

## American Miniature Racing Car Association Member, World Organization for Model Car Racing

# MODEL RACE CAR NEWS

Established 1940 Fall, 2018

## **NATIONALS CHANGES PROPOSED**



The competitors and helpers who were at the 2018 AMRCA Nationals in Whittier Narrows, California.



### **President's Notes**

By Stuart Hamill

Another great California Nationals!!! Over 71 cars entered throughout the classes and some 35 competitors from across the U.S., Europe, and Australia.

Jane and Dave Lundegard went above and beyond the call of duty with a nice gift bag

and a bottle of wine for the racers and a great banquet evening at their home with dinner and drinks.

First day at the track, we arrived only to find that the park did not turn off the sprinklers as they promised. Luckily, no cars were running at the time so we turned over the trash cans on the sprinklers and kept fairly dry. Also, we had put up some clear vinyl sheet over the chain link fence around the track to cut down on the smoke, noise, and occasional part that flies off the cars. This only lasted two days before the park's homeless people tore out a six foot section to make a tent. Two weeks after the Nats it was all gone. If it ain't nailed down then its history.

The race week went along pretty smoothly with only one car crash. David Chadwick from Australia was running his 10cc car at speed when he went to shut it off. It caught and broke the head off the broom. Then the car came around hitting it, flipping over, and skidding along on the shut-off arm and the rear section of the car, breaking off the tailpipe stinger.

I was on the pole horsing and, when you see this happen, there is not much you can do but ride it out. Most of the tracks in Europe and the track in New York have a mechanical broom or mop type shutoff. Holding on to the broom can be tricky so we will be installing a mechanical arm soon. Steve O'Donnell almost broke his own 10cc record with a 206.059. Tonu Sepp turned a 206.364, just a few milliseconds faster. Tonu also did an amazing 191.814 with his 5cc car. I would be happy if my 10cc car did that. All I really wanted was the Class 3A Custom win. It was close with Jack Boudakian nipping at my heels and Richie Rich finishing in third with his new Marvin Justus J78 Speedster.

Some records were set in Class 4 by Bob Jaquez with his Railton Rossi at 142.193 and Steve Morse in Class 6D with his Fryco MK8-OPS at 144.209. It was nice to have Dan Bridges back at the track running cars and serving as Technical Advisor.

Thanks to Marvin Justus and his son for making up the great t-shirts for all the entrants and we would have been lost without Marvin's good friend Bill, who worked as linemaster throughout the entire meet. He kept us on track hooking up the cars and keeping the cotter pins straight with his needle nose pliers, which the entrants tried to steal several times. All in all it went pretty good, getting in two heats a day with no time lost using our new computer system,

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thanks to the help from Phil McDonald, Kevin Wells and my father. The system would crash occasionally but no times were lost.

We ran again last weekend, our first race since the Nats, and our speed clock stopped working. I'm so glad it didn't happen at the Nationals. We put up our old clock that George and Roger Phillips built for us and finished out the day. We will have to spend some time adjusting the new timing system before next season.

We lucked out with the weather, not too hot and no rain. Many thanks to Dan Bridges and Bob Jacquez for the delicious barbecue on Saturday. It was off the hook and I needed to take a nap after that lunch.

It looks like we may try to run a combined Nationals next year with all three tracks running on the same weekend. This is a proposal my father came up with and is published in this newsletter. He would appreciate any comments or suggestions.

I will be stepping down from the presidency next year but I will continue to promote racing, build cars and help anyone willing to come out to the track, set up, and run race cars.

#### **Secretarial Notes**



By J. Phil McDonald

WOW...what a wonderful Nationals! A great chance to renew old friendships, run on a great track, enjoy an outstanding banquet and just have a great time!!

Attendance at this year's Nationals was good but it was a shame to see so few from the Midwest and Long Island Clubs. A

sign of the times, a sign of increasing age of our members along with ever rising costs of traveling and hotel prices.

My thanks go out to the VMRCA, especially Stuart Hamill, Charlie Hamill, Dave Lundegard and all those who worked so hard to stage a smooth Nationals.

Thanks to our contestants from afar, Paul Otto Strobel, John Walker, Dave Chadwick, Tonu Sepp, Ando Rohtmets, Gabor Dobroci and Bondor Gyorgyi. That just goes to show how international our sport really is!

It took 206 mph to win World Class 10cc and the first four Americans were over 200, along with Tonu Sepp from Estonia.

The most major thing to come out of the A.M.R.C.A. business meeting was a change in the structure of the A.M.R.C.A. Nationals. Starting in 2019, on a weekend to be determined in September, each of the three tracks will host what is to be known as Nationals Weekend. The results will be combined from the three tracks and a Nationals Winner will be announced for each class. Every three years, starting in 2021, we will return to California for a traditional Nationals. This will help participation in the Nationals and still produce our traditional class winners.

Elsewhere in this issue of Model Race Car News is a copy of the 2018 A.M.R.C.A. Financial Statement as well as the minutes from the A.M.R.C.A. Annual Business Meeting. Dave Lundegard received the only nomination for 2019

A.M.R.C.A. President as well as Marvin Justice receiving the only nomination for A.M.R.C.A. Vice President for 2019. Phil McDonald noted that he was comfortable doing the A.M.R.C.A. Secretary job and again received the only nomination for that position.

So, the 2019 A.M.R.C.A. Officers will be:

Dave Lundegard.....President

Marvin Justice.....Vice President

J. Phil McDonald.....Secretary/Treasurer

A wonderful Nationals is now in the history books. Awards were passed out at the track Saturday evening, we all said our good byes, and I look forward to Nationals weekend next September!!

Keep your speed up!

### 2018 AMRCA Annual Meeting, Whittier Narrows, California

The meeting was called to order by A.M.R.C.A. President, Stuart Hamill, at the conclusion of racing on Saturday, September 29, 2018.

Attendance: Stuart Hamill, Dave Lundegard, J. Phil McDonald, Jack Boudakian, Brian Boudakian, Charlie Hamill, Jim Okel, Nick Tucci II, Dan Bridges, Mark Hibbert, John James, Leroy James, Gerald James, Glen Dye, Kevin Wells, Richie Rich, Marvin Justice, Frank Fisher, Steve Morse, Jim Person, Marshall Ziegert, Armen Arshakyan, Steve Torrey, Dick Hughes, Jim Gonsalves, and Rod Sabbitini.

**Minutes:** Phil McDonald read minutes from the 2017 annual meeting held September 15, 2017 at the Cedar Creek track on Long Island. Minutes were approved.

**Financial Statement**: Phil McDonald read the FS and explained that it represented a 13 month period and that some expenses, like the web site, cover two years, so expenses appeared to be more than usual. The umbrella policy has been dropped and insurance expenses will be reduced in the future. The statement was approved.

