

From: National Control Line Racing Association
Bill Lee, President
601 Van Zandt County Road 4815
Chandler, TX 75758



TO:

Dick Lambert's "CM3"



Torque Roll!!

**The Official publication
Of the NCLRA
Issue # 59
October, 2004**

President's Column-Bill Lee

Have you had any FUN lately?

For the past 7 years or so, I have worked quite closely with the AMA VP of my District, Dr. Sandy Frank. Sandy has coined a phrase that he uses always as a closing part of his monthly column: "Flying, fun, and fellowship". And while this may not jump out at you right away, please stop and think a bit about what it says and what our HOBBY means to us.

I have attended the NATs for many, many years. I started as a young adult after getting out of college and starting a family. I have been going ever since. In the early years, the 70's, I was only moderately successful, but more often than not, I came home empty-handed and usually quite unhappy with my own performance and what I had done (or NOT done). As they say: "Would have, could have, should have ... that's what LOSERS say!".

In the early 80's I attended the NATs that were held in Chicopee. My son was old enough that he accompanied me. After the second of those NATs, we were returning home and I was in my usual funk, angry, cursing, just plain miserable. As we were going down the road home, I glanced at my son as I was voicing my irritation with what had happened and he was giving me one of those "I can't believe I hear you saying those things, Dad!" looks.

I suddenly realized something: I WASN'T HAVING FUN! And it took my son's look of dismay to make me realize it! The thought came to me: if I am NOT having FUN, WHY am I doing this! The next year, 1984, I adopted a whole different attitude: that the NATs (and competition in general) was going to be FUN or I wasn't going to do it! And our trip to the NATs in Reno that year was immensely more enjoyable and, not surprisingly, successful.

In early September, I had the wonderful opportunity to go to Portugal and participate in Julio Isidro's "Tournament of the Millennium". I am sure most of you know about Julio's event, but I can only summarize it one way: it is for the FUN and the FELLOWSHIP as much, more, than the FLYING! The list of events are mostly what we in the U.S. call the "doo-dah" events. Vintage events. Non-rule book events. Local events, Whatever: they are events that people like to fly because they are FUN! While I am sure that there are some that were there to WIN, most were there for the FUN and FELLOWSHIP, for Julio's incomparable hospitality, rather than for taking home a trophy. And it was one of the most delightful experience I have ever had in modeling! It was FUN! As one person who attended this year said:

"OH, I nearly forgot, this 'contest' is most primarily about FUN & FRIENDSHIP". If one has difficulties socializing & volunteering to help time, etc. it's better that they stay home I think."

Since returning home, I have watched a lengthy exchange on the Yahoo CL Racing group. I have come to realize that far too many folks in CL Racing aren't having any FUN! Far too much criticism, far too much trying to place blame, far too much SERIOUSNESS... for lack of a better word. I have asked my self over and over as I have watched this exchange: are these guys having any FUN? And from the general tone I saw, I had to answer: No!

It's time that we all took a look at our own self and decide just what it is we want to take with us from our participation in CL Racing. Will it be a legacy of anger about "Would have, could have, should have...", or will it be the memories of the FUN and FELLOWSHIP with our fellow modelers?

Quickie Rat Venturi Diameter Change

TQR has a provision in its rules that say we are to keep the event in a "flyable" speed range, with the value given of "105 MPH (17.14sec/7 laps)" as a guideline. When speeds routinely exceed this value, then we (NCLRA) must consider a venturi size restriction to bring the models back to that range.

Over the past several years, we have watched the event. Several years ago, there were VERY FEW models capable of speeds into the 16's with most being of the 17 second category. This fit very well with the TQR rules. But now we have seen that MANY folks have models routinely running in the 16's, many in the low 16's, and some even into the 15's. At the NATs this year, most of the models were racing in the 16's.

To this end, John McCollum, Russ Green and I undertook some testing. Here are the particulars.

Models:

John McCollum's Barracuda. This model with a K&B 40 with John's modifications is routinely clocked one-up in the 15's, and will easily race in the low 16's

Russ Green's elliptical wing model with his K&B 40. This is a good model but closer to what we call today's "average" model. It will run easily in the 16's one-up and races in the 17's and low 18's

Fuel: Sig 10%

Venturis:

McCollum and Green delrin inserts.

