giving more voltage and current flow under heavy loads. It's like running a 1/2 to 1 turn hotter motor, plus cells stay cooler. Power-Flex also erases cell memory, for noticeably longer run times and extended cell life up to three times. FEATURES: Adjustable Power-Flex action. Custom LCD with readout of Volts, Amps, Time, Charge Capacity, and Peak Volts. Three optimized charging profiles. 0-10 Amps Fast Charge and 0-500 Ma Trickle charge. Cool running 33KHz switching operation. Small, lightweight, and versatile enough to charge virtually any Ni-Cad battery you may own. Model 112A accepts 10-24V DC input. Model BC 112C accepts DC or ordinary 120VAC house current, and has a built-in 24 volt-10 Amp power supply. Both units now have Daisy-chain power cords, to reduce clutter, and are expandable with optional DIS350 Discharger/Cycler add-on, for cell matching and testing. 112C has an output jack so you can plug a second charger into the same power supply, to form a dual charging station. Both deliver leading edge charging performance. World Champion.





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NITRO-POWER TECHNOLOGY MEETS ON-ROAD INNOVATION

RC10 NITRO DS The most advanced, high-performance vehicle of its kind, the RC10 Nitro DS was designed to take maximum advantage of gas power, and to be versatile enough to deliver outstanding performance and handling on almost any paved surface. No matter where you race, from cul-de-sac to parking lot, the RC10 Nitro DS can hook up on almost any less-than-perfect track, leaving ordinary pan cars spinning in the dust.

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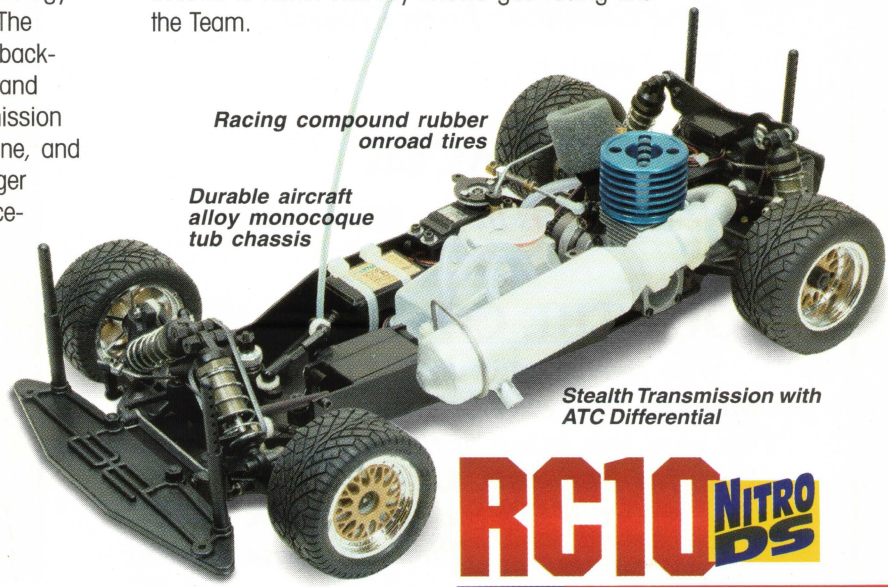
ON-ROAD INNOVATION. The RC10 Nitro DS, like its electric cousin, the RC10DS, delivers everything you need to conquer the asphalt: fully-adjustable four-wheel independent suspension featuring alloy-bodied, oil-filled racing shocks, front and rear anti-roll bars, composite suspension components, semi-pneumatic treaded racing compound tires on realistic BBS-style wheels, and your choice of body styles, CamaroTrans-Am, BMW Touring Car, or SuperTruck.

HIGH PERFORMANCE, LOW COST. The full-featured Racer kit comes with ball bearings, hard-coated shocks and universal drive shafts, ready for the body of your choice. And just because Team Associated understands the need for speed on a budget, the RC10 Nitro DS is also available as a Sport kit with oil-lite bushings, Lexan® body, and adapters for a pull-start motor. Either way, you get the benefit of Team Associated's 25 years of experience, including winning two IFMAR Gas World Championships, and the quality of construction, hardware and materials that are second to none. Nobody knows gas racing like the Team.

IFMAR WORLD CHAMPIONSHIPS 15 TEAM ASSOCIATED



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ABOUT THE COVER

Who needs wings to fly? On second thought, they may help on the landings! This shot was taken at the ROAR Off-Road Modified Nationals. Look for a complete report of this race on page 26.
Photo by Gene Husting

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Entry Fees: $45.00. Mail entry and check to Real RC Raceway, 24204 E. St. Rt. 58, Pleasant Hill, MO 64080 Phone # 816-540-5584 or 816-358-0238.

Hotel Info: Best Western in Lee's Summit 816-525-1400. Comfort Inn 816-524-8181. Best Western in Harrisonville 816-884-3200

Schedule: 17th open practice7:30 - midnight, 18th controlled practice 7:30 - midnight , 3 qualifiers on 19th & 1 on 20th, Mains to follow 4th qualifier. Qualifiers will be 7 minutes. "A" main will be 45 minutes, "B" will be 15 and "C" or lower will be 7. Final check-in closes 8:00 pm on the 19th. RACING STARTS AT 7:30 PM

PRE-ENTRIES CLOSE SEPTEMBER 8TH, NO PHONE OR FAX ENTRIES!

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Finish The Lap You're On!

Guest Editorial By John Elliot

What Happened to 1/12th Scale?

When I entered R/C racing, 1/12th scale was the top electric class. There were no 1/10th scale pan cars, no touring cars and no Formula 1 cars. You raced 1/12th electric, 1/8th gas, or 1/10th buggies, off-road or converted to on-road. I went to the ROAR Nationals in Detroit, Michigan and qualified in the J main. I was very happy because I was in the top half of the field. At this year's ROAR Nationals in Georgia there were only 14 Stock entries! What happened?! I believe there are three main reasons why there has been a decline in 1/12th racing. They are:

#1 - BATTERY WARS! At every 1/12th race I attended the main topic in the pits was "unobtainable killer batteries!" I went through a period of spending a fortune on Sanyo SCE1700s, matched SCE1700s, Panasonic SP1700s, Max Cell Panasonic SP1700s, Sanyo RC1700s, Sanyo RC1700SP, Stage III Sanyo RC1700SPs, Team Orion V RC1700SPs and finally I saw the new SANYO 2000s at the Chicago Hobby Show last November and I said STOP! I realize that killer batteries don't win races, drivers do, but I think the feeling that you need new expensive batteries every few weeks has almost destroyed 1/12th scale racing! (Note: Orion's web page has announced a NEW Sanyo High Voltage 1700 cell for Stock Racing! Here we go again!)

#2 - BODIES! One thing that has remained almost the same since I started is the 1/12th body. I started with a TOJ and then GTP. No GTP bodies have been raced for years in full size racing. The WSC (TOJ?) cars raced around the world can probably be counted at less than 25, world wide! The interest in road racing in sports cars are the new Porsche, McLaren, Mercedes, Lotus, etc, and touring cars such as BMW, Audi, Honda Accord, Volvo, etc. Listen up! 1/12th scale cars are using Jurassic bodies! The cheapest way to change an R/C car is to put on a new body! ROAR and IFMAR need to update their rules! Modified should run GT bodies and Stock should run scale touring car bodies! We need Protoform or some other company to get the ball rolling! How about it Dale?

#3 - TOO MANY CLASSES! ROAR has so many National Champions that I bet they can't even name them! The racing has become to fragmented!

SOLUTIONS?

At Honda House Motor Speedway we have taken steps to increase 1/12th scale racing! First, we have a restricted battery rule. Our racers use Trinity Sanyo Street Spec Cells. Second, we have dumped the old bodies and now use NASCAR Style car or truck bodies. Third, we have canceled over 50% of our classes. The results - increased entries, increased competition and increased FUN!

Recommendations: ROAR should update the Stock class - restricted batteries/ touring car bodies. And for the Modified class use GT bodies!

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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ON TRAX 2nd Annual N.J. Oval Championships

It was over an hour late before racing was started as mother nature was cooperating at the ON TRAX Superspeedway which held the NJ Oval Championship Race sponsored by BSR, Parma/PSE, Robinson Racing, Kimbrough and Integy Technologies. But by day's end three rounds of qualifying were held and the mains were run.

In round one BSR sponsored Ricky Loesch wasted no time setting a new track record for the newly created 19t single class, doing 37 laps in 4:01.82. The recently created class uses a modified motor with a 19t armature which is tagged to make them easy to identify and tech. The class uses adjustable timing up to 24 degrees which helps reduce wear and extends the motor's useful life. This class reduces cost by allowing one to use most batteries without fear of dumping, it is less abusive then open modified and unlike stock does not require one to buy a couple of motors to get that one that seems just above the rest. In round two Jeff Cuffs turned in a superb run of 37 in 4:05.38 but was unable to match Ricky's run. During round three, undesirable weather conditions offered no contest to early round runs.

In the main it was Jeff Cuffs from the two spot jumping out in front of Ricky Loesch. On lap two Jeff was in front followed closely by Ricky and "Smokin" Joe Marchese. Then on lap three Ricky lost control coming out of turn one putting him out of contention. From here on out Jeff ran a clean race wire to wire to finish with a 37 in 4:05.34. Finishing second was Jim Mc Curdy and third Joe Marchese.

In the Stock Class the top three at the end of the day's activities were Paul Whipple in first followed by Louis DiGirolamo and Keith LaRocca. In Street Spec where capped tires and a 31 tooth pinion are allowed it was new comer Jason York in first followed by Adam Braman second and Louis DiGirolamo in third. In Modified A was Ricky Loesch finishing on top followed by Joey DiGirolamo and Brian Carey.

Grainger Does Well At Euro Champs

A heartfelt congratulations from everyone at Parma/PSE goes out to Chris Grainger of Lesro Models/Infinity Racing - England.

Chris finished a very respectable 7th place while racing in the 1/10 On Road Euro Champs in Germany. Chris was piloting the newest road course prototype of the PSE Phaze 1 Car.

PIT BOARD

The oval version of the Phaze 1 continues to shock racers around the world with its incredible cornering speed and absolute top notch quality components and now with Mr. Grainger's invaluable help and the dedication of Parma/PSE Chief C.A.D. designer, Brad Hayes, PSE will produce a world class road course car.

Keep up the good work Chris and Brad and thanks to Lesro Models/ Infinity Racing for their continued support.

"SHAKIN' THE GROUND IN SO-CAL"

Frank Killam (Killam Racing) and Derek Povah were "shakin" the ground at the NORRCA Encino Velodrome the weekend of July 13th.

Frank TQ'd Factory Modified, Derek qualified second and putting the proverbial "icing on the cake" was Frank setting a new track record!

Both of these PSE Team drivers were running a highly modified version of the PSE Phaze 1 Oval Car which Killam Racing, with the invaluable assistance of Tom Bolin, has developed a top secret front suspension that smooths out the less than perfect surface of the legendary Encino Velodrome.

When you add up Killam, Povah, PSE Phaze 1 and the incredible record setting PSE V.0. Monte Carlo (#99039) body - THE ANSWER IS VICTORY!

"This class reduces cost by allowing one to use most batteries without fear of dumping, it is less abusive then open modified and unlike stock does not require one to buy . . ."

Phaze 1

1/10 Oval Car
#96105



The first car released by PSE is shocking the racing world with a trully original design and top quality components - you don't need to spend a ton of money upgrading the Phaze 1 chassis!

- 100% Space Grade Graphite Chassis, Battery Brace, Cross Brace, Pivot Brace Top & Bottom Pod Plate
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- Wolfe Progressive Front Springs & King Pins
- Complete Triple Shocks & Springs
- Associated Dynamic Front Suspension
- Complete Ball Bearing Set
- Body Posts • PSE Phaze 1 Vinyl Decals
- PSE Rocket Sprocket Spur Gear (120T 64P)



1/10 PSE Monte Carlo V.O.
.030 Narrow Clear Body w/Spoiler ***#99039***

THE RACE: NORRCA Velodrome, Dominguez Hills, California
THE BODY: New PSE Monte Carlo V.O.
THE CHASSIS: PSE Phaze 1 (Prototype)
THE WINNERS: Frank Killam - **FACTORY MODIFIED** - T.Q. & New Track Record
Derrick Povah - **ENDURO** - T.Q. & New Track Record. **Thanks Guys!**

1/10 PSE Rocket Sprockets



New Spur Gear Sizes

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117 Tooth 64 Pitch ***#91117***
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1997 R.O.A.R ON-ROAD NATIONAL CHAMPIONSHIPS

SOUTH-WEST FLORIDA R/C RACEWAY

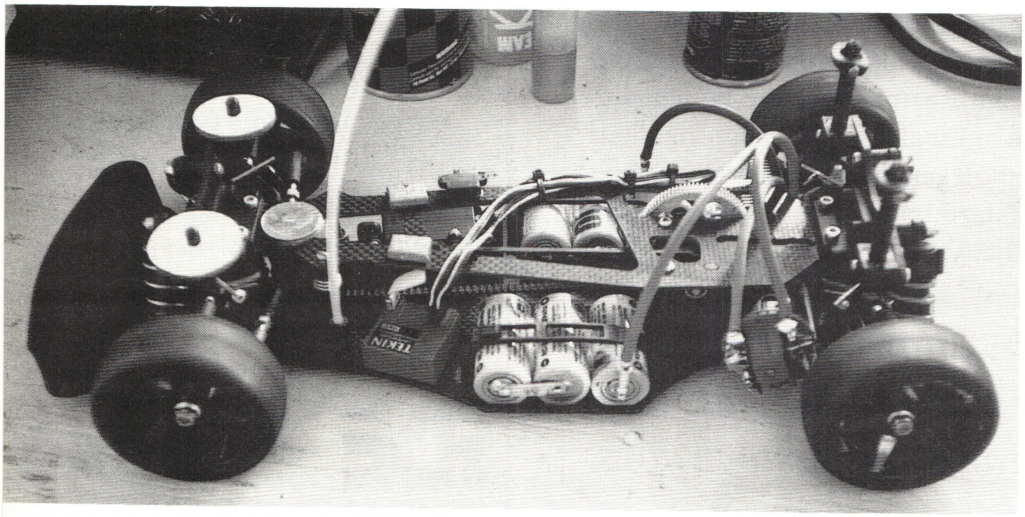
Congratulations to Dave Franklin, an unsponsored driver, who won using a completely standard SST2000 car, except for the addition of carbon fibre chassis parts, and the new front bumper.

4WD SEDAN
STOCK CLASS

1st - David Franklin	Schumacher SST2000
2nd - Bill Hagen	Yokomo YR4
3rd - Jerod Scott	Schumacher SST2000
4th - Rudy Rodriguez	Yokomo YR4
5th - Arthur Tsui	Yokomo YR4
6th - Joe Barbera	Schumacher SST2000
7th - Joey Lundbergh	HPI RS4
8th - Tony Padilla	Schumacher SST2000
9th - Niki Kwong	Yokomo YR4
10th - David Hatcher	Tamiya TA03

4WD SEDAN
MODIFIED CLASS

1st - David Jun	Tamiya TA03
2nd - Joel Johnson	Losi
3rd - Chris Tosolini	Yokomo YR4
4th - J.R. Mitch	Schumacher SST2000
5th - Barry Baker	Yokomo YR4
6th - Paul Wynn	Schumacher SST2000
7th - Jack Johnson	Losi
8th - Scott Emst	Tamiya TA03
9th - Ron Rossetti	Losi
10th - Rob Michael	Schumacher SST2000



The 1997 ROAR American national champion in 4WD stock class, Dave Franklin's Schumacher SST2000.

PIT BOARD

Reedy NORRCA Truck Race of Champions

Western R/C Track, Las Vegas - This event is for Electric and Gas trucks, and because of the popularity of trucks, this annual event grew this year, with over 50 racers participating. The weather cooperated, and everyone had a great time.



Richard Saxton (center) TQ'd and won the Gas Invitational Class by a lap over Austin Dvorak (right) with Mark Pavidis taking 3rd. RC10GT gas trucks were used by all 3 drivers, who also used ProLine Tires, OS Max engines, and O'Donnell fuel.



Mark Pavidis (center) won the electric Invitational Class, with Richard Saxton (left) finishing in a close 2nd place, while Top Qualifier Scott Hughes took 3rd. All three drivers used Reedy Modifieds and Reedy/ Orion batteries in their RC10T2 Trucks, with ProLine Tires.

PIT BOARD

New 12th Scale Series Announced! '97-'98 SCAR Canadian Triple Crown!

The Triple Crown Cup and Street Spec car for Honda House in Ontario, Canada.



SCAR STANDS FOR Spec battery Class Auto Racing! The Battery War is over! Chatham - Honda House Motor Speedway owner John Elliot has announced a new 12th Scale 4 Cell Series to be called the 97-98 SCAR! Canadian Triple Crown. The new series will see a return to the Glory Days which featured great 12th Scale Races such as full capacity Cleveland and Trinity Sportsman Cup Races where racers felt that they had a chance to win. You see, the SCAR! Triple Crown is restricted to Trinity Street Spec Batteries and Handout Stock Motors! Forget your High Buck Mega Cells and concentrate on your DRIVING!

Also each 2 day event will

PIT BOARD

have Oval Racing on Saturday and Road Racing on Sunday! Points will be totaled from your results from both races! The Triple Crown Champion will have to perform well in 3 Oval Mains AND 3 Road Course Mains! There is one class only! No Modifieds, just hot running stockers!

The SCAR! Cars also run NASCAR style Car or Truck Bodies, not out of date IMSA GTPs that have not raced for years.

Honda House Motor Speedway has been running for 5 years. The indoor track is located on the second floor of Honda House, a Honda Car Dealership that has been in operation for over two decades. The track features ozite carpet, AMB system with auto score, comfortable spacious pit area and a fully stocked hobby shop, the RACE SHED! The Speedway held the Canadian Legend Nationals, the Canadian Grand Prix Formula Nationals as well as the Canadian Indoor Touring Car Nationals. Honda House is in Chatham Ontario, just off Highway 401, less than an hour drive from Detroit.

With inexpensive Trinity Spec Batteries, Triple Crown dates and information 6 MONTHS before Round #1 and race result press kits - The GOOD OLD DAYS ARE BACK - with the 1997-1998 SCAR! Canadian Triple Crown.

All three SCAR! Canadian Triple Crown races will be held in Chatham, Ontario at Honda House Motor Speedway. Saturday will see Oval qualifying and mains. Three rounds of 2 cars per heat qualifying with re-sorts should ensure no excuse performances. The mains will be run on Saturday afternoon. The road course will be set up immediately after the Oval mains for some Saturday evening practice. Sunday will have three rounds of 4 car per heat qualifying with re-sorts: with the mains right after the qualifiers. The points results will be given during the trophy presentation so all racers will know their position in the Triple Crown Series before they leave. Pictures will be taken for the race result press kits which will be sent out the next day.

This Championship is unique, not only because of the restricted battery and Nascar style bodies, but because the overall points are based on Oval and Road Racing performance, as well as a total of six race results! It should be very interesting to see who will claim the title.

97-98 SCAR! Canadian Triple Crown
SUPPORT SERIES:
97-98 STREET SPEC Canadian Triple Crown

Chatham - Honda House Motor Speedway announced today that they will be running the '97-'98

AUTOSCORE
The Ultimate Scoring and Race Management Software
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STREET SPEC Canadian Triple Crown along with the 12th Scale SCAR! Crown. This is a great tie in as both classes use Trinity Street Spec Sanyo Batteries! On Saturday there will be three rounds of 2 cars per heat qualifying with resorts. Following qualifying will be the 4 minute Oval Mains. On Sunday there will be 2 rounds of 4 car per heat qualifying with re-sorts. Sunday Oval Mains will be 100 lap races! The points from both races will be totaled. Triple Crown points results will be handed out during the trophy presentation. The '97-'98 STREET SPEC Canadian Triple Crown winner will be based on the total of six main results, three 4 minute Oval Mains and three 100 Lap Oval Mains.

The Triple Crown trophies, which are now on display in the RACE SHED hobby shop. These Silver Plated Cups will be treasured by the Champion for years to come.

'97-'98 CANADIAN TRIPLE CROWN DATES:
Round #1
November 15 - 16, 1997
Round #2
January 17 - 18, 1997
Round #3
March 21 - 22, 1997

Pre-register by phone 1-800-265-0511 for more information and entry pack!

CANADIAN TRIPLE CROWN CONCOURS!

There will be a Concours Competition for both 12th Scale SCAR! and 10th Scale Street Spec on the Saturday just before qualifying starts. A Trophy for each class will be awarded and pictures taken to be included in our Press Release. The winning Cars should have paint jobs that show up well in pictures and be visible on the track. Murals are for 1970 Van Shows!

SCAR! Canadian Triple Crown Manfacturers' Cup!

Chatham - John Elliot announced today that there will be a Manufacturers' Cup Points Championship for the 97-98 SCAR! Canadian Triple Crown! Points will be awarded to Associated, Bolink, Calandra, Corally, Trinity and Woods at each Triple Crown Race. Each Manufacturer will be sent the points standings after each round and a Silver Plated Cup will be sent to the winner after the series final in March. With the Series restricted to Handout Motors and Trinity Spec Batteries and based on Oval and Road Racing we will see who has the bragging rights to the BEST CAR should be interesting. The result sheets in the press kits will also list equipment (body, tires, radio, speed control, servo) which gives better information to readers.

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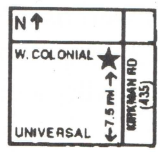

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PIT BOARD

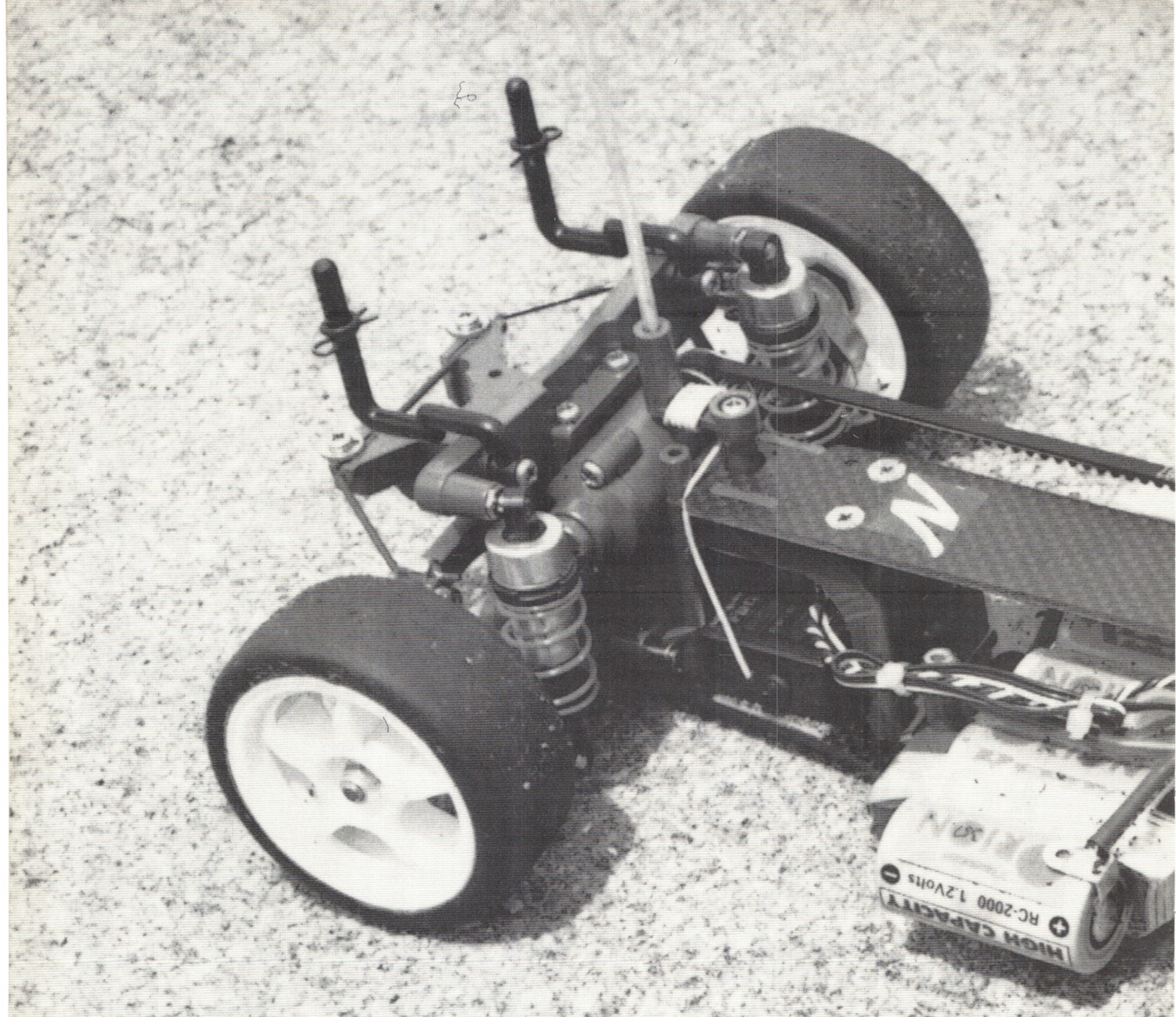
TEAM ASSOCIATED RUNS AWAY WITH THE 1997 ROAR GAS TRUCK NATIONALS



Baltimore, Maryland - The cheering race fans at JR's Raceplace watched the Dynamic Duo Mark Pavidis (L) and Richard Saxton (R) do it again. When it comes to winning gas truck races, these two are almost unbeatable.

