

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



TO



Bob Oge with his new 2018 Nat's winning NCLRA Quickie Rat model.

## Special Nat's Issue

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**Torque Roll Issue #139**

**August 2018**

## PRESIDENT - Bill Bischoff

We've got some ground to cover, so here we go. First, congratulations to Bill, Les, and Melvin, who have all been re-elected. Voter turnout was dismal, but whatcha gonna do? Then there was the World Champ's. Let's see what team manager Bill Lee has to say. Then there was the NATS. It rained on Monday and Tuesday, disrupting the schedule somewhat. We ended up moving Quickie Rat to the next day, but there were no problems associated with the change.

It was sure good to see Tim Stone back in the circle. Tim had been out of CL racing for several years, but thanks to a kidney transplant last Christmas, he's back racing again. This year he flew for himself, Bob Oge, and Dave Betz, and even had a beautiful new Knotty Girl Sportsman Goodyear.

I have listed the results from the NATS, but hopefully Melvin will fill in some of the details. For those playing along at home, the high point was won by your little ol' prez.

Bill Lee was the recipient of this year's Sportsmanship Award. Bill was only home from the World Champ's for a day and a half before heading out to Muncie to run racing at the NATS. I know I would have wanted to just chill at home instead.

We also have two new inductees to the NCLRA Hall of Fame, Bob Whitney and myself. Congratulations Bob, I hope your gold jacket fits as well as mine does.

There will only be a few minor changes to the NATS schedule next year. The Muncie 500 race only drew two entries, so it will be dropped. AMA Goodyear will now be paired with Super Slow Rat, and AMA Slow Rat will now be paired with Sportsman Goodyear. This way, those who fly one airframe in two events won't have to hurry to reconfigure the plane during lunch break. Also, we're bringing Fox Race back into the mix. The Fox racers will fly with the Super Slow Rats, but will have their own set of awards.

## SOUTHWEST - Ron Duly

Contest report. What contest report? We don't have no stinking contest report! What we do have is a story of some folks that showed up to enjoy the company of other like-minded modelers. Dave Hull, John Wright, Mike Meadows, Dave Braun and I met on the appointed day at Whittier Narrows to race. Lots of Sport Goodyear planes (SCAR and Dallas rules) lined up in the pits. John had to leave early (something about a train swap meet) so he and Mike flew first. Mike is new to racing so Dave Hull coached him between heats. Hull and Duly then flew. Actually, the Magnum 15 flew.....flew right off the plane in flight. Seems that 4-40 screws going in to a 3/16 aluminum crutch need lock-tite to secure the engine. No harm, Magnums bounce nicely on pavement. Even without the engine, the Lil Rebel flew quite well and Dave landed it without incident. That was the first DQ. We then pulled out my Lil Quickie to go again. This time one of the urethane wheels split in half and exited the plane AFTER finishing the heat but before landing. I tried to argue the point but lost to the "jury". Another DQ! Hull/Duly then flew Dave's Cosmic Wind to finish the day. Did I mention that these were all solo races? We had a definite lack of timers so decided to just go for solo scores. During a break in the action, Dave Braun flew his Tomahawk with a McCoy something-or-other. He reversed

the crankcase to put the intake in the rear and built a new front end. Result? A reverse running very odd-looking engine that ran very well. He also showed us his 1/2A LIT Special, otherwise known as a pitman's worst nightmare. No other events were contested due to lackofwanta. No need to list the various times as we really didn't take the day seriously. How un-seriously? I pitted and Dave Hull flew all three of our entries. Stop laughing..... We did have a great time, though. Next contest is September.



Lineup of SCAR Goodyears awaiting their turn.



Dave Braun with the 1/2a "LIT Special".



Dave Braun's Modified McCoy powered Tomahawk (see text for details).

## SOUTH CENTRAL - Bill Bischoff

The biggest thing that's happened around here lately is that the Dallas club had both circles resealed. In fact, now that the NATS and World Champs are over, we're finally getting around to repainting all the circle markings this weekend! That means everything will be nice and pretty for our upcoming Labor Day and Fall Finale contests. The Fall Finale is really a fun contest, so why not think about making the trip? We've had the Les Paul team come down from Canada, Charlie Johnson from California, last year Bob Oge came from Chicago, and this year he may drag Tim Stone along! At the NATS, some of the speed guys were also talking about attending. Mark this one on your calendar.