Testing:

22 August. Low 80's temperature, wind was light. Russ flying with handle on chest

Model	Venturi	Airspeed
McCollum	0.314"	15.6
McCollum	0.294"	16.9

18 September. Mid 90's temperature, wind was moderate.

John flying with handle at arm's length

McCollum	0.314"	16.1
McCollum	0.292"	17.1

Russ flying with handle on chest:

Green	0.314"	16.8
Green	0.292"	17.9

The recommendation we made and which was accepted by the NCLRA Board is to change the maximum allowed venturi

size to .292", a decrease from the present .315". This change will take effect January 1, 2005.

A venturi of this size can be easily made using standard tools. The drill size to start with would be a 9/32" followed by an "L" reamer (0.290"). This would leave the 2 thou for "slop" that has always been built into the venturi size specification. (E.g., 0.315" is 5/16" plus 2-1/2 thou.)

SOUTHEAST REPORT- BOB WHITNEY

My trip to PORTUGAL was great even if a couple of the BRITS did leave me at the LISBON airport to die, most of the flyers there seemed more interested in flying old style airplanes, rather than new technology. They thought foxracing was boring, but liked clown. I have a bunch of pictures developed but still have some in camera

Space coast modelers have a new flying sight, BAY SIDE HIGH has given us permission to use their drivers Ed pad on week ends it has room for at least 3 circles, but houses are all ready starting to move in, so we will see,

Hope everyone knows about Nov 13&14 in Jacksonville, it looks to be every bit as good as last year, speed looks to be a mini nats. Lets hold up our end.

I have heard a few people say its time for NCLRA to take over B,TR and I think they may be right, people are starting to get serious about it so I think NCLRA should take it over .

Here is one for you, I think the NATS, CD should at least have his room paid for, for the week, what do you think? BOB WHITNEY



Nice sport Goodyear by Andy Westerheim, OR-71 'Lil' Quickie'. Built from Goran Olsons' drawings, it has subtle differences from most that are built from the plans drawn by John Kilsdonk.



Front end detail of Bill Bischoffs' new Slow Rat shows attention to detail & rugged simplicity.

RACE RESULTS-AURORA IL 9/05 **TIM STONE**

For the first time in many years, the annual Treetown contest enjoyed good, but rather muggy weather. Three events were run, with turnout being pretty poor except for Fox racing.

GOODYEAR (70 LAP)

- 1) Tim Stone 2:58
- 2) David Betz 3:21
- 3) Bob Oge dnf

TREETOWN FOX (100 lap Skyray/Buster etc.)

- 1) Tim Stone 6:15
- 2) Jason Stone 6:40
- 3) Bob Oge 6:45

NCLRA FOX

- 1) Tim Stone 6:08
- 2) Jason Stone 6:11
- 3) Chris Gay 6:32

CONTEST RESULTS: South Jersey **Aeromodelers By Phil Valente**

Date: 8-29-04

Location: Sewell, NJ

Weather: Temp 93, Humidity 75%

1 OUNCE GOODYEAR

1. Jim Allen.....7:21
2. Walt Gifford.....7:23
3. James Vansant.....7:55
4. Glen Vansant.....8:05
5. Jim Gall.....8:52
6. Brian Silversmith..9:01
7. Raul Diaz.....9:53
8. Phil Valente.....14.00
9. Bud Brautlecht.... 120 laps

FOXBERG

1. Walt Gifford.....9:50
2. Brian Silversmith. 9:53
3. Jim Gall.....10:01
4. Lester Froelich.....11:09
5. Phil Valente.....14:38
6. Raul Diaz..... 17 laps

QUICKIE RAT

1. Walt Gifford..... .6:28
2. Brian Silversmith.. 6:43
3. Glen Vansant.....10.26
4. Jim Allen.....107 laps

Russ Green

South Central Report

The South Central web page has been revised to include the latest Wichita Goldberg racing rules. This is a fun event and is very similar to the Dallas Goldberg event. Both the Dallas and Wichita Goldberg rules can be viewed at

<http://www.nclra.org/SouthCentral/index.html>

Race Report

Air Capitol Control Line Championships

Wichita KS August 7, 2004



The Wichihawks Model Airplane Club held the Air Capitol Control Line Championships on August 7, 2004 in Wichita KS. Mild weather resulted in great flying conditions.