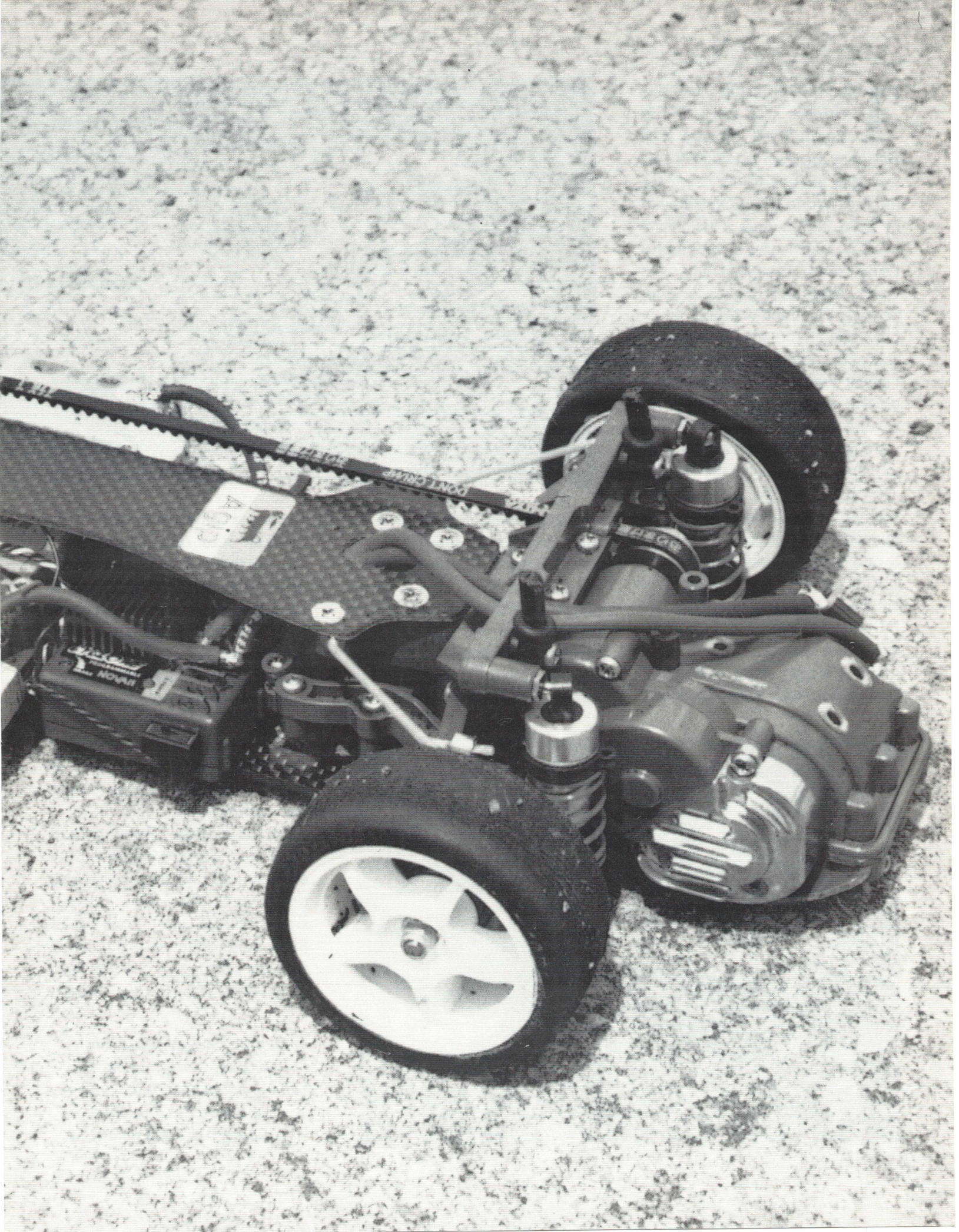
With two NORRCA Gas Truck World Cup trophies on his shelf, Mark Pavidis TQ'd and won the 1997 ROAR Gas Truck Nats, while Richard qualified 2nd and finished 3rd. Their winning Associated RC10GT gas trucks were powered through the finish line by the winning combination of an OS Max engine using O'Donnell fuel as Pro-Line tires ate up the course.

They were not alone in planting Associated RC10GT's in the coveted lineup. No less than seven RC10GT's placed in the A Main!



1997 ROAR ON ROAD NATIONALS

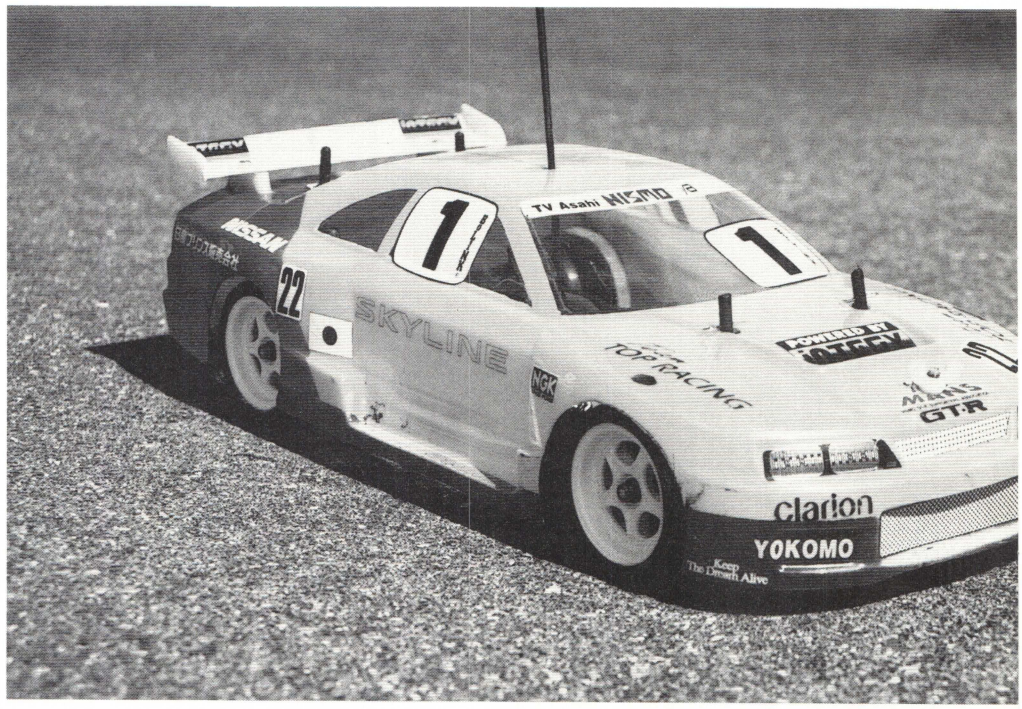
BY MIKE HASWELL

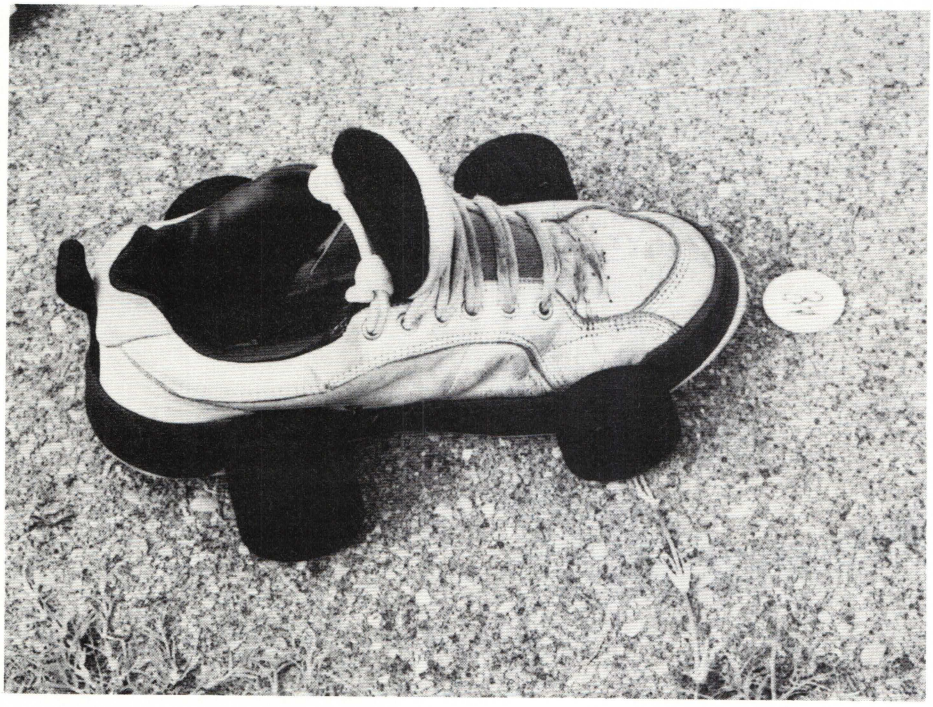


The 1997 Roar On-Road Nationals was held at the South West Florida R/C Raceway in Naples, Florida and was also the qualifying event for the 1998 World Championships to be held in England. This year's event was sponsored by the Naples Daily News, Tamiya, Composite Craft, Xipp and Irrgang Racing Service. The track was laid out on the parking lot, on the opposite side of the drivers' stand to the permanent banked oval track, using plastic piping and even going around some palm trees! There were around 150 cars spread over the six classes - with the biggest entry in the Sedans. Some drivers were going for the iron-man award by racing in all three classes. Mike Swauger, the world champion in 1/10th, and a couple of other drivers had come straight from the IFMAR 1/8th Gas World Championships in Mexico.

IFMAR type starts were being used, along with round-by-round qualifying which came as a big surprise to some of the drivers who hadn't known anything about it prior to the event. This is something that ROAR is experimenting with this year and although three out of the four rounds are supposed to count, it was decided by a drivers' vote only to count two. There was some confusion as to how this worked and one would have thought that it wouldn't have been difficult to put an explanation of the system up on the results board as well as an example. It was surprising that for a major championship the frequencies were left on published heat sheets. The ROAR rules did seem to be a bit of a touchy subject with their President and the interpretation of some of them did seem to change during the weekend.

On the car front, Team Losi had six of their Street Weapon touring cars entered and they performed really well. They have a provisional release date of the 1st of September. The only downside with the Losi is that you will have to use their wheels as they are us-





Opposite page: David Jun's winning Tamiya chassis. Left: Some people took concours too seriously. Top: Rudy Rodriguez's TQ sedan.

ing a different offset, larger diameter axles and a different hex fitting. The Losi drivers also found that their treaded tire was working better than their slicks. Jaco/Proline also had some Sedan slicks (Part No.1067) out which will be available shortly in three compounds-white, yellow and green, and most likely will come already mounted on wheels. Jurgen Lautenbach of LRP was also on hand and he had one of his new Micro-Chargers which is aimed at the entry-level market. Tyree Phillips of Novak had one of their Pit Wizards for the Cyclone with him and this is due for release in the near future.

Qualifying

Qualifying was split over two days with two rounds on Friday and then the heats were re-seeded for the last two rounds on Saturday. In 12th Stock it was Mike McMahon with his Woods Typhoon who was quickest in rounds 1, 2 and 3 to take the pole position as well as being fastest overall. Jared Scott was next up with a TQ and a second and Vicky Carrubba was third thanks to a pair of seconds. In 12th modified Mike Blackstock and Paul Wynn both had a TQ each on Friday with Joel Johnson in danger of not making the main event unless he got it together for Saturday's qualifying. Cometh the hour, cometh the magic man, on Saturday Joel rolled off two TQ runs and the fastest two times to take the top spot from Mike Swauger and Paul Wynn, both with two seconds. Down in seventh was Mike Blackstock, the second fastest car, who had not been in the A main until an eighth place in the last round and that had been with a stop to fix the body. In 10th Stock it was Jared Scott who took top spot with his Associated thanks to a pair of TQ's. Joe Barbera (TQ+3rd) was in second and Sean Cooper, the fastest qualifier, had to settle for third on the grid. Unlucky was Vicky Carrubba, who had a TQ run in round three taken away after her car had lost its weight and this made quite a big difference on her grid position, dropping her drop fourth to eighth. In 10th Modified it was Joel who had a perfect score

The drivers in the 1/12th scale A Main. As you can see the view from the drivers' stand was excellent.



ROAR On-Road Nationals
1/12th Stock

DRIVER	TEAM	CAR	NICADS	MOTOR	SPEED CONTROL-LER	FRONT TIRE	REAR TIRE	RADIO	SERVO	GEARING MPR	BODY	QUALIFY	MAINS
Mike McMahon	Novak New Wave Woods	Woods Typhoon	New Wave 2000	Handout Reedy Firehawk	Novak Cyclone	Jaco Purple	Jaco Pink	KO EX-10	JR 3025	25/98 39.26	Protoform Nissan	1	1 4,1,1
Jared Scott	LRP XIPP	Assoc 12LC	XIPP 2000	Handout Reedy Firehawk	LRP IPC	Jaco Purple	Jaco Pink	Airtronics 3PS Caliber	Airtronics 94145	25/100 37.9	Protoform Nissan	2	2 3,2,2
Vicky Carrubba	Assoc,Novak PowerPush,TRC Paragon,Bolink	Assoc 12LC	Power Push 2000	Handout Reedy Firehawk	Novak Cyclone	TRC Purple	TRC Pink	Airtronics 3PS Caliber	JR 3025	27/95 41.05	Assoc Nissan	3	6 5,NS,4
Sean Cooper		Assoc 12LW	Perfect Match 2000	Handout Reedy Firehawk	LRP IPC	Jaco Purple	Jaco Pink	Airtronics CS2P	Futaba 9601	29/96 43.39	Assoc Nissan	4	7 10,3,7
Tony Carrigg	Assoc,Reedy LRP,Kimbro	Assoc 12LC	B&T 2000	Handout Reedy Firehawk	LRP IPC	TRC T-1	TRC Pink	Futaba PCM	Futaba 9601	21/75 42.28	Assoc Nissan	5	3 1,5,3
Mike Spehn	Superior Hobbies	Assoc 12LW	Orion VMax 2000	Handout Reedy Firehawk	Novak Cyclone	PSE Silver Star	PSE Silver Star	Airtronics CS2P	Airtronics 94143	27/100 40.94	Protoform Nissan	6	4 2,6,6
T.J. Bradley	Speed Merchant CRC,Cyprist Pro Speedway	Speed Merchant CRC	Cyprist 2000	Handout Reedy Firehawk	LRP IPC	Jaco Purple	Jaco Pink	Futaba Magnum FM	Futaba 9601	30/104 43.96	Protoform Nissan	7	5 7,4,5
Joe Conte	TRC,Miguel Howard,Tom Crowe	Assoc 12LC	Powertron 2000	Handout Reedy Firehawk	LRP IPC	TRC Purple	TRC T-2	KO EX-1	Futaba 9601	30/100 44.28	Hot Bodies Nissan	8	8 6,7,8
Ritch Grubb	Joe&Miguel	Assoc 12LW	Powertron 2000	Handout Reedy Firehawk	LRP IPC	TRC Purple	TRC T-2	Futaba Magnum	Futaba 9601	29/100 45.58	Hot Bodies Nissan	9	10 10,9,9
Rodney Bustos		Assoc 12LC	Rossi 2000	Handout Reedy Firehawk	LRP IPC	TRC Purple	TRC Pink	KO Precious	JR 3025	26/98 40.22	Protoform Nissan	10	9 8,8,10

with TQ's in all four rounds, improving his time each round as well. Mike Swauger and Paul Wynn tied on points again with Mike getting the nod for second on the grid. In Sedan Stock we had the rather odd situation of a three-way tie for pole position, with Rudy Rodriguez, Bill Hagen and Jared Scott all with a TQ and a second. Although Bill was fastest, it was Rudy who took pole from Bill and Jared. In Sedan Modified it was Barry Baker who came through with two TQ's on Saturday to take top spot from Joel Johnson and the fastest qualifier, David Jun. Overall on the round-by-round versus fastest qualifying, apart from the grid order, there were four drivers who didn't make the A because of the round-by-round system, although it was ironic that one of them lost out in 10th but made it instead in 12th. A majority of the drivers preferred the old style of qualifying to the new method.

MAINS

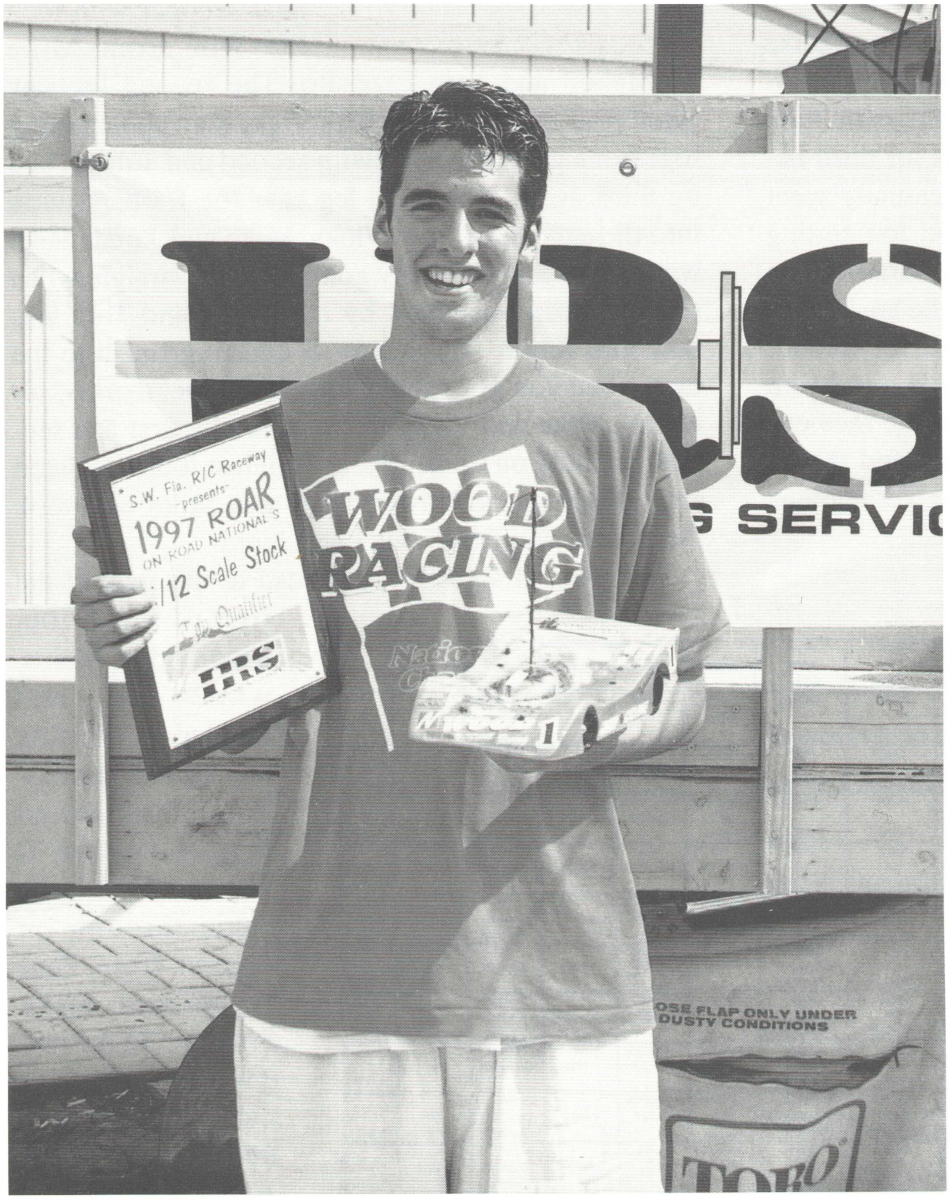
Triple A Mains were being run with the best two finishing positions to count. After another overnight thunderstorm, quite a few drivers went battling with loose cars in the early mains. The first of the 12th Stock A Mains saw a win for Tony Carrigg from Mike Spehn and Jared Scott. The second leg saw Mike McMahon win from Jared Scott and Sean Cooper. The third main also went to Mike from Jared with Tony in third which was also how the overall results turned out. The first of the 12th Modified A Mains saw Joel jump straight into the lead from pole position with Jacob Pritchard slotting in behind him and Paul Wynn in third. Mike Blackstock was the man on a mission and was soon up with Paul, Josh Cyrul wasn't that far away in fifth. Then with just over a minute to go, Joel's car rolled to a halt with a blown speedo, this put Jacob in the lead. With about thirty seconds to go Jacob started to slow and the rest closed in and passed him. In an incident packed last lap it was Mike

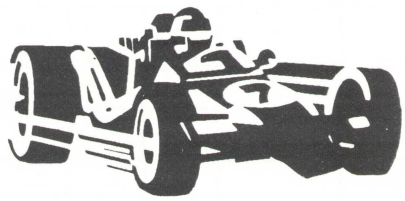
ROAR On-Road Nationals
1/12th Modified

DRIVER	TEAM	CAR	NICADS	MOTOR	SPEED CONTROL-LER	FRONT TIRE	REAR TIRE	RADIO	SERVO	GEARING MPR	BODY	QUALIFY	MAINS
Joel Johnson	Trinity,Jaco Protoform,M-Troniks Airtronics	Trinity Revolver	Trinty Vis-Extra 2000	Trinity 14 Dbl	M-Troniks/ Novak	Jaco Purple	Jaco Pink	Airtronics Caliber 3PS	Airtronics 94145	25/105 36.85	Protoform Nissan	1	1 9,1,1
Mike Swauger	Assoc,Reedy,Jaco Orion,Airtronics,LRP Paris,Andy's,ProShot	Assoc 12LC	Reedy Orion 2000	Reedy 14 Triple	LRP IPC	Jaco Purple	Jaco Pink	Airtronics Caliber 3PS	Airtronics 94145	23/100 36.71	Andy's Mercedes	2	5 4,10,5
Paul Wynn	Assoc,Reedy,Jaco Xipp,Airtronics,LRP Protoform,RCPS,	Assoc 12LC	Xipp 2000	Reedy 14 Quad	LRP IPC	Jaco Purple	Jaco Pink	Airtronics Caliber 3PS	Airtronics 94143	24/100 37.34	Protoform Nissan	3	4 3,4,4
Jon Orr	Assoc,Reedy,Jaco Racetech,Novak Airtronics	Assoc 12LC	Reedy Orion 2000	Reedy 14 Quin	Novak Cyclone	Jaco Purple	Jaco Pink	Airtronics Caliber 3PS	Airtronics 94145	25/98 40.07	Protoform Nissan	4	6 10,7,3
Josh Cyrul	Assoc,Reedy,Jaco Stage III,Futaba,LRP Protoform,Proline	Assoc 12LC	Reedy Orion 2000	Reedy 14 Triple	LRP IPC	Jaco Purple	Jaco Pink	Futaba 3PJ	JR 3025	25/100 39.1	Protoform Nissan	5	3 2,3,10
Jacob Pritchard	Racetech,Jaco,LRP Speed Merchant,CRC	Assoc 12LC	Racetech Velocity 2000	Racetech 15 Quin	LRP IPC	Jaco Purple	Jaco Pink	Futaba 1024 PCM	JR 3025	25/100 38.9	Protoform Nissan	6	9 6,NS,7
Mike Blackstock	Trinity,Tekin,Jaco	Trinity Revolver	Trinty Vis-Extra 2000	Trinity 14 Dbl	Tekin G12c III	Jaco Purple	Jaco Pink	JR R-756	JR 3025	25/105 36.1	Protoform Nissan	7	2 1,2,2
Jeff Brown	Fantom,Racetech, Perfect Match,Novak CRC, paragon,Jaco	Assoc 12LC	Perfect match 2000	Fantom 14 Quad	Novak Cyclone	Jaco Purple	Jaco Pink	JR R-756	JR 3025	24/100 36.39	Protoform Nissan	8	7 7,5,6
Terry Rott	East Coast,Assoc Powertron,Novak,TRC Kimbrough,Bolink	Assoc 12LC	Powertron 2000	East Coast 15 Dbl	Novak Cyclone	TRC Pink	TRC Pink	Futaba 3PJ	JR 3025	25/100 37.9	Protoform Nissan	9	10 8,6,8
Walter Henderson	Assoc,Reedy,Jaco Stage III,Novak,RRP Racetech,Protoform	Assoc 12LC	Stage III 2000	Reedy 13 Quad	Novak Cyclone	Jaco Purple	Jaco Pink	Airtronics Caliber 3PS	JR 3025	22/100 33.71	Protoform Nissan	10	9 5,8,9

"IFMAR type starts were being used, along with round-by-round qualifying which came as a big surprise to some of the drivers who hadn't known anything about it prior to the event."

The TQ in 1/12th was Mike McMahon.





