



NEWS RELEASE

NMPPRA

NATIONAL MINATURE PYLON RACING ASSOCIATION

PYLON RACING → FORMULA I → FAI → QUARTER MIDGET

President: RON SCHORR
5224 Teesdale Ave.
North Hollywood, Calif. 91607

Secretary: Whit Stockwell
4000 Hayvenhurst Ave.
Encino, Calif. 91436

JANUARY 1977

AMA AFFILIATED

EDITOR: Dave Shadel, 2163 Via Esmarca #2, Oceanside, Calif. 92054

President's Page

The election is over and I am proud to say that I will be your President again this year. Both Bill Hager and Bob Silwanicz had their hat in the ring and either one would have made a good president. A total of 86 votes were cast, which I received 56, and the balance was split evenly between Bill and Bob. Ron Gilman is the V.P. of Southern California. All other V.P.'s will remain the same as last year with the exception of Simon Dreese who will be the V.P. in the N.C.W. The N.W. has no V.P. The membership in the N.W. is so small that we are looking to include this district with another. Any ideas would be appreciated. Nelson Eddy did the best he could, but he does not have much to work with in this area.

At the Nationals this year someone asked me for a financial statement. The total income was \$6767.49 The total outlay was \$6729.45, leaving us in the black by \$38.04. Total cash on hand as of December 31, 1976 is \$3331.65. As you can see it won't be too long before a dues increase will be necessary. I will recommend that the dues remain the same for 1977. I think it will be necessary to raise it in 1978.

The new Secretary for the NMPPRA is Whit Stockwell. He will be receiving your membership applications which will be found elsewhere in this newsletter. Whit is going to work very hard to coordinate the membership with Dave Shadel, our newsletter editor, so that everyone who is a member will get a newsletter.

With sincere hopes for a good year.

Ron Schorr

Editor's Corner

With the 1976 racing season behind us, we are really at a loss for copy for the newsletter. This is why we're late again. Please get me some material. Help!

This month we have the winners of the NMPRA points championships. Please note that these are not really final and won't be until next month. Apparently, some of the district V.P.'s haven't sent their scores yet. Awards will be given through 10th place.

Also, please note that dues are now due, so get 'em in.

All for now.

Dave Shadel

NMPRA National Points Standing

1. Bill Hager	583.9	11. Paul Zink	439.9
2. John McDermott	582.2	12. Adam Sattler	430.3
3. Terry Prather	578.9	13. Tom Castellano	428.1
4. Bill Zautner	576.2	14. Ed Allen	422.7
5. Mike Atzei	533.5	15. Bob Barkowski	407.0
6. Al Sager	502.2	16. Pete Reed	406.2
7. Jim Jensen	495.1	17. Ed Hotelling	385.0
8. Mike Helsel	493.8	18. Ron Schorr	384.7
9. Bob Blouch	486.8	19. Jack Lee	366.3
10. Rusty VanBaren	454.4	20. Bill Weesner	359.2

S.E.M.P.R.A. - Race Results - By Bob Silwanicz

VALKARIA, FLA.

NOV. 28

FORMULA 1

This was the last race of the season and it was nice to see a fairly large turn-out of 17 entries. The weather conditions were good other than the wind that was blowing across the course for the first two rounds. This wind caused many nose-overs on take-off and accounted for many shaft runs. It was decided that during the lunch break to turn the course around and put it into the wind. Competition at the race was at it's greatest as at the end of the day we had a three way tie for second place. Brian Richmond ended up the day with a perfect score of 15 points and 1st place. His second in a row. Tied at 14 points each for second place was Bruce Richmond, Bob Brogdon and Tom Pownall. After a short delay so that Bruce could change freq. we had a super fly-off with Bruce locking up 2nd, Bob in 3rd and Tom 4th. It was a good day of racing for all except for a guy who has had problems most of the year with making 10, 9, 8 or even 7 laps. I think Dennis or Bob will loan you some headshims. Good luck next year, Jim.

S.E.M.P.R.A. - Race Results (Cont.)

- | | |
|--------------------|--------------------|
| 1. Brian Richmond | 10. Dennis O'Brien |
| 2. Bruce Richmond | 11. Greg Doe |
| 3. Bob Brogdon | 12. Dave Donat |
| 4. Tom Pownall | 13. Jeff Kerlo |
| 5. Bob Silwanicz | 14. John Kerlo |
| 6. Carl Simms | 15. Jim Maki |
| 7. Adams | 16. Toby Grether |
| 8. Jack Fehling | 17. Jacobson |
| 9. Bill Williamson | |