### **Old Business:**

- 1. R/C Beginner Car Project: Kevin Wells explained that work on that project continues with problems with tires and acceptable speeds being experienced. Bill Siry will submit a report on his progress.
- **2. Tail Skid:** Nick Tucci II and Stuart Hamill discussed that many members had discontinued the use of a carbide tip on their music wire tailskids lessening the wear issue on our tracks. It was recommended that either a flying wire tail skid be used, or the adoption of the tailskid into the body of the cars.
- **3.** Anderson Fence: Phil McDonald reported that no progress had been made on installing half inch mesh wire around the Anderson track to help contain parts to the inner track. Phil also noted that he liked the vinyl cloth applied this year to the Whittier Narrows track and that he would look into using the same at the Anderson track.

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- **4. New Timing Systems:** It was reported that the California track was now using the same Elpractice timing system from the Ukraine as Anderson. New York has not upgraded yet.
- **5. Electric Car Rules:** Existing rules have been in effect for five years and it was decided to begin establishing records in 2019. All rules and claim forms will be included into the rulebook.

### **New Business:**

- 1. Nationals: Charlie Hamill introduced an idea for future Nationals. After much discussion, it was decided that, beginning in 2019 on a common weekend in September to be decided, each of the three A.M.R.C.A. tracks will host what is to be known as Nationals Weekend. Upon completion of the three individual races, the results will be compiled and Class Winners will be announced for each class. This new Nationals structure will be reviewed each year. The A.M.R.C.A. will provide trophies to the top three places in each class with three cars pre-registered and competing.
- 2. Rules: Marvin Justice asked that a review be made of the rulebook to reduce confusion and specify dimensions and tolerances. Members will submit requests to the rules committee. The membership will vote on the new rule changes. A new rulebook will be made available on the web site which can be downloaded.
- 3. Shutoff: Nick Tucci stated that a mop head was being used on the automatic shutoff arm at the Cedar Creek track with good results. Phil McDonald said that Midwest member Don Ulrich had constructed a shutoff device using felt strips and that too was successful.

#### Officers:

For President: Dave Lundegard was nominated by Stuart Hamill no other nominations were received. Dave Lundegard will be the 2019 A.M.R.C.A. President.

For Vice President: Bill Siry and Marvin Justice were discussed and Marvin Justice received the only nomination. The 2019 VP will be Marvin Justice.

For Secretary/Treasurer: J. Phil McDonald received the only nomination and will continue as 2019 A.M.R.C.A. Secretary/Treasurer.

The meeting adjourned at 6:15 P.M. *J. Phil McDonald, A.M.R.C.A. Secretary/Treasurer* 

### **Proposal for new AMRCA National Races**

By Charles Hamill

At the present time each one of the three tracks hosts the AMRCA Nationals on a three year rotation schedule. Over the past several years the number of members who attend the National races has been declining. There are several reasons for this:

- -Airline travel and hotel costs have become too expen sive for many.
- -Many members cannot get away from work.
- -Older members find it difficult to travel.
- -Family obligations keep members close to home. -etc.-etc.

I would like to propose an idea that will allow all AMRCA members to race against each other on National race days.

- -Select a two day date on a Saturday and Sunday, probably in September, that will be designated as the AMRCA Nationals.
- -On those two days each of the three tracks will hold races for all their local members in the usual AMRCA Nationals format of two official heats each day for all classes.
- -A small entry fee of five or ten dollars for each car would be collected at registration to defray the awards cost
- -At the conclusion of the two day event the local club will give a Nationals participation award to each entrant that races; a trophy, plaque, or ribbon for example.
- -The results of all three events will be sent to a person (like Nick Tucci) who will arrange the final list with the fastest speeds in each class, regardless of location.
- -Those results will be posted as the official results of the AMRCA Nationals for that year.

The national AMRCA organization will provide the first, second, and third place winners in each class an award that is labeled from the AMRCA National event.(a trophy etc.) These awards can be presented at each local track at a later race day.

This type of format will allow every member to race against all the other members on specific race days at the same time. In conclusion, I would like to point out how our present system has resulted in lower participation in the National event each year.

An example is this year with the Nationals here in Whittier California. We had one entry from Anderson and one from New York.

I realize that some folks would think this is a break from tradition but I believe it is time for a change in order to allow the interest in our sport to thrive.

## A.M.R.C.A Financial Statement August 31, 2018

Checkbook balance, August 31,2017: \$5740.52

Income:

Dues: 4474.26 Donations: 60.00

Total Income: \$4534.26

**Expenses:** 

Newsletter: 1678.12 Postage: 149.00 Insurance: 305.00 Web Site Support: 2231.00 Nationals Support 500.00 Flowers: 148.50

Total Expenses: \$5011.62

Checkbook Balance, August 31, 2018: \$5263.16

### From The Timing Hut

by Charlie Hamill

Although I am allowed out to run one or two of my cars, I spend most of my track time in the timing hut with the computer. It may sound like a boring way to spend race day but in reality I have the best seat in the house.

I get to see every run and watch the antics that grown men go through just to get their car to start and run. We have a small sign that we put up just as you enter the pit box asking you to check the fuel-battery-bolts-etc. and it is surprising to watch even the most experienced guy forget to hook up a fuel line or have a bad plug. When I get to run I am just as guilty as the rest.

I am nowhere claiming to be an expert but after watching thousands of runs I sometimes wish I had the timing button with me in the booth so I could push the button instead of yelling"push the button now". It is amazing how some of the racers have the magic touch of when to push the button as you can see on the printed run results when the computer tells you how close you were to eight perfect laps. I think that Jim Okel is the all-time champ as a start button pusher at Whittier. I would personally like to thank all the racers who entered our recent Nationals at Whittier for their patience and kind words throughout the event. I did not get one complaint or question about their timing sheets.



Life was made a lot easier too since Phil McDonald spent every day with me in the booth during the Nationals and Kevin Wells was there to answer the technical questions.

See you at the next meet!!!!

### New York Has a New Shutoff

By Nick Tucci



Thanks to Bill Siry, a string mop replaces the bristle broom at the New York track.

### **2018 AMRCA Racing Schedule**

Seaford, NY Whittier Narrows, CA

(Monthly races) (All Sundays) November 3 October 28

December 1 November 11 and 25

Note: Radio Control is December 9

York track.

forbidden at the New

## AMRCA 2018 Nationals Whittier Narrows, California



Dan Bridges hooks up for a run with his Class 3A Fryco MK 4.



Harold and Carl McCoy dropped by to see old friends and watch the action.



John and Mrs. Walker came from Australia to race. Tonu Sepp is in the background.



Tonu Sepp (left) and Arno Rohtmets, from Estonia, display their winnings.