### MY NEW CLOWN RACER

My new Clown Racer was done just in time for the NATS. It is finished with fiberglass and epoxy, and Klasskote paint. The wing is covered with Ultrakote. The weight is about 21.5 oz. I wasn't going to spend big bucks on an .18TZ, but one came along on ebay that was too good to pass up. It was new in box, with a standard prop driver, and no pull start. While this is the perfect version for aircraft use, it was probably the least popular version for car use. That could be why I got it for \$139.00.



The new Bischoff Clown Racer, O.S. .18TZ Power.

I wanted to start putting time on the engine even before the airplane was finished. As luck would have it, the .18TZ (and many other 15-19 car engines) have the same mounting pattern as the ASP and Magnum 15's we use in Sport Goodyear. The TZ flew on a sport Goodyear for one weekend with the Goodyear tank, then the next weekend with the Clown tank, then the next weekend on the finished clown. (For the record, we had it going 17 flat on the GY on 52' lines!)

I added a bit of tail weight trying to improve the shutdown "shake", but that was all I did to it before the NATS. Mike Greb turned in a good pitting performance, and I got a closely contested second place with 138 laps. Now back at home, I am anxious to do more prop testing in an effort to try to improve the performance even more. Keep watching for updates.

## AMA MUSEUM ADDITION



Somewhere I also found time to build a model for the AMA museum. It's a profile Pesco Special Thompson Trophy racer, and it's now on display to illustrate the evolution of CL racing. A Florida club started racing models like this in 1959, and a construction article appeared in 1960. This event and these models led to the Goodyear racing events we still fly today.

## 2018 NAT'S RACING RESULTS

-Supplied by Melvin Schuette

Teams were given a chance to fly two 100 lap races with their best time to determine their final placement.

### The results for F2C Team race are:

Team	Heat 1	Heat 2	Place
Bischoff / Greb	4:22.78	3:52.40	1st
Hempel / Lee	4:50.31	4:00.25	2nd

### The results for NCLRA Clown Race are:

Contestant	Heat 1	Heat 2	Place
Charles Barnes Sr	142 laps	130 laps	1 <sup>st</sup>
Bill Bischoff	138 laps	98 laps	2 <sup>nd</sup>
Charles Barnes Jr	137 laps	116 laps	3 <sup>rd</sup>
Melvin Schuette	116 laps	111 laps	4 <sup>th</sup>



Alex Topunov (left), fresh from the World Champs, gets in some 3-up practice by running traffic for Bill Bischoff, and Patrick Hempel in the F2C heats.



NCLRA Clown Race Winners with ED Bill Lee.

**The results for AMA Class I Mouse are:**

Contestant	1 <sup>st</sup> heat	2 <sup>nd</sup> heat	Place
Melvin Schuette	2:32.00	2:51.13	1 <sup>st</sup>
Patrick Hempel	2:33.21	2:33.33	2 <sup>nd</sup>
Bill Bischoff	2:49.78	2:33.74	3 <sup>rd</sup>
Charles Barnes Sr	3:00.97	2:53.34	4 <sup>th</sup>
Bill Lee	3:08.94	31 laps	5 <sup>th</sup>
Dave Betz	5:34.44	47 laps	6 <sup>th</sup>
Bob Oge	35 laps	DNF	7 <sup>th</sup>
Mike Greb	33 laps	DNF	8 <sup>th</sup>
Charles Barnes JR	32 Laps	DNF	9 <sup>th</sup>



AMA Mouse 1 Winners with ED Bill Lee.

**The results for AMA Slow Rat are:**

Contestant	Heat 1	Heat 2	Final Race	Place
Bill Bischoff	3:17.13	DNF	6:49.10	1 <sup>st</sup>
Charles Barnes	3:25.72	35 Laps	9:46.84	2 <sup>nd</sup>
Dave Betz	6:41.15	4:32.16		3 <sup>rd</sup>
Bob Oge	32 laps	DNF		4 <sup>th</sup>



AMA Slow Rat Winners with ED Bill Lee.