Year-end Standings
Formula 1

1. John McDermott	562.8	18. Art Chambers	179.1
2. Dennis O'Brien	483.9	19. Clyde Yarbrough	178.1
3. Bruce Richmond	433.6	20. Jack Fehling	177.7
4. Bill Williamson	403.8	21. Carl Simms	168.7
5. Bob Silwanicz	383.6	22. Tom Pownall	163.3
6. Bob Brogdon	376.4	23. Harold Coleson	157.2
7. Brian Richmond	372.5	24. Cliff Telford	145.8
8. Dave Pearce	345.7	25. Stu Richmond	99.1
9. Jim Moorhead	339.8	26. Dave Donat	81.5
10. Irwin Funderburk	325.7	27. Bob Royall	72.2
11. Jim Maki	322.2	28. Tom Baker	67.9
12. Fred Floyd	289.2	29. Bill Helms	59.2
13. Bill Preis	286.6	30. Melvin Stokes	50.8
14. Bob Violett	278.1	31. John Kerlo	41.1
15. Jim Stegall	271.8	32. Charlie Brunner	37.1
16. Dallas Buck	264.7	33. Toby Grether	7.3
17. Greg Doe	212.7	34. Steve Kovach	1.2

Awards will be presented through 7 places.

Q.M.R.C. - Quarter Midget - December 1976 - By Bob Root

The West Coast Championships are over and the sentiments of some are "Thank God!" It was cold and extremely windy both days. Saturday's racing was cancelled because of the wind. Thirty-five hearty souls (along with thirty-five brave callers) raced 5 rounds on Sunday. Bob Gillespie, Mel Santmyers and Vince Stagnaro are to be commended for a well-run race in very adverse conditions.

Quarter Midget - (Cont.)

Expert and Standard classes were pretty evenly split and both events were hotly contested. The mortality rate on airplanes was high due to the gusty wind and the boulder-sized dirt clods that lurked just off the flying surface on three sides. It was good to see some new faces and we hope to see them on a regular basis in the future.

About \$600 worth of prizes and trophies were awarded to the winners and helpers. Low time for Standard class was recorded by Leo Martin who flew a 1:42.6 to win a hotly contested race with Gary Farish who was second with a 1:42.8.

I was lucky (?) enough to be in the race in which Tom Christopher set low Expert time with a 1:25.9. Bob Root was second with a 1:26 and I was third with a 1:26.2. I really felt great about keeping up with the big guys until they told me it took 5 cuts to do it. My only excuse is that it's hard to fly with one hand on your throat!

The winners were:

Expert

Average time - 1:43.1

Fast time - 1:25.9

Tom Christopher **
Bob Root **
Ron Schorr **
Joe Zdankiewicz
Nick Nichols

Rossi D & S Ricky Rat
Rossi Lil Cobra
Rossi Lil Cobra
Cox H of B Dara
Rossi Lil Cobra

**3-way tie for
1st was decided
by a fly-off

Standard

Average time - 2:09.5

Fast time - 1:42.6

Bob Gillespie *
Leo Martin *
Gary Farish
Fred Reese
Bill Bell

Rossi LR 1A
Rossi Lil Cobra
K & B Toni
Rossi Cassutt
Cox LR 1A

* 2-way tie for
1st decided by
fly-off

Modified Quarter Midget Props - By Bob Root

The purpose for going to the trouble of modifying a prop is not so much to improve the maximum achievable performance but to allow this performance with every prop. Although there is a psychological barrier among new racers against using modified props, there shouldn't be. The fact is I currently test run as many as a dozen stock props to find one that is capable of keeping up with Tom Christopher (sort of a reference point). I imagine that he and the other top competitors are doing the same thing. With prop modifications allowed it should be possible to use maybe 80% of the props we buy rather than 10%.

Modified Quarter Midget Props - (Cont.)

Because of the large amount of prop breakage which occurs in Quarter Midget racing, I think it will be important to find a good prop which doesn't require too much work. My prop rework will be more concerned with improving the poor running props than finding some exotic prop shape that takes two hours to carve.

Since no prop rework has been allowed in this area in the past, it will be sometime before most of us settle on the prop which works best. This discussion will, therefore, have to be more concerned with (A) what prop parameters are important, (B) how they can be improved, and (C) the types of props I think may work well, rather than the hypothetical world beating "optimum" prop.

A. IMPORTANT CHARACTERISTICS

The following is a list of things to look for when modifying props:

Modified Quarter Midget Props - (Cont.)

3. 7-6N Rev-Up: This has higher pitch than (2). Thin, clean up, cut span and maybe washout tips to get RP, up. RPM is low out of box.
4. 7-5 Rev-Up: This has more blade area so it will allow bigger pitch changes if anyone learns how to take advantage of it. Ditto on the 7-5W Top Flite.

Now that we have the floor covered with shavings I will end this disertation by hoping that the good elves design the "optimum" prop for a Lil-Cobra and put two dozen under my Christmas tree for the '77 season. Are there any good elves out there?

Yes, Virginia, there really is a Santa Claus!

**HELPING
YOU
WIN**



KRAFT
SYSTEMS, INC.