Notice that in Slow Rat I ended up in second place, loosing to Mike Greb by 0.32 seconds. Had I flown more aggressively I

might have won. Bill Bischoff and I were piloting. He passed me a couple of times where I backed off, stretched my arms out and let him pass easily. Bill asked what I was doing and I told him that my airplane was heavy and pulled hard (it also takes a few laps to get up to speed). I went on to explain that I was letting him pass easily to save my energy and that a couple of seconds probably would not make any difference in the outcome of the race. I was wrong. Lessons learned:

1. A few ounces weight can make a significant difference, especially on a Slow Rat.
2. A few seconds can be the difference between winning and loosing. Shave every second you can off your time.

Mouse I

1. John Holliday 6:42.41
2. Kevin Seaton 7:19.65
3. Melvin Schutte 8:32.96

Slow Rat

1. Mike Greb 5:56.34
2. Russ Green 5:56.66
3. Bill Bischoff 6:23.65

Scale Racing II

1. Dale Gleason 7:45.28
2. Mike Greb 7:58.00
3. Bill Bischoff 8:05.02

Goldberg

1. Bill Bischoff 9:46.81
2. Russ Green 10:01.88
3. Marvin Denny 10:14.40

Scale Racing

1. Mike Greb 6:45.91
2. George Lieb 7:08.50

Quickie Rat

1. Mike Greb 6:31.56
2. Bill Bischoff 6:44.35
3. Russ Green 6:45.15

Race Report

2004 CHARLES ASH MEMORIAL

SOUTHWESTERN CL CHAMPIONSHIPS

Saturday, September 4, 2004

The Dallas Model Aircraft Association held the Charles Ash Memorial Control Line Championships on Saturday September 4, 2004. The weather turned out good and so did the racing.

Slow Rat

1. Mike Greb 5:44.53
2. Russ Green 5:51.25

Sport Goodyear

1. Dale Gleason 7:42.06
2. Russ Green 7:52.22
3. Mike Greb 8:04.59

Quickie Rat

1. Mike Greb 6:09.28
2. Russ Green 6:25.65

- 3. Eric Tomchick 7:32.75
- Goldberg**
- 1. Russ Green 9:58.71
 - 2. King / Loy 10:56.47
 - 3. Marvin Denny 11:16.35



I received an email from Terry Prather that the Prather Pitch gauge is back in stock;

“Prop Pitch Gauge (for airplanes)

Now back in stock. If you want the best performance from your airplane you need a prop pitch gauge. Not all props are true, one blade can be pitched different than the other blade. The Prather Prop Pitch Gauge allows you to true up both sides of your propeller. You can also change the pitch of your propeller for maximum performance.

NEW! - IMPROVED

-The pitch gauge now works on most props for electrics. A new small diameter shaft allows the props to be checked and trued. Complete instructions on how to use the pitch gauge are included plus tips on how to get the best performance out of your prop and engine. For Airplane Propellers (Up to 12" Dia., from 3" to 15" of pitch).

Catalog No. 7050 - \$69.95 plus \$7.95 for S&H

We encourage you to order from your local hobby dealer. If you decide to order direct you can call in your order or E mail your credit card number, expiration date, phone number and complete shipping address.

Regards,

Terry Prather, Prather Products, Inc.

terry@pratherproducts.com <http://www.pratherproducts.com>
310 835-4764”



Larry King & Brad Loy of Arkansas with Goldberg entry



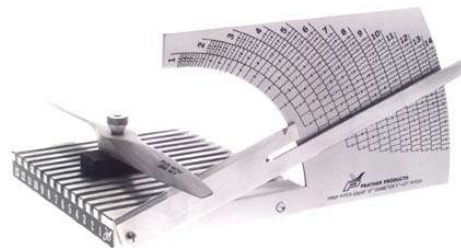
EDITOR’S COLUMN-TIM STONE

The 2004 season is drawing to a close at least in the upper Midwest, and the leaves are starting to fall. It’s building time! This season has been pretty tough on my fleet, and I have quite a bit of work to get ready for the 2005 season.