Lee Roy James' beautifully finished Hotrod.



Jim Okel is happy with his runs..

### **More AMRCA 2018 Nationals Photos**





Steve Morse's Class 6D record setting car with OPS power.



Kevin Wells was selected to receive the "Ed Baynes Sr. Sportsmanship Award" for 2018 for his help this year to prepare and run this year's Nationals.



Marvin Justus and Bill Sumner with Marvin's winning Class 3C Speedster 78.



Lee Roy James preps his car.

### **Still More AMRCA 2018 Nationals Photos**



A couple of great looking cars awaiting their turns to run.



Dick Boone preps his RB Special for WMCR 10 cc competition.



J. Phil McDonald has been an AMRCA member since 1968, 50 years!



Jack and Steve O'Donnell of glow plug fame prep their WMCR 10 cc winning cars.



Stuart (left) and Charlie Hamill, along with Dave Lundegard, ran the show.



Nick Tucci (left) with Jack and Brian Boudakian.

### **Even More AMRCA 2018 Nationals Photos**



Armen Arshakian preparing his 3.5 cc WC car.



Mark Hibbert and Tom Bright enjoy the action.



Stuart Hamill with his Class 10B Nelson - powered Ellis Patriot.



Richie Rich pushes off his Hotrod.



Steve Torrey preps his FTL 10 cc WMCR entry.



Dave Lundegard admires his 2018 Outstanding Club Member Award. The car actually runs around the track.



Gyorgyi Bondor, Gabor Dobrocsi, and their daughter Susie came from Hungary to race.



### 2018 NATIONALS WHITTIER NARROWS 27.09.2018 - 29.09.2018



### Class results

Place	Competitor	Model	Engine	Time	mph	km/h
1	STEVE O'DONNELL	LINAS	PICCO	5.42792	206.059	331.619
2	JACK O'DONNELL	PICCO	PICCO	5.46393	204.701	329,434
3	DAVE LUNDEGARD	LINAS	PICCO TESTAROSSA	5.54648	201.654	324.531
4	JIM OKEL	LINAS	PICCO TESTAROSSA	5.55179	201.461	324.220
5	A. TUCCI (proxy by N. Tucci II)	DENNELER	PICCO TESTAROSSA	5,63165	198.604	319.623
6	BRIAN BOUDAKIAN	FTL	PICCO	6.01610	185.913	299.198
7	JOHN JAMES	DURAN	PICCO	6.02932	185.505	298.542
8	STEVE TORREY	FTL	EAGLE	6.08040	183,947	296.034
9	STUART HAMILL	DURAN / HAMILL	EAGLE	6.08691	183.750	295.717
10	JIM GONSALVES	LINUS	PICCO	6.31043	177.241	285.242
11	LEE ROY JAMES	HAHNSEN	PICCO	6.49448	172.218	277.158
12	JACK BOUDAKIAN	FIL	PICCO	6.52256	171.477	275.966
13	DICK HUGHES	LINUS	PICCO	6.62155	168.914	271.840
14	DICK BOONE	RB	PICCO EXR	7.73546	144.590	232.695
15	PHIL McDONALD	M2	PICCO TESTAROSSA	9.99904	111.858	180.018
	GLEN DYE	DENNELER	PICCO	12.0		

Class: CLASS E2 Volume: 41 - 60 WH Distance: 0.311 Mi

Place	Competitor	Model	Engine	Time	mph	km/h
1	KEVIN WELLS	FRYCO MK 10	CASTLE 1515	5.61046	199.354	320.830

Class: CLASS E3 Volume: 61 - 80 WH Distance: 0.311 Mi

Place	Competitor	Model	Engine	Time	mph	km/h
1	KEVIN WELLS	VECTOR	NEU-1521	5.78682	193.279	311.052
2	DAVE LUNDEGARD	VECTOR	NEU-1521	5.81567	192.320	309.509
	KEVIN WELLS	VECTOR	NEU-1521	÷	(3	le le
	STEVE O'DONNELL	VECTOR	NEU-1521	- T		

Class: 10cc WC-G Volume: 5 - 10CC Distance: 0.311 Mi

Place	Competitor	Model	Engine	Time	mph	km/h
1	TONU SEPP	PICCOLINA	PICCO TESTAROSSA	5.41988	206.364	332.111
2	PAUL OTTO STROBEL	SCHMUTZ	PICCO TESTAROSSA	5.64225	198.231	319.022
3	ANDO ROHTMETS	PICCOLINA	PICCO TESTAROSSA	5.68012	196.910	316.895
4	DAVID CHADWICK	DMITIREV	PICCO	6.28239	178.033	286.516

Class: 5cc WC-G Volume: 3.5 - 5 CC Distance: 0.311 Mi

Place	Competitor	Model	Engine	Time	mph	km/h
1	TONU SEPP	SEPP	NOVA ROSSI	5.83100	191.814	308.695
2	JOHN WALKER	LINUS STELLING	NOVA ROSSI	6.10230	183.287	294.971

Class: 3.5cc WC-G Volume: 2.5 - 3.5 CC Distance: 0.311 Mi

Place	Competitor	Model	Engine	Time	mph	km/h
1	GABOR DOBROCSI	GADO	CMB 21	10.56446	105.871	170.383

**Class:** 2.5cc WC-G **Volume:** 1.5 - 2.5CC **Distance:** 0.311 Mi

Place	Competitor	Model	Engine	Time	mph	km/h
1	GYÖRGYI BONDOR	GADO	STL	6.96575	160.567	258.408



