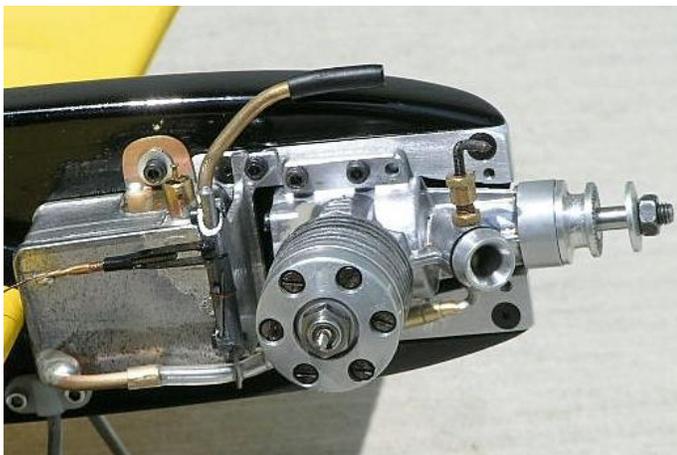


From: National Control Line Racing Association
Bill Bischoff 1809 Melody Ln.
Garland, TX 75042



TO



The Moki .15 Sport Engine as setup for Clown Racing.
Send us your Clown Race Engine preferences for the Next Issue.

**This Issue: Membership Vote On
Donation Required, See Page 4 for
Ballot**

INSIDE:
District Reports
Contest results
Suppliers/Equipment
Updated Contest Calendar

**Torque Roll Issue #136
February 2018**

PRESIDENT - Bill Bischoff

Happy New Year! I trust everyone got what they wanted for Christmas. I know Tim Stone did. Tim finally got his kidney transplant! Last I heard, all was well and Tim was planning to be back to racing this season. This is awesome news, and I can't wait to meet up with him in the center of the circle. Congrat's, Tim!

The NATS schedule is a bit "unusual" this year. Stunt, carrier, and combat are still during the "normal" week, but speed and racing are at the end of July. This was done to avoid conflict with the CL World Champ's. Racing may have suffered some, but speed would have been all but dead. Below is the schedule I have requested. AMA should have it finalized by mid February. I am still seeking volunteers to run specific days, or even individual events. Drop me an email if you're ready to wield some power and bask in some glory!

Monday, July 30 AM: Clown PM: F2C
Tuesday, July 31 AM: Mouse I PM: Quickie Rat
Wednesday, Aug 1 AM: AMA Slow Rat PM: Super Slow Rat
Thursday, Aug 2 AM: AMA Goodyear PM: Sport Goodyear
Evening: Dinner/Meeting
Friday, Aug 3 AM: 500 lap Sportsman Goodyear

Officer Nominations: Nominations for President, Vice President, and Secretary/ Treasurer are being accepted between March 1 and April 30. Before nominating anyone, please get their consent first. Spoiler alert: I am willing to go another term as Prez, but Secretary/ Treasurer Melvin Schuette is wanting to pass the baton to someone else. Once nominations are closed, we will have a ballot in the June *Torque Roll*.

SOUTH CENTRAL REPORT

Bill Bischoff

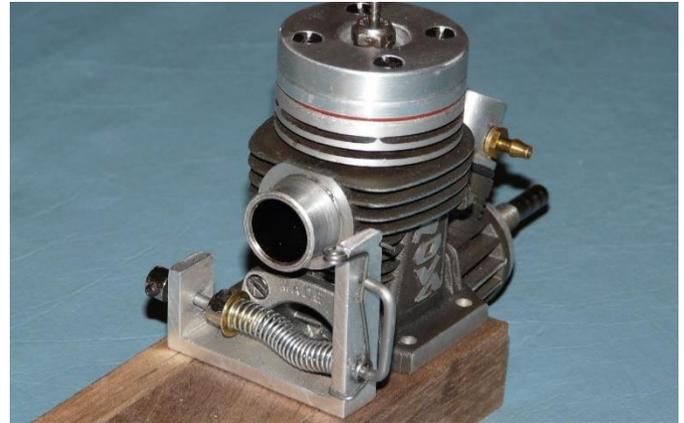
There's not much happening around the area right now. Dallas has set their contest schedule for the year. Once again, we will have racing at all five of our contests. Unofficial event rules are at nclra.org. Contact billbisch@hotmail.com with questions. The February contest is our rescheduled Labor Day contest from last year. This means a full slate of racing events. Hopefully there won't be any hurricanes this time. I hope to see some of you there.