NEW BATTERY/GLOW DRIVER

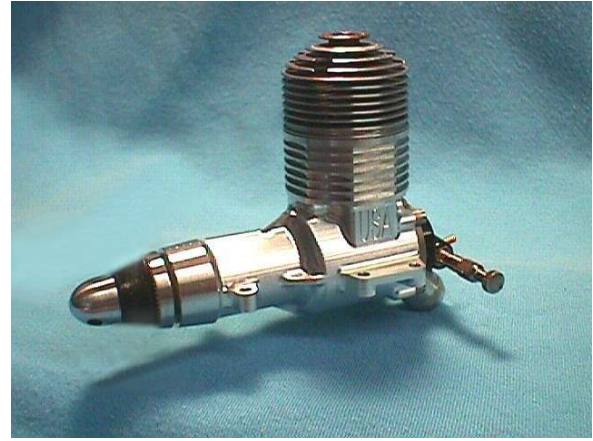
Bob Whitney writes via the Delphi forum;

I had quite a few inquires about the glo driver I was using in Mouse at the Nats. It was a modified RADIO SOUTH DRIVER .I contacted the manufacturer and I am now a dealer for the RAD RACING GLO DRIVER .it has been modified to better suit or needs .it will have a connection attached right to the driver so you can use which ever clip you want. It is going to sell for about \$85.00+ shipping, anyone interested can get me at f2cracer@aol.com, BOB WHITNEY [it comes with its own charger]



T

Les Akre sent me photos of his new TQR that he debuted at the 2004 Nats. It uses an OS Max .40H for power, one of the few planes to depart from the usual K&B. Fastfill at the rear of tank decreases pit fire possibilities. Good looking ship, Les!



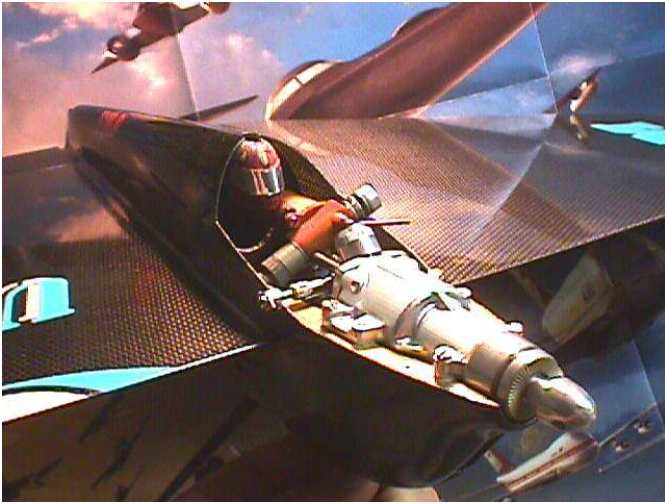
PLANE OF THE YEAR?

My vote goes to Dick Lambert for his stunning new F2C model, the "CM3" 2 years in the making. If you follow the Yahoo forum on racing, a hangout for the F2C types (<http://groups.yahoo.com/group/clracing>) you have probably previewed this.



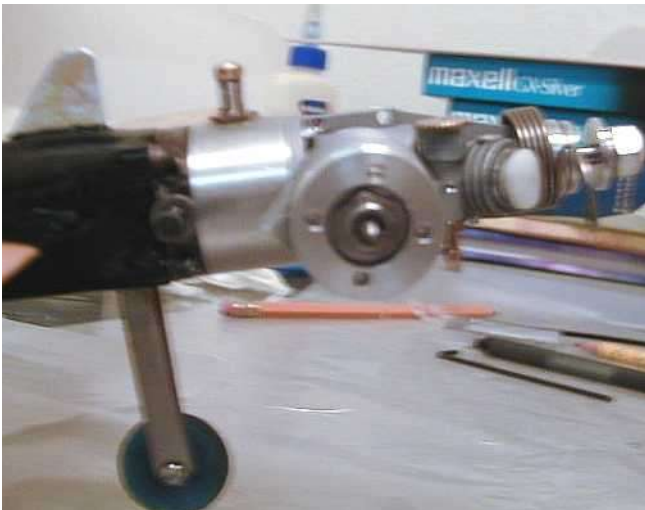
The model is powered by one of Dick's handmade "Viper" engines. Having built both the engine & the airframe, Dick has reached the pinnacle of F2C. Very few others have attempted this recently, much less with the degree of craftsmanship that Dick is capable of.

The wing features a Rohacell core & the airframe is 100% carbon fibre. This model was also featured in the October Model Aviation magazine in Dave McDonalds' column. Ready to race weight is 333 grams (around 10.7 ounces for us non-metric types) making it one of the lightest team racers on the circuit. Dick has invested over 2 years with several prototypes before the model shown; he claims it has been the most intense project in his modeling career.