STEVE MORSE

JIM PERSSON

Competitor

Class: CLASS 8

Place

1

### 2018 NATIONALS WHITTIER NARROWS 27.09.2018 - 29.09.2018



### Class results

	CLASS 3A		me: MAX .61 CI D			1,233.00
Place	Competitor	Model	Engine	Time	mph	km/h
1	STUART HAMILL	KUEBLER / ELLIS	EAGLE	6.72199	166.390	267.778
2	JACK BOUDAKIAN	FRYCO MK 4	PICCO	6.77419	165.108	265.715
3	RICHIE RICH LAGUILLO	SPEEDSTER J78	PICCO	7.22888	154.722	249.002
4	BRIAN BOUDAKIAN	JACK CAR	PICCO	7.28522	153.526	247.076
5	FRANK FISHER	FRYCO MK 4	OPS	7.43499	150.433	242.099
6	MARVIN JUSTUS	SPEEDSTER J78	PICCO	8.81391	126.898	204.223
	DAN BRIDGES	FRYCO MK 4	PICCO		R. 1.	l e
lass	: CLASS 3B	Volu	me: MAX .61 CI D	istance: 0.3	311 Mi	
Place	Competitor	Model	Engine	Time	mph	km/h
	STEVE MORSE	FRYCO MK 4	ROSSI	4 Fe •c =1	B 9. 11	
lass	: CLASS 3C	Volu	me: MAX .61 CI D	istance: 0.3	311 Mi	
Place	Competitor	Model	Engine	Time	mph	km/h
1	MARVIN JUSTUS	SPEEDSTER J78	PICCO	7.02317	159.254	256.295
2	STUART HAMILL	PATRIOT / ELLIS	EAGLE	7.47091	149.710	240.935
lass	: CLASS 4*	Volu	me: MAX .61 CI D	istance: 0.3	311 Mi	
Place	Competitor	Model	Engine	Time	mph	km/h
1	BOB JAQUEZ	RAILTON	ROSSI	7.86588	142.193	228.837
2	DAN BRIDGES	RAILTON	McCOY	9.32790	119.906	192.970
3	MARK HIBBERT	RAILTON	McCOY	10.29266	108.667	174.882
4	JIM PERSSON	K & G	McCOY	10.57647	105.751	170.189
5	STEVE MORSE	INVADER	ROSSI	20.04694	55.793	89.789
	CASEN JAQUEZ	RAILTON	ROSSI	1	19	100
	JIM OKEL	INVADER	ROSSI	4.0	1/2	_
	STEVE MORSE	RAILTON	ROSSI	÷	19	é
	BOB JAQUEZ	DOOLING F CAR	ROSSI			-
lass	: CLASS 6B	Volu	me: .1315 CI D	istance: 0.3	311 Mi	
Place	Competitor	Model	Engine	Time	mph	km/h
1	CHARLIE HAMILL	MMM ROADSTER	NELSON 15	9.50298	117.697	189.415
	JIM OKEL	MMM INDY	NELSON 15			
lass	: CLASS 6C	Volu	me: .1621 CI D	istance: 0.3	311 Mi	
Place	Competitor	Model	Engine	Time	mph	km/h
1	MARK HIBBERT	мн	ROSSI 21	9.01225	124.105	199.728
2	RICHIE RICH LAGUILLO	BOTTOMS UP	PICCO 21	10.00915	111.745	179.836
lass	: CLASS 6D*		me: .2229 CI <b>D</b>	istance: 0.3		
Place	Competitor	Model	Engine	Time	mph	km/h
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OPS

Engine

MCCOY 60

Volume: MAX .61 CI Distance: 0.311 Mi

7.75587

Time

11.89455

144.209

mph

94.032

232.083

km/h

151.330

FRYCO MK 8

Model

PERSSON



### 2018 NATIONALS WHITTIER NARROWS 27.09.2018 - 29.09.2018



### Class results

Volume: MAX .46 CI Distance: 0.311 Mi

Place	Competitor	Model	Engine	Time	mph	km/h
1	MARSHALL ZIEGERT	MMM INDY	NELSON 40	8.25415	135.504	218.072
2	RICHIE RICH LAGUILLO	BRIDGES HOT ROD	NELSON 40	8.71009	128.411	206.657
3	JOHN JAMES	K & G HOT ROD	JETT 46	10.24429	109.180	175.708
4	JAY PROCENKO	K & G	OS-46	10.33573	108.214	174.153
5	LEE ROY JAMES	K & G HOT ROD	NOVA ROSSI 46	13.46292	83.078	133,701
	RICHIE RICH LAGUILLO	MMM INDY	PICCO 40	19.25156	16	9
	GERALD JAMES	K & G HOT ROD	ROSSI 45	100000		
lass	: CLASS 9B	Volu	me: MAX .60 CI Di	stance: 0.3	11 Mi	

	00,000		Fording 1000 of Distances 0.511111					
Place	Competitor	Model	Engine	Time	mph	km/h		
1	MARSHALL ZIEGERT	MMM COUPE	NELSON 60	9.04285	123.686	199.053		
2	CHARLEY MURPHY	WATSON	OPS	9.07253	123,281	198.401		
	MARSHALL ZIEGERT	MMM COUPE	ROSSI 61		R	-		

Class: CLASS 10A		Volume: MAX .46 CI Distance: 0.311 Mi				
Place	Competitor	Model	Engine	Time	mph	km/h
1	JIM PERSSON	K & G	THUNDER TIGER 46	10.43503	107.184	172.496

LIASS TUB		Volume: MAX .80 C1 Distance: 0.311 MI						
Place	Competitor	Model	Engine	Time	mph	km/h		
1	STUART HAMILL	PATRIOT / ELLIS	NELSON	7,51767	148.779	239,436		
2	STEVE MORSE	HELANDER	NELSON	7.89524	141.664	227.986		
	LEE ROY JAMES	COOPER	S T 60					

Class: 1	.5cc WC	Volume: MAX .15 CC Distance: 0.311 Mi				
Place	Competitor	Model	Engine	Time	mph	km/h
GLI	EN DYE	AFA	AFA			The Sale

Class: 2.5cc WC		<b>Volume:</b> 1.5 - 2.5 CC <b>Distance:</b> 0.311 Mi					
Place	Competitor	Model	Engine	Time	mph	km/h	
GI	EN DYE	NSC	PICCO	34		-	

Class: 3.5cc WC		<b>Volume:</b> 2.5 - 3.5 CC <b>Distance:</b> 0.311 Mi						
Place	Competitor	Model	Engine	Time	mph	km/h		
1	RICH DEMOCH	NSC	Nova Rossi	6.50778	171.867	276.592		
2	ARMEN ARSHAKYAN	BAR BIN	NOVA ROSSI 21	7.13789	156.695	252.176		
	GLEN DYE	STELLING	NR/FALK			H		

Class: 5cc WC		Volu	311 Mi			
Place	Competitor	Model	Engine	Time	mph	km/h
	GLEN DYE	STELLING	NR/FALK	77 545	×.	
	CHARLEY MURPHY	PIOTTI	PICCO	the second	8-1	-

<sup>\*</sup>New records set in Class 4 and 6D.

# Whittier Narrows Fun Run, September 8, 2018 Photos by Craig Wise and Rod Sabatinni









Complete 10cc world class car kit for sale. Price approximately \$5K Please inquire for details.

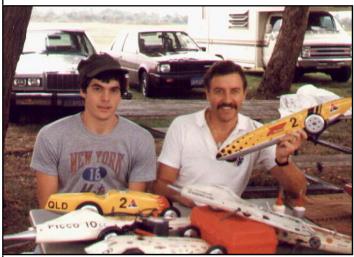
Dave Lundegard, 3110 San Pasqual Street, Pasadena, CA 91107 lundegarddave@gmail.com

Cell/text 626-590-9655

### 35 Year Reunion

Bv Nick Tucci II

John Walker and Nick Tucci II: 1983 and 2018: A 35 year reunion at Whittier Narrows.