Feb 17 **Saturday:** Quickie Rat, Super Slow Rat, Sportsman Goodyear, Fox Goldberg, Mouse I
April 28-29 **Saturday:** Quickie Rat, Super Slow Rat, Sportsman Goodyear **Sunday:** Clown, AMA Goodyear, Mouse I, Fox Goldberg
June 9 **Saturday:** Quickie Rat, Super Slow Rat, Sportsman Goodyear, Fox Goldberg, Mouse I
Sept 1 **Saturday:** Quickie Rat, Super Slow Rat, Sportsman Goodyear, Fox Goldberg, Mouse I
Oct 13-14 **Saturday:** Quickie Rat, Super Slow Rat, Sportsman Goodyear **Sunday:** Clown, AMA Goodyear, Mouse I, Fox Goldberg

I would also like to congratulate Mike Greb on his recent retirement. I hope this doesn't mean that he won't have time for hobbies any more!

FUEL SHUTOFF

I was playing around with some scraps of aluminum extrusion recently, and cobbled up this fuel shutoff. The idea was to make something that would work nicely with rear exhaust engines. Sometimes it also simplifies the installation to have the trip lever and cable at the bottom rather than the top. I present it as food for thought.



NORTH EAST - Phil Valente

South Jersey Aeromodelers Contest Results from 11-19-2017
Phil Valente reporting:

The WEATHER was the story, Wind gusts to 45 MPH. One brave contestant posted an official flight.

PERKY SPEED

Ernie Evon 89.69 Mph

CONTEST CALENDAR

NOTE! Confirm all contest details with Contest Director!

NCLRA cannot be held responsible for errors or omissions! This calendar is compiled from data collected at the NCLRA website nclra.org. and other published sources. Members can log in to NCLRA.org and submit contest details.

NORTHEAST DISTRICT

None

NORTH CENTRAL DISTRICT

None

NORTHWEST DISTRICT

None

MIDWEST DISTRICT

None

SOUTHEAST DISTRICT

None

SOUTH CENTRAL DISTRICT

Feb 17 **Saturday:** Quickie Rat, Super Slow Rat, Sportsman Goodyear, Fox Goldberg, Mouse I
April 28-29 **Saturday:** Quickie Rat, Super Slow Rat, Sportsman Goodyear **Sunday:** Clown, AMA Goodyear, Mouse I, Fox Goldberg
June 9 **Saturday:** Quickie Rat, Super Slow Rat, Sportsman Goodyear, Fox Goldberg, Mouse I
Sept 1 **Saturday:** Quickie Rat, Super Slow Rat, Sportsman Goodyear, Fox Goldberg, Mouse I
Oct 13-14 **Saturday:** Quickie Rat, Super Slow Rat, Sportsman Goodyear **Sunday:** Clown, AMA Goodyear, Mouse I, Fox Goldberg

SOUTHWEST DISTRICT

To Come



NATIONAL RECORDS

SLOW RAT (.25 engine)

Op (70 laps) 3:01.52 Jim Gall/ Les Akre 7/04/11
(140 laps) 6:17.59 Russ Green/ Bill Lee 7/07/09
(no Jr or Sr record)