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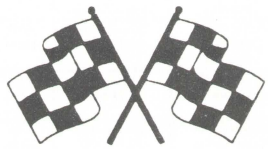

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ROAR ON-ROAD NATIONALS

1/10TH STOCK

DRIVER	TEAM	CAR	NICADS	MOTOR	SPEED CONTROL-LER	FRONT TIRE	REAR TIRE	RADIO	SERVO	GEARING MPR	BODY	QUALIFY	MAINS
Jared Scott	LRP XIPP	Assoc 10L2	XIPP 2000	Handout Reedy Firehawk	LRP IPC	Jaco Pink	Jaco Pink	Airtronics 3PS Caliber	Airtronics 94157	27/116 42.72	Protoform Nissan	1	3 NS,1,4
Joe Barbera	LRP	Assoc 10LS	B&T 2000	Handout Reedy Firehawk	LRP IPC	Jaco Purple	Jaco Pink	Airtronics 3PS Caliber	Airtronics 94737	27/115 43.09	Protoform Nissan	2	7 7,NS,3
Sean Cooper		Assoc 10LS	Perfect Match 2000	Handout Reedy Firehawk	LRP IPC	Jaco Purple	Jaco Pink	Airtronics CS2P	Airtronics 94151	28/112 45.88	PSE Mazda	3	5 1,9,7
Mike McMahon	Novak New Wave Woods	Woods Hurricane	New Wave 2000	Handout Reedy Firehawk	Novak Cyclone	Jaco Pink	Jaco Pink	KO EX-10	JR 4735	27/116 41.68	Protoform Nissan	4	1 2,4,1
Tony Padilla	TRC,Xipp Baird Racing Motors	Assoc 10L2	Xipp 2000	Handout Reedy Firehawk	Novak Cyclone	TRC Purple	TRC Pink	Airtronics 3PS Caliber	Airtronics 94157	27/115 43.09	Protoform Nissan	5	10 8,8,8
Tom Esposito	Trinity,TRC,JR Leisure Hours Hobbies	Trinity Switch Blade	Trinity Vis-Extra 2000	Handout Reedy Firehawk	Tekin 12c	TRC Purple	TRC Aqua	JR R756	KO 1002	30/120 46.88	Protoform Nissan	6	4 3,3,5
Nick Tomlinson	Xipp	Assoc 10LS	Xipp 2000	Handout Reedy Firehawk	Tekin G9	Jaco Purple	Jaco Pink	Futaba Magnum	Futaba 132H	28/112 46.28	PSE Mazda	7	8 5,6,10
Vicky Carrubba	Assoc,Novak PowerPush,TRC Paragon,Bolink	Assoc 10L2	Power Push 2000	Handout Reedy Firehawk	Novak Cyclone	TRC Pink	TRC Pink	Airtronics 3PS Caliber	JR 4735	27/115 42.15	Protoform Nissan	8	2 NS,2,2
Jeff Flassig	RC Tiki God	Assoc 10L2	World Class 2000	Handout Reedy Firehawk	Novak Cyclone	Jaco Purple	Jaco Pink	Futaba 3PJ	Airtronics 94157	28/115 42.74	PSE Mazda	9	6 4,5,6
Joe Conte	TRC,Miguel Howard,Tom Crowe	Assoc 10L2	Powertron 2000	Handout Reedy Firehawk	Tekin 411G2	TRC Purple	TRC Pink	KO EX-1	Futaba 9601	26/112 41.86	Protoform Nissan	10	9 6,7,9

Blackstock who took the win from Josh, Paul and Mike Swauger. For the second leg Joel had switched speedos and this time he didn't have any problem as he took the win from Mike B. the big battle was for third between Paul, Jon Orr and Josh. This eventually went Josh's way, taking advantage of Paul and Jon getting together and saw Jon launched across the barriers. The final leg saw Joel again go straight into the lead, leaving Paul and Mike B. to have a good battle for second. Paul under pressure from Mike ran wide and Mike went through into second. By the end of the race everybody, but Joel and Mike, had dumped and it was Jon who picked up third. Overall it was yet another title for Joel, who really was on the top of his form, from Mike Blackstock and Josh Cyrul. It was a shame that Mike had to start so far down the grid, as it robbed us of what would have been an interesting final between Joel and Mike.

The first of the 10th Stock A Mains saw the poleman, Jared Scott, missing due to a frequency clash but it was Sean Cooper who took the win from Mike McMahon and Tom Esposito. The second leg saw Jared lead from the start with Vicky Carrubba putting together a good drive to claim second and Tom picked up third again. The third leg saw Joe Barbera jump into the early lead from Vicky, Mike and Jared. Mike was able to get past Vicky going onto the straight when she had been unsighted by a marshal and Tom was now into fourth. There was an amazing finish to the race when Joe got caught up with a backmarker, allowing Mike and Vicky through to take first and second. Joe held on for third and Tom lost fourth to Jared after brushing the barrier. So it was Mike who took the overall win from Vicky and Jared.

ROAR ON-ROAD NATIONALS

SEDAN STOCK

DRIVER	TEAM	CAR	NICADS	MOTOR	SPEED CONTROL-LER	FRONT TIRE (Insert)	REAR TIRE (Insert)	RADIO	SERVO	GEARING	BODY	QUALIFY	MAINS
Rudy Rodriguez	Integy	Yokomo YR4 M2 TOP Conversion	Integy 2000	Handout Reedy Firehawk	Novak Cyclone	Proline (Tam.Black)	Proline (Tam.Black)	Futaba 3PDJ	Futaba 9402	28/72	Yokomo Nissan Skyline	1	4 NS,2,2
Bill Hagen	Integy Hot Rod Hobbies	Yokomo YR4 II Carbon Chassis	Integy 2000	Handout Reedy Firehawk	Novak Cyclone	Eagle 25 (Tam.Blue)	Eagle 25 (Tam.Blue)	Futaba 3PDF	Futaba S148	30/72	Yokomo Nissan Skyline	2	2 3,4,1,
Jared Scott	Schumacher XIPP,LRP Howard	Schumacher SST 2000	XIPP 2000	Handout Reedy Firehawk	LRP IPC	Proline (Proline)	Proline (Proline)	Airtronics 3PS Caliber	Airtronics 94157	26/86	HPI Honda Accord	3	3 1,9,3
Niki Kwong	Integy,LRP KO,Yokomo	Yokomo YR4 M2	Integy 2000	Handout Reedy Firehawk	Novak Cyclone	Eagle 25 (Tam.Blue)	Eagle 25 (Tam.Blue)	KO EX-1	KO 1012	38/104	Yokomo Nissan Skyline	4	9 8,6,7
Tony Padilla	Schumacher Baird Racing Motors,Xipp	Schumacher SST 2000	Xipp 2000	Handout Reedy Firehawk	Novak Cyclone	Schumacher White (Firm)	Schumacher White (Firm)	Airtronics 3PS Caliber	Airtronics 94155	28/83	HPI Honda Accord	5	8 7,10,4
David Franklin		Schumacher SST 2000	World Class 2000	Handout Reedy Firehawk	Tekin G9	Yokomo Hot Laps112 (Yokomo)	Yokomo Hot Laps112 (Yokomo)	JR R756	Futaba 3003	26/83	HPI Audi A4	6	1 2,1,10
Arthur Tsui	Integy,Matrix Indi,Revelation Raceway,Eagle	Yokomo YR4 II	Integy 2000	Handout Reedy Firehawk	Novak Cyclone	Eagle 30 (Tam.Blue)	Eagle 25 (Tam.Blue)	Futaba 3PJ	Futaba 9402	40/100	Yokomo Nissan Skyline	7	5 NS,3,5
Joe Barbera		Schumacher SST 2000	Xipp 2000	Handout Reedy Firehawk	Novak Cyclone	Eagle 25 (Tam.Blue)	Eagle 25 (Tam.Blue)	Airtronics 3PS Caliber	Airtronics 94737	27/86	Frewer Mercedes	8	6 4,5,9
David Hatcher		Tamiya TA03F Pro	Orion V-Max 2000	Handout Reedy Firehawk	Tekin G9	Yokomo Hot Laps112 (Yokomo)	Yokomo Hot Laps112 (Yokomo)	Airtronics 3PS Caliber	Airtronics 94737	28/83	HPI Honda Accord	9	10 6,8,8
Joey Lundbergh	Integy	HPI RS4	Integy 2000	Handout Reedy Firehawk	Tekin G12c	Eagle 25 (Tam.Blue)	Eagle 25 (Tam.Blue)	Futaba 3PDJ	Futaba 9101	37/104	HPI Honda Accord	10	7 5,7,6

Joel went straight into the lead at the start of the first of the 1/10th Modified A Mains, while the rest tangled at the first and second corners. After they sorted themselves out it was Josh Cyrul who came through on second from Paul Wynn and Mike Swauger. In the end it was Joel who took a comfortable win from Josh, Mike and

Paul. The second main saw Paul Wynn turn in a bit early and hit the first corner, launching his car. But Joel was well away again from Mike and Josh and that was pretty much the way things stayed, apart from Jon Orr coming through to take third from Josh. With the title already in the bag Joel was able to sit out the third leg and concentrate on the other classes. Mike took full advantage and took the lead from Paul, who was having a great battle with Jon, and then it was Josh and Dave Vera. In the end it was Mike who took the win by just over three seconds from Paul, while Josh had managed to get down the inside of Jon for third. So with the overall win going to Joel, Mike took second and last place on the podium went to Josh.

ROAR ON-ROAD NATIONALS

1/10TH MODIFIED

DRIVER	TEAM	CAR	NICADS	MOTOR	SPEED CONTROL-LER	FRONT TIRE	REAR TIRE	RADIO	SERVO	GEARING MPR	BODY	QUALIFY	MAINS
Joel Johnson	Trinity,Jaco Protoform,M-Troniks Airtronics	Trinity Switch Blade	Trinty Vis-Extra 2000	Trinity 12 Dbl	M-Troniks Pro-digi	Jaco Pink	Jaco Pink	Airtronics Caliber 3PS	Airtronics 94145	24/120 36.71	Protoform Nissan	1	1 1,1,NS
Mike Swauger	Assoc,Reedy,Jaco Orion,Airtronics,LRP Paris,Andy's,ProShot	Assoc 10L2	Reedy Orion 2000	Reedy 10 Dbl	LRP IPC	Jaco Pink	Jaco Pink	Airtronics Caliber 3PS	Airtronics 94157	19/116 29.41	Andy's Mercedes	2	2 3,2,1
Paul Wynn	Assoc,Reedy,Jaco Xipp,Airtronics,LRP Protoform,RCPS,	Assoc 10L2	Xipp 2000	Reedy 11 Dbl	LRP IPC	Jaco Pink	Jaco Pink	Airtronics Caliber 3PS	Airtronics 94155	22/120 33.35	PSE Mazda	3	4 4,5,2
Jon Orr	Assoc,Reedy,Jaco Racetech,Novak Airtronics	Assoc 10L2	Reedy Orion 2000	Reedy 11 Dbl	Novak Cyclone	Jaco Pink	Jaco Pink	Airtronics Caliber 3PS	Airtronics 94157	23/116 36.13	Protoform Nissan	4	5 7,3,4
Barry Baker	Yokomo,Maxtec,LRP Orion,Kimbrough,Jaco Protoform,Proline	Yokomo YRX-10	Reedy Orion 2000	Maxtec 12 Triple	LRP IPC	Jaco Pink	Jaco Pink	Airtronics Caliber 3PS	Airtronics 94157	25/116 40.76	Andy's Nissan	5	9 6,9,NS
Josh Cyrul	Assoc,Reedy,Jaco Stage III,Futaba,LRP Protoform,Proline	Assoc 10L2	Reedy Orion 2000	Reedy 12 Dbl	LRP IPC	Jaco Pink	Jaco Pink	Futaba 3PJ	Futaba 9402	24/120 37.02	Protoform Nissan	6	3 2,4,3
Dave Vera	Jaco,Parma/PSE Perfect Match	Trinity Switch Blade	Perfect Match 2000	Reedy 12 Triple	LRP IPC	Jaco Purple	Jaco Pink	Airtronics CS2P	Airtronics 94151	24/120 36.71	PSE Mazda	7	8 9,8,6
Walter Henderson	Assoc,Reedy,Jaco Stage III,Novak,RRP Racetech,Protoform	Assoc 10L2	Stage III 2000	Reedy 12 Triple	Novak Cyclone	Jaco Pink	Jaco Pink	Airtronics Caliber 3PS	Airtronics 94151	22/115 35.11	Protoform Nissan	8	7 8,6,8
Edwin McTureous	Assoc,Reedy,RCPS Airtronics,Proline,Jaco	Assoc 10L2	Reedy Orion 2000	Reedy 11 Dbl	LRP IPC	Jaco Pink	Jaco Pink	Airtronics CS2P	Airtronics 94157	22/120 34.38	PSE Mazda	9	6 5,7,5
Mike Blackstock	Trinity,Tekin,Jaco	Trinity Switch Blade	Trinty Vis-Extra 2000	Trinity 12 Dbl	Tekin G12c III	Jaco Pink	Jaco Pink	JR R-756	Airtronics 94143	24/120 36.71	Protoform Nissan	10	10 10,10,7

The first of the Sedan Stock A Mains saw a clean start but halfway around the first lap the poleman, Rudy Rodriguez, hit the barrier and was an instant retirement. David Franklin was the new leader ahead of Jared Scott, Joe Barbera and Tony Padilla. Jared closed right up on David and after challenging for a few laps was able to get by for the lead and the eventual win. The second leg saw Rudy go straight into the lead ahead of David and Arthur Tsui. That was pretty much the way things stayed until Rudy suffered a radio glitch pitching him into the barrier and David was able to come through and take the win. The third leg saw Bill Hagen hit the front ahead of David with Rudy in close attendance. Rudy and Tony were able to get by David and were joined by Jared to make it a three way battle for second. Bill was the winner with Rudy and Jared taking second and third after Tony had rolled his car after hitting a dot. So it was David Franklin who took the win with his Schumacher and for second we had a three-way tie between Rudy, Bill and Jared, haven't we seen this somewhere before? On the dropped scores, it was Bill who got second from Jared and Rudy. Jared had successfully completed his

ROAR ON-ROAD NATIONALS

SEDAN MODIFIED

DRIVER	TEAM	CAR	NICADS	MOTOR	SPEED CONTROL-LER	FRONT TIRE (Insert)	REAR TIRE (Insert)	RADIO	SERVO	GEARING	BODY	QUALIFY	MAINS
Barry Baker	Yokomo,Maxtec Orion,Proline,LRP Kimbrough,P/form	Yokomo YR4 M2	Reedy Orion 2000	Maxtec 10 Dbl	LRP IPC	Proline Yellow (Tam.Blk)	Proline Yellow (Tam.Blk)	Airtronics 3PS Caliber	Airtronics 94157	22/81	HPI Audi A4	1	5 6,8,2
Joel Johnson	Trinity Losi Airtronics	Losi Street Weapon	Trinity Vis-Extra 2000	Trinity 10 Dbl	Tekin G12cIII	Losi Treaded (Losi)	Losi Treaded (Losi)	Airtronics 3PS Caliber	Sanwa ERG-ZZ	22/84	HPI Audi A4	2	2 2,3,1
David Jun	Tamiya,Futaba Peak,Orion,P/line Novak,Protoform	Tamiya TA03F Pro	Orion V-Max 2000	Peak 11 Dbl	Novak Cyclone	Proline Green (Tam.Black)	Proline Green (Tam.Black)	Futaba 3PJ	Futaba 9402	16/Kit	Protoform Volvo S40	3	1 1,1,NS
Chris Tosolini	Yokomo,Paris Assoc,Reedy LRP,Jaco,Proline	Yokomo YR4 M2	Reedy Orion 2000	Reedy 11 Dbl	LRP IPC	Proline Green (Proline)	Proline Green (Proline)	Airtronics 3PS Caliber	Airtronics 94157	29/104	HPI Honda Accord	4	3 5,2,3
Jack Johnson	Losi,Trinity Novak,JR	Losi Street Weapon	Trinity Vis-Extra 2000	Trinity 10 Dbl	Novak Cyclone	Losi Treaded (Losi)	Losi Treaded (Losi)	JR R756	JR 4735	22/84	HPI Audi A4	5	6 3,10,7
Paul Wynn	Schumacher,LRP Assoc,Reedy Xipp,Airtronics	Schumacher SST 2000	XIPP 2000	Reedy 10 Dbl	LRP IPC	Proline Green (Proline)	Proline Green (Proline)	Airtronics 3PS Caliber	Airtronics 94737	21/86	Protoform Mercedes	6	7 7,7,5
JR Mitch	Schumacher Novak,Losi Trinity	Schumacher SST 2000	Trinity Vis-Extra 2000	Trinity 9 Dbl	Novak Cyclone	Losi/Proline Yellow (Losi/Proline)	Losi/Proline Yellow (Losi/Proline)	Airtronics 3PS Caliber	Airtronics 94157	19/86	Protoform BMW	7	4 4,4,4
Ron Rosetti	Losi Trinity Novak	Losi Street Weapon	Trinity Vis-Extra 2000	Trinity 10 Quin	Novak Cyclone	Losi Treaded (Losi)	Losi Treaded (Losi)	Futaba 3PJ	Futaba 9402	24/84	HPI Audi A4	8	9 10,5,9
Rob Michael	Superior Hobbies	Schumacher SST 2000	Orion V-Max 2000	Trinity 9 Quad	LRP IPC	Schumacher White (Tam.Blue)	Schumacher White (Tam.Blue)	Futaba 3PJ	Airtronics 94737	19/86	Protoform Audi A4	9	10 9,9,8
Scott Ernst		Tamiya TA03F Pro	ESP 2000	Fantom 10 Quin	Novak Cyclone	Yokomo Hot Laps 112 (Kit)	Yokomo Hot Laps 112 (Kit)	Futaba 3PJ	Futaba 9402	21/Kit	HPI Honda Accord	10	8 8,6,6

Ironman course by making all three Stock A Mains and even more impressively making the podium in all of them.

Barry Baker, from pole position, went straight into the lead at the start of the first of the Modified Sedan A Mains with Joel Johnson, David Jun and Jack Johnson dropping in behind him. Joel and David were having a right old battle for second, which continued until a collision between them saw David take second. Barry then clipped a dot, flipping him over and dropping down to third behind David and Joel. In the closing stages Barry started to slow, one of the hinge pins had partly worked its way loose and one of the front driveshafts popped out, and the rest of the field took full advantage. So David was the winner, closely followed by Joel with Jack in third, JR Mitch fourth and Barry finished up in fifth. The second main saw Barry again take the lead at the start from David and Joel. Barry hit the track marking and stranded himself in the infield, requiring the assistance of a turn marshal, and dropping him down to fourth. Joel managed to get past David for the lead, but David was able to return the favor and then Chris Tosolini also got by Joel for second. That was how they finished with David just holding on by two-tenths from Chris with Joel just a second away in third and JR in fourth. David took the ROAR Title to go with the NORRCA version he won last year and he would take the opportunity to sit out the final leg - The last leg saw Barry go into the lead, yet again, from Joel, Jack, JR and Chris. Jack rolled out of third and then Barry bounced off the track markers to give Joel a bit of breathing space. Chris got by JR by going up the inside onto the straight and out dragged him down to the first corner. Joel became the winner over Barry, who had Chris right on his rear bumper going across the line. So with David already taking the overall win, it was Joel who took second with Chris in third place and JR in fourth. This also gave us four different manufacturers in the top four which hopefully bodes good for the Sedan class.

The top three in the Sedan Stock Class were (l to r) Bill Hagen 2nd, David Franklin 1st, and Jared Scott 3rd.

Joel's 12th set-up

2 degrees caster
2 degrees camber
.018 front spring
.029 shock spring 30 wt. oil
springs



.066 T-bar
Tall pivot ball stud on back of shock
(Gives stiffer rate spring)

Joel's 10th set-up

2 degrees caster
2 degrees camber
.018 front spring
Yellow center spring
Kit .035 side
30 wt. oil
Widend rear track

David Jun's Set-up

Aluminium shocks
35 wt. oil
Two hole Teflon pistons
Blue Springs
Front-yellow anti-roll bar
Rear-red anti-roll bar
Aramid belt
Tamiya 16 tooth pulley
Tamiya Rear Ally upright
Cross 2 degree front upright
One-way bearing (only place where he has been able to run it successfully)
Jaco tire inserts for final (softer for better grip)
Carbon fiber chassis (car sent from Tamiya Japan)

Official Results
'97 ROAR
On-Road
Nationals
12th Stock B Main
lst - William Fraden
2nd - Mike Owen
12th Modified B Main
lst - Edwin McTureous
2nd - Bob Hall
3rd - Mark E. Adams
4th - Troy Schafer
5th - Ed Shaffer
6th - Luis Martinez
7th - Bob Hodgson
8th - Steve Rossi
9th - Charles Creamer
10th - Dave Vera
1/12th Modified C Main
1st - Gene Kociuba
2nd - Greg Walsh
3rd - Derek Low
10th Stock B Main
1st - David Castello
2nd - Mark Benfield
3rd - Amber Taylor
4th - Bill Sell
5th - Eric Bellins
6th - Juan Sat
7th - Chris Crowder
8th - Mike Spehn
9th - Leroy Carrigg
10th - Dave Koch
10th Stock C Main
1st - Charles Rabichaud
2nd - Dale Parker
3rd - Ben Cross
4th - William Fraden
5th - Rodney D.Bustos
6th - Brian Schaack
7th - Stephen Sheaff
8th - Adam Jones
9th - Mike Owen
10th - Jeff Maturo
10th Stock D Main
lst - Dan Martinez
10th Modified B Main
1st -Troy Schafer
2nd - Kenny Koch
3rd - Bob Hall
4th - Terry Rott
5th - Ed Shaffer
6th - Tyree Phillips
7th - Mark E.Adams
8th - Scott Lafoe
9th - John Malin
10th - Jeff Brown
10th Modified C Main
1st - Jeff Record
2nd - Mike Armstrong
3rd - Ed Ryan
4th - Robert Friedman
5th - Steve Rossi
Sedan Stock B Main
1st - Larry Hutcheson
2nd - Shad Galante
3rd - Jack Martin
4th - Hector Cintron
5th - Scott M.Galante
6th - Ken Campbell
7th - Scott Meeks
8th - Eric Bocock
9th - P.J. Howell
Sedan Modified B Main
1st - Tyree Phillips
2nd - Terry Martin
3rd - Dave Cole
4th - Tom Esposito
5th - Aaron Siner
6th - Walter Henderson
7th - Mike Blackstock
8th - Josh Cyrul
9th - Mike Swauger
10th - Dave Alberico
Sedan Modified C Main
1st - Brandon McNally
2nd - Paul Lemieux
3rd - Jeff Record
4th - Manuel Sanchez
5th - Mark Benfield
6th - Omar Colina
7th - Rodrigo Silva
8th - Carlos Prats
9th - Mike Armstrong
10th - Randy Cook
Sedan Modified D Main
1st - Joshua Perales
2th - Baruch Lorio
3th - Steve Sheaff
4th - Bobby Taylor
5th - Robert A.Taylor
6th - Alfredo Guerria
7th - Miguel Brena
8th - Adam Jones
9th - Charles Barnes
10th - Amber M.Taylor

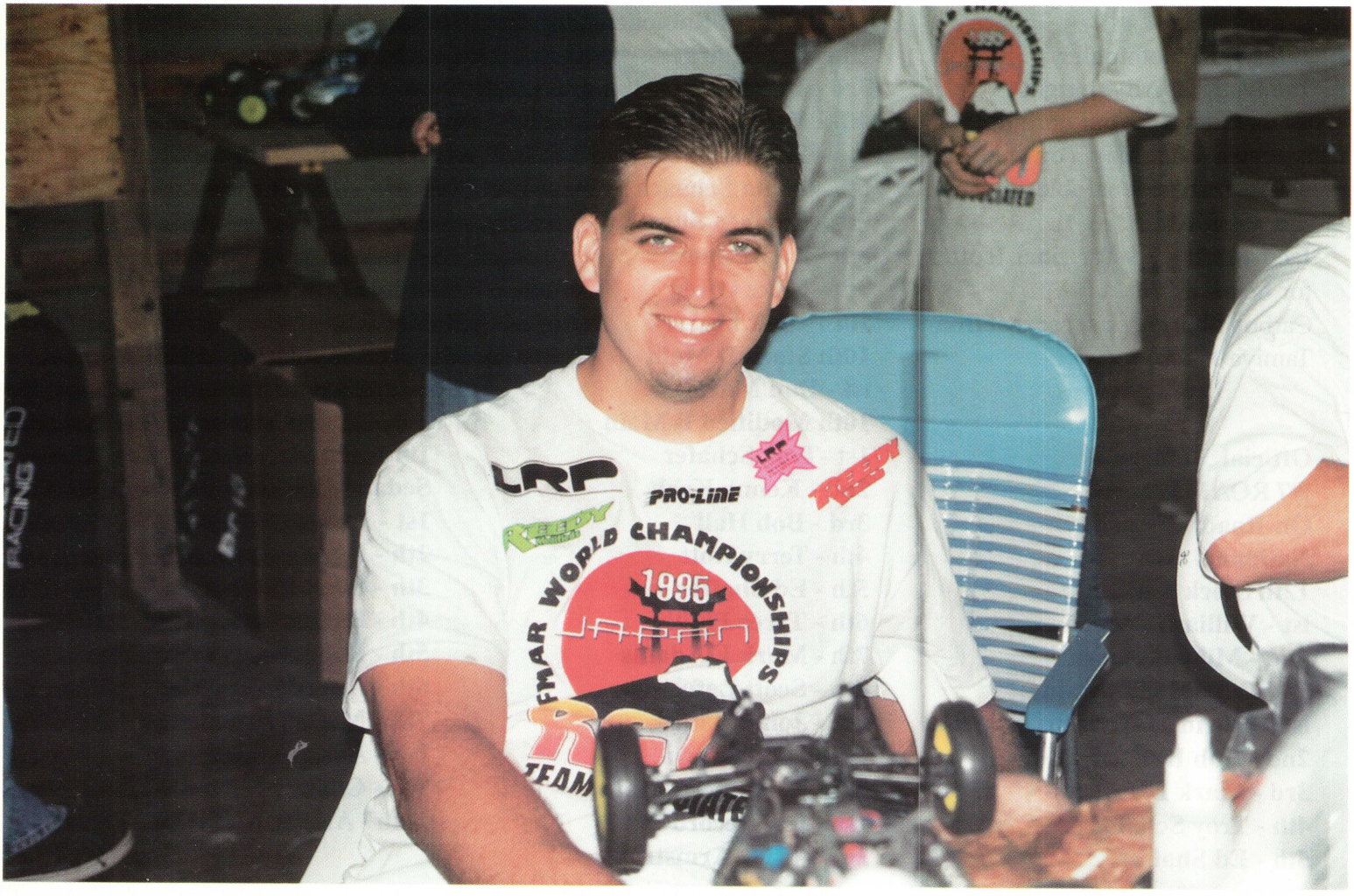
CP

'97 ROAR OFF ROAD MODIFIED NATIONALS

By Gene Husting

K & M RACEWAY, in Houston, Texas was the host of this year's Off-Road Nationals. Tom Keller and Brent Mahaffy are the owners of this indoor raceway, and they've put an awful lot of time and money in preparing for this event. They have a great track, with a lot of pit area. The weather was hot, 93 degrees outdoors, with 88 percent humidity. 100 degrees inside, in the pit area, and 110 degrees in the upstairs pit area. Rather miserable.