**The results for NCLRA Quickie Rat are:**

Contestant	Heat 1	Heat 2	Final Race	Place
Bob Oge	3:36.22	3:57.19	7:50.77	1 <sup>ST</sup>
Bill Bischoff	3:34.35	3:31.13	8:10.94	2 <sup>nd</sup>
Mike Greb	3:54.19	3:34.72	9:06.65	3 <sup>rd</sup>
Dave Betz	3:45.75	3:37.75		4 <sup>th</sup>
Charles Barnes JR	3:58.31	4:03.69		5 <sup>th</sup>
Charles Barnes Sr	4:03.06	39 laps		6 <sup>th</sup>
Tim Stone	4:51.10	8 laps		7 <sup>th</sup>



NCLRA Quickie Rat Winners with ED Bill Lee.

**The results for NCLRA Super Slow Rat are:**

Contestant	1 <sup>st</sup> Heat Race	2 <sup>nd</sup> Heat Race	Place
Bill Bischoff	6:48.59	5:27.75	1 <sup>st</sup>
Mike Greb	5:50.59	5:39.25	2 <sup>nd</sup>
Charles Barnes JR	5:54.72	7:42.72	3 <sup>rd</sup>
Bob Oge	6:47.34	5:57.76	4 <sup>th</sup>
Mike Hazel	6:12.56	6:45.72	5 <sup>th</sup>
Dave Betz	12:37.37	10:48.43	6 <sup>th</sup>



**Sport Goodyear Winners with Charlie Johnson.**



**NCLRA Super Slow Rat Winners with Sponsor Pat King, and ED Bill Lee.**

**The results for AMA Scale Race are:**

Contestant	Heat 1	Heat 2	Final Race	Place
Bill Bischoff	3:12.28	3:09.10	6:36.45	1 <sup>st</sup>
Charles Barnes Jr	3:24.17	6 Laps	23 Laps	2 <sup>nd</sup>
Bob Oge	3:40.72	4:37.81		3 <sup>rd</sup>
Dave Betz	3:48.53	36 Laps		4 <sup>th</sup>
Mike Greb	69 Laps	3:53.07		5 <sup>th</sup>

**The results of the Muncie 500 are:**

1 <sup>ST</sup> Bischoff/ Greb	27:52.38
2 <sup>ND</sup> Barnes/ Barnes	30:29.00



**Muncie 500 Winners with ED Bill Lee.**



**AMA Scale Race Winners with ED Bill Lee.**



**The Ultimate Prize that the Two Entrants were fighting over. One Greenback!**

**The results for Sport Goodyear are:**

Contestant	Heat 1	Heat 2	Final Race	Place
Mike Greb	4:20.59	4:34.06	8:42.22	1 <sup>st</sup>
Charles Barnes JR	4:19.54	5:39.82	9:05.07	2 <sup>nd</sup>
Bob Oge	7:52.12	4:19.50	11:04.63	3 <sup>rd</sup>
Bill Bischoff	4:20.59	4:34.06		4 <sup>th</sup>
Patrick Hempel	4:30.08	4:37.56		5 <sup>th</sup>
Tim Stone	4:39.13	4 laps		6 <sup>th</sup>
Melvin Schuette	4:42.37	4:51.47		7 <sup>th</sup>
Charles Barnes SR	4:46.53	70 laps		8 <sup>th</sup>
Dave Betz	5:57.50	7:42.63		9 <sup>th</sup>

**NCLRA Annual Meeting Minutes  
By Melvin Schuette**

Pizza was served to everyone in attendance. Meeting called to order by President Bill Bischoff. Bill Bischoff recognized all the sponsors of the unofficial events.

High point trophy awarded to Bill Bischoff by event director Bill Lee.

Hall of fame induction of Bill Bischoff and Bob Whitney. Discussion and voted on to including Fox Racing into SSR using the NCLRA rules in 2019 at the Nat's.

Discussion and voted on to run the same events in 2019 that were run in 2018 along with Fox Racing.

Discussion and voted on that NCLRA will not provide any extra trophies for official events at future Nat's.