½ A MOUSE 1

Jr (50 Laps) 2:37.57 Scott Matson 7/15/99
(100 Laps) 5:17.68 Scott Matson 7/17/99
Sr (50 Laps) 2:44.68 Dave Rolley Jr 7/15/99
(100 Laps) 5:20.11 D.J. Parr 7/16/98
Op (50 Laps) 2:12.3 Jim Holland 7/16/04
(100 Laps) 4:22 Ryan & Gibeault 7/15/99

½ A MOUSE 2

Op (70 Laps) 3:01.24 MacCarthy/Kerr 7/11/03
(140 Laps) 6:18.13 Whitney/Hallas 7/10/09

SCALE RACING

Jr (70 Laps) 2:50.65 Bob Fogg III 7/16/91
(140 Laps) 6:08.55 Bob Fogg III 6/23/92
Sr (70 Laps) 3:15.12 Doug Short 7/11/00
(140 Laps) 5:40.05 Bob Fogg III 7/11/95
Op (70 Laps) 2:39.38 Willoughby/Oge 7/15/97
(140 Laps) 5:33.04 Bob Fogg Sr 7/16/91

F2C TEAM RACING

Op (100 Laps) 3:42 Fisher/Wilk 7/13/15
(200 Laps) 6:43.32 Fisher/Wilk 7/16/12

F2CN (NCLRA RULES)

100 Laps 4:14.84 Bill Lee/ Russ Green 7/07/11
200 Laps 8:37:10 Wallick/Brozo 7/15/13

NCLRA 'B' TEAM RACING

Op (35 Laps) 1:24.34 Burke/Duly 7/12/05
(70 Laps) 3:05.73 Green/Lee 7/10/09
(35+70 Laps) 4:33.91 Green/Lee 7/10/09
(140 Laps) 6:08.80 Green/Lee 7/10/09

RAT RACING (.15 RULE)

Op (70 Laps) 2:44.6 Jim Holland 7/15/04
(140 Laps) 5:33.1 Jim Holland 7/15/04
Jr-Sr No record established

NCLRA FOX RACE

Jr (100 Laps) 5:57.11 Scott Matson 7/11/99
Sr (100 Laps) 5:28.09 Scott Matson 7/16/02
Op (100 Laps) 5:32.55 Tim Stone/Bob Oge 7/10/05

NCLRA CLOWN RACE

Op (7 ½ Min.) 150 Laps Bischoff/ Lee 7/15/15
Op (15 Min.) 284 Laps Bischoff/Lee 7/15/15

NCLRA TEXAS QUICKIE RAT

(70 Laps) 2:58:72 Bill Lee/Bill Bischoff 7/18/13
(140 Laps) 6:07.01 John McCollum/Bill Lee 7/14/05

NCLRA SUPER SLOW RAT

(100 Laps) 5:14.30 Bill Lee/Russ Green 7/05/09

To All NCLRA Members;

The current F2 Team manager has come to ask the NCLRA as one of the four control line special interest groups for a \$500 donation for team clothing for the upcoming World Champs.

Below is the proposal from Team Manager Bill Lee.

Hello, all;

I am writing to you as the Team Manager for the 2018 F2 team to the World Championships in July in France.

One of the big expenses that we have to cover for each trip is the cost of the uniform apparel. This time, we are seeking sponsorships, hopefully sufficient to cover the costs. We have been somewhat successful but need additional help.

I am asking your organizations, as the SIGs for the disciplines, to help. We already have a commitment from MACA, and I would hope we could see similar from NASS, NCLRA and PAMPA.

Sponsorship consists of \$500 and will result in a small logo for your organization to be included on the team polo shirt. I have attached an example of what the F3D team had for their 2017 trip to their World Championships, and ours will be similar.

Please consider this request and get back to me asap.

Regards,

Bill Lee
Team Manager
United States

Please fill out the ballot and return to, or email your reply to:
Bill Bischoff 1809 Melody Ln. Garland, TX 75042
Email: billbisch@hotmail.com

I vote

YES _____

NO _____

Ballots must be received by **February 11** to be counted.