Most of the drivers got to the track for practice on Tuesday. Each driver would get four rounds of qualifying in 2WD Modified Truck, and 4WD Modified. Instead of having the usual single round of qualifying, ROAR has gone to a





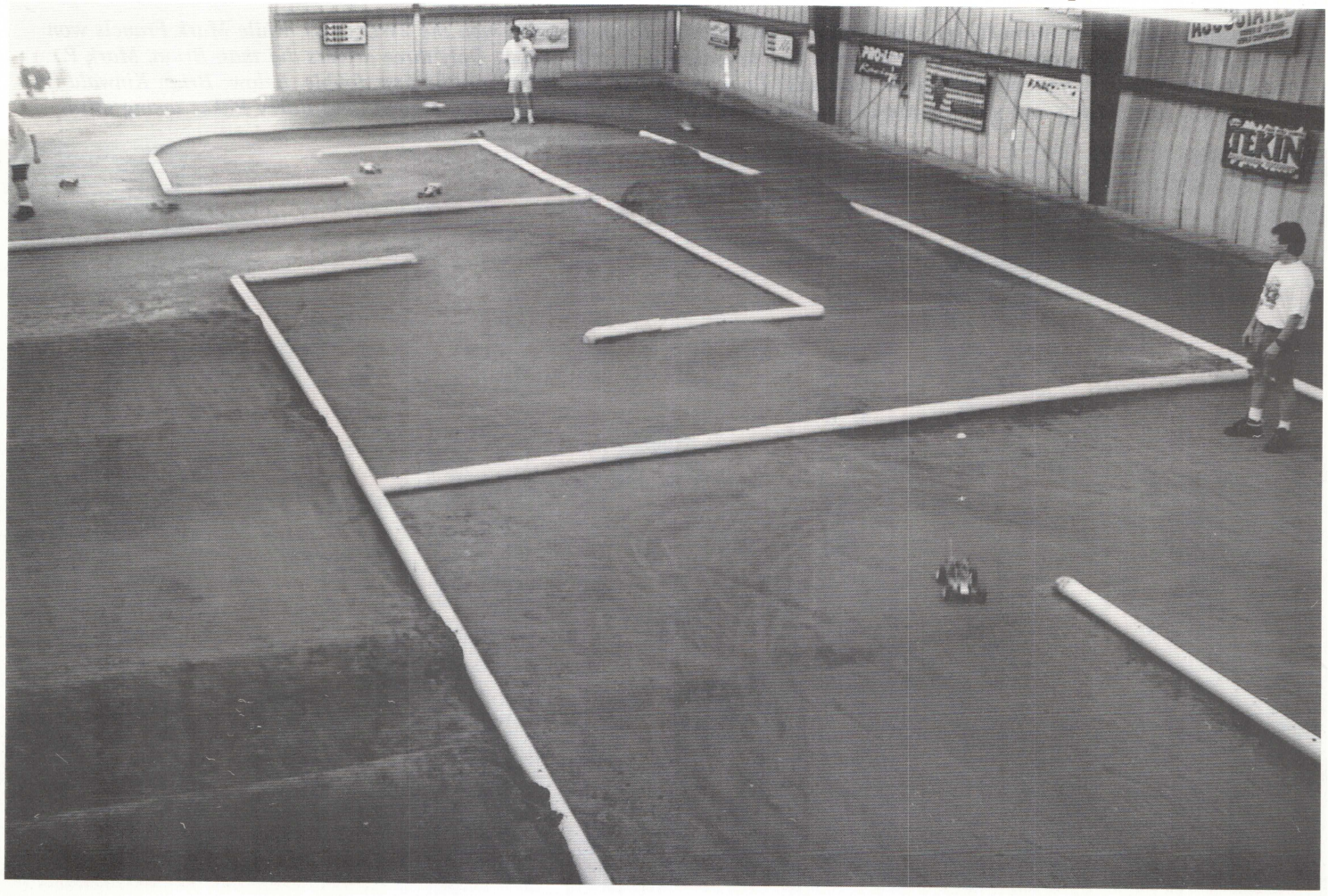
Opposite page: At the Warm-Up race here, three weeks earlier, Brian Kinwald won the 2WD class, while Mark Francis won the truck class. Mark was also one of the elite few, to make all three A Mains. Only three drivers did that, Brian, Mark P. and Mark F. Above: What could be easier than this? Look at the one on it's back in the first double. Below: Brian Kinwald (c) takes #2; title, TQing and winning the Truck Class, with Greg Hodapp (r) placing second, and Barry Baker taking third.





best of 2 rounds of qualifying system. This is an effort to eliminate

Top: Brian Kinwald had the kind of weekend everyone else only dreams about. He virtually won everything in sight! Bottom: The K & M track required hardly any maintenance. Because it was so humid, the track never seemed to dry out. It not only got to the "Blue Groove" level, but it went well beyond that to the "Black Groove" level. this is the first time I've ever seen a totally black grooved track. In the foreground you can see the "Double Double" jumps, right below the drivers' stand. You can also see the "Big Jump" to the center of the photo.

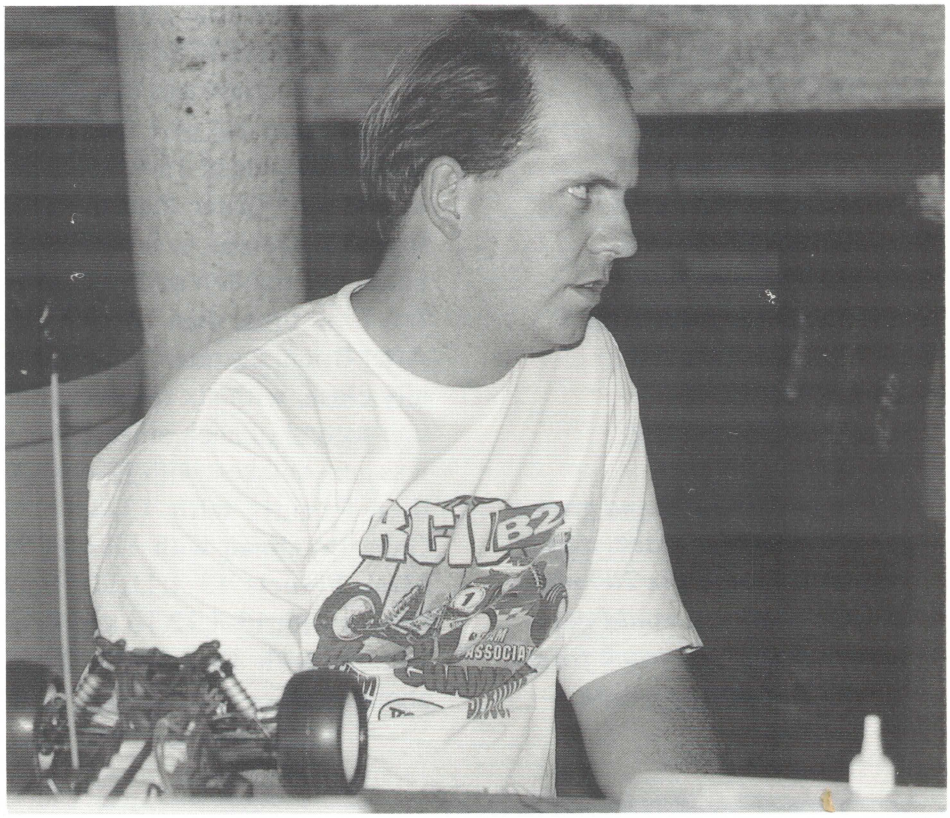


the problem of a single fast round. It now pays to be consistently fast.

2WD QUALIFYING

Mark Pavidis led the lst round of qualifying turning 13 laps in 4 minutes and 9.10 seconds or 13-4.09.10, with Brian Kinwald just 2 seconds behind taking 2nd with 13-4.10.95. Mark was on a faster TQ run in the 2nd round, after 5 laps, when his endbell came off. Brian won the next 3 rounds with 13-4.10.24, 13-4.12.73, and then with a TQ time of 13-4.06.25.

Mark Pavidis won the 1st 2WD A Main, finishing 2nd overall in the 2WD, and 3rd in 4WD. Mark also had the fastest time of the day, turning in 14 laps in winning the 3rd 4WD A Main.





2WD OVERALL QUALIFYING

1st - BRIAN KINWALD
2nd - MARK PAVIDIS
3rd - GREG HODAPP
4th - MARK FRANCIS
5th - BRIAN DUNBAR
6th - SCOTT BROWN
7th - SOHRAB TAVAKOLI
8th - MATT LEDGER
9th - CHRIS BING
10th - CHRIS WHITE

The large drivers' stand gave a great view of the track, and if you could stand the 100 plus degree heat, you could get a better view of the track from the 2nd floor pit area.

MODIFIED TRUCK QUALIFYING

Brian Kinwald was in a class by himself here. He won four rounds with a TQ time of 13-4.04.92, just one second faster than his 2WD time. He seemed to have found a better tire traction additive for his Pro-Line tires, than anyone else. After Brian, the qualifying was really close, with six drivers within one second of each other. Hodapp was next quickest with 13-4.11.27, then Pavidis with 13-4.11.31, Gabe Boudreau with 13-4.11.75, Mark Francis 13-4.11.90, Scott Brown with 13-4.12.16 and Brian Dunbar with 13-4.12.38. That's about as close as it can get.

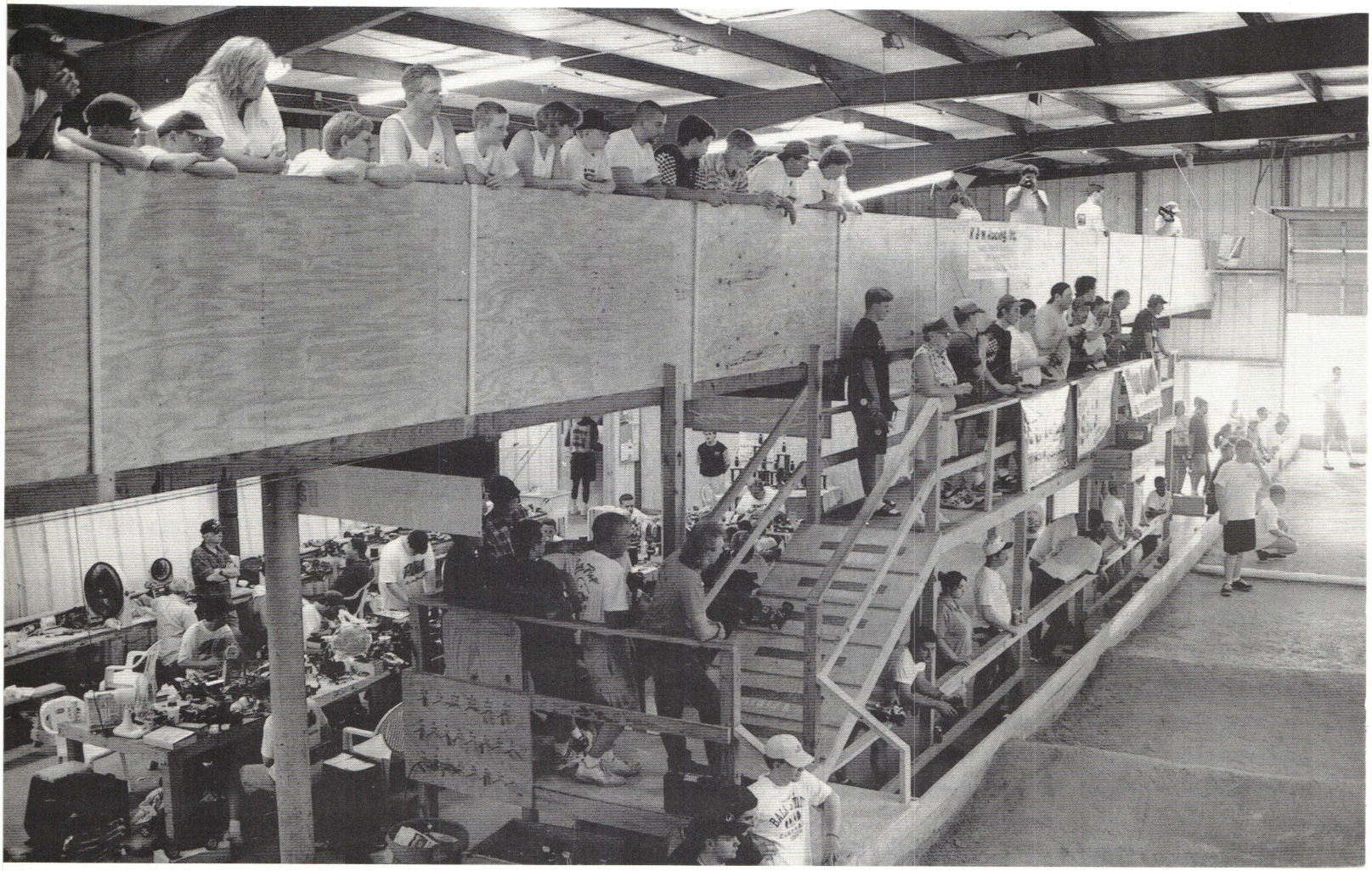
MODIFIED TRUCK OVERALL QUALIFYING

1st - BRIAN KINWALD
2nd - GREG HODAPP
3rd - BRIAN DUNBAR
4th - MARK FRANCIS
5th - J. R. MITCH
6th - MARK PAVIDIS
7th - SCOTT BROWN
8th - MATT LEE
9th - BARRY BAKER
10th - GABE BOUDREAU

4WD MODIFIED QUALIFYING

The only two drivers to turn 14 laps were TQ Brian Kinwald with 14-4.16.54, and Gabe Boudreau close behind with 14-4.16.92.

There were more than the usual



number of 4WD cars, thanks to Losi's new XX4 car, but the overall number was still well below the number of 2WD cars and trucks, which is not unusual.

4WD OVERALL QUALIFYING

1st - BRIAN KINWALD
2nd - GABE BOUDREAU
3rd - MARK PAVIDIS
4th - ALEX GUERRERO
5th - CHRIS BING
6th - MATT FRANCIS
7th - SOHRAB TAVAKOLI
8th - BARRY BAKER
9th - CHRIS WHITE
10th - QUINCY HUGHES

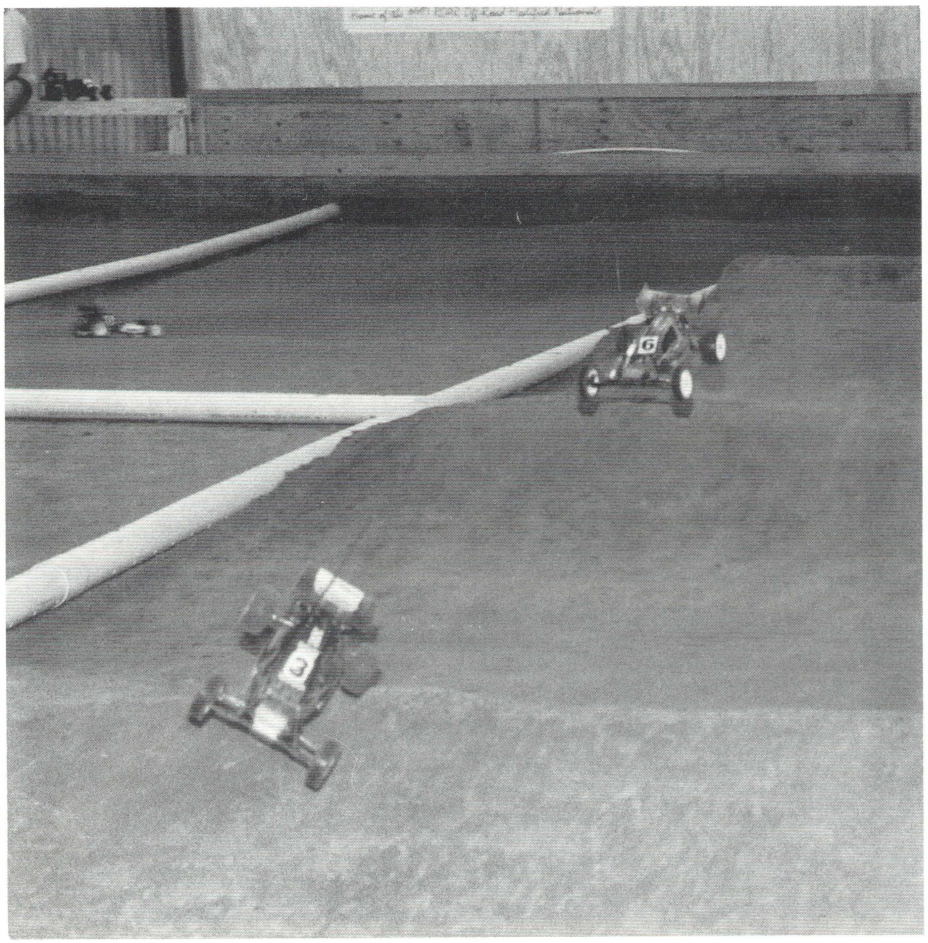
2WD A MAIN #1

The drivers were introduced to the large crowd, the cars lined up down the straightaway, the horn sounded and we were underway. Brian Kinwald and Mark Pavidis made it cleanly around the tight 180 degree pipe turn, at the end of the straightaway, and started to pull away from evereyone else.

Brian was running perfectly, but so was Mark, staying just 2 to 5 feet behind Brian waiting for an opportunity to try a pass. Then, as they completed the 2nd lap down the straightaway and around the 2nd corner, Brian all of a sudden pulled wide and let Mark go by.

I thought, wait a minute, that's not something Brian would do, to

The double double jumps seemed easy enough, when done correctly that is. If your timing was off just a little, however, you were in big trouble.



ATTENTION

R/C Tracks Owners and Operators

Every R/C track owner in the country should be concerned about the present state of the R/C track industry. A declining customer base and a dwindling track population is not a sign of a good healthy industry.

The peak years have passed. The cost to operate a R/C track have risen. The profits have fallen. The track owners must do something if they are to survive.

During the last National Model & Hobby Show held in Chicago, a group of R/C track owners, concerned about the state of our industry, talked seriously about forming a track owners association.

RCMA represents the radio manufacturers, RCHTA represents the hobby manufacturers and distributors, and NRHSA represents the retail hobby dealers.

Isn't it about time that the R/C track owners and operators were represented and had a voice in the hobby industry ?

If the owners and operators of R/C tracks are to survive they must step forward and take charge of their own destiny.

This is not a solicitation to join a radical group of hell raisers, but rather a call to join a group of concerned track owners interested in the future of R/C racing in America.

The proposed national association would be a not-for-profit corporation and would be run by and for the track owners and operators.

Track owners and operators interested in forming an association contact Jess Brockman at:

MHOR R/C Raceway
15540 E. Batavia Drive
Aurora, CO 80011
or at (303) 343-0151 from Noon and 9pm Tue. thru Fri. (MST).

Brian took the lead, with Hodapp close behind. Then, Hodapp rolled it off the big jump, giving Brian a big lead.

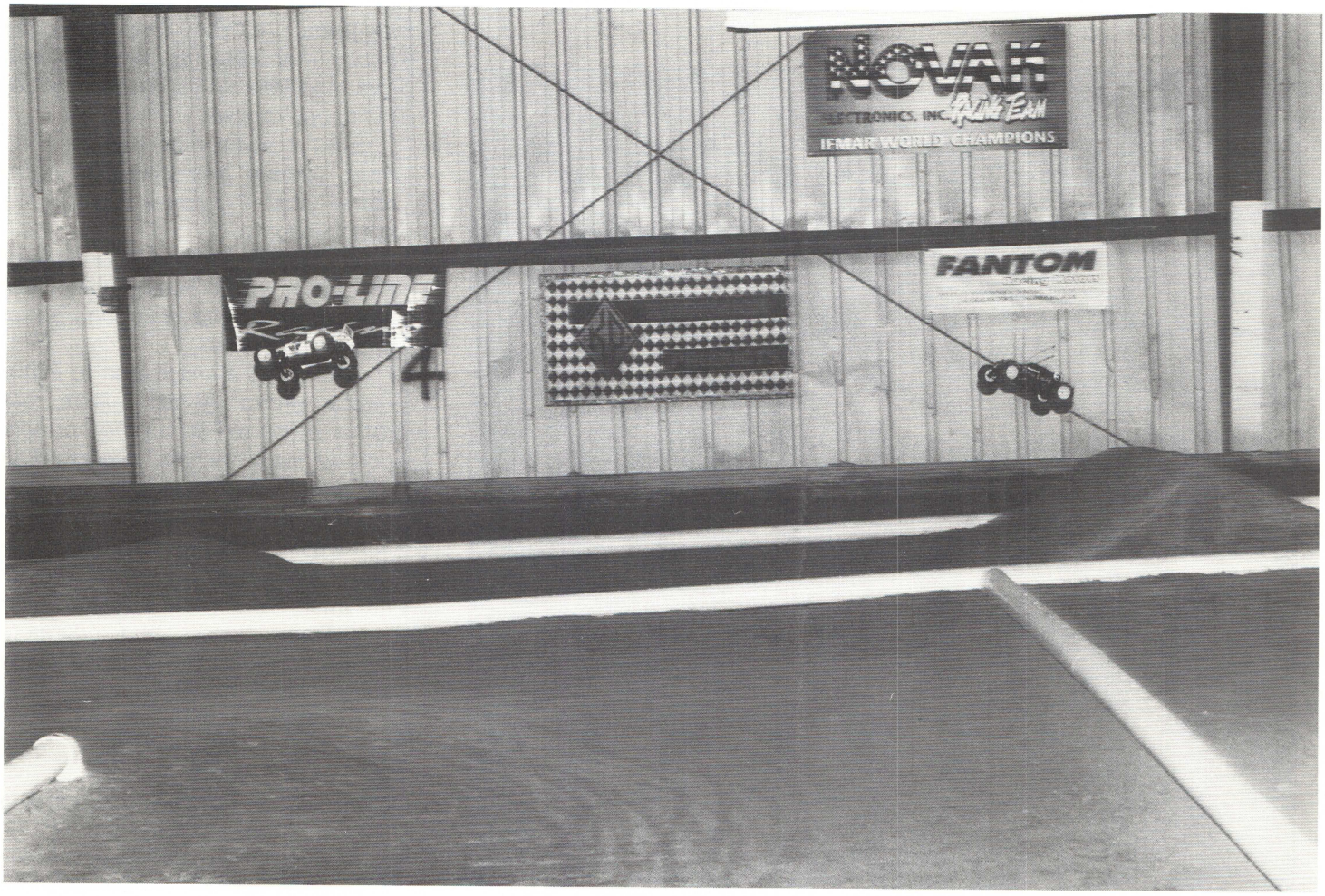
let Mark lead. But, Mark gladly took the lead, but instead of Brian following Mark, he just parked it. Nobody knew what was happening. After the race, I asked Brian, "What happen?" He said, "My batteries must have false peaked!"

Unbelievable!

Mark now had a full straightaway lead over Chris Bing, with Mark Francis 3rd, in a great race with Greg Hodapp. With a couple laps to go, Greg got by Francis to take 3rd.

2WD A MAIN #1 RESULTS
1st - MARK PAVIDIS
2nd - CHRIS BING
3rd - GREG HODAPP
4th - MARK FRANCIS
5th - SCOTT BROWN
6th - SOHRAB TAVAKOLI

It was not uncommon to see two to four cars or trucks parked in the landing area, unable to finish their race.