Nick Tucci II and John Walker, of Australia, at the 1983 Nationals in Whittier Narrows, California.



John Walker and Nick Tucci II at the 2018 Nationals in Whittier Narrows, 35 years later.

	Racing R	esults			Electric EDF Class	E-1			
Au	gust 19, Whittie		, CA		<ol> <li>Mike Baldwin</li> </ol>	Black/Baldwin	80 MM	140.687	226.414
Place Name	Car/Build		<b>MPH</b>	KmH	2. Mike Baldwin	White/Baldwin	70 MM	104.739	168.561
WMCR 10 cc		Ü							
1. Steve O'Donnell	Linas	Picco	198.744	319.847					
2. Stuart Hamill	Duran/Hamill	Eagle	184.559	297.019	\$	September 8, S	eaford, N	Y	
3. Jim Okel	Linas	Picco	74.033	119.145	Place Name	Car/Build	Engine	MPH	KmH
4. Dave Lundegard	Linas	Picco	N.T.	00.000	WMCR 10 cc				
5. Jack O'Donnell	Picco	Picco	N.T.	00.000	1. B. Siry	Denneler	Picco EXR	185.854	299.103
6. Dick Hughes	Linas	Picco	N.T.	00.000	2. A. Tucci	Denneler	Picco EXR	NT	0.000
7. Jack Boudakin	FTL	Picco	N.T.	00.000	Electric Class E1				
9. Brian Boudakian		Picco	N.T.	00.000	1. B. Siry	R/C Demo		89.335	143.770
WMCR 3.5cc		11000	1,121	00.000	•				
1. Armim Arshakyar	n Barben	Novarossi	N.T.	00.000					
AMRCA Class 3A	n Bureen	1101410551	11.11	00.000	(	October 14, Seafor	rd, New Yor	·k	
1. Jim Okel	J78 Speedster	Picco	160.080	257.625	Place Name	Car/Build	Engine		KmH
2. Frank Fisher	Fryco MK4	OPS	151.534	243.870	WMCR 10 cc				
3. Dan Bridges	Fryco MK4	Picco	N.T.	00.000	1. A. Tucci	Denneler	Picco TR	198 486	319.432
AMRCA Class 4	Tryco MIK4	11000	11.1.	00.000	2. B. Siry	Denneler	Picco EXR		00.000
1. Casen Jaquez	Railton	Rossi	140.935	226.813	3. D. Phillips	FTL / Frymire	Picco EXR		00.000
2. Bob Jaquez	Railton	Rossi	133.864	215.433	Electric Class E1	1 1L7 11yiliile	Ticco Litte	111	00.000
3. Steve Morse	Railton	Rossi	122.053	196.426	1. B. Siry	R/C Demo		91.058	146.544
4. Dan Bridges	Railton	McCoy	115.140	185.300	FEMA 3B	IC Dellio		71.030	170.577
5. Frank Fisher	Railton	Rossi	N.T.	00.000		Monza	MDS	70.530	113.507
	Kallion	KOSSI	N. 1.	00.000	1. B. Siry	Monza	MDS	70.530	113.307
AMRCA Class 6A	NT 11 4	D' 10	NIT	00.000	AMRCA Class 7B	TEMP 1	TEL (D	67.550	100.715
1. Jay Procenko	Nylint	Picco 12	N.T.	00.000	1. B. Siry	TEMP-1	TEMP	67.553	108.715
AMRCA Class 7C	M	M G 10	47.642	76 675					
1. Jay Procenko AMRCA Class 9A	Martin Flash	McCoy 19	47.043	76.675		0 . 1 . 12 0 14			
1. Richie Rich	MMM Indy	Nelson 40	110 271	191.948	Place Name	October 13 & 14 A Car/Build		N <i>MPH</i>	KmH
1. Kichie Kich	IVI IVI IVI TITCI V	Neison 40							$\kappa mH$
	1,11,11,1 1114,	Treison To	117.2/1	191.940		Cui/Duitu	Lingine	1711 11	11,,,,11
	-			191.940	AMRCA Class 3A		J		
	August 26, Se	aford, NY	<i>Y</i>		AMRCA Class 3A  1. Jim Crabb	Kuebler/Ellis	Eagle	NT	00.000
Place Name	-		<i>Y</i>	<i>Ктн</i>	AMRCA Class 3A 1. Jim Crabb AMRCA Class 3C	Kuebler/Ellis	Eagle	NT	00.000
Place Name FEMA 3B	August 26, Se	aford, NY <i>Engine</i>	И <b>МРН</b>	KmH	AMRCA Class 3A 1. Jim Crabb AMRCA Class 3C 1. Jim Crabb	Kuebler/Ellis Ellis/Patriot	Eagle Nelson	NT 136.183	00.000 219.166
Place Name FEMA 3B 1 N. Tucci II	August 26, Se Car/Build Monza	<b>aford, NY</b> <i>Engine</i> MDS	MPH 108.800	<b>KmH</b> 175.097	AMRCA Class 3A 1. Jim Crabb AMRCA Class 3C 1. Jim Crabb 1. Lee Foldenauer	Kuebler/Ellis	Eagle	NT	00.000
Place Name FEMA 3B 1 N. Tucci II 2 B. Siry	August 26, Se	aford, NY <i>Engine</i>	И <b>МРН</b>	KmH	AMRCA Class 3A 1. Jim Crabb AMRCA Class 3C 1. Jim Crabb 1. Lee Foldenauer AMRCA Class 4	Kuebler/Ellis  Ellis/Patriot Ellis/Patriot	Eagle Nelson Nelson	NT 136.183 NT	00.000 219.166 00.000
Place Name FEMA 3B 1 N. Tucci II 2 B. Siry Electric Class E1	August 26, Se Car/Build Monza Monza	<b>aford, NY</b> <i>Engine</i> MDS	MPH 108.800 NT	<b>KmH</b> 175.097 0.000	AMRCA Class 3A 1. Jim Crabb AMRCA Class 3C 1. Jim Crabb 1. Lee Foldenauer AMRCA Class 4 1 Ed Spencer	Kuebler/Ellis Ellis/Patriot	Eagle Nelson	NT 136.183 NT	00.000 219.166
Place Name FEMA 3B 1 N. Tucci II 2 B. Siry	August 26, Se Car/Build Monza	<b>aford, NY</b> <i>Engine</i> MDS	MPH 108.800 NT	<b>KmH</b> 175.097	AMRCA Class 3A 1. Jim Crabb AMRCA Class 3C 1. Jim Crabb 1. Lee Foldenauer AMRCA Class 4 1 Ed Spencer AMRCA Class 9A	Kuebler/Ellis  Ellis/Patriot Ellis/Patriot Railton	Eagle Nelson Nelson McCoy 60	NT 136.183 NT NT	00.000 219.166 00.000 00.000