MUNCIE 500



500 LAP SPORTSMAN GOODYEAR RACE

Friday August 3

Races flown per DMAA Sportsman Goodyear rules except as
noted

(rules available at dmaa-1902.org)

entries: Each entry gets one 500 lap race. Fastest time
wins. One

airplane, one engine. No limit on prop/ plug changes.

pit stops: Minimum of 9 required (avg. 50 laps per tank)

entry fee: One dollar. Winner takes all!



SUPPLIERS

BRODAK MANUFACTURING

Everything c/! 100 Park Ave, Carmichaels PA,15320
724-966-2726 email flyin@brodak.com

CS ENGINES AMERICA

113 North Chase Ave., Bartlett, IL 60103
G/Z .049/.061 Engines; sales, service & parts. (Bill Hughes)
e-mail williamhughes4@comcast.net 630-736-6036

DARP

969 Cedar Street Allouez, MI 49805
DARP Speed Pans for classes including
A, B, D, and 21 Sport. (Barry Tippett)
e-mail: Barry@Petrockfarm.com 906-337-4533
www.Petrockfarm.com

JIM DUNKIN

Engine reference books 816-229-9671
dunkin@discovernet.com

ELIMINATOR PROPS

Steve Wilk 3257 Welcome Ave. N. Crystal, MN 55422
763-531-0604 e-mail swilk@cpinternet.com
Online store <http://eliminatorprops.com/store/>

STEVE EICHENBERGER

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

GOODYEAR PLANS- DOUG MEYER

Douglas Mayer 5010 W. 123rd Place
Hawthorne, CA 90250 310-676-4240 Home
310-463-0525 cell
mayer@kmd-arch.com

JUST ENGINES LTD

Newby Cross Farm,Newby Cross
Carlisle, CUMBRIA CA5 6JP England
Popular engines plus spares and Pipes.Irvine, Moki, Mvvs
(<http://www.justengines.unseen.org>)

JON FLETCHER

Custom replacement engine parts, needle valves.
33 Lagari Close, Wingham, NSW 2429
Australia Tel. 61 2 6553 4548

LEE MACHINE SHOP

827 SE 43rd Street
Topeka, Kansas 66609
785-266-7714 - Sales@LeeMachineShop.com
www.LeeMachineShop.com

RITCH'S BREW

Fuel ready mixed top quality finest ingredients.
4104 Lark Lane, Houston, TX 77025 713-661-5458

MBS MODEL SUPPLY

Solid Wire Sets and other C/L needs
Contact Melvin Schuette, P.O. Box 240 Auburn KS 66402
1-785-256-2583. mbsmodelsupply.com

ZZ Props

Full line of quality Glass & Carbon Fiber props for Control
Line Speed & Racing.
Contact Mike Hazel at: 503-859-2905 Day Phone or 503-871-
1057 24 Hour Phone. Email: zzclspeed@aol.com

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

MARC WARWASHANA

Rubber fastfills, vintage Dons' racing wheels.
11577 North Shore Dr.
Whitmore Lake, MI 48189-9124
Phone: 734-449-7355 E-Mail: whellieman@gmail.com

OLD MAGAZINE PLANS & MORE ON CD

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

ZALP ENGINES

Zalp F2C&F2D engines- Bob Whitney
456 Garvey rd sw, Palm Bay FL 32908
f2cracer@aol.com

BISCHOFF'S SPORTSMAN GOODYEAR RACING PARTS

ASP S15A engine \$65.00

New in bag. (Engines came without boxes)
Includes stock muffler and carburetor.
Requires venturi and needle valve assembly.