CYCLON MOUSE 1-JIM HOLLAND

Jim Holland sent me some snaps of his fine Cyclon conversion Mouse 1 record holder.



Jim ran a record 2:12.3 at the 204 Nats, breaking a long standing record. Nice work, Jim.

NEW NORTH CENTRAL REP

Les Akre has recently been named the North Central Rep for NCLRA. Les has earned a reputation as a top notch builder & competitor, with many wins at the National level. He brings a lot to the table in skills and experience to share with others.

Tournament of the Millennium By Bill Lee

Every year the first week of September, Julio Isidro from Portugal hosts a “contest” which he calls “The Tournament of the Millennium”. For the past several years, Julio has hosted this event in Santarem, a city about 50 miles north of Lisbon, Portugal.

Julio is a wonderful host! He puts on this event, mostly covered out of his own pocket, in order to let CL folks have a FUN contest. And you have to emphasize the FUN and de-emphasize the CONTEST since that is the purpose and the attitude that the event serves.



Each year, many folks come from around the world to Portugal to Julio's event. As one of the benefits, Julio provides a place to stay and breakfast each day for all of his foreign visitors. And every evening there is some sort of banquet or social gathering for all of the competitors and their "significant others". This is a three day gathering that is unlike anything we have for CL Racing in the United States, and quite likely the rest of the world. The only event that I can identify where the emphasis is the FUN and the FELLOWSHIP over the competition is the Vintage Stunt Championships which the PAMPA folks stage each year.



As most of you know, Julio is a major TV and broadcast personality in Portugal. He is the David Letterman of their land! Julio spends most of his time in his profession, but always is promoting the hobby of model aviation. As you would expect, he is featured in many written publications, along with his beautiful wife, Sandra, and his daughters, Marianna and Francesca. And every feature includes some reference, picture, something of model aviation.

Julio also owns and runs a small hobby shop in Lisbon. I have included a couple of pictures of that shop, that, while it has an assortment of RC gear, caters primarily to the CL (and FF) communities. Walking into his shop was like a time warp: imagine (if you're old enough!) the feeling of the local hobby shop back in the 50's when you were a kid. That's the feeling of Julio's shop! Incredible!



If you want to have perhaps the most enjoyable time of your life, plan on going to Julio's event in years to come.

JERRY WHO MEMORIAL RACE 10/3

13 Contestants raced in the 2nd annual Jerry Meyer Memorial 350 lap Fox Race at Fermilab in Batavia Illinois. This is one of the most laid back contests of the year, and a good time was had by all. A nice tribute to a dear friend that is missed by all. In spite of the gusts approaching 35 mph, there were no major problems (aside from pretty much everyone missing their pitman!). All races were flown 3 up; none of the 'stunt boys' had too much of a problem with this.



- 1 Tim Stone - 21:14.49
- 2 Bob Oge - 23:07
- 3 Fred Krueger - 24:31.70
- 4 Bill Smith - 24:51.40
- 5 David Betz - 25:17.44

- 6 Alan Hahn - 26:15.13
- 7 Skip Spoula - 26:31.14
- 8 Glenn Lee - 27:01
- 9 Tony Leveling - 27:05.19
- 10 Jim Schuett - 27:29.58
- 11 Kurt Krempetz - 28:03.67
- 12 Rich Tupper - 28:23.90
- 13 Jason Stone – DNF



Bob Oge releases his smokin' Ringmaster.

2004Contest Calendar

NOTE!! Confirm dates, locations & events with the CD or contact listed below. NCLRA cannot be held responsible for changes, errors, omissions, etc.

SCAR Race #6: Virgil Wilbur Memorial

October 23 – 24, Whittier Narrows, CA

Events:

Saturday October 23: AMA Scale Race, SCAR Formula Unlimited, NCLRA .15 Rat, NCLRA Flying Clown

Sunday October 24: Mouse I, SCAR Goodyear, NCLRA Fox Race, NCLRA Quickie Rat

Event Director: Jim Holland (209) 726-0357 E-Mail:

jgmholland1959@yahoo.com

JACKSONVILLE, FLORIDA NOV 13 & 14

SCAR Race #7: Toys for Tots

December 5, Whittier Narrows, CA

Events: NCLRA Fox Race, SCAR Goodyear, SCAR Formula Unlimited, NCLRA Quickie Rat

Event Director: Jim Holland (209) 726-0357 E-Mail:

jgmholland1959@yahoo.com

NEW JERSEY-NOV 17TH –Gloucester County Institute Of Technology .21 Big GY, 2 OZ GY, 1 OZ GY. CD Jim Gall 973-546-2099 or Phil Valente 610-692-6469