Two sets of trophies will be provided for unofficial events, since most of them are sponsored.

Elections results were given, all officers were reelected.

Treasurer's report was given.

Meeting adjourned to DQ.



Bill Lee presenting NCLRA President Bill Bischoff with the 2018 NCLRA High Point Trophy.

## 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](http://nclra.org) and other published sources.**

**Members can log in to [NCLRA.org](http://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

**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

**Sept 8-9**

**Wayne Trivin Memorial Speed and Racing**, sanction #

All speed events including electric, 301-310 & 334,335 + perky, NW & NASS Sport Jet & C Speed.

Racing Sunday only: SCAR Goodyear, NCLRA Clown, Super Slow Rat/Fox Race and Quickie Rat

**CD & Racing ED:**

Speed ED:

**Oct 20-21**

**Virgil Wilbur Memorial Speed, Combat, and Racing**, sanction #

All speed events including electric, 301-310 & 334,335 + perky, NW & NASS Sport Jet & C Speed.

Top 20 score MACA Combat: Saturday 80 mph combat, double elimination and HP 1/2a 42 foot lines, single elimination. Sunday F2D fast combat, double elimination, and f2d for cuts, single elimination. Racing Sunday only: SCAR Goodyear, NCLRA Clown, Super Slow Rat/Fox Race and Quickie Rat

**CD & Speed ED: Howard Doering h.714-638-4937 c.714-394-5304**

Racing ED: Combat ED: Don Jensen

flyjensen56@verizon.net Cell 909-576-3430

**Dec 1-2**

**TOYS FOR TOTS Speed, Combat and Racing**, sanction #

All speed events including electric, 301-310 & 334,335 + perky. NW & NASS Sport Jet & C Speed, Torquette Speed, Hollow Log Speed.

Top 20 score MACA Combat: Saturday 80 mph combat, double elimination and HP 1/2a 42 foot lines, single elimination. Sunday F2D fast combat, double elimination, and f2d for cuts, single elimination. Racing Sunday only: SCAR Goodyear, NCLRA Clown, Super Slow Rat/Fox Race and Quickie Rat, Musciano Log Racing

**Entry fee: 1 new unwrapped toy, approx value \$10-\$20.**

**CD & Racing ED:**

Speed ED: Combat ED: Don Jensen

flyjensen56@verizon.net Cell 909-576-3430

NOTES:

1. **Contact CD or ED to confirm contest dates before traveling long distances.**
2. All Racing events Sunday only
3. Same four Racing events each contest
4. Clown will be flown on 60' lines per NCLRA NATS rules
5. Other Racing events may be flown if two entrants show up ready to race
6. All combat is top 20 score eligible.

**Nelson**

**Competition Engines** 

121 Pebble Creek Ln.  
Zelienople, PA 16063  
(724)538-5282



Bob Oge's Pilot Shows the result of trimming props while the engine is running. Welcome back Tim.

**From the World Champs...**



Northwest Racing Legend Mike Hazel gets ready to grab his SSR entry during a pitstop.



F2C Pilot Gina Saccavino flying with Dr. Glen Lewis of New Zealand. The Father/Daughter Team of Gina and Cesare Saccavino of Switzerland placed 16<sup>th</sup> overall out of 49 teams. This young woman can Fly!



Charles Barnes Sr. Warms up the Sport Goodyear Entry.



2018 F2C Champion Mechanic Oleg Vorobiev readies for a flight as U.S.A. team member Dick Lambert looks on.



The all Russian Final was intense up until the first Pit Stop.



Pilot Sergei Andreev's World Champion Winning Smile, with Pitman Oleg Vorobeiv.



The Winners, shortly after the final was completed. The World Champion Model (left) observed to be mostly Balsa construction.