7th - BRIAN DUNBAR
8th - MATTLEDGER
9th - CHRIS WHITE
10th - BRIAN KINWALD

2WD A MAIN #2

As the horn sounded, the cars took off with Greg Hodapp taking a very tight line around the pipe, and making a clean pass on Mark Pavidis to move into 2nd. But then, after the next turn, he lost it over the double double jumps, and got passed by everyone. In the confusion, Chris Bing took over 2nd, with Brian Dunbar now 3rd and Mark 4th.

Brian now had a straightaway lead over Bing, who got stuck, with Dunbar, Mark, and Hodapp going by. Mark was all over Dunbar trying to find a way past, but Dunbar was driving a good tight line. Then, Mark tried to make a tight pass at the end of the straightaway, but caught the pipe, and Hodapp went into 3rd.

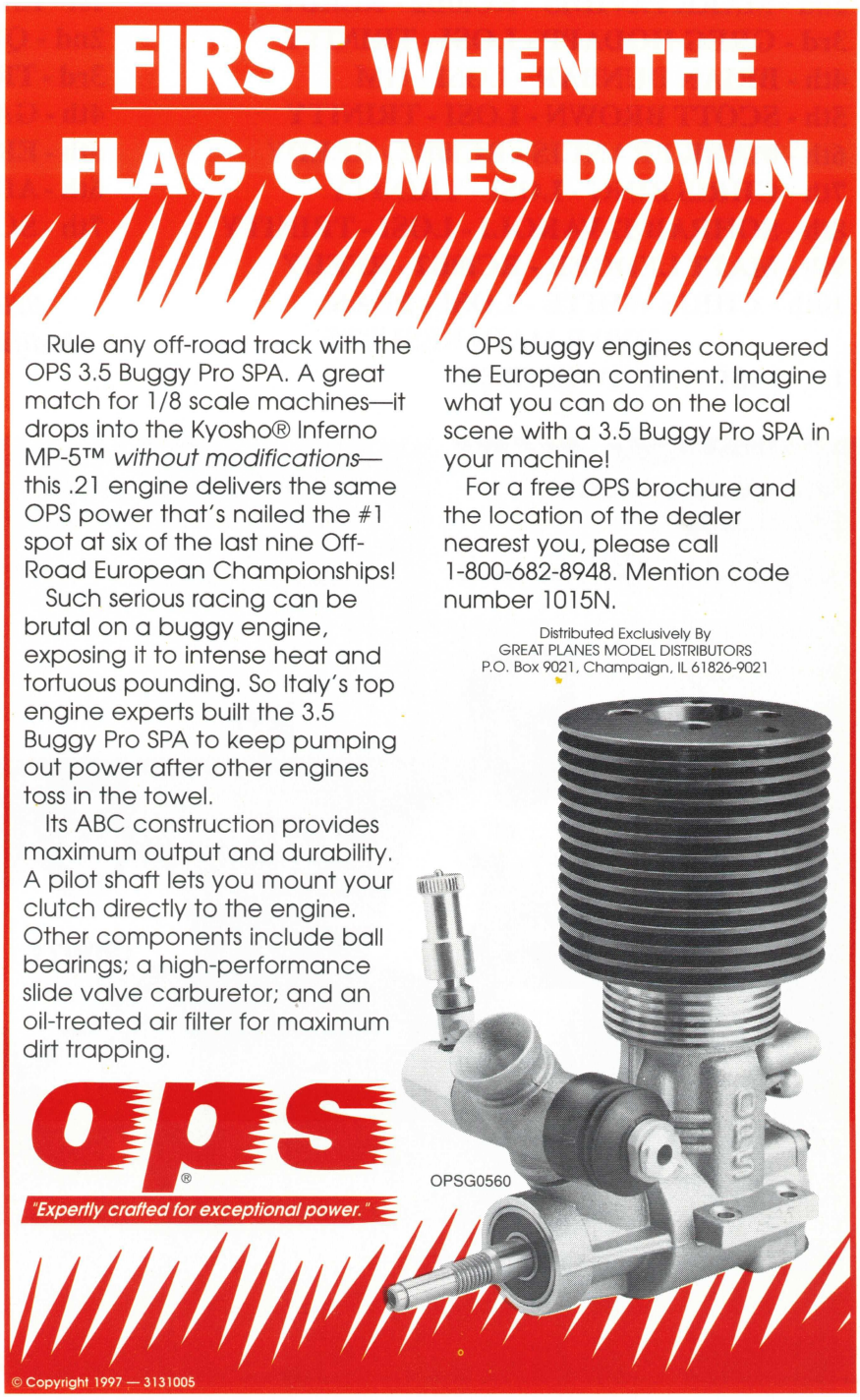
2WD A MAIN #2 RESULTS
1st - BRIAN KINWALD
2nd - BRIAN DUNBAR
3rd - GREG HODAPP
4th - MARK PAVIDIS
5th - CHRIS BING
6th - SCOTT BROWN
7th - MARK FRANCIS
8th - SOHRAB TAVAKOLI
9th - CHRIS WHITE
10th - MATT LEDGER

2WD A MAIN #3

Brian and Mark took off together again, with Mark just a few feet behind Brian. Then, in an effort to make an inside pass on Brian down the straightaway, Mark clipped the inside pipe by a joint, which caught the car sending it rolling down the straightaway. Dunbar, Hodapp and Mark Francis went by to take over 2nd, 3rd and 4th.

Then, in some of the best racing of the day, Mark Francis and Hodapp, swapped places four or five times, until Hodapp finally got sideways off of the big jump, with Francis going by, and now chasing Dunbar. Then, just as Francis caught Dunbar, Dunbar got sideways off the big jump, tying up Francis and Mark, with Scott Brown driving around the pileup to take 2nd.

2WD A MAIN #3 RESULTS
1st - BRIAN KINWALD
2nd - SCOTT BROWN
3rd - MARK FRANCIS



4th - BRIAN DUNBAR
5th - MARK PAVIDIS
6th - SOHRAB TAVAKOLI
7th - GREG HODAPP
8th - MATT LEDGER
9th - CHRIS BING
10th - CHRIS WHITE

2WD OVERALL RESULTS

PLACE DRIVER CAR MOTOR
1st - BRIAN KINWALD - LOSI - TRINITY
2nd - MARK PAVIDIS - RC10B2 - REEDY
3rd - GREG HODAPP - LOSI - TRINITY
4th - BRIAN DUNBAR - LOSI - GM
5th - SCOTT BROWN - LOSI - TRINITY
6th - MARK FRANCIS - RC10B2 - REEDY
7th - CHRIS BING - LOSI - TRINITY
8th - SOHRAB TAVAKOLI - LOSI - TRINITY
9th - MATT LEDGER - RC10B2 - REEDY
10th - CHRIS WHITE - LOSI - PEAK

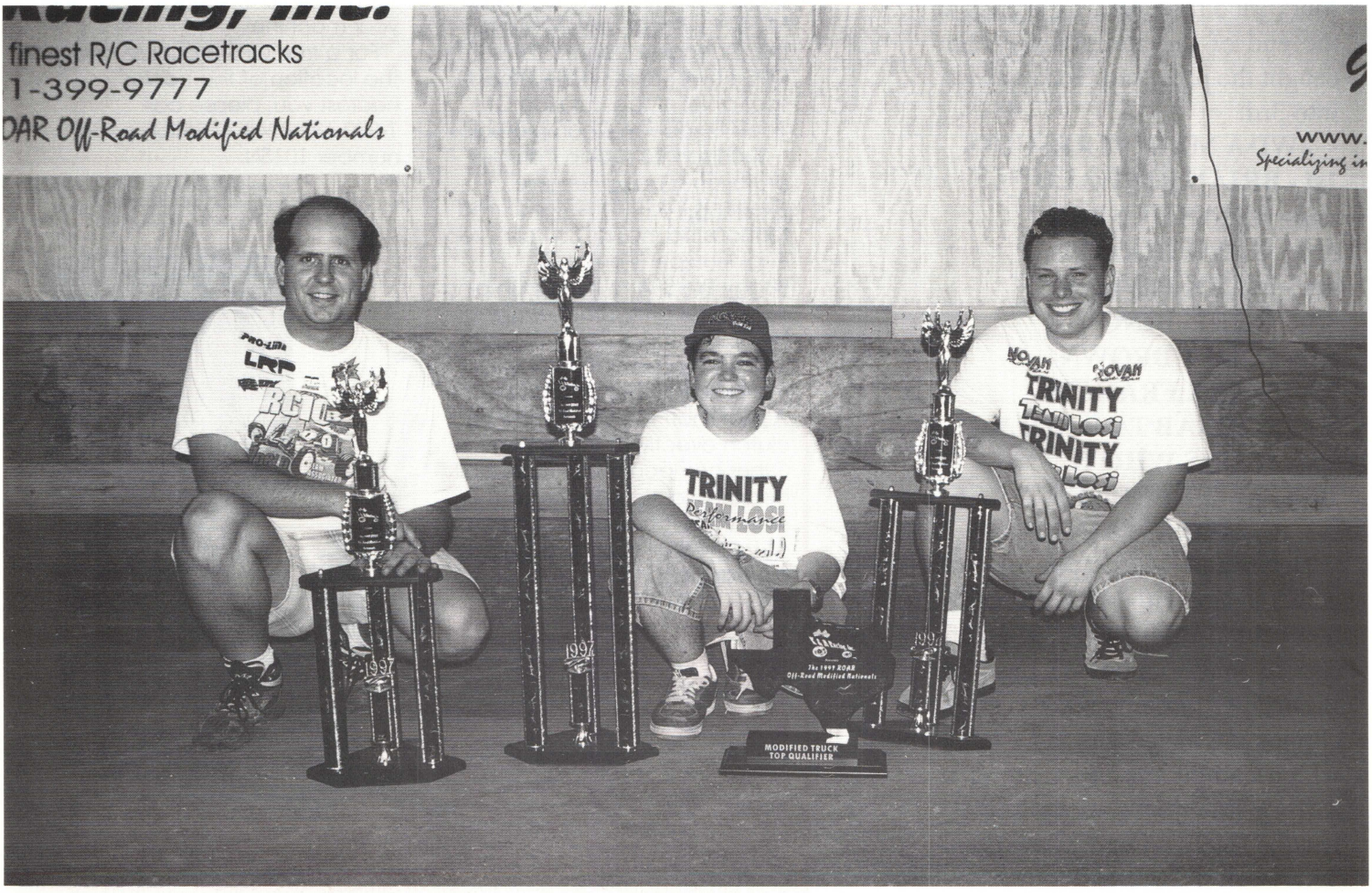
2WD B MAIN RESULTS

1st - JASON SCHWEITZER
2nd - BILLY EASTON
3rd - SCOTTHUGHES
4th - DEREK FURUTANI
5th - J.R. MITCH
6th - RHETT MCNAIR
7th - TODD CARISEO
8th - FROSTY ST CLAIR
9th - MATT FRANCIS
10th - RANDY KONRUF

2WD C MAIN RESULTS

1st - RANDON HAYES
2nd - QUINCY HUGHES
3rd - TRAVIS AMEZCUA
4th - GABE BOUDREAU
5th - ERIC WILLARDSON
6th - ADAM DRAKE
7th - SCOTT RISTER

Brian Kinwald (C) TQ's and wins the 2WD Modified Class, with Mark Pavidis (L) taking 2nd and Greg Hodapp finishing 3rd.



8th - TODD HODGE
9th - DARRIN JENDREAS
10th - DUSTIN BREWER

TRUCK A MAIN #1

Brian took the lead, with Hodapp close behind. Then, Hodapp rolled it off the big jump, giving Brian a big lead. Then, Hodapp and J.R. Mitch tangled right before the big jump, moving Mitch to 2nd, with Gabe Boudreau taking 3rd, and Barry Baker 4th. Then, Mitch had a problem and Boudreau and Baker moved to 2nd and 3rd.

TRUCK A MAIN #1
1st - BRIAN KINWALD
2nd - GABE BOUDREAU
3rd - BARRY BAKER
4th - J.R. MITCH
5th - MATT LEE
6th - GREG HODAPP
7th - MARK FRANCIS
8th - BRIAN DUNBAR
9th - MARK PAVIDIS
10th - SCOTT BROWN

TRUCK A MAIN #2

Brian Kinwald and Greg Hodapp got away clean, and got a big lead, when 6 trucks got tangled up in the 2nd corner. Mark Pavidis and Mark Francis came out in 3rd and 4th. Then Mark got stuck on a pipe with Francis moving to 3rd.

The leaders held their positions to the finish.

TRUCK A MAIN #2
1st - BRIAN KINWALD
2nd - GREG HODAPP
3rd - MARK FRANCIS
4th - SCOTT BROWN
5th - BRIAN DUNBAR
6th - GABE BOUDREAU
7th - BARRY BAKER
8th - MATT LEE
9th - J.R. MITCH
10th - MARK PAVIDIS

TRUCK A MAIN #3

With Brian not running this race, it turned out to be one of the best races of the day. Hodapp took off in the lead, followed by Brian Dunbar and Barry Baker. They were all together for three laps when Dunbar made an inside pass on Hodapp to take the lead.

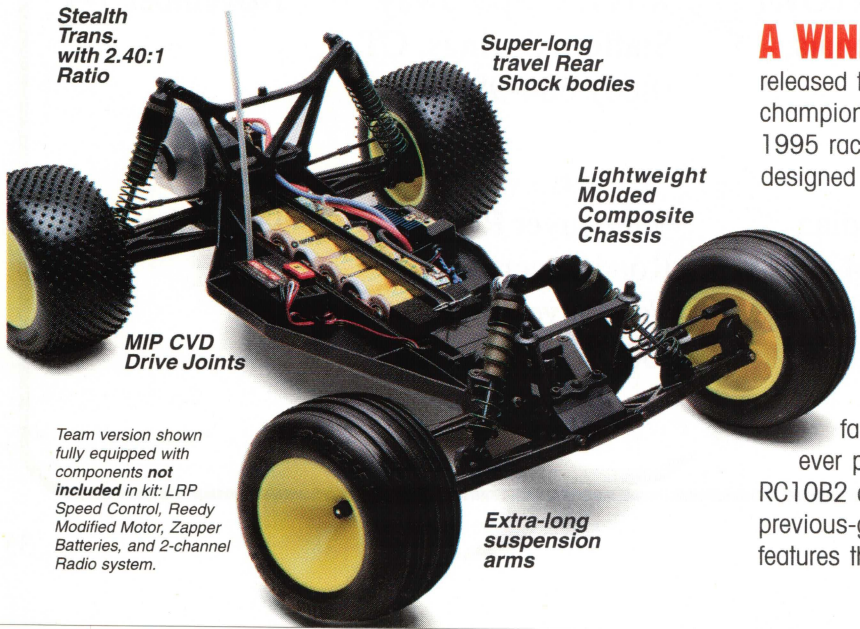
Then Dunbar rolled off the big jump, and Hodapp retook the lead. two laps later, Dunbar rolled off of the big jump again, and Baker got by to take over 2nd. Baker was gaining on Hodapp, and now was just five feet behind, when Hodapp rolled off the big jump, with Baker going into the lead. Just when it looked like Baker had it won, on the last lap, he went too wide over

ROAR CALENDAR

EVENT	LOCATION	DATE
Gas On-Road Nationals	Tri-State R/C Cincinnati, Ohio (513) 984-5410	August 25-31
Paved Oval Nationals	King Superspeedway King, North Carolina (910) 983-3969	September 19-21
Carpet Oval Nationals	K/N R/C Speedway Stafford Springs, CT (860) 684-9896	November 7-9
Canadian 1/12 4-Cell Champs	Vancouver RC Road Racers Vancouver, Canada (604) 945-3888	December 6-7

T3

NOW PLAYING.



*Team version shown fully equipped with components **not included** in kit: LRP Speed Control, Reedy Modified Motor, Zapper Batteries, and 2-channel Radio system.*

A WINNING HISTORY. In 1991, Team Associated released the RC10T, a racing truck based on the most successful, championship-winning offroad car of all time, the RC10. The 1995 racing season saw the introduction of the computer-designed RC10T2, which proved to be even more successful than its predecessor, garnering numerous national titles, including 2 NORRCA World Cup Championships, as well as RC Car Action's "Truck of the Year," again.

THE SEQUEL. Now, Team Associated introduces the RC10T3, and raises the benchmark of truck performance once again. Simply stated, the T3 is the fastest, lightest, and best handling offroad truck we've ever produced. Based on the high-tech molded composite RC10B2 chassis, the T3 is stronger and more rigid than the previous-generation T2, yet lighter in overall weight. The T3 features the race-proven Stealth transmission with a beefy 2.4:1



ratio for effortless power handling, and MIP CVD's™ to further enhance drivetrain efficiency. New suspension technology developed in the World-Champion RC10B2 has also been incorporated into the T3, with extra-long suspension arms for greater stability and improved rough-track handling. The front end's steering geometry has been optimized with redesigned steering blocks and 30° caster blocks for improved Ackerman, increased rigidity, and less front end free-play.

What all this means is... ***it's easier to go faster now!*** Team Associated's RC10T3. Catch its award-winning performance at a track near you.

RC10T3

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ad #1027-133

the double doubles, and Dunbar took the lead and the win. That was 4 minutes of great racing.

TRUCK A MAIN #3

1st - BRIAN DUNBAR
2nd - BARRY BAKER
3rd - GREG HODAPP
4th - MATT LEE
5th - J.R. MITCH
6th - GABE BOUDREAU
7th - SCOTT BROWN
8th - MARK FRANCIS
9th - MARK PAVIDIS
10th - BRIAN KINWALD - DNS

TRUCK OVERALL RESULTS

PLACE DRIVER TRUCK MOTOR
1st - BRIAN KINWALD - LOSI - TRINITY
2nd - GREG HODAPP - LOSI - TRINITY
3rd - BARRY BAKER -RC10T3 - MAXTEC
4th - BRIAN DUNBAR - LOSI - GM
5th - GABE BOUDREAU - LOSI - TRINITY
6th - MATT LEE - LOSI - PEAK
7th - J.R. MITCH - LOSI - TRINITY
8th - MARK FRANCIS - RC10T3 - REEDY
9th - SCOTT BROWN - LOSI - TRINITY
10th - MARK PAVIDIS - RC10T3 - REEDY

TRUCK B MAIN

1st - ALEX GUERRERO
2nd - TOBY WALKER
3rd - MATT LEDGER
4th - DEREK FURUTANI
5th - AL MAZURKEWYCZ
6th - CLIFF LETT
7th - SOHRAB TAVAKOLI
8th - AUSTIN DVORAK
9th - CHUCK BERG
10th - RANDON HAYES

TRUCK C MAIN

1st - BILLY EASTON
2nd - WES KASPER
3rd - RANDY KONRUF
4th - CHRIS WHITE
5th - FROSTY ST. CLAIR
6th - DUSTIN BREWER
7th - ADAM DRAKE
8th - SCOTT HUGHES
9th - RHETT MCNAIR
10th - TRAVIS SCRAMBLING

4WD A MAIN #1

Gabe Boudreau got a great launch at the start, but then had to hit the brakes going into the first corner, to keep from hitting Brian Kinwald. This got everyone behind Gabe all tangled up at the start.

Brian had the lead, with Boudreau in 2nd and Alex Guerrero in 3rd. On the 3rd lap, Guerrero got by Boudreau, but then Boudreau immediately got by Guerrero, to take back 2nd.

Pavidis had gotten stuffed in the first corner, but was making up time fast, and now he was right behind Guerrero looking for a way to pass. He finally made an outside pass to go into 3rd. Then Mark caught up to Boudreau over the big jump, and passed him, but rolled over, and Boudreau went back into 2nd. Mark was right on Boudreau's bumper, but couldn't find a spot for a clean pass.

4WD A MAIN #1

1st - BRIAN KINWALD
2nd - GABE BOUDREAU
3rd - MARK PAVIDIS
4th - CHRIS BING
5th - SOHRAB TAVAKOLI
6th - MATT FRANCIS
7th - BARRY BAKER
8th - ALEX GUERRERO
9th - QUINCY HUGHES
10th - CHRIS WHITE

4WD A MAIN #2

Brian got away clean, but Mark Pavidis got rolled over in the 2nd corner, with Guerrero going into 2nd, followed by Boudreau and Mark. Boudreau and Mark got by Guerrero, but then, Mark got hung up on a pipe and lost a few places.

4WD A MAIN #2

1st - BRIAN KINWALD
2nd - GABE BOUDREAU
3rd - ALEX GUERRERO
4th - QUINCY HUGHES
5th - SOHRAB TAVAKOLI
6th - MARK PAVIDIS
7th - BARRY BAKER
8th - CHRIS WHITE
9th - MATT FRANCIS
10th - CHRIS BING

4WD A MAIN #3

Brian chose not to run this race, and it not only

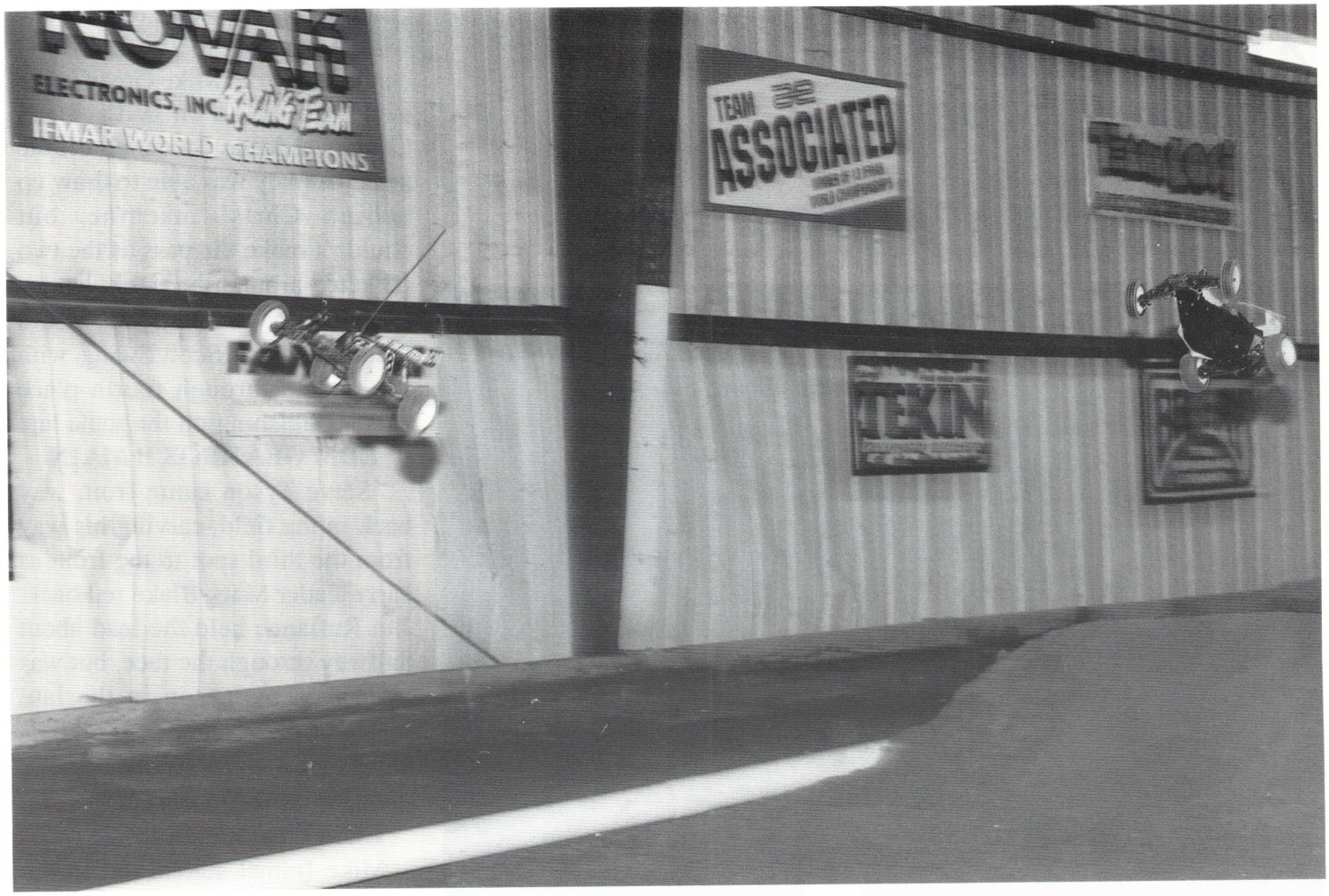
turned out to be the best race of the day, it was also the fastest race of the day. Boudreau took the lead, with Mark Pavidis right behind. Boudreau was going fast, and driving perfectly. Mark just couldn't find a spot for a clean pass.

Then, on the 5th lap, Boudreau went high in the sweeper, and Mark went by to take the lead. But, Boudreau wasn't giving up. He caught back up to Mark, and made a clean inside pass coming off of the big jump to retake the lead. Two laps later, Boudreau rolled off of the big jump, and Mark went back into the lead. Boudreau was trying hard to catch Mark now, but he ended up rolling it coming onto the straight, giving Mark a big lead. In winning one of the most exciting races of the day, Mark was also the only driver of the day to turn 14 laps.