NATIONAL RECORDS

SLOW RAT

JR (70 LAP)	5:16.20	SCOTT MATSON	7/10/00
(140 LAP)	6:47.37	SCOTT MATSON	7/10/00
SR (70 LAP)	4:29.63	HOWELL PUGH	7/20/94
(140 LAP)	10:58.47	DOUG SHORT	7/10/00
OP (70 LAP)	2:36.31	BOB OGE	7/18/91
(140 LAP)	5:24.94	MIKE GREB	7/19/90

½ A MOUSE 1

JR (50 LAP)	2:37.57	SCOTT MATSON	7/15/99
(100 LAP)	5:17.68	SCOTT MATSON	7/17/99
SR (50 LAP)	2:44.68	DAVE ROLLEY JR	7/15/99
(100 LAP)	5:20.11	D.J. PARR	7/16/98
OP (50 LAP)	2:12.3	JIM HOLLAND	7/16/04
(100 LAP)	4:22	RYAN/GIBEAULT	7/15/99

½ A MOUSE 2

OP (70 LAPS)	3:01.24	MACCARTHY/KERR	7/11/03
(140 LAP)	7:16.03	WHITNEY/HALLAS	7/11/03

SCALE RACING

JR (70 LAP)	2:50.65	BOB FOGG III	7/16/91
(140 LAP)	6:08.55	BOB FOGG III	6/23/92
SR (70 LAP)	3:15.12	DOUG SHORT	7/11/00
(140 LAP)	5:40.05	BOB FOGG III	7/11/95
OP (70 LAP)	2:39.38	WILLOUGHBY/OGE	7/15/97
(140 LAP)	5:33.04	BOB FOGG II	7/16/91

F2C TEAM RACING

OP (100 LAP)	3:15.5	BRODHEAD (GBR)	7/12/04
(200 LAP)	6:45.2	ROB FITZGERALD (AUS)	7/12/04

'B' TEAM RACING

OP (35 LAPS)	1:29.3	WAYNE TRIVIN	7/13/04
(70 LAPS)	3:15.2	LES AKRE	7/13/04
(35+70 LAPS)	4:49.1	VIC GARNER	7/13/04
(140 LAPS)	6:45.1	DON BURKE	7/13/04

RAT RACING (.15 RULE)

OP (70 LAP)	2:44.6	JIM HOLLAND	7/15/04
(140 LAP)	5:33.1	JIM HOLLAND	7/15/04
JR-SR NO RECORD ESTABLISHED			

NCLRA FOX

JR (100 LAP)	5:57.11	SCOTT MATSON	7/11/99
SR (100 LAP)	5:28.09	SCOTT MATSON	7/16/02
OP (100 LAP)	5:37.41	MCDONALD/MATSON	7/11/99

NCLRA CLOWN

OP (15 MINUTES)	300 LAPS	RON DULY	7/14/04
OP (7 ½ MINUTES)	158 LAPS	RON DULY	7/14/04

NCLRA TEXAS QUICKIE RAT

SR (70 LAPS)	3:04.22	SCOTT MATSON	7/12/01
SR (140 LAPS)	6:20.20	SCOTT MATSON	7/12/01
OP (70 LAPS)	2:56.4	BILL CAVE	7/15/04
(140 LAPS)	6:03.8	BOB MURPHY	7/15/04

REBEL RALLY 2004



OLF Whitehouse, Jacksonville, Florida - November 13 th and 14 th, 2004

Sponsored by the Coastal Control Liners AAA Sanction #TBA

Contest Director: Dale Miller (904)772-8174 E-Mail: Provector1@aol.com

Entry Fee: \$10.00 1st Event, \$10.00 2nd Event, \$10.00 for 3rd Event or more.

2004 AMA License Required.

Rules: All Events Will Be Conducted According To The Most Current Edition Of The Appropriate Rules (i.e. AMA, FAI, MACA, NASS, NCLRA, PAMPA)

Note: Speed events may be flown on either day. All other events must be flown on scheduled day.