## 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



**F2C - TEAM RACING**
**Overall individual classification**

Place	N°	NAME Surname	Nation	Heat 1	Heat 2	Heat 3	Semi 1	Semi 2	Final
1	C36	Sergei ANDREEV / Oleg VOROBIEV	RUS	3 : 12,9	DISQ	32 laps	3 : 09,9	3 : 07,4	6 : 21,2
2	C37	Sergei DOZHIDAEV / Vyatcheslav DUKOV	RUS	3 : 13,3	3 : 05,1	3 : 11,1	3 : 09,2	3 : 11,3	6 : 52,4
3	C38	Denis GOROKHOV / Pavel GOROKHOV	RUS		3 : 08,9	3 : 15,9	3 : 09,1	13 laps	7 : 19,2
4	C09	Thierry OUGEN / Roland SURUGUE	FRA	3 : 10,5			3 : 19,0	3 : 09,6	
5	C46	Igor SAVCHENKO / Maksym LOBZIN	UKR	3 : 10,8	3 : 17,6	3 : 13,8	3 : 12,9	3 : 11,1	
6	C01	Richard JUSTIC / Ron LACEY	AUS	3 : 14,7	3 : 13,9	3 : 29,5	3 : 12,4	3 : 11,7	
7	C34	Antonio CARDOSO / José GOULAO	POR	DISQ	3 : 13,2	3 : 22,6	69 laps	3 : 12,8	
8	C23	Viktor AVERIN / Algis GRYGARTAS	LTU	DISQ	3 : 13,9	32 laps	3 : 15,4	98 laps	
9	C33	Mariusz BROZEK / Piotr ZYLKA	POL	3 : 19,9	3 : 12,6		67 laps	3 : 16,2	
10	C15	Luca GROSSI / Roberto LOSI	ITA	3 :	49 laps	3 : 12,8	3 : 20,0	35 laps	
11	C10	Pascal SURUGUE / Georges SURUGUE	FRA	3 : 08,3	3 : 12,0	3 : 11,3	3 : 28,0	3 : 25,0	
12	C31	Waclaw GOLISZ / Wojciech LESIUK	POL	3 : 19,0	3 : 13,2	3 : 35,9	DISQ	3 : 42,9	
13	C41	Luzian ARNO GEHLAAR / Richard ONG HOCK LENG	SIN	73 laps	3 : 14,4	3 : 25,1			
14	C40	Kevin SU WEI KEE / Wee KIM SUN	SIN	3 : 17,6	DISQ	3 : 14,9			
15	C29	Glen LEWIS / Robert BOLTON	NZL	3 : 15,9	3 : 24,4	3 : 15,2			
16	C42	Gina SACCAVINO / Cesare SACCAVINO	SUI		3 : 17,1	3 : 40,9			
17	C22	Grigorijus ORLOVAS / Zilvinas CIBULSKAS	LTU	3 : 27,8	3 : 17,4	3 : 18,7			
18	C50	Alex TOPUNOV / Piotr SOBALA	USA	3 : 40,5	DISQ	3 : 18,1			
19	C49	Dave FISCHER / Steve WILK	USA	3 : 18,3	3 : 21,5	3 : 18,8			
20	C32	Krzysztof PIOTROWSKI / Michal DZIKOWSKI	POL	DISQ	3 : 20,3	3 : 18,3			
21	C24	Ferenc ORVOS / Rob METKEMEIJER	NED	56 laps	3 : 18,4	3 : 18,7			
22	C07	Antonio BARRAGAN / Juan BARRAGAN	ESP	3 : 25,4	3 : 19,2	3 : 34,7			
23	C47	Illia RODIN / Ihor OSADCHYI	UKR	3 : 22,3	DISQ	3 : 19,7			
24	C03	Shane LEKNYS / Colin LEKNYS	AUS	3 : 29,3	DISQ	3 : 19,7			
25	C44	Per STJARNESUND / Jan GUSTAFSSON	SWE	3 : 24,9	3 : 20,4	34 laps			
26	C13	Michael FITZGERALD / Mark GREENWOOD	GBR	3 : 20,9	3 : 52,5	3 : 37,5			
27	C27	Graeme CHRISTIE / Rod BROWN	NZL	3 : 20,9	DISQ	3 : 38,8			
28	C12	Christopher BARKER / Neil TRICKER	GBR	3 : 30,9	3 : 24,3	3 : 21,9			
29	C02	Ryan LEKNYS / Julian REICHART	AUS	72 laps	DISQ	3 : 21,9			
30	C21	Nerijus ZUKAUSKAS / Gintaras SABLINSKAS	LTU	3 : 22,0	3 : 22,3	3 : 23,1			
31	C16	Roberto MARASINI / Gianfranco COCCHI	ITA	3 : 22,9	3 : 22,1	28 laps			
32	C08	Jose SANCHEZ / Pedro CRESPI	ESP	DISQ	22 laps	3 : 22,1			
33	C48	Tom FLUKER / Richard LAMBERT	USA	3 : 23,6	3 : 26,7	60 laps			
34	C35	Dmitry DINKILAKER / Igor ANDREEV	RUS	3 : 35,2	3 : 29,9	3 : 24,7			
35	C14	John JAMES / Mark THOMASON	GBR	3 : 33,5	3 : 25,8	3 : 26,7			
36	C17	Marcello MAGLI / Elvis PIRAZZINI	ITA	3 : 25,8	3 : 37,2	7 laps			
37	C28	Andrew ROBINSON / Brendan ROBINSON	NZL	3 : 29,3	3 : 31,9	48 laps			
38	C11	Dimitri JANSSENS / Thomas HANRIOT	FRA	3 : 35,6	3 : 29,3	3 : 41,1			
39	C43	Bengt-Olof SAMUELSSON / Kjell AXTELIUS	SWE	40 laps	3 : 42,6	3 : 30,4			
40	C05	Hugh SIMONS / Jens GESCHWENDTNER	DEN	DISQ	37 laps	3 : 34,0			
41	C25	Bram ANKER / Rob OLIVE	NED	3 : 34,3	3 : 49,3	3 : 58,4			
42	C04	Nikolay PALEZHEV / Nikol PAVLOVA	BUL	3 : 46,3	3 : 35,2	3 : 39,9			
43	C30	Dominik SIUDA / Jakub MUCHA	POL	31 laps	DISQ	3 : 45,1			
44	C45	Andrey MYROVITSHYI / Volodymyr HERYSH	UKR	3 : 46,7	37 laps	99 laps			
45	C39	Oh Zi XIANG / Justin Chue JUN MIN	SIN	4 : 06,1	29 laps	70 laps			
46	C26	Robert JAN VAN POPPELEN / Dick DINGLER	NED	4 : 28,0	67 laps	4 : 30,8			
47	C06	Henrik WEJLGAARD NIELSEN / Niels LYNE-HANSEN	DEN	45 laps	27 laps	31 laps			
48	C19	Nikolay MOLCHANENKO / Yuriy CHEKMAREV	KAZ	DISQ					
49	C18	Vladimir BUTSKIY / Vladimir PEREVOZOV	KAZ						
	C20	Ericks KOCUNCS / Imants KLIMASONOKS	LAT						