Place Name FEMA 3B 1 N. Tucci II 2 B. Siry Electric Class E1 1 B. Siry	August 26, Se Car/Build  Monza  Monza  R/C Demo	aford, NY Engine MDS MDS	MPH  108.800 NT  94.179	<b>KmH</b> 175.097 0.000	AMRCA Class 3A 1. Jim Crabb AMRCA Class 3C 1. Jim Crabb 1. Lee Foldenauer AMRCA Class 4 1 Ed Spencer AMRCA Class 9A 1. Ron Hesskamp	Kuebler/Ellis  Ellis/Patriot Ellis/Patriot  Railton  MMM/McDonald	Eagle Nelson Nelson McCoy 60 Rossi 45	NT 136.183 NT NT NT	00.000 219.166 00.000 00.000 222.141
Place Name FEMA 3B 1 N. Tucci II 2 B. Siry Electric Class E1 1 B. Siry Sep	August 26, Se Car/Build  Monza  Monza  R/C Demo  stember 1 & 2,	aford, NY Engine MDS MDS	MPH  108.800 NT  94.179  n, IN	<b>KmH</b> 175.097 0.000 151.566	AMRCA Class 3A 1. Jim Crabb AMRCA Class 3C 1. Jim Crabb 1. Lee Foldenauer AMRCA Class 4 1 Ed Spencer AMRCA Class 9A 1. Ron Hesskamp 2. Dave Ferguson	Kuebler/Ellis  Ellis/Patriot Ellis/Patriot  Railton  MMM/McDonald Witte/McDonald	Eagle Nelson Nelson McCoy 60 Rossi 45 Rossi 46	NT 136.183 NT NT NT *138.032 115.051	00.000 219.166 00.000 00.000 222.141 185.157
Place Name FEMA 3B 1 N. Tucci II 2 B. Siry Electric Class E1 1 B. Siry Sep Place Name	August 26, Se Car/Build  Monza  Monza  R/C Demo	aford, NY Engine MDS MDS	MPH  108.800 NT  94.179  n, IN	<b>KmH</b> 175.097 0.000	AMRCA Class 3A 1. Jim Crabb AMRCA Class 3C 1. Jim Crabb 1. Lee Foldenauer AMRCA Class 4 1 Ed Spencer AMRCA Class 9A 1. Ron Hesskamp 2. Dave Ferguson 3. Lee Foldenauer	Kuebler/Ellis  Ellis/Patriot Ellis/Patriot  Railton  MMM/McDonald Witte/McDonald MMM/McDonald	Eagle Nelson Nelson McCoy 60 Rossi 45 Rossi 46 Rossi 45	NT 136.183 NT NT *138.032 115.051 101.466	00.000 219.166 00.000 00.000 222.141 185.157 163.295
Place Name FEMA 3B 1 N. Tucci II 2 B. Siry Electric Class E1 1 B. Siry Sep Place Name WMCR 10 cc	August 26, Se Car/Build  Monza  Monza  R/C Demo  otember 1 & 2,  Car/Build	aford, NY Engine  MDS  MDS  Anderson Engine	MPH  108.800 NT  94.179  n, IN MPH	<b>KmH</b> 175.097 0.000 151.566 <b>KmH</b>	AMRCA Class 3A 1. Jim Crabb AMRCA Class 3C 1. Jim Crabb 1. Lee Foldenauer AMRCA Class 4 1 Ed Spencer AMRCA Class 9A 1. Ron Hesskamp 2. Dave Ferguson 3. Lee Foldenauer 4. Don Ulrich	Kuebler/Ellis  Ellis/Patriot Ellis/Patriot  Railton  MMM/McDonald Witte/McDonald MMM/McDonald HB 1	Eagle Nelson Nelson McCoy 60 Rossi 45 Rossi 46	NT 136.183 NT NT NT *138.032 115.051	00.000 219.166 00.000 00.000 222.141 185.157
Place Name FEMA 3B 1 N. Tucci II 2 B. Siry Electric Class E1 1 B. Siry  Sep Place Name WMCR 10 cc 1. JPhil McDonald	August 26, Se. Car/Build  Monza  Monza  R/C Demo  otember 1 & 2, Car/Build	aford, NY Engine  MDS MDS  Anderson Engine  Testarossa	MPH  108.800 NT  94.179  n, IN MPH  176.555	<b>KmH</b> 175.097 0.000 151.566 <b>KmH</b> 284.138	AMRCA Class 3A 1. Jim Crabb AMRCA Class 3C 1. Jim Crabb 1. Lee Foldenauer AMRCA Class 4 1 Ed Spencer AMRCA Class 9A 1. Ron Hesskamp 2. Dave Ferguson 3. Lee Foldenauer 4. Don Ulrich * Record applied for	Kuebler/Ellis  Ellis/Patriot Ellis/Patriot  Railton  MMM/McDonald Witte/McDonald MMM/McDonald HB 1	Eagle Nelson Nelson McCoy 60 Rossi 45 Rossi 46 Rossi 45	NT 136.183 NT NT *138.032 115.051 101.466	00.000 219.166 00.000 00.000 222.141 185.157 163.295
Place Name FEMA 3B 1 N. Tucci II 2 B. Siry Electric Class E1 1 B. Siry  Sep Place Name WMCR 10 cc 1. JPhil McDonald 2. Bob Oge	August 26, Se Car/Build  Monza  Monza  R/C Demo  otember 1 & 2,  Car/Build	aford, NY Engine  MDS  MDS  Anderson Engine	MPH  108.800 NT  94.179  n, IN MPH  176.555	<b>KmH</b> 175.097 0.000 151.566 <b>KmH</b>	AMRCA Class 3A 1. Jim Crabb AMRCA Class 3C 1. Jim Crabb 1. Lee Foldenauer AMRCA Class 4 1 Ed Spencer AMRCA Class 9A 1. Ron Hesskamp 2. Dave Ferguson 3. Lee Foldenauer 4. Don Ulrich * Record applied for AMRCA Class 10	Kuebler/Ellis  Ellis/Patriot Ellis/Patriot  Railton  MMM/McDonald Witte/McDonald MMM/McDonald HB 1  or.	Eagle Nelson Nelson McCoy 60 Rossi 45 * Rossi 46 Rossi 45 Rossi 45	NT 136.183 NT NT NT *138.032 115.051 101.466 NT	00.000 219.166 00.000 00.000 222.141 185.157 163.295 00.000