Saturday 11/13 9:00 AM

Cash awards 1st, 2nd and 3rd place to be 50%, 35% and 15% respectively times 65% of each event's entry amount.

Each combat event will be run as either "double" or "triple" elimination depending upon the number of entries. Sunday 11/14 9:00 AM – Completion

Cash awards 1st, 2nd and 3rd place to be 50%, 35% and 15% respectively times 65% of each event's entry amount.

COMBAT

**75 MPH Combat 1/2A Combat (330) * 42 ft lines starters allowed AMA Fast Combat (328)

SPEED

1/2A Speed
A Speed (302)
B Speed (303)
1/2A Profile Proto (305)
21 Proto (306)
21 Sport Speed (307)
Formula 40 (308)
Jet (309)
F2A Speed (310)

RACING

AMA Mouse I (313)	Florida Slow Rat
AMA Mouse II (314)	Quickie Rat Race
NCLRA Fox Racing	F2CN
Northwest Clown Racing	F2C

STUNT

Plaques will be awarded to 1st, 2nd and 3rd

Plaques will be awarded to 1st, 2nd and 3rd

Basic Flight Sunday 11/14 9:00 AM –

Beginners (323)

Classic Stunt Sport Scale (509) JSO Intermediate (324)

Old Time Stunt Plaques will be awarded to 1st, 2nd and 3rd Advanced (325)

Profile Expert (322)

For additional event information contact:

Racing: Mike Schmieder, 904-743-4317, or e-mail: mas23@comcast.net

Combat: Dale Miller 904-772-8174, or e-mail: provector1@aol.com

Speed: Santo Rizzotto, 321-453-7548, or e-mail: santo3800@aol.com

Stunt: Dale Miller, 904-772-8174, or e-mail: Provector1@aol.com

RV Parking about 1 mile from flying site. (no hook-up)

Call, e-mail or write to:

Dale Miller

9380 Joloru Dr

Jacksonville, FL 32210

(904) 772-8174

Provector1@aol.com

Check out our web site at: www.coastalcontrolliners.com

SUPPLIERS

B & L HOBBIES

7606 Weymouth Rd., Hammonton, NJ 08037-3404

Harters Speed Pans, T/R Pans, Rev-Up & Top Flite Speed Props, Torque Units and more (Paul Haley) 609-567-9365

CS ENGINES AMERICA

113 North Chase Ave., Bartlett, IL 60103

G/Z .049/.061 Engines; sales, service & parts. Engines

available in both normal and pipe timed configurations. (Bill Hughes)

e-mail williamhughes4@comcast.net 630-736-6036

COMPETITION MODEL AIRPLANE PARTS

P.O. Box 462218, Escondido, CA 92046

Parts for Cox 1/2 A Engines

Phone 760-743-6022 Fax 760-743-6022

combatalbert@yahoo.com

www.CompetitionMA.com

DARP

31052 Mason St.
Livonia, MI 48154

DARP Magnesium Speed Pans for all classes including A, B,
D, F-40, 21-S, and 21 Proto. (Barry Tippett)
e-mail: btippett@ameritech.net 734-266-7290

ELIMINATOR PROPS

Steve Wilk
3257 Welcome Ave. N.
Crystal, MN 55422
763-531-0604
e-mail swilk@cpinternet.com

STEVE EICHENBERGER

Custom Fiberglass Performance Props: Moulded tops. Steve
Eichenberger 480-730-0016

GILLOTT RACING PRODUCTS

Custom engine reworking, hard chroming
Tim Gillott
1063 Harding St.
Salinas, CA, 93906
Phone 831-449-2052

LONESTAR Balsa

115 Industrial
Lancaster, TX 75134
Info 972-218-9663
Order 800-687-5555
Fax 972-218-9211
<http://www.Lonestar-Models.com>
Contest balsa, full line of Control line supplies.