4WD A MAIN #3
1st - MARK PAVIDIS
2nd - GABE BOUDREAU
3rd - ALEX GUERRERO
4th - BARRY BAKER
5th - MATT FRANCIS
6th - SOHRAB TAVAKOLI
7th - CHRIS WHITE
8th - QUINCY HUGHES
9th - CHRIS BING
10th - BRIAN KINWALD - DNS

4WD OVERALL RESULTS
PLACE DRIVER CAR MOTOR
1st - BRIAN KINWALD - XX4 - TRINITY
2nd - GABE BOUDREAU - XX4 - TRINITY
3rd - MARK PAVIDIS - YOKOMO - REEDY
4th - ALEX GUERRERO - XX4 - MAXTEC
5th - SOHRAB TAVAKOLI - XX4 - TRINITY
6th - BARRY BAKER - YOKOMO - MAXTEC
7th - MATT FRANCIS - XX4 - TRINITY
8th - QUINCY HUGHES - XX4 - PEAK
9th - CHRIS BING - XX4 - TRINITY
10th - CHRIS WHITE - XX4 - PEAK

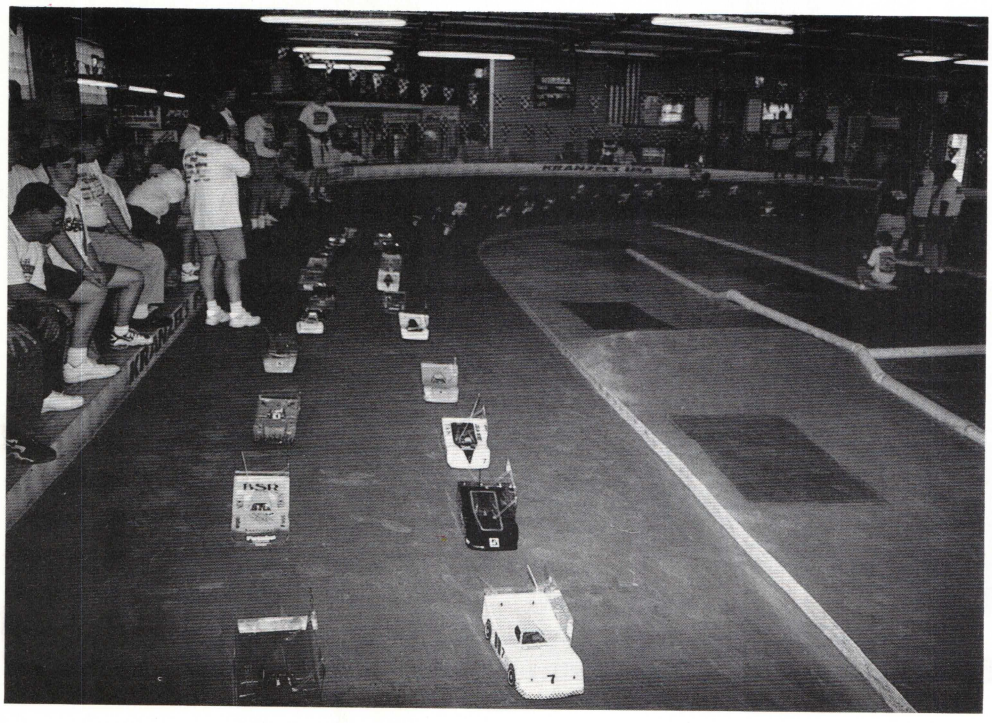
CP



7TH ANNUAL NORRCA DIRT OVAL NATIONALS

AT KRANZEL'S LEMOYNE, PA

BY DAVE LAWRENCE



EXPERT 2WD
STOCK A MAIN

Nick Rank eclipsed the competition as he led pole to pole for the win, leaving the fight for second to Shane Kocher, then Eric Beltz and Mike Green,who moved past Beltz near the end of the race. The race for second through fifth was tight, with all finishing on the same lap.

EXPERT 2WD
STOCK B MAIN

Brad Ferks aced the B main as he outdistanced both Peter D'Agnolo and John Case by two laps. Jason Edwards ran in second til halfway, eventually falling back to fourth.

EDM GEARBOX A MAIN

Chris Robbins was able to get a good start off the line, holding the lead from start to finish, with - challenges from Mike Green in the early going, then with Mike Conkey as Mike Green fell off the pace. Conkey was able to draw up behind Chris' machine, but couldn't make the pass as the two rocketed around the track, lap after lap. Terry Schmitt was also a factor as well as Scott Ewing, with the second through fourth place cars all finishing on the same lap.

EDM GEARBOX B MAIN

Steve Tyson came from way back in the field, carving his way from the third spot to the front as early leader Mark Blake fell back. Jim Rufiange held the lead about halfway through the race, but was overtaken by Tyson in the late stages of the race, with Jim holding down a solid second, on the same lap as the leader.

EDM GEARBOX C MAIN

Mike Immel started out in the

lead, only to hand it over to Tim Miller. Then Tim encountered some lapped traffic and in the ensuing tangle gave the lead back to Mike. Meanwhile Allen Mendenhall was working his way to the front from ninth starting position, making his way past Jason Tolley and Tim Miller to post a second place finish.

EDM GEARBOX D MAIN

This main was a seesaw battle between Clayton Robbins and Paul Sweitzer ending with both drivers on the same lap. Clayton came back from a dismal qualifying run

Below: The 2W winner, Nick Rank with the Trophy Girl. Left: Parade of Cars prior to the start of the day's events. Many of these cars, unfortunately would not go home looking this good.



Top: Team Cup, Kranzels RC Raceway, J.R. Sitman (NORRCA President), Randy Fisher, David Kranzel (shaking hands), Brian Breckenridge, Chris (trophy girl), Mike Green.



to move to the C Main.

EXPERT STOCK
SPRINT A MAIN

Jason Jackson led the early stages of the race as top qualifier Bert Brasz moved toward the front, with Bert taking the lead on lap 16. Meanwhile Frank Pal-omida was moving into position in third just behind the Jackson sprinter. Coming up on lapped traffic, Brasz got tagged as he passed the backmarkers letting Frank Palomida and Rodney Bauchnecht into the top two slots, and that's the way it ended, with Jason Jackson in third.

EXPERT STOCK
SPRINT B MAIN

Keith Steinle was able to move by both John Wohnus and Daryl Fogle as Fogle fell out of the race and Wohnus dropped back to second. Steinle took the checkers a lap ahead of Wohnus, while Kasey Hess motored to a steady third.

EXPERT TRUCK A MAIN

Accidents played a big part in this race as Mike Seace and Robert Monty were victims of this bumpy, bangy race. Paul Sweitzer was able to miss all the wrecks and took the lead late in the race. Kevin Allen also avoided contact and was able to close on the leader, but couldn't make the pass. Polesitter Dusty Dean had his share of contact but was able to salvage third place.

EXPERT TRUCK B MAIN

Mike Schell took an early lead, then gave up the lead after a massive crash. Jason Edwards led briefly until dropping out of the race. The lead then went to John Gallaher, who held it to the end. Russell May and Larry Ruby battled for second with May getting to the line just ahead of Ruby.

EXPERT STOCK
TRUCK C MAIN

An easy win for Rob Merritt as he advanced to the B Main.

EXPERT 2W
MODIFIED A MAIN

Mike Green took off in the early lead, but encountered traffic on lap three and fell back, as Kirby Hand blew by into the lead. A few laps later he relinquished the lead to John Armour, dropping Kirby to second. Hand took back the lead at about halfway, holding it until the end, while Armour fought off the charges of Shane Kocher. Ten laps from the end of the race, Kocher was able to get by and took over second, with Armour third.

EXPERT 2W
MODIFIED
B MAIN

Nic Case blasted off in first but was soon caught by Nick Rank. Polesitter Matt Wicka worked his way up through traffic and was on Rank's back door near the end of the race. At lap 33, Wicka passed Rank and Ferks made the pass over Nic Case and that's the way it ended.

EXPERT 2W
MODIFIED
C MAIN

Chris Robbins led pole to pole, easing by John Case for second.

EDM GEARBOX
MODIFIED A MAIN

Chris Robbins shot into the lead as polesitter Mike Conkey had problems early. Chris looked to have the race in hand when on lap 17 he was out, handing the lead to David Kranzel. Terry Schmitt made several attempts to get by the Kranzel machine, but couldn't get by. Same for Scott Ewing, who cruised around on the same lap with all three top finishers on the same lap.

EDM GEARBOX
MODIFIED
B MAIN

Mike Green led early with Jim Carr on his back bumper. On lap 20 Carr was able to surge into the lead, taking Henry Hobaugh with him, as Green fell to third. Late in the race Mike Green was able to to move back into second, a lap

Palomida continued to lead while all this was going on and just as it looked like an easy win, he caught the wheels of a lap car and David Kranzel shot into the lead with 3 laps to go.

behind Jim Carr.

EXPERT OUTLAW SPRINT A MAIN

A first lap accident changed the face of this race as many front runners were involved. This gave Frank Palomida the chance he needed to take the lead. Kirby Hand and Jay Landolt both held second, but traffic played a part in their finish, as both fell off the pace. Palomida continued to lead while all this was going on and just as it looked like an easy win, he caught the wheels of a lap car and David Kranzel shot into the lead with 3 laps to go. Brian Breckenridge was able to work his way up to third, 10 laps from the end, with Eugene Ryder on the same lap.

EXPERT OUTLAW SPRINT B MAIN

John Wohnus led with Skip Bornmueller getting by on lap two. From then on it was a battle between Eric Beltz and Scott Scramske as the lead went back and forth. Scott prevailed at the finish, with John Wohnus in third.

EXPERT OUTLAW C MAIN

A solid run for Jason Bornmueller as he ran in front from start to finish. Roger Dieter ran in second until halfway, handing second over to Bert Massengale. Terry McDonald also got past Dieter for third as Roger fell back to fourth.

1997 NORCCA NATIONAL CHAMPIONS
EXPERT 2W STOCK
NICK RANK (WI)

EDM GEARBOX STOCK
CHRIS ROBBINS (MN)

EXPERT STOCK SPRINT
FRANK PALOMIDA (NJ)

EXPERT STOCK TRUCK
PAUL SWEITZER (PA)

EXPERT 2W MODIFIED
KIRBY HAND (PA)

EDM GEARBOX MODIFIED
DAVID KRANZEL (PA)

EXPERT OUTLAW SPRINT
DAVID KRANZEL (PA)

TOP QUALIFIERS
EXPERT 2W STOCK
NICK RANK (WI)-50/4:03.77

EDM GEARBOX STOCK
MIKE GREEN (PA)-48/4:03.07

EXP STOCK SPRINT
BERT BRASZ (VA)-48/4:00.64

EXP.STOCK TRUCK
DUSTY DEAN (OH)-44/4:04.99

EXP 2W MOD.
BRI. BRECKENRIDGE (PA)-54/4:01.32

EDM GEARBOX MOD.
MIKE CONKEY (NY)-50/4:00.49

EXP OUTLAW SPRINT
BR. BRECKENRODGE (PA)
51/4:01.41

POST RACE NOTE

NORRCA Prez JR was with us once again this year, all the way from California and is justfiably proud of the large turnouts for the national events in the past several years.

HOT BODIES



NEW! 97' Dodge Dakota Gas Truck (All RC10GT's & GTX) #10409



NEW! 97' Ford F-150 Gas Truck (All RC10GT's & Losi GTX) #10403



NEW! 97' Chevy Gas Truck (All RC10GT's & Losi GTX) #10405



NEW! 97' GMC T2 (RC10T & T2) #10408



NEW! 97' Grand Prix SS #10109 & 10109L



NEW! 97' Ford F-150 SuperTruck #10112 & 10112L



New! 97' Taurus SHO (RC10DS & Others) #10701

Available Now!
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#10704 97' Acura NSX Touring Sedan
Coming Soon!
#10703 97' McLaren GTR Touring Sedan
#10705 Porsche GT-1 Touring Sedan

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Brian Langraff of Custom Works was also with us, as well as racers from California, Oklahoma, Wisconsin, Minnesota, Illinois and Missouri, as well as the neighboring states of Virginia, West Virginia, Maryland, Ohio and New York. We all came into Pennsylvania to once again compete on one of the finest racing facilities at Kranzel's in LeMoyne, PA for a four day race.

EXPERT 2W
STOCK A MAIN
1st - NICK RANK
2nd - MIKE GREEN
3rd - ERIC BELTZ
4th - BRAD FERKS
5th - SHANE KOCHER
6th - GEOFF KEETON
7th - BERT BRASZ
8th - NIC CASE
9th - DOUG ROHRER
10th - MIKE REEVES
EXPERT 2W STOCK B MAIN
1st - BRAD FERKS
2nd - PETER D'AGNOLO
3rd - JOHN CASE
4th - JASON EDWARDS
5th - MIKE KELM
EDM GEARBOX
STOCK A MAIN
1st - CHRIS ROBBINS
2nd - MIKE CONKEY
3rd - TERRY SCHMITT
4th - SCOTT EWING
5th - MIKE GREEN
6th - JIM CARR
7th - TERRY BROWN
8th - DANNY O'DONNELL
9th - BILL KIMPTON
10th - STEVE TYSON
EDM GEARBOX
STOCK B MAIN
1st - STEVE TYSON
2nd - JIM RUFIANGE
3rd - MARK BLAKE
4th - MIKE SEACE
5th - MIKE HURRELL
6th - NATE PECKHAM
7th - MIKE IMMEL
8th - JASON CARMAN
9th - VANCE WILLIAMS
10th - MIKE BEVAN
EDM GEARBOX
STOCK C MAIN
1st - MIKE IMMEL
2nd - ALLEN MENDENHALL
3rd - JASON TOLLEY
4th - TIM MILLER
5th - JOE POMPEII
6th - PHIL KOSICK
7th - CHARLES DANOSKI
8th - CLAYTON ROBBINS
9th - PERRY DOTTERKAN
10th - RON WILLIAMS, JR
EDM GEARBOX
STOCK D MAIN
1st - CLAYTON ROBBINS
2nd - PAUL SWEITZER
3rd - DAVE LAWRENCE
EXPERT STOCK
SPRINT A MAIN
1st - FRANK PALONIDA
2nd - ROD BAUCHNECHT
3rd - JASON JACKSON
4th - NICK DE ANGELIS
5th - VANCE WILLIAMS
6th - BERT BRASZ
7th - JIM BEACHLEY
8th - JESSE MURPHY
9th - DAN ROHDE
10th - KEITH STEINLE
EXPERT STOCK
SPRINT A MAIN
1st - FRANK PALOMIDA
2nd - ROD BAUCHNECHT
3rd - JASON JACKSON
4th - NICK DE ANGELIS
5th - VANCE WILLIAMS
6th - BERT BRASZ
7th - JIM BEACHLEY
8th - JESSE MURPHY
9th - DAN ROHDE
10th - KEITH STEINLE
EXPERT STOCK
SPRINT B MAIN
1st - KEITH STEINLE
2nd - JOHN WOHNUS
3rd - KASEY HESS
4th - TROY RHOTEN
5th - CHAD DRONEY
6th - ROB NULVANEY
7th - STEVE SHIELDS
8th - JEFF XELLER
9th - JASON CARNAN
10th - DARYL FOGLE
EXPERT STOCK
TRUCK A MAIN
1st - PAUL SWEITZER
2nd - KEVIN ALLEN
3rd - DUSTY DEAN
4th - MIKE SEACE
5th - LOREN TAYLOR
6th - MIKE HURRELL
7th - ROBERT MONTY
8th - JEFFREY ZARTMAN
9th - TRAVIS KEPLER
10th - JOHN GALLAHER
EXERT STOCK
TRUCK A MAIN
1st - PAUL SWEITZER
2nd - KEVIN ALLEN
3rd - DUSTY DEAN
4th - MIKE SEACE
5th - LOREN TAYLOR
6th - MIKE HURRELL
7th - ROBERT MONTY
8th - JEFFREY ZARTMAN
9th - TRAVIS KEPLER
10th - JOHN GALLAHER
EXPERT STOCK
TRUCK B MAIN
1st - JOHN GALLAHER
2nd - RUSSELL MAY
3rd - LARRY RUBY
4th - KEVIN BUONOCORE
5th - MIKE SCHELL
6th - ROB MERRITT
7th - JOSH BARRY

8th - PETER D'AGNOLO
9th - JAMES BENJANIN
10th - JASON EDWARDS
EXPERT STOCK
TRUCK C MAIN
1st - ROB MERRITT
2nd - DAVE LAWRENCE
EXPERT 2W
MODIFIED A MAIN
1st - KIRBY HAND
2nd - SHANE KOCHER
3rd - JOHN ARMOUR
4th - BR. BRECKENRIDGE
5th - MATT WICKA
6th - SCOTT SCHRAMSKE
7th - BRIAN LANGRAFF
8th - MIKE GREEN
9th - JIM RUFIANGE
10th - KEITH STEINLE
EXPERT 2W
MODIFIED B MAIN
1st - MATT WICKA
2nd - NICK RANK
3rd - BRAD FERKS
4th - NIC CASE
5th - CHRIS ROBBINS
6th - EUGENE RYDER
7th - BERT MASSENGALE
8th - GEOFF KEETON
9th - MATT KIRBY
10th - ROGER DIETER
EXPERT 2W
MODIFIED C MAIN
1st - CHRIS ROBBINS
2nd - JOHN CASE
3rd - ED THURESSON
EDM GEARBOX
MODIFIED A MAIN
1st - DAVID KRANZEL
2nd - TERRY SCHMITT
3rd - SCOTT EWING
4th - JIN CARR
5th - DANNY O'DONNELL
6th - MIKE CONKEY
7th - BILL KINPTON
8th - CHRIS ROBBINS
9th - BRIAN BURKHART
10th - RANDY FISHER

EDM GEARBOX
MODIFIED B MAIN
1st - JIM CARR
2nd - MIKE GREEN
3rd - HENRY HOBAUGH
4th - JOE POMPEII
5th - TERRY BROWN
6th - CAM CASE
EXPERT OUTLAW
SPRINT A MAIN
1st - DAVID KRANZEL
2nd - FRANK PALOMIDA
3rd - BR. BRECKENRIDGE
4th - EUGENE RYDER
5th - BERT BRASZ
6th - KIRBY HAND
7th - JAY LANDOLT
8th - MIKE KELM
9th - RANDY FISHER
10th - SCOTT SCHRAMSKE
EXPERT OUTLAW
SPRINT B MAIN
1st - SCOTT SCHRAMSKE
2nd - ERIC BELTZ
3rd - JOHN WOHNUS
4th - SKIP BORNMUELLER
5th - ED THURESSON
6th - BRIAN BURKHART
7th - JAS. BORNMUELLER
8th - DAN ROHDE
9th - KENNT CARCELLER
10th - ROBERT LEASE
EXPERT OUTLAW
SPRINT C MAIN
1st - JAS. BORNMUELLER
2nd - BERT MASSENGALE
3rd - TERRY MC DONALD
4th - ROGER DIETER
5th - RON WILLIAMS, SR.
6th - ROB MULVANEY
7th - TOM POSTALWAIT
8th - CAM CASE
9th - GARY LANDOLT
10th - ALM DUFFY

Expert Stock Sprint. Keith Steinle, Vance Williams, Jason Jackson, National Champs in front Frank Palomida, Jessie Murphy, Rodney Eaukneht, James Beachley, Nick DeAngelis.



The heir apparent in 4WD off-road?

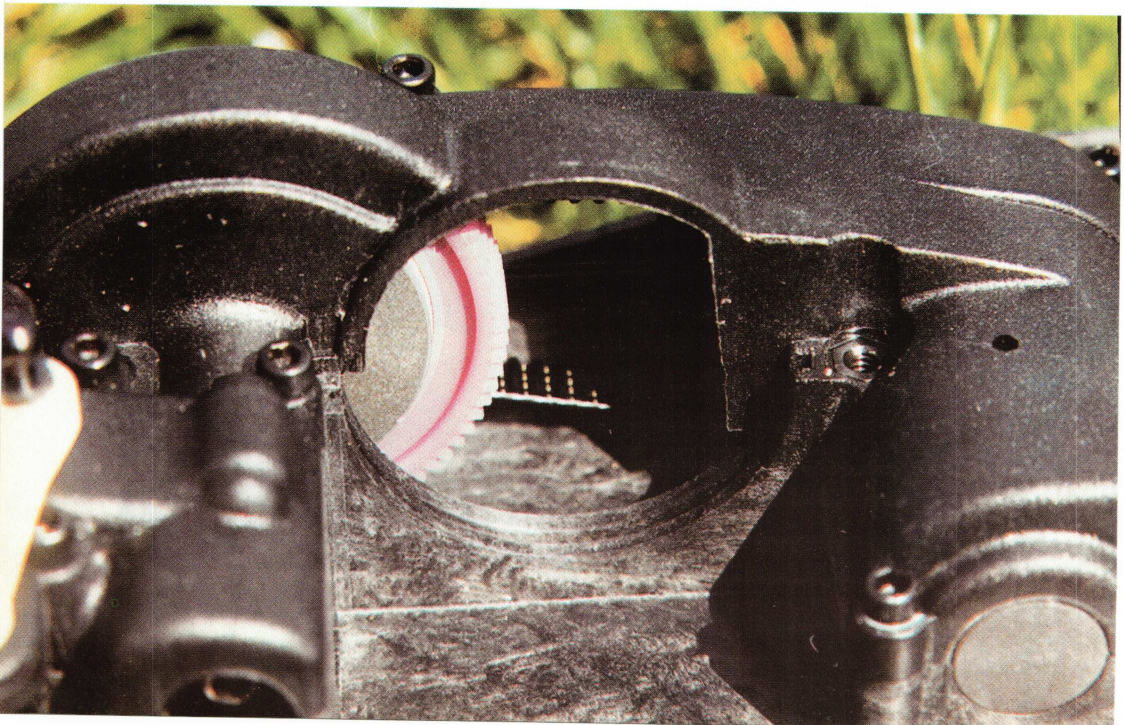


By Bill McCall

Team Losi's entry in the 4WD off-road market has indeed been a long time coming. They denied its existence up until the prototype began hitting the tracks. Having raced in 10th scale off-road for 10 years, I remember when this was the most popular class at our track. The Optimas, Schumacher Cats, and a few Yokomo Dogfighters would do battle every Sunday.

Racers and industry insiders don't really agree with what caused the down turn in this class at about the time that 10th scale electric off-road racing was just hitting its peak.

There may not be one single reason the class began to decline. Perhaps one of the reasons may even have been Team Losi itself! The original JRX2 brought quite a bit of excitement back into 2WD buggies. Suddenly it wasn't just the RC10 and Ultimas any more. Team Losi pioneered lower pricing into the 2WD off-road market. While the 2WD competition thrived, the difference in cost between the two classes of racing widened. This may have been one of the biggest reasons for the decline of the class in the U.S. and Canada.



Top: The Losi car may seem wild and hard to tame, however, it is very easy to set up. Left: The mid motor mount design makes for quick motor changes and for easy gear mesh adjustments. Right: The drive train is well sealed. Note: the tires are actually not mounted correctly. They are simply put on to give you a look at the finished rolling chassis.

I often wondered if Team Losi would try to do for 4WD what they did for 2WD. As recently as the ROAR Off-Road Nationals in Tampa (Fall '94) Junior denied the fact that a 4WD was in the works. He sighted the lack of American interest in the class as a reason it hadn't happened. At the time, the Team Losi drivers who also ran 4WD mostly ran the YZ10 in this class.

While I'm not totally sure what changed their minds, after several delays, the XX4 finally hit the stores this past April. I could speculate as to what the delays were, but I don't think it was just hype when they said they wanted to make sure the car was ready before they shipped it.

Reports were coming back in from team drivers in the field right up to the last minute. Adding in what I knew were a couple of manufacturing delays. We can all concede that it took longer than the Losis wanted it to. While the resulting buggy may not be perfect, the race results are already coming in. The most recent prototypes are winning races. When the first production kit wins a big race (probably by the time you read this review) I'm sure we will hear about it!

Building any kit can be made easier by a good instruction manual and having all the correct parts. Losi's manuals have been top notch right from the very start. Ensuring that the kits have all the correct parts hasn't always been perfect for Team Losi. (Are they better or worse than any one else? I can't be objective here as I have built twice as many Losi products as any from any other manufacturer.) I can say I have seen efforts to reduce problems and a strong commitment to customer service in seeing that problems are quickly handled. One of the ways Team Losi has made this happen is to put quality control numbers on each parts package. This will allow them to quickly determine the cause of any problems that comes up. Having been a QC Manager in a manufacturing environment I know it is impossible to prevent all problems in a team environment, but clearly they are making the effort to ensure a quality product.

If Team Losi has achieved perfection in this area, they may next be able to improve the perception of their QC process by repackaging some of the parts in this kit. Three times, while building the XX4 I thought I had been shorted a part. After double checking and one time triple checking myself, the part showed up. Each time it was a small part that showed up inside of a larger part. I'm sure they will receive a few calls about missing parts, whether they are missing or not. Good kit building skills on our part will help prevent that from happening. As you remove parts from the box and bags, check them carefully. Under some light conditions it can be very easy to miss a C clip or a shim that is still inside of one of the plastic bags.

As I've said in many reviews of Losi products, I really admire their instruction manuals. The XX4 manual was up to the usual high standards. If I had to find fault with it, (this is really picky) there are a couple of places I can tell where the page breaks fell where the designers didn't anticipate. If text from a particular step doesn't make that much sense look ahead at the next page.

Every kit manufacturer, and so do I, recommends you read through the entire manual before you begin assembly. In the XX4 there are a couple of good reasons to do this. Despite the fact that the manual uses both a wrench and helmet symbol to note important parts of the manual, it really helps to have grasped the concept of what that part you are working with does. Even if you have built a 4WD car before, there are a few items that are unique to this vehicle that are worth reading.