ASP/ Magnum 15 VENTURI \$10.00

1/4" ID, 4mm spraybar, fits 10mm hole

RSM Supertigre style needle assembly \$10.00

Aluminum landing gear struts \$12.00

.090" 2024-T3, drilled & tapped, with screws
Edges pre-rounded.

wheels and axles \$6.00

1 1/4" Williams Bros. wheels, 1/4" axles

1/4" axles w/o wheels \$2.00

With hardware- requires 1/4" hole in wheels

1 oz fuel tank per Margaret June plans \$20.00

bellcrank button kit \$2.00

includes hex buttons, eyelets, screws

fuel shutoff trigger wire \$1.00

per Margaret June article

fuel bottle with fill fitting 8 oz. \$10.00

16 oz. \$11.00

Deluxe fuel bottle w/spring valve 8 oz. \$14.00

16 oz. \$15.00

racing handle, 3" spacing \$25.00

metal frame, wooden grip, stainless cable
(other spacing available by request)

Shipping \$10.00 for orders with engines / \$7.00 per order including fuel tanks
or bottles / \$3.00 per order without fuel tanks, bottles. I accept paypal or
personal checks.

Paypal: billbisch@hotmail.com/ Mail checks to William Bischoff, 1809
Melody Ln, Garland TX 75042. For questions, call (972)840-2135 or email
billbisch@hotmail.com

Officer's Addresses

President

Bill Bischoff

1809 Melody Ln
Garland, TX 75042
Phone Numbers:
972-840-2135
972-245-8379
Email: billbisch@hotmail.com

Vice- President

Les Akre

13336-129st.
Edmonton, Alberta T5L-1J8
Canada
Home: 780-454-5723
Cell(or other): 780-919-2792
E-Mail: scaleracer@hotmail.com

Secty/Treas

Melvin Schuette

P. O Box 240
Auburn, KS 66402
Home: 785-256-2583
Work: 785-221-7042
Cell(or other): 785-221-7042
E-Mail: mbschuette@cox.net

Editor

Les Akre
13336-129st.
Edmonton, Alberta T5L-1J8
Canada
Home: 780-454-5723
Cell(or other): 780-919-2792
E-Mail: scaleracer@hotmail.com

North West Representative (none)

North Central Representative

Steve Wilk
3257 Welcome Ave. N.
Crystal, MN 55422
Home: 763-531-0604
Cell: 763-257-3588
E-Mail: swilk117@yahoo.com

North East Representative

Phil Valente

1523 Ulster Way
West Chester, PA 19380
Home: 610-692-6469
E-Mail: phil_valente@millipore.com

Midwest Representative

Robert Heywood

1267 Old Country Drive
Dayton, OH 45414-1918
Phone Numbers:
937-890-7555
937-286-8202
Email: rheywood@woh.rr.com

South West Representative

Ron Duly

1806 Karen St.
Burbank, CA 91504
Home 818-843-1748
Email: rduly@earthlink.net

South Central Representative

Bill Bischoff

1809 Melody Ln
Garland, TX 75042
Phone Numbers:
972-840-2135
972-245-8379
Email: billbisch@hotmail.com

South East Representative

Jim Bradley

1337 Pine Sap Court
Orlando, FL 32825
Home: 407-277-9132
BMP4CARBON@aol.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 Times New Roman font. Any photos should be sent as a separate jpeg file, medium res. Email all as an attachment to Les Akre at the address given on this page.

NCLRA membership information

Basic membership is free. Simply apply on the web site : <http://www.NCLRA.org/> You will get the Torque Roll newsletter electronically every other month. In addition, you will get voting privileges for whenever a vote by the membership is required.

If you would like to receive a paper newsletter

A paper copy subscription is \$10.00 for US and non-US residents. Send payment to the Secretary/Treasurer listed above.

USING PAYPAL-To pay with Paypal, first log in to your Paypal account, then send the paper subscription fee to; Treasurer@NCLRA.org

Note that a \$.90 (\$1.10 for foreign membership) surcharge is added for the PayPal charges.