MBS Model Supply

PO Box 282
Auburn KS 66402
Contact Melvin Schuette
1-785-256-2583
Solid Wire Sets and other C/L needs

MCDONALD RACING

Dave McDonald
PO Box 384
Daleville, In, 47334
DMcD143@aol.com
Hard to find racing items, kits, shutoffs

MEJZLIK MODELLBAU

Borova 14, 64400 BRNO
Czech Republic
Distributors of PROFI line of Russian FAI speed gear. PROFI
Engines, Pipes, Pans, Props, Tanks, Handles and FAI Speed
Models in kit form or ready built. (Tomas Mejzlik) Phone:
420-5-432-18888 Fax: 420-5-432-18880 e-mail
mejzlik@brno.comp.cz

MODEL ENGINE SPECIALTIES

15477 Owens Rd
Hinckley, IL 60520
Custom engine reworking, liners chromed and honed to your
specs, racing parts. (Bob Oge)

MODEL RACING SERVICES

P.O. Box 976 Cranbourne 3977
Australia
Bellcranks, Monoline Torque Units, Counterweights, Custom
Venturis, Glow Head Inserts, Line Reels, and many other
handy items. (Robin Hiern) Phone 059-96-0339

NELSON COMPETITION ENGINES

121 Pebble Creek Lane
Zelienople, PA 16063
Manufacturer of NELSON Racing Engines and parts, FAI
Pans for F2A & FIC Custom Button Heads, Nelson Glow
Plugs, many other specialty engine items. (Henry Nelson)
Phone: (724) 538- 5282
e-mail: nelcomp@fyi.net

**ZZ PROP**

1073 Windemere Dr.
Salem, OR 97304
Full line of quality Glass & C/F Props for C/LSspeed &

For Sale, Texas Quickie Rat engines...

Quickie Rat engines. K&B .40s Race prepared with
All the go-fast modifications that I know of. Call or
email;
Vicearner@aol.com or 925-447-3786

NCLRA Membership Form

Name _____

Street
Address _____

Country _____ ZIP _____

Phone# _____

E-Mail _____

AMA or Other National Organization # _____

Comments _____

Send Dues & Membership Form to:

Tom Wilk

301 W. Redwing St.

Duluth, MN 55803-1711

US Dues: \$10

International: \$12

Officer's Addresses

President

Bill Lee
601 Van Zandt County Rd.4815
Chandler, Tx 75758
Phone 903-852-5599
Email Bill@WRLee.com

Vice- President

Steve Wilk
3257 Welcome Ave. N.
Crystal, MN 55422
Phone: 763-531-0604(hm)
E-Mail: swilk@cpinternet.com

Secty/Treas

Tom Wilk
301 W. Redwing St.
Duluth, MN 55803
Phone: 218-724-0928(hm)
E-Mail: tawilk36@cpinternet.com

Editor

Tim Stone
4919 Country Oaks Dr
McHenry, Il 60050
Phone 815-344-5728
Email tstone@mc.net

Northwest Representative

Mike Hazel
1073 Windmere Dr. NW
Salem, OR 97304
Phone 503-364-8593
Email ZZCLspeed@aol.com

Midwest Representative

Stewart Willoughby
95237 Aero Drive
Naperville, Il 60564
Phone 630-904-7011
Email StooDDS@aol.com

Northeast Representative

Brian Silversmith
86 Kingsland Circle
Monmoth Jct., NJ 08852
Phone 908-274-8945
Email via Phil Valente Phil_Valente@millipore.com

Southwest Representative

Doug Mayer
1727 Penmar Av #2
Venice, CA 90291
Phone 310-392-9008
Email mayer@kmd-arch.com

South Central Representative

Russ Green
615 Oldham Ln.
Granbury, TX 76048 (817) 573-7416
Email jgreen2@charter.net

Southeast Representative

Bob Whitney
456 Garvey Rd. SW
Palm Bay, Fl 32908
Phone 321-676-0554
Email F2CRACER@aol.com

North Central Representative

Les Akre
13336-129st.
Edmonton, Alberta
Canada T5L-1J8
Home 780-454-5723 Cell # 780-919-2792
Email scaleracer@hotmail.com

Torque Roll is the official publication of the NCLRA. Published bi-monthly. All submissions are valuable & will be considered for publication subject to editing. Preferred format for publication is as a MS Word document using 10 point New Times Roman font. Any photos should be sent as a separate jpeg file, medium res. Email all as an attachment to Tim Stone

At the address given on this page. While this is preferred format, we will take submissions in just about any format, they can be written, typed or mailed to Tim Stone.

Apply for membership by mailing annual dues of \$ 10.00 to the Secretary/Treasurer at the address on this page. Make checks out to the order of " NCLRA" and be sure to provide the correct address for receiving the newsletter.