Reading the TIPS FROM THE TEAM section before construction will help you understand the tips throughout the manual during the critical construction phase. This is especially true of the diff, slipper, and clicker adjustments. One more small point about the manual before I go on with the building of the car. For those of you new to 4WD keep in mind there are 2 differentials to adjust in this car. The ADJUSTING THE DIFFERENTIALS sections of the manual is very well written. This section refers you to figure 91 on page 36. Perhaps this important tip justifies a separate illustration? It also might make a good segment in an instructional video like the one that came with the GTX and Junior 2.

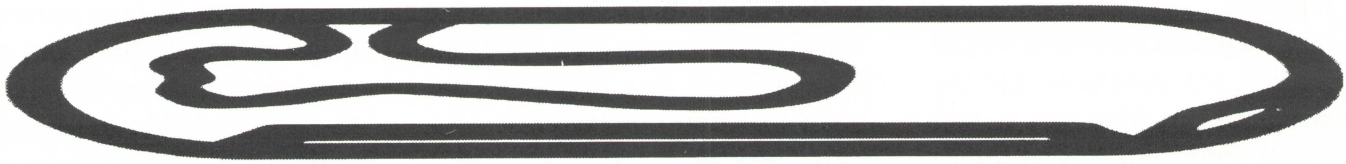
Building the XX4 was as easy as a 4WD car may ever get. There were only two parts of the assembly to watch out for. Early on in

KYOSHO USA

TEAM ASSOCIATED

NORRCA

1997 Road Course Nationals



WESTERN RC RACEWAY, 6404 RICHMAR , LAS VEGAS, NV

OCTOBER 25TH - 26TH

ROBINSON RACING

Andy's

BSR Racing TIRES

PARMA PSE PRO SERIES EQUIPMENT

COMPETITION PLUS.

HobbyTown USA

JACO

TWISTER

XTREME R/C CARS

Entry Fees: $50.00 for Sportsman Stock (includes 1 handout motor), $40.00 for all others. Entries received after 10/18 add $10.00
Hotel: There is no host hotel. BoomTown (800) 588-7711 Vacation Village (702) 897-1722 Luxor (800) 288-1000
Schedule: 22nd-23rd open practice, 24th controlled practice **(if necessary)** 10am - 5pm , 3 qualifiers on 25th, Mains only on 26th. 25th check-in 7am-9am , mandatory drivers meeting 9:30am, 1st qualifier 10am. October 26th track opens 8am, concours 9am, mains at10am. All Experts will run triple "A" mains.(1st =100pts, 2nd =99, etc., best two mains count, worst main will only be used as a tie breaker). **6 cell maximum all classes. 2000 MAH batteries only in expert class. Pre-Entries close 10/18. Entries received after 10/18 will pay $10 additional and will receive a shirt. 10th Annual Team Cup Challenge:** GTP OR WSC BODIES ALL CLASSES EXCEPT TOURING. ENTRIES CLOSE OCTOBER 24TH, NO EXCEPTIONS! NO PHONE OR FAX ENTRIES! **NORRCA 909-944-5381. STEVE STROBL 702-458-6758. Mail entry form with check to NORRCA 1042 N Mountain Ave. #225. Upland, CA 91786.**

1997 PAVED ROAD COURSE NATIONALS ENTRY FORM

ONE ENTRY PER FORM

(for a confirmation letter, enclose a self addressed stamped envelope)

NAME_____ PHONE # _____ Shirt Size _____ **1 Shirt Per Driver**
CAR#_____ NORRCA # _____
(1) SPORTSMAN STOCK____ **(2)** EXPERT STOCK ____ **(3)** SPORTSMAN MOD. ___ **(4)** EXPERT MOD. ___
(5) 1/12TH EXPERT STOCK ___ **(6)** 1/12TH EXP. MOD. ___
(7) TOURING CAR SPORTSMAN MODIFIED___ **(8)** TOURING CAR EXPERT MODIFIED ___
FREQUENCIES 1._____ 2._____ 3._____ FREQUENCIES 1._____ 2._____ 3._____

the kit the instructions give you important areas to watch out for flashing from molded plastic parts. Take the time to remove all flashing with an exacto and 100 grain sandpaper even in parts where they don't tell you to. If it doesn't add to the vehicle's performance, it will save your knuckles when you do maintenance work. It took a considerable amount of flashing removal to get the steering working as smoothly as it should.

Losi mentions that there will be a bearing kit available for the steering system. I'm sure it will probably help, but if you aren't going to wait, take the time to make sure the steering system works smoothly before and after each step in the front end.

In building the XX4 there was only one step where I had to ask my wife, daughter, and cat to leave the house to protect their ears from the bad language I was uttering. While building the front diff in steps 33-34 you install O-rings on the large outdrive bearings. If it isn't clear to you on how to install these rings refer ahead in the manual to figures 43, 46, & 47. Securing the front cover takes both hands. Unfortunately, keeping the O rings in place requires a third one.

What I finally found works best is to complete the kit up through step 48, page 18, figure 47 without the O rings installed. When everything is tightened down and the fit is good, go back and reinstall the O rings and repeat the steps to install the front cover. Ideally Losi would provide a groove in the outside of the bearing ring for this O ring. Perhaps that isn't technically or just financially feasible, but I can wish can't I?

I would like to step back in time to discuss one more aspect of building the XX4. The rear shock tower in this car is made of Losi's "Stiffezel" plastic. I first saw this back in 1991 on their Junior 2 buggy. I wondered then if this plastic shock tower would hold up to the beatings of off-road racing. Six years later, it looks like they were right. Every buggy after the JRX-Pro has used this material. The rear shock tower on the XX4 is the most intricate piece of Stiffezel I have seen yet, but I won't say a word. I'm sure it will be alright!

Another aspect of building the XX4 reminds me of my all time favorite 4wd off-roader (till now) the Kyosho Optima Mid Turbo SE. Give me the solid wing mount of these two buggies over the wire and tube methods used in most buggies any day.

The final steps of adding the electronics into this buggy are integrated into the final assembly steps of the chassis. The motor mount is different than any I have experienced before. (See photo) I have to say I love it! It was so easy to take the motor in and out and adjust the gear mesh, I wondered why all buggies don't do it this way. Perhaps it is the mid motor mounting of this car that makes this practical in this application.

Mounting the steering servo is easier than in the most recent Losi buggies. However, with the long steering rod that is used and inherent steering stiffness, your stock servos may not be up to the task. Choose a high torque servo. (More on my choice later).

The tires and wheels of the XX4 are noteworthy. The new 5 spoke rims (yellow) come with the kit. Some of you have already been using these rims on your CR models. Veteran Losi builders will be reminded of the first time a Losi kit came with spoke rims. The rims on the original JRX where problem plagued. But looking at these rims you can see how far TL has come in their designing. The tires are the soft pin types and are good for many tracks. However, you will probably want to pick up a set of their newer sprint tires as they are great on the common low maintenance tracks that are so common these days.

The installation of the ESC, receiver and battery pack are relatively easy. However, since the XX4 utilizes saddle pack batteries you will be doing quite a bit of soldering on this car. Most of the top racers solder their own packs and use speed controls with solder posts and solder directly to their battery packs. In the XX4 you will be using the hottest motors, the most powerful batteries and top of the line speed controls. Good solder work is essential. Poor solder work is likely to lead to performance problems and radio interference. Good solder work will also help the fit of the battery packs into the chassis.

On how to position the wiring to the battery packs, I'm going to differ with Team Losi just a bit. In step 21 on page 30 of the manual, Losi says, "Running the jumper wire to the rear, behind the antenna post will surround the re-

XX-4 — SET-UP SHEET — TEAM LOSI Racing

DATE: 3/23/97

DRIVER: Matt Francis TRACK: SRS Arizona (Cactus Classic)

FRONT SUSPENSION

(CIRCLE OR CHECK CORRECT SETTINGS)

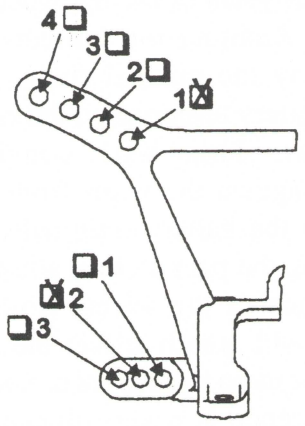
☐ TOE-IN / ☐ TOE-OUT: Ø °

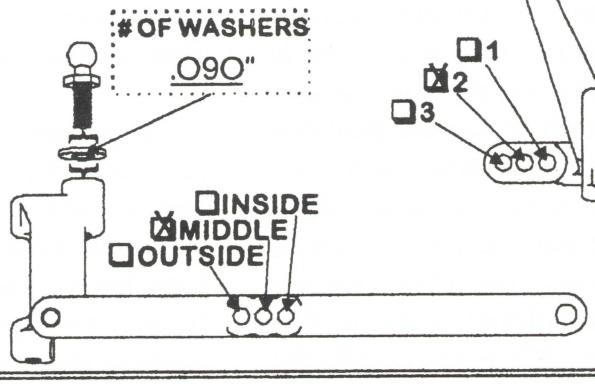
FRONT RIDE HEIGHT: Dogbones level

FRONT CAMBER: ± 1 °

SWAY BAR: ☒ NO, ☐ YES - SIZE: _____

NOTES: _____





FRONT SHOCKS

OIL: 30

PISTON: ~~5~~ ~~5~~ ~~6~~ ☒ DRILLED / ☐ STANDARD

SPRING: Green

LIMITERS: INSIDE- 'B' spacer, OUTSIDE- Ø

REAR SUSPENSION

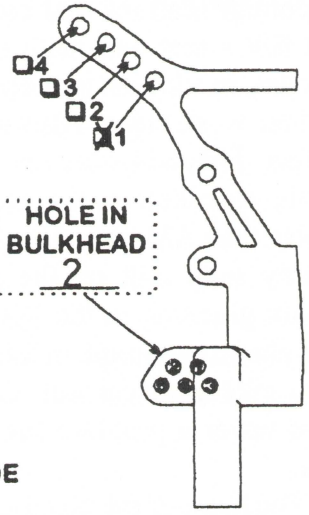
PIVOT SUPPORT: ☒ No shim,
☐ Shim under front, ☐ Shim under rear

REAR RIDE HEIGHT: Sliders level

REAR CAMBER: ± _____ °

SWAY BAR: ☐ NO, ☐ YES - SIZE: _____

NOTES: Plastic sliders installed on rear end.



REAR SHOCKS

OIL: 35

PISTON: 55 ☐ DRILLED / ☒ STANDARD

SPRING: White

LIMITERS: INSIDE- 'B' spacer, OUTSIDE- piston

DRIVE TRAIN & CHASSIS

FRONT TIRE: Sprint (cut and glued narrow) ☐ H.T., ☐ GOLD, ☒ SILVER, ☐ OTHER _____

REAR TIRE: Sprint ☐ H.T., ☐ GOLD, ☒ SILVER, ☐ OTHER _____

ONE-WAY/CLICKER ADJUSTMENT: Fairly loose

BATTERY PLACEMENT: Forward

NOTES: _____

MOTOR: Peak 11x2

PINION GEAR: 18

SPUR GEAR: 84

ceiver with battery wires that may cause interference." They are right. However, there are trade-offs. I do have a degree in electronics and spent a considerable amount of time during the CB craze of the late 70's resolving RF noise problems. (And Team Losi has years of racing experience).

Running the jumper wire the way the manual shows puts the battery terminals to the rear of the car. This will considerably lengthen the wires from the ESC to the battery terminals. Reversing the pack in turn allows you to shorten the wires. Both factors could greatly effect the potential for radio interference. Radio interference is a very dynamic thing and there are many other factors that can come into play. Two important additional notes on this subject are, follow to the letter the recommendations that come with all ESCs that deal with caps and diodes, in addition to keeping your solder work clean. Also note it is a fact FM radios are less susceptible to electrically generated noise than AM radios are. I've already seen talk on the internet about glitching in the XX4. Keep the above paragraph in mind when you take your car out. Glitching was never a problem for our test car.

The heart of the electrics in this form of racing, as in most, is in the motor. For this project, I knew before I started I would have to use a Peak modified motor. As Mario Andretti says, "A good motor can't make it to the finish line without a good driver", but you also have to have the horsepower. In 9 years of covering races for Competition Plus I have had the chance to see just about every motor run. Working for this magazine I have to try many of them. But in my race coverage, I notice that in certain classes of racing certain motors do better. I have always admired how well Peak motors have done in 4WD. Rick Howart of the Peak Team is always up front in the 4WD races I have covered. He chose, for me, the Peak EBX 11 double motor. He also uses Orion RC2000 cells so who was I to argue, especially with this being my first venture into 2000mah batteries.

For a speed control, there was no choice. I just had to have the new Novak Cyclone. Competition Plus will have a review of the Novak Cyclone in a later issue where we will put the programmability to the test. For the purpose of this review, I followed the simple "One-step Setup" instructions and was ready to go. For those of you who don't purchase the interface tools to re-program the Cyclone, it comes with 4 pre-programmed modes for you to select from. I chose the obvious off-road mode.

The radio for this project was a new one for me. As I mentioned above, I highly recommend a FM radio for this application. I've used one particular brand of radio for years. But I've never felt comfortable with the style of grip on their FM radio. This is a case where you, the readers have had a big effect on me the reviewer. For years, I have listened to you sing the praises of the Airtronics Caliber radio. Even though the other guys have finally come out with their equivalent model, I decided it was time to switch and I have to say I won't be looking back.

Not being that familiar with Airtronics servos, I called Mr. Jack Albrecht at Airtronics and discussed servo specs. We came up with the 94157 servo. Airtronics makes a couple of servos that are faster, and a couple with more torgue, but this one was the right combination of both and metal gears that I thought was right for a tough off-road application.

My local club had a couple of weeks left indoors when my XX4 arrived. Their track was small and tight with very limited jumps and short straights. Because of the small track I started with a 17 tooth pinion for my 11dbl Peak motor. My first impression was how much low speed steering I had. Through the tightest part of the track I was able to take some pretty short lines. Having driven 2WD buggies exclusively for the last 6 or 7 years, I had to retrain myself that I didn't have to back out of corners to the extent I am used to and I could get back on the throttle before the apex of most corners. Initially, the differential and slipper adjustments that are specified in the manual worked well. As the track started wearing during the day I ended up loosening the slipper adjustment as well as going up to a 19 tooth pinion.

As in most Losi manuals, they have you work the diff to seat the internal parts before you install the differential. I did this as described with both diffs. Still, the manual tells you the diff will work loose in the first couple of runs. Once again they were right. By my

third run a diff started coming loose and I was slow off the starting line. But which diff was it? I was slow off the line, but still quick through the turns so I guessed correctly it was the rear diff. As mentioned earlier the section in the manual about adjusting the diffs was very helpful and I was ready to go long before the mains.

Before the mains I lowered the ride height of the car to a little below the level set in the manual and moved the top of the shocks inward one hole on the tower. This arrangement worked well for our small flat track. The suspension worked so well that I found it difficult to get the car to leave the ground over what little bumps this track had. Of course that is a desirable trait. With a hairpin turn located 10 feet beyond this jump I was in a far better line than the 2WD buggies that I was competing against that day. This set me up for several Peak powered passes on the main straight that left me inside the competition at the next turn. My main was a full lap faster than the 3 qualifiers that day.

I can tell you after one day of practice and one day of racing, that the XX4 is the most fun off-road car to drive that I have seen in a while. It is quick and agile like most buggies, but the suspension and setup is very forgiving like that of a truck. You can get very comfortable driving this car very quickly. The setup of this buggy is also pretty versatile. You should be able to tune it to your track fairly quickly. Team Losi has begun publishing winning setups for this, and other cars, on their web site. I've included Matt Francis' winning setup in this review as an example.

From the web site you can also download a blank setup page to use in finding your own setups. Jack Johnson continues to keep adding to the value of Losi's web page.

I can't yet tell you how the XX4 competes against other 4WD competition, because there wasn't any yet. (Though I will be at the ROAR Region 5 off-road race in June). I hope that this gamble by Team Losi will pay off and we will see a resurgence in this class of racing.

Before I got to race for the 2nd weekend I had the opportunity to speak to many of you at the track and on the internet. Glitching as mentioned earlier, and the front bulkhead breakage are big topics among early XX 4 owners. Again, I have had no problems with my FM radio system in any capacity, but you must adhere to proper soldering techniques and use all the caps! As for the bulkhead, I was fortunate enough not to hit anything with the front end. On my third attempt, I did manage to bump a few of my fellow racers and I did come away unscathed. I see no evidence yet of front end damage, but I did speak to Team Losi Designer Gary Keyes and he said, "In any buggy you expect breakage, it is unavoidable and you try to design a car so it is the less expensive items that break first (bulkhead vs. shock tower or diff.) However, we have seen more breakage of the front bulkhead than we consider acceptable." At the time I went to press with this article, I was told that new bulkheads would be made available to everyone, but I haven't heard the final details.

My recomendations for this kit are pretty much in this article and the kit is very good out of the box. You will probably want the optional belt bearing kit and the steering bearing kit when they are available. With a stronger servo, and some effort in the building phase, the latter can be avoided. You may have other preferences, but I am extremely pleased with the performance of the Peak motor/Orion batteries/Novak Cyclone/Airtronics radio package and will personally recommend them when I am at the track.

LATE BREAKING UPDATE!

As mentioned in the review there has been many reports of racers breaking the front bulkheads of the XX4. As mentioned, Losi has recognized this problem and was making replacements available via distributors. At the time this article went to press, the Competiton Plus test car has survived several impacts to the front bumper. As it turns out, the bumper is the strongest part of the front end. The weakness occurs where the A arms attach to the bulkhead. A minor impact is on the outside of the A arm near the wheels is amplified and causes the bulkheads to sheer off. I'll let you know in coming issues how well the replacement works. I've also learned that Trinity has an aluminum unit available. For more info on the XX4, check out the Competition Plus XX4 web site at HTTP://ourworld.compuserve.com homepages/wmccall/xx4.htm

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 parking lot asphalt oval and road course. 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; 9180 East Indian Bend Rd., at Pima, Scottsdale, AZ (602) 948-3946.

HOBBYTOWN RACEWAY, TUCSON

If you've got it you can probably race it at this track! There are classes for 1/12, 1/10 and 1/8 scales in both gas and electric versions. There's off-road, dirt oval, paved oval and asphalt road racing here. Along with the tracks there's a hobby shop, snack bar, A/C power, auto count and R.V. access. The track is at 1102 E. 22nd St., Tucson, AZ 85704. Call them for their latest racing schedule at (520) 882-8888.

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

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.

GRAND SLAM HOBBIES AND SUPERSPEEDWAY

This high-banked outdoor concrete oval track with a 280 foot racing line (similar in shape to the full scale Dover Downs Speedway), hosts races for 1/10 and 1/12 scale racing. Lap counting is done by an AMB system. There is plenty of AC power and pit space. There's a fully stocked hobby shop as well as refreshments on-site. In addition to RC racing, there's a go-kart track, batting cages, mini golf and a driving range. Racing is held at 4 p.m. Saturdays during the warm months. The track is at 5300 S. Zero St., Fort Smith, AR 72904 - (501) 648-1994.

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.

LUCERNE VALLEY RACEWAY

Off-road gas and electric cars race on this outdoor track. The surface is dirt, and in addition to the circuit there is a hobby shop and A/C power. The track is at 32800 #4 Old Woman Springs Rd. (P.O. Box 2047), Lucerne Valley, CA 92356. (619) 248-7305.

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.

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.

FREEDOM PARK RACEWAY/VENTURA ROAD RUNNERS

Racing form 1/12 and 1/10 gas and electric cars. Racing classes consist of off-road, dirt oval and on-road on this outdoor track. Along with RV access, there is A/C power and scoring is done with the use of an auto-count system. The track is at 520 Freedom Park, Camarillo, CA 93010. Call (805) 482-3391 for the latest racing schedule or furhter information.

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 19118 Brookhurst St., Huntington Beach, CA 92646. The phone number is (714) 963-7484 Fax (714) 963-0454.

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.

RACE PREP RACEWAY

Indoor racing for 1/10 scale electric off-road cars. Along with the dirt track there is a hobby shop, snack bar and A/C power. The track is at 20115 Nordhoff St., Chatsworth, CA 91311 - (818) 709-6800.

THE "JUST FOR FUN" R/C RACEWAY

Gas and electric 1/12 and 1/10 racing. Classes for paved oval raced outdoors. Along with the track there is a snack bar, A/C power and scoring is done with an auto count. The track is at 509 South State St., Ukiah, Ca 95482. Phone them at (707) 462-7305 days, Mon. - Sat., and ask for Jammn' Jeff or Don Moir.

K & M RACEWAY

This outdoor track races off-road on the dirt. To go along with the track, there is a hobby shop, snack bar, a/c power and scoring is done by auto-count. Racing is on Friday and Saturday night. The track is at 22474 Barton Rd., Grand Terrace, CA 92313 - (909) 783-0899. Please ask for Norm Young.

CALIFORNIA R/C RACEWAY

This track features a dirt off-road track, for electric buggies. Along with the track there is a hobby shop and A/C power. The track is at 14568 Arrow Hwy., Fontana, CA 92335. Phone Joey King at (909) 822-0226 for the latest racing schedule.

SHOWTIME R/C SPEEDWAY

1/12th, 1/10th, Spec classes and gas racing on a banked concrete oval and road course. AC power, driving stand has wheelchair ramp, parts available on site and there is RV access. For information and current race schedule call Grant or Karen Kniffen at (805) 589-0493 Bakersfield, CA.

R.A.C.E.

1/12h & 1/10th gas and electric outdoor on-road asphalt racing is available at this location. The facility is complete with a hobby shop and AC power for the pits. 724 Mangrove Ave., Chico, CA 95926 for more info call (916) 899-2977

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.

RACIN' PLACES

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

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.)

QUEEN CITY R/C RACEWAY
Racing for 1/12 and 1/10 scale electric on-road and oval cars on an indoor carpet track. Along with the circuit, there is a Hobby Shop, AC power and an auto count for scoring. The track is at 6090 W. 44th St., Wheat Ridge, CO 80033. Phone them at (303) 940-1311.

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 electric off-road and oval racing on a dirt track. The facility is outdoors, located at Society Rd, East Lyme, CT (Behind the Junior High School). For info call Steve Brown, (860) 739-2911.

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

BRANFORD RC SPEEDWAY (SCOTT'S GUN & HOBBIES)
1/10, 1/12 & 1/8 scale outdoor electric on-road and concrete oval. Track is complete with hobby shop, computer lap counting system and RV parking. For information call (904) 935-0758. The track is located at 26690 61st Rd., Branford, FL 32008

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.

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.

NAPLES OFF-ROAD RACERS ASSOCIATION

This outdoor clay track has races for 1/10 scale off-road electric cars. The club does its scoring with an auto-count Track is at 3300 Santa Barbara Blvd., Naples, FL 33999. Call for information (941) 263-6861 or 455-9065.

MIAMI R/C

This track races both 1/10 and 1/8 gas cars, on an asphalt road course. For accurate scoring the track uses and auto count system. Phone them at (305) 380-6275 for track location and schedule.

R/C AMERICA

This track races electric on-road for both 1/12 and 1/10 scale cars. The track is outdoors on asphalt, and scoring is done with an auto-count. Call (305) 220-9359 for track location and race times.

GEORGIA

ECHECONNEE SUPERSPEEDWAY

This outdoor concrete oval holds races for 1/10 and 1/12 electric cars. Along with the track there is A/C power, an auto count and RV access. The track is at 2149 Richardson Dr, Macon, GA 31206. Phone them at (912) 788-8731 for their latest schedule.

SILVER WINGS HOBBIES & RACETRACK

Indoor 260 ft. 1/10 scale concrete oval. Complete hobby shop, plenty of electrical. Racing Saturday 6:00 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.

SUGAR BOWL R/C SPEEDWAY

Both gas & electric 1/12 and 1/10, on and off-road cars can race at this facility. Tracks include an off-road, road course and paved oval. All circuits are outdoors. Along with the tracks are a hobby shop, snack bar, A/C Power, auto-count and there is RV Access. The track is at 5272 Nelson Brogdon Blvd., Sugar Hill, GA 30518 - (770) 945-6709.

HAWAII

PEARL CITY RACEWAY

Hawaii's only dirt oval track. Races are held every Friday night. The action alternates between 1/10th electric dirt oval and off-road racing. Call Total Radio Control Center for details and directions to the track. Ttoal Radio Control Center, 98-029 Hekaha St., #32, Aiea, HI 96701 (808) 487-5155, fax (808) 487-0198.

IDAHO

CAPITAL DIRT BURNER

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.

SNAKE RIVER R/C RACEWAY

Both 1/12 and 1/10 gas and electric cars can race at this facility. There is off-road and dirt oval, and the facility features a hobby shop, snack bar, AC power and there is also RV access. The site is at 265 Hi-Way 50, Hansen, ID 83334. Phone them at (208) 423-5122.

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.

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.

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 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 (630) 759-7557.

INDIANA

BREMEN RACING ENTERPRISES

This indoor track features racing for electric on-road 1/12 and 1/10 cars. The track is carpeted, and there is also a snack bar, A/C power and an auto-count. Call (219) 546-3807 for information on track directions and racing schedule.