# Dallas Model Aircraft Association

## Fall Finalé 2018

for Control Line Speed and Racing

October 12-14, 2018

Hobby Park, Dallas, TX

Northwest Highway & Garland Rd, Dallas TX 75238

### Friday, Oct 12

Record Ratio Speed  
Sport Jet Speed  
Perky Speed

### Saturday, Oct 13

Record Ratio Speed  
Sport Jet Speed  
Perky Speed  
Texas Quickie Rat  
Super Slow Rat/ Fox Race  
Sportsman Goodyear

### Sunday, Oct 14

Record Ratio Speed  
Sport Jet Speed  
Perky Speed  
Clown Race  
AMA Goodyear  
Mouse I  
Goldberg Race

### **Pilots' meeting 9:30 AM each day**

Any speed can be flown on a percent of current record basis. Super Slow Rat and Fox Race flown combined as one event. Rules for non-AMA racing events at [nclra.org](http://nclra.org). Sport Jet and Perky rules at [clspeed.com](http://clspeed.com). 10% fuel generously provided by Ritch's Brew.

**First event \$10.00 / additional events \$5.00 ea / maximum \$25.00**

Contest director: Bill Bischoff ([billbisch@hotmail.com](mailto:billbisch@hotmail.com))

Speed event director: Patrick Hempel

**Sponsored by: Dallas Model Aircraft Association ([dmaa-1902.org](http://dmaa-1902.org))**



## SUPPLIERS

### **BRODAK MANUFACTURING**

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per Margaret June article

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