450 WEST CALIFORNIA AVENUE
P.O. BOX 1268 · VISTA, CALIFORNIA 92083

World's Largest Manufacturer of Proportional R/C Equipment

**D & S MODELS FIBERGLASS
RICKY RAT**

At Last By
Popular Demand —
A 2-Piece
Rickey Rat

World Record 1:28:0
set by 1/4 Midget
Rickey Rat



Calif. residents
add 6% sales tax

At Your Local Hobby Shop, or Direct to:
**D & S MODELS, 4080 Orange Ave., San Diego,
Calif. 92105. (714) 281-6850**

- FEATURING:**
- EPOXY FUSELAGE
 - FIREWALL
 - GLASS CHEEK COWL
 - GLASS WHEEL PANTS
 - RACING WHEELS
 - DURAL LANDING GEAR
 - AXLE & LOCKING NUT
 - CUT WOOD TAIL SECTION
 - FOAM WING CORE
 - WING SKINS
 - TORQUE RODS
 - CANOPY
 - PLANS & INSTRUCTIONS

COMPLETE KITS:
Form. 1.....\$89.95
(specify 1 or 2 piece when ordering)
1/4 Midget.....\$55.00
(1 piece only)

World Record Holding Combination for the last 3 years.
The Little Toni and Terry Tigre.

Available At Your Local Dealer

- World Record Design Little Toni \$99.95
- Little Toni Wing Kit 34.95
- Joined Epoxy Wheel Pants 9.95
- Aluminum Racing Wheels 5.95
- New Type Axle Retainers 1.98
- Heavy Duty Dural Gear 5.95

Available Direct Only

- Customize your STX40 (Must be new) \$85.00
- STX40 Rear Exhaust Extension 4.00
- STX40 Exhaust Adapter "O" Rings - Pkg. 3 1.50



PRATHER PRODUCTS

1660 Ravenna Ave., Wilmington, Ca. 90744 • (213) 835-4764

THE HOBBY MARKET

P.O. BOX 2172, 3934 W. VICKERY, FT. WORTH, TEXAS 76101

PH. (817) 731-0344

**RACING HEADQUARTERS
YOU NEED IT! WE GOT IT!**

PRATHER PRODUCTS
A & L LRJA
CT. EL BANDITO
STAFFORD RICKY RATS

K&B & SUPERTIGRE ENGINES
HOUSE OF BALSA Dara & Shoestring
SKYGLASS Minnow
Dara & Cosmicwind

**LOW
DOWN
DISCOUNT
PRICES**

CALL US!

BOB REUTHER



HOBBY WORLD

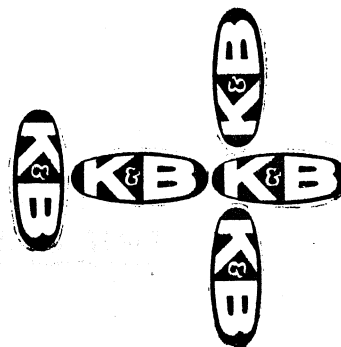
Quality R. C. Products

6602 Hwy. 100 • Nashville, Tenn. 37205

356-1225

Call Day or Night

352-1450



**engines
glow plugs
fuels**

**fiberglass
resins
paints**

power plus finish at
your local hobby shop.

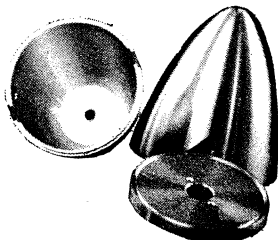
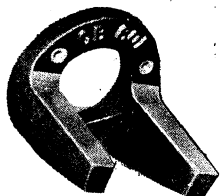


K&B MANUFACTURING
Division of Aurora Products Corp.

Downey, California 902

Guaranteed Unbreakable. Motor Mount will be replaced if broken. Cast aluminum, heat treated and machined flat for all popular engine sizes.

The fastest planes and engines in the world follow a C.B. Aluminum spinner across the finish line.



**C. B.
ENTERPRISES**



21858 CLOUD WAY, HAYWARD, CA. 94545

LEE CUSTOM ENGINES

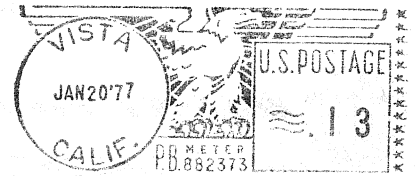
CUSTOM K & B 40 ENGINES FOR
FORMULA I and F.A.I.

For the very best in racing engines it's:

C.F. LEE MANUFACTURING COMPANY
7215 Foothill Blvd.
Tujunga, California 91042

NMPRA NEWSLETTER.
Dave Shadel, Editor.
2163 Via Esmarca, Apt #2.
Oceanside, Calif, 92054.

FIRST CLASS MAIL



TO:

ED. E. RANKIN
6072 WONDER DR.
FT. WORTH, TX. 76133