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

RACIN' PLACES

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 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.

ROD'S OFF ROAD TRACK

As the name suggests, this is a facility for 1/10 scale off-road. The circuit is for electrics, and the battles are waged outdoors on dirt. There is also A/C power. The track is at 800 N. Division, Bristol, IN 46507. Phone them at (219) 848-7848.

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.

MARBLE'S HOBBY SHOP

Both 1/12 and 1/10 electric cars can race here. There are classes for off-road and on-road, along with dirt oval and paved oval. The tracks are indoors and out, and feature surfaces of carpet and dirt. Along with the tracks there is a hobby shop, snack bar, A/C power and RV access. The track is at 4685 S.E. 40 St., Des Moines, IA 50320 - (515) 262-7507.

RADIO CONTROL RACEWAY PARK

This facility features races for 1/10 scale electric off-road cars on an indoor carpet track. There's alos a hobby shop, snack bar, A/C power and scoring is done with the use of an auto count system. The track is at 2100 1st Ave North., For Dodge, IA 50501. Phone them at (515) 576-3780.

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

J. R.'S RACE PLACE

Maryland's premier off-road facility. Hobby Shop on the premises. Season runs from April to October with racing every Sunday at noon. All classes of off-road including 1/8th scale gas. The track is located at 3649 Gelston Dr., Balto, MD 21229. For more information call James Radford at (410) 947-2766 fax (410) 947-2777

THE RACER'S EDGE

1/10th electric and gas off-road and dirt oval. The track is located at 1911 Lindemann Lane, Lutherville, MD 21093, (410) 252-7699

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

UCLA HOBBIES

This track features an outdoor dirt oval and offroad track along with an indoor 1/18 tri-oval, 1/24 slot car track and slot drag strip. Coming soon is an indoor dirt off-road track. The facility is complete with a hobby shop, snacks and a pit area with A/C. There is also a motel and bar for food and beverages next door. 2190 Clear Lake Rd., West Branch, MI (exit 212 off I-75, 160 miles north of Detroit Metro area). For more information call (517) 345-8004.

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.

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.

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.

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.

FREEDOM HILL R/C RACEWAY

This track is outdoors and is for dirt oval and off-road 1/10 and 1/8 gas and electric cars. Along with the track there is A/C power and scoring is done via an auto-count. Contact Curley Grewe at (810) 776-5483 for more information.

THUNDER ROAD RACETRACK

Electric cars in both road and paved oval race at this track. There are classes for both 1/12 and 1/10 sclaes, and along with the tracks there is a hobby shop, A/C power, an auto count and RV access. The track is at 110 Centennial Dr., Livingston, MI 59047. Phone them at (406) 222-1352.

NORTH WEST MICHIGAN R/C CLUB

This track races both on and off-road, along with paved oval racing, for cars that are 1/12 and 1/10 scale. Racing is for both gas and electric, and they also race indoors and outdoors. This complete facility also features a hobby shop, A/C power and scoring is done with an auto count. The track is at 744 Munson Ave., Traverse City, MI 49686. Call them at (616) 947-6670 as they have a winter and summer season of racing.

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.

DUEY'S HOBBIES AND R/C RACEWAY

This indoor track has racing for 1/10 and 1/12 electric on-road cars. The track is on carpet, and there is also AC power and a snack bar. The track is at 6600 Cahill Ave., Inver Grove Heights, MN 55076 - (612) 450-1721.

MISSISSIPPI

JACKSON R/C RACING ASSOCIATION

Car and truck racing Sundays at 10:30 a.m. and Tuesdays at 6:00 p.m.

RACIN' PLACES

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.

FAST FREDDY'S RACEWAY

Both gas and electric cars can race at this track. There are scales for 1/10 and 1/8 on their outdoor off-road and dirt oval tracks. Along with the circuits there is also a hobby shop, snack bar, A/C power and R/V access. The track is at Hwy. 19, 10 miles North of I-10, in Saucier, MS. Call them at (601) 832-0315.

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.

GREENTREE R/C PARK

St. Louis Dirt Burners R/C Club races every Sunday at this 150' X 80' off-road track. There's plenty of pit space, A/C power and shade. The AMB lap counting system accurately counts electric trucks, and buggies, as well as those of the gas variety. The snack bar, lots of racers and the wheelchair accesable driver's stand makes this place totally fun. the track is located in Kirkwood's Greentree Park on Marshall Rd., across from the ballpark. Free practice Mon.-Sat. For more information please call (314) 831-2194.

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 & O 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.

DANSEY'S INDOOR R/C AND HOBBIES

This track races 1/10 scale electric cars indoors on dirt, track changed monthly. There's also a hobby shop and A/C power. The track is open 10 a.m. - 9 p.m. Tuesday thru Sunday. Races Tuesday, Friday and Sunday. Parking lot races monthly, gas cars also welcome. Car rentals available by the hour or the half hour. Handicap access to drivers' stand. Track is located at 741 N. Nellis, Las Vegas, NV 89110, (702) 453-7223.

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.

AXIS RACING R/C DRAGWAY

Both gas and electric 1/10 and 1/4 scale drag cars are what will be racing at this track. The circuit is outdoors on asphalt. The track is at 197 High Street, Hampton, NH 03842. Phone them at (603) 926-5211.

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 oval. Tracks are both indoors and out, and there is also a hobby shop, snack bar. auto scoring, RV access and A/C power. The track is in 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 1/12 and 1/10 scales cars. Dirt oval, as well as paved oval are the game here. The circuit also features a hobby shop, 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

TARMAC (Tri-State Area Radio Control Model Auto Club)

Featuring an outdoor asphalt on-road track for 1/12, 1/10 & 1/8 scale gas and electric cars. They have AC power and an auto count system. Located at 28/30 Mountainview Rd., Poughkeepsie, NY 12603. For more info call (914) 342-5409 or (914) 454-8276 (trackside).

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.

HIGH VOLTAGE ELECTRIC CLUB

A unique facility that races 1/4 scale elelctric cars on an outdoor paved oval. The track surface is asphalt, and there is also AC power at the facility. The track is at 2 North St., Middletown, NY 10940. Phone them at (914) 344-2277 for more details.

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.

LONG ISLAND RACEWAY

Electric 1/10 scale off-road cars race on this indoor track. Along with the circuit there is a hobby shop, snack bar, A/C power and scoring is done via an auto-count system. Track is at 168 Broadhollow, Farmingdale, NY 11735 (516) 845-7223.

R/C SPORT & HOBBY

This facility has both indoor and outdoor tracks for 1/12 and 1/10 racing. Classes are both off-road and on-road, for electric cars only. Along with the tracks is a hobby shop, snack bar, A/C power and scoring is done with an auto-count system. The track is located at 69-57 Juniper Blvd. South, Middle Village, NY, 11379. Phone them for their latest schedule at (718) 326-9251.

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.

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

RACIN' PLACES

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

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

COLUMBUS RADIO CONTROL RACING CLUB (C.R.C.R.C.)

Home of the oldest and largest annual races - The Winter Midwest Championship and The WinterMidwest Gas Championship. The track is located at the Franklin County Fairgrounds in Hilliard, OH on the northwest side of Columbus. This trac kfeatures heated indoor off-road racing on a hard packed dirt track for 1/10th scale electric and gas cars. Racing every Sunday from October to June with practice every Wednesday night. Electricity, snack bar, hobby shop and computer controlled AMB transponder lap counting system. For info call Jeff Crowell at (614) 236-1783 or Chris Sasso at (614) 777-8735.

Y-CITY HOBBY AND SPEEDWAY

Racing for 1/10 electric cars on both on-road and oval tracks. The circuits are indoors, on asphalt, and there is also a hobby shop, snack bar, ac power and scoring is done via an auto count system. The track is at 120 South Sixth St., Zanesville, OH 43701 - (614) 455-3025

TARCAR-TOLEDO AREA

1/10th and 1/8th gas and electric outdoor off-road. They race from May to October with an auto lap counting system. For more information call Bill Bridges, (419) 826-3859.

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.

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.

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.

D & D HOBBY CENTER

Racing 1/12th & 1/10th on-road carpet in the Winter and 1/12th. And racing 1/10th on-road asphalt including gas, and 1/10th off-road in the Summer. The track includes a hobby shop, snack bar, AC power and an auto lap counting system. They are located at 176 E. Main St., Lexington, OH 44904 (419) 884-0001.

NORCAR

Racing for 1/12, 1/10 and 1/8 cars in both gas & 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.

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.

MID-AMERICAN RACEWAY

Both dirt-oval and off-road 1/10 scale electric cars can race at this place! The track is indoors, on dirt, and there is also A/C power and an auto-count system for scoring. The track is at 13150 AirPort Hwy., Swanton, OH 43558. Phone them at (419) 475-9459.

HOBBY WORLD

Indoor and outdoor racing for electric 1/12 & 1/10 and gas 1/10 scale cars. These new permanent on and off-road tracks are on carpet and asphalt, and the facility features a full hobby shop, snack bar, A/C power, auto count and there is RV access. the track is at 3499 W. Main, Ravenna, OH 44266. You can phone them at (330) 296-0894.

SCOOTERS HOBBY HUT

Racing for 1/10 electic off-road cars. Indoor off-road track which has full line hobby shop, auto count, snack bar and air conditioning. Indoor pitting for 150 racers and RV acess. We are located at 234 #D Robbins Ave., Niles, OH 44446. Phone them at (330) 544-9411 for latest schedule.

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.

R/C PRO SPEEDWAY

This track races 1/10 scale gas and electric cars. The circuits are dirt oval and off-road, and they are outdoors. Along with the tracks there is a snack bar, auto-count and R.V. access. The track is on Millville Rd., in Bloomsburg. Ask for John Swisher at (717) 387-0266 for more details.

R/C PRO HOBBY III

Here they race 1/10 gas and electric indoor off-road. The track is complete with a hobby shop, snack bar, AC power and an auto lap counting system. The track is located at 910 W. Chestnut St., Coal Township (Shamokin), PA 17866. Call John Swisher at (717) 648-7763.

TC'S R/C'S

Inside and out 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. Computer 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. There's both racing for those who run oval as well as off-road. 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 OUTFITTERS/RCO RACEWAY

"Home of the Annual Motorama in February" 1/10th & 1/12th scale electric cars will be racing indoors on carpet at this track. The facility 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.

PROP & WHEELS RACEWAY

Racing for 1/10 scale electric cars on this indoor carptet high-bank 175' centerline oval. There is a hobby shop, snack bar. A/C power and an auto-count. The track is at 139 W. Broad St., Tamaqua, PA 18252 - (717) 668-2288.

HOBBY HAVEN R/C RACEWAY

Both 1/12 and 1/10 scale electric cars race here. There is on-road and off, on an inoor carpet tack. Along with the track there is a hobby shop, A/C power and R/V access. Track is at 39 East St., Albion, PA 16401. Phone them at (814) 756-0862.

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, SC 29210. For a schedule of races call (803) 561-0000.

BEREA R/C SPEEDWAY

Fri. Nights 1/10 conc., banked oval; Sat. nights stadium off-road for trucks and buggies; Sunday unlimited oval;. 707 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 370 foot racing line 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 939 S. Anderson Rd., Rock Hill, SC 29730. Exit 77 off of Interstate 77. Phone them at (803) 327-4121 for the latest racing schedule and directions.

ORA ATOMIC RACING FACILITY

Both gas and eectric off-road and dirt oval 1/10 machines will be found racing at this track. The circuit is outdoors, on dirt. The track also features a obby shop, snack bar, A/C power, auto count and R.V. access. The track is located at 373 Boyd Pond Rd., Aiken, SC 29803. For race times call them at Track: (803) 642-0314, Bill: (706) 855-0846 or Mike (706) 950-7501.

J & M RACEWAY

Racing for 1/10 Winston Cup cars and trucks every Saturday. Slot cars race every Friday at 7:00 p.m. Air conditioned pits and fast racing track that is 244 feet long with banked corners of 20 degrees. Call for more information at (803) 552-9449. Track is at 5341 Dorchester Rd., North Charleston, SC 29418.

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.

RACIN' PLACES

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
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.

FASTRACK RACEWAY
Electric 1/10 scale off-road and dirt oval cars race outdoors at this track. Along with the track there is a hobby shop, A/C power and an auto count for scoring. The track is at 6236 Quail, El Paso, TX 79915. Call them at (915) 779-4524 and ask for Hector.

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.

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're located at 1616 Barnes Bridge Rd., Dallas, 75218. Phone is (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.

JR HOBBIES RACEWAY
Both 1/10 gas and electric off-road cars can race at this track. The circuit is outdoors, on dirt, and the facility features a hobby shop, snack bar, A/C power and scoring is done via an auto-count system. The track is at the corner of 13th and Washington in Harlingen, TX. Call them at (210) 428-TOYS.

PERFORMANCE RACEWAY
This indoor track races 1/10 scale off-road cars. Along with the track there is a hobby shop, A/C power and scoring is done with the use of an auto count system. The track is at 1106-C Witte Rd., Houston, TX 77055. Phone them at (713) 464-4458.

TRIPLE JAYS R/C RACEWAY
This track races both gas and electric 1/10 and 1/8 cars on their off-road and oval track. Both tracks are dirt, and the facility features a hobby shop, AC power and and auto count system for scoring. The track is at Route 4, Box 720 Allen, TX 75002. Phone them at (972) 562-7967 for the latest racing information on their track.

NORTH TEXAS 1/12TH SCALE ASSOCIATION
This facility, as its name implies, is for 1/12 scale racing only. the track is outdoors, but it is on carpet. The track measures 48 X 36 feet. The headquarters for this association is 3905 Sandia, Plano, TX 75023. Call Dean Deansmore at (972) 519-0324.

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.

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

ROADMASTERS R/C CLUB
Racing for asphalt oval and road racing, along with drags as well. There is an auto count, pro-tree and hobby shop. Both gas and electric cars can race here. For more information call Rick's Hobbies at (703) 330-6833 (Manassas).

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.

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.

BROWN BROTHERS HOBBIES
Both gas and electric, 1/10 and 1/12 scale cars can race at this track. Along with the road course is a paved oval, and all tracks are outdoors. Along with the tracks, there is a hobby shop, snack bar, a/c power and scoring is done with an auto count system. The track is at 924 North Main St., Dunfries, VA 22026. Phone them at (703) 221-5746 for the latest schedule.

WASHINGTON

FANTASY WORLD RACING
This facility features a 100' x 70' outdoor asphalt on-road track for racing 1/12 & 1/10 gas and electric cars. There's a hobby shop, AC power, and auto count system. 7901 S. Hosmer St., Tacoma, WA 98408 (253) 473-6223.

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

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(circle all that are applicable)

TRACK/CLUB NAME_____

ADDRESS_____

CITY_____

STATE_____ ZIP_____ PHONE ( )_____

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.

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.

LEFT TURN HOBBIES

Both off-road and on-road 1/10, 1/12 and 1/8 gas and electric racers can have a blast here. The tracks are indoors, on carpet, and outdoors on dirt. There is a hobby shop, snack bar, AC power and scoring is done via an auto count system. The track is at 100 Saco Lane (by Post Office), Glen White, WV 25849 - (304) 255-3930.

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 - 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

1/12th and 1/10th electric indoor carpet racing. Track includes a hobby shop, AC power and an auto lap counting system. 244 W. 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.

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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

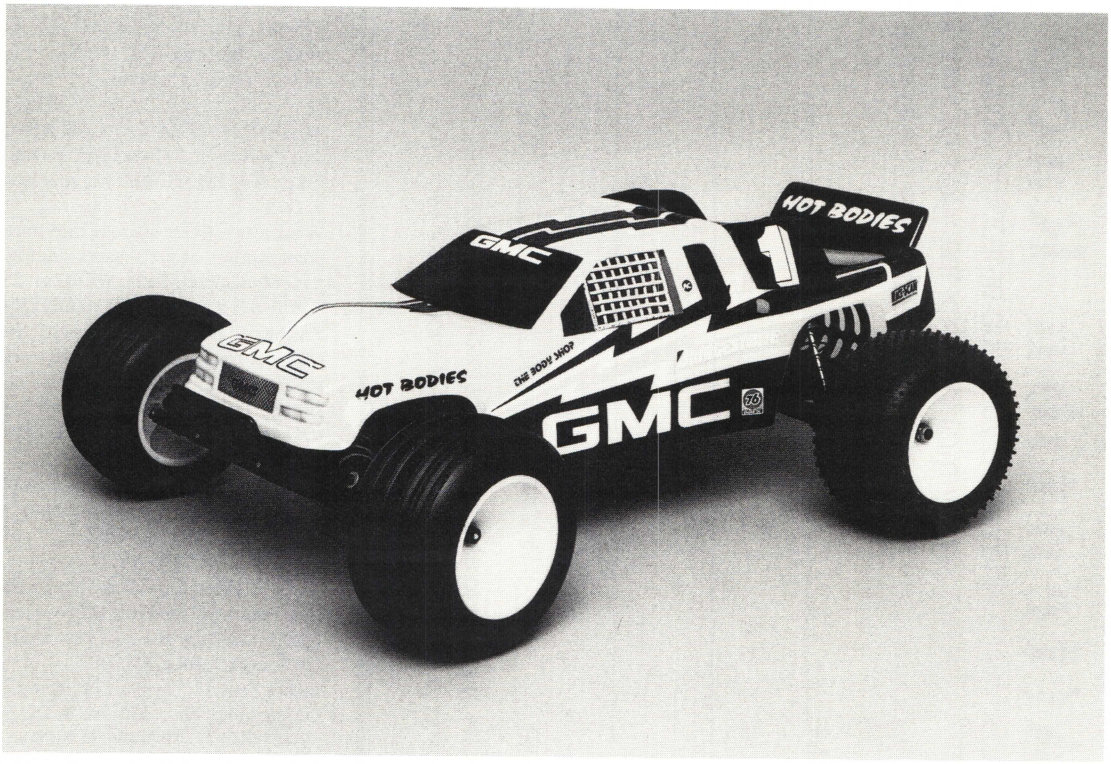
Racing for cars in the 1/12, 1/10 and 1/8 scales. This complete facility features courses both indoors and out, and features a hobby shop, snack bar, A/C power, auto count and there is RV access. The track is located at 951D Ashwaubenon St., Green Bay WI, 54304. For the latest schedule call (414) 339-8288.

HOBBYTOWN U.S.A.

This 1/10th and 1/8th gas and electric outdoor dirt off-road track is huge! A 100' x 75' track with full banked corners. Track includes a hobby shop and auto lap counting system. Located at 2061 South Koeller, Oshkosh, WI 54901 for more info call (414) 426-1840.

FOR THE

'97 GMC T2 for Off-Road Electric Truck Racing



Direct fit for the Associated RC10-T2 and RC10-T.

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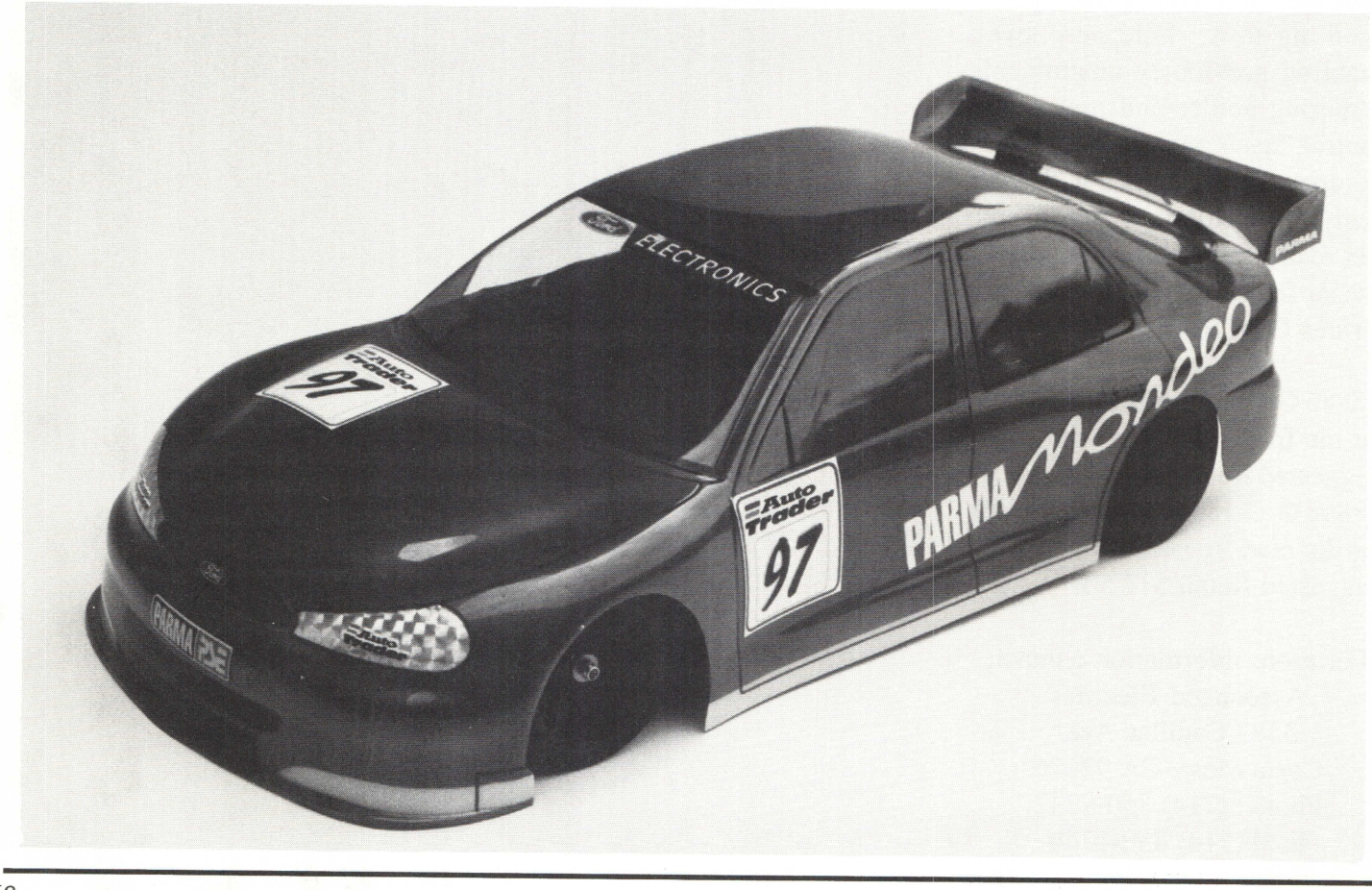

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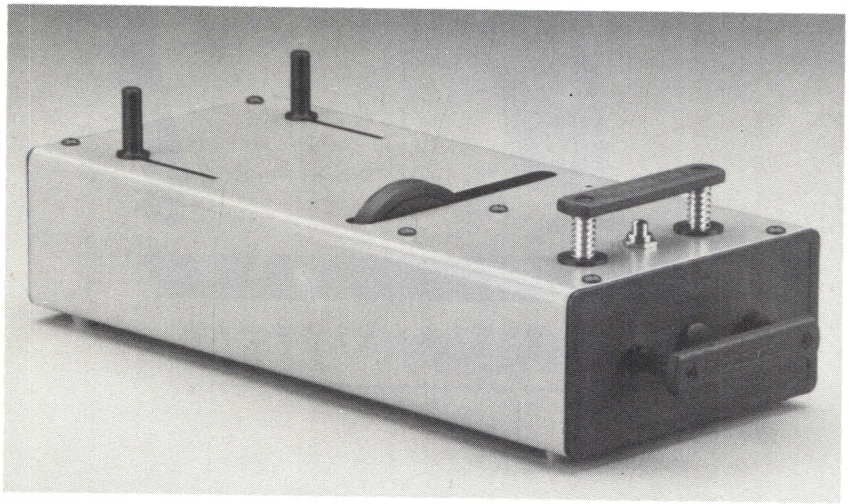

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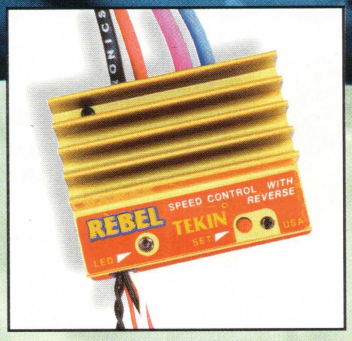





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The 420-G speed control handles up to 20 cells. For drag racing, insane speed runs, sustained high amperage, etc. 105 MPH speed record holder.

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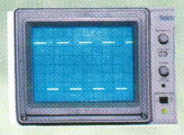

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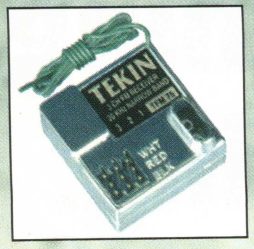

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The latest evidence came in August at the '96 1/8 Scale Gas World Championships. Driving his Kyosho Inferno MP-5, Italy's Alex Laffranchi grabbed a handful of glorious first-place gold.

First Place. Familiar turf for the Inferno MP-5. It's been there, done that, again and again—at the '96 West Coast Gas Off-Road Championship in Hemet...at the 6th and 7th Annual Gas Off-Road World Challenges in Detroit...and, very likely, at a local track near you.

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• Jammin' Jay Halsey	MP-5
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• Kris Moore	MP-5
• Greg Dennett	MP-5
• Eustace Moore	MP-5



Alex Laffranchi

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