Place Name FEMA 3B 1 N. Tucci II 2 B. Siry Electric Class E1 1 B. Siry  Sep Place Name WMCR 10 cc 1. JPhil McDonald 2. Bob Oge AMRCA Class 3A	August 26, Se Car/Build  Monza Monza R/C Demo  stember 1 & 2, Car/Build  M2 Democh	aford, NY Engine  MDS MDS  Anderson Engine  Testarossa Picco EXR	MPH  108.800 NT  94.179  n, IN MPH  176.555	<i>KmH</i> 175.097 0.000  151.566 <i>KmH</i> 284.138 00.000	AMRCA Class 3A 1. Jim Crabb AMRCA Class 3C 1. Jim Crabb 1. Lee Foldenauer AMRCA Class 4 1 Ed Spencer AMRCA Class 9A 1. Ron Hesskamp 2. Dave Ferguson 3. Lee Foldenauer 4. Don Ulrich * Record applied for AMRCA Class 10 A 1, Lee Foldenauer	Kuebler/Ellis  Ellis/Patriot Ellis/Patriot  Railton  MMM/McDonald Witte/McDonald MMM/McDonald HB 1  or.  K & G Arrow	Eagle Nelson Nelson McCoy 60 Rossi 45 Rossi 46 Rossi 45	NT 136.183 NT NT *138.032 115.051 101.466	00.000 219.166 00.000 00.000 222.141 185.157 163.295
Place Name FEMA 3B 1 N. Tucci II 2 B. Siry Electric Class E1 1 B. Siry  Sep Place Name WMCR 10 cc 1. JPhil McDonald 2. Bob Oge AMRCA Class 3A 1. Walt Wilson	August 26, Se. Car/Build  Monza  Monza  R/C Demo  otember 1 & 2, Car/Build	aford, NY Engine  MDS MDS  Anderson Engine  Testarossa Picco EXR	MPH  108.800 NT  94.179  n, IN MPH  176.555	<b>KmH</b> 175.097 0.000 151.566 <b>KmH</b> 284.138	AMRCA Class 3A 1. Jim Crabb AMRCA Class 3C 1. Jim Crabb 1. Lee Foldenauer AMRCA Class 4 1 Ed Spencer AMRCA Class 9A 1. Ron Hesskamp 2. Dave Ferguson 3. Lee Foldenauer 4. Don Ulrich * Record applied for AMRCA Class 10A 1, Lee Foldenauer AMRCA Class 10A	Kuebler/Ellis  Ellis/Patriot Ellis/Patriot  Railton  MMM/McDonald Witte/McDonald MMM/McDonald HB 1  or.  K & G Arrow	Eagle Nelson Nelson McCoy 60 Rossi 45 Rossi 46 Rossi 45 Rossi 45 Jett 46	NT 136.183 NT NT *138.032 115.051 101.466 NT 132.629	00.000 219.166 00.000 00.000 222.141 185.157 163.295 00.000
Place Name FEMA 3B 1 N. Tucci II 2 B. Siry Electric Class E1 1 B. Siry  Sep Place Name WMCR 10 cc 1. JPhil McDonald 2. Bob Oge AMRCA Class 3A 1. Walt Wilson AMRCA Class 4	August 26, Se Car/Build  Monza Monza R/C Demo  tember 1 & 2, Car/Build  M2 Democh  Kuebler/Ellis Red	aford, NY Engine  MDS MDS  Anderson Engine  Testarossa Picco EXR  Eagle	MPH  108.800 NT  94.179  n, IN MPH  176.555 NT  158.433	<i>KmH</i> 175.097 0.000  151.566 <i>KmH</i> 284.138 00.000  254.973	AMRCA Class 3A  1. Jim Crabb  AMRCA Class 3C  1. Jim Crabb  1. Lee Foldenauer  AMRCA Class 4  1 Ed Spencer  AMRCA Class 9A  1. Ron Hesskamp  2. Dave Ferguson  3. Lee Foldenauer  4. Don Ulrich  * Record applied for AMRCA Class 10 A  1, Lee Foldenauer  AMRCA Class 10 A  1. Ron Hesskamp  1. Ron Hesskamp	Kuebler/Ellis  Ellis/Patriot Ellis/Patriot  Railton  MMM/McDonald Witte/McDonald MMM/McDonald HB 1  or.  K & G Arrow  Ellis	Eagle Nelson Nelson McCoy 60 Rossi 45 Rossi 46 Rossi 45 Rossi 45 Nelson	NT 136.183 NT NT *138.032 115.051 101.466 NT 132.629 132.262	00.000 219.166 00.000 00.000 222.141 185.157 163.295 00.000 213.445 212.856
Place Name FEMA 3B 1 N. Tucci II 2 B. Siry Electric Class E1 1 B. Siry  Sep Place Name WMCR 10 cc 1. JPhil McDonald 2. Bob Oge AMRCA Class 3A 1. Walt Wilson AMRCA Class 4 1. Walt Wilson	August 26, Se Car/Build  Monza Monza R/C Demo  otember 1 & 2, Car/Build  M2 Democh  Kuebler/Ellis Red  Railton	aford, NY Engine  MDS MDS  Anderson Engine  Testarossa Picco EXR Eagle  McCoy	MPH  108.800 NT  94.179  n, IN MPH  176.555 NT  158.433  116.119	KmH  175.097 0.000  151.566  KmH  284.138 00.000  254.973 186.875	AMRCA Class 3A  1. Jim Crabb  AMRCA Class 3C  1. Jim Crabb  1. Lee Foldenauer  AMRCA Class 4  1 Ed Spencer  AMRCA Class 9A  1. Ron Hesskamp  2. Dave Ferguson  3. Lee Foldenauer  4. Don Ulrich  * Record applied for  AMRCA Class 10A  1, Lee Foldenauer  AMRCA Class 10B  1. Ron Hesskamp  2. Lowell Shirey	Kuebler/Ellis  Ellis/Patriot Ellis/Patriot  Railton  MMM/McDonald Witte/McDonald MMM/McDonald HB 1  or.  K & G Arrow	Eagle Nelson Nelson McCoy 60 Rossi 45 Rossi 46 Rossi 45 Rossi 45 Jett 46	NT 136.183 NT NT *138.032 115.051 101.466 NT 132.629	00.000 219.166 00.000 00.000 222.141 185.157 163.295 00.000
Place Name FEMA 3B 1 N. Tucci II 2 B. Siry Electric Class E1 1 B. Siry  Sep Place Name WMCR 10 cc 1. JPhil McDonald 2. Bob Oge AMRCA Class 3A 1. Walt Wilson AMRCA Class 4 1. Walt Wilson 2. Ed Spencer	August 26, Se Car/Build  Monza Monza R/C Demo  tember 1 & 2, Car/Build  M2 Democh  Kuebler/Ellis Red	aford, NY Engine  MDS MDS  Anderson Engine  Testarossa Picco EXR Eagle	MPH  108.800 NT  94.179  n, IN MPH  176.555 NT  158.433	<i>KmH</i> 175.097 0.000  151.566 <i>KmH</i> 284.138 00.000  254.973	AMRCA Class 3A  1. Jim Crabb  AMRCA Class 3C  1. Jim Crabb  1. Lee Foldenauer  AMRCA Class 4  1 Ed Spencer  AMRCA Class 9A  1. Ron Hesskamp  2. Dave Ferguson  3. Lee Foldenauer  4. Don Ulrich  * Record applied for  AMRCA Class 10A  1, Lee Foldenauer  AMRCA Class 10B  1. Ron Hesskamp  2. Lowell Shirey  WMCR 10 cc	Kuebler/Ellis  Ellis/Patriot Ellis/Patriot  Railton  MMM/McDonald Witte/McDonald HB 1  or.  K & G Arrow  Ellis K & G Hot Rod	Eagle Nelson Nelson McCoy 60 Rossi 45 Rossi 46 Rossi 45 Rossi 45 Velson Jett 56	NT 136.183 NT NT NT *138.032 115.051 101.466 NT 132.629 132.262 NT	00.000 219.166 00.000 00.000 222.141 185.157 163.295 00.000 213.445 212.856 00.000
Place Name FEMA 3B 1 N. Tucci II 2 B. Siry Electric Class E1 1 B. Siry  Sep Place Name WMCR 10 cc 1. JPhil McDonald 2. Bob Oge AMRCA Class 3A 1. Walt Wilson AMRCA Class 4 1. Walt Wilson 2. Ed Spencer AMRCA Class 9A	August 26, Se. Car/Build  Monza  Monza  R/C Demo  otember 1 & 2, Car/Build  M2 Democh  Kuebler/Ellis Red  Railton Railton	Anderson Engine  Anderson Engine  Testarossa Picco EXR Eagle  McCoy McCoy	MPH  108.800 NT  94.179  n, IN MPH  176.555 NT  158.433  116.119 105.193	<i>KmH</i> 175.097 0.000  151.566 <i>KmH</i> 284.138 00.000  254.973  186.875 169.291	AMRCA Class 3A  1. Jim Crabb  AMRCA Class 3C  1. Jim Crabb  1. Lee Foldenauer  AMRCA Class 4  1 Ed Spencer  AMRCA Class 9A  1. Ron Hesskamp  2. Dave Ferguson  3. Lee Foldenauer  4. Don Ulrich  * Record applied for  AMRCA Class 10 A  1, Lee Foldenauer  AMRCA Class 10 A  1, Lee Foldenauer  AMRCA Class 10 A  1. Ron Hesskamp  2. Lowell Shirey  WMCR 10 cc  1. Phil McDonald	Kuebler/Ellis  Ellis/Patriot Ellis/Patriot  Railton  MMM/McDonald Witte/McDonald HB 1  or.  K & G Arrow  Ellis K & G Hot Rod  M2	Eagle Nelson Nelson McCoy 60 Rossi 45 * Rossi 46 Rossi 45 Rossi 45 Rossi 45 Testarossa	NT 136.183 NT NT NT *138.032 115.051 101.466 NT 132.629 132.262 NT NT	00.000 219.166 00.000 00.000 222.141 185.157 163.295 00.000 213.445 212.856 00.000 00.000
Place Name FEMA 3B  1 N. Tucci II  2 B. Siry Electric Class E1  1 B. Siry  Sep Place Name WMCR 10 cc  1. JPhil McDonald  2. Bob Oge AMRCA Class 3A  1. Walt Wilson AMRCA Class 4  1. Walt Wilson  2. Ed Spencer AMRCA Class 9A  1. Dave Ferguson	August 26, Se. Car/Build  Monza  Monza  R/C Demo  tember 1 & 2, Car/Build  M2 Democh  Kuebler/Ellis Red  Railton Railton  Witte/McDonald	Anderson Engine  Anderson Engine  Testarossa Picco EXR Eagle McCoy McCoy Rossi 46	MPH  108.800 NT  94.179  n, IN MPH  176.555 NT  158.433  116.119 105.193  112.629	KmH  175.097 0.000  151.566  KmH  284.138 00.000  254.973  186.875 169.291  181.259	AMRCA Class 3A  1. Jim Crabb  AMRCA Class 3C  1. Jim Crabb  1. Lee Foldenauer  AMRCA Class 4  1 Ed Spencer  AMRCA Class 9A  1. Ron Hesskamp  2. Dave Ferguson  3. Lee Foldenauer  4. Don Ulrich  * Record applied for  AMRCA Class 10A  1, Lee Foldenauer  AMRCA Class 10B  1. Ron Hesskamp  2. Lowell Shirey  WMCR 10 cc	Kuebler/Ellis  Ellis/Patriot Ellis/Patriot  Railton  MMM/McDonald Witte/McDonald HB 1  Or.  K & G Arrow  Ellis K & G Hot Rod  M2 FTL	Eagle Nelson Nelson McCoy 60 Rossi 45 Rossi 46 Rossi 45 Rossi 45 Velson Jett 56	NT 136.183 NT NT NT *138.032 115.051 101.466 NT 132.629 132.262 NT	00.000 219.166 00.000 00.000 222.141 185.157 163.295 00.000 213.445 212.856 00.000
Place Name FEMA 3B 1 N. Tucci II 2 B. Siry Electric Class E1 1 B. Siry  Sep Place Name WMCR 10 cc 1. JPhil McDonald 2. Bob Oge AMRCA Class 3A 1. Walt Wilson AMRCA Class 4 1. Walt Wilson 2. Ed Spencer AMRCA Class 9A 1. Dave Ferguson 2. Don Ulrich	August 26, Se. Car/Build  Monza  Monza  R/C Demo  tember 1 & 2, Car/Build  M2 Democh  Kuebler/Ellis Red  Railton Railton  Witte/McDonald HB1	Anderson Engine  Testarossa Picco EXR  Eagle  McCoy McCoy  Rossi 46 Rossi 45	MPH  108.800 NT  94.179  n, IN MPH  176.555 NT  158.433  116.119 105.193  112.629 73.788	<i>KmH</i> 175.097 0.000  151.566 <i>KmH</i> 284.138 00.000  254.973  186.875 169.291  181.259 118.751	AMRCA Class 3A  1. Jim Crabb  AMRCA Class 3C  1. Jim Crabb  1. Lee Foldenauer  AMRCA Class 4  1 Ed Spencer  AMRCA Class 9A  1. Ron Hesskamp  2. Dave Ferguson  3. Lee Foldenauer  4. Don Ulrich  * Record applied for  AMRCA Class 10 A  1, Lee Foldenauer  AMRCA Class 10 A  1, Lee Foldenauer  AMRCA Class 10 A  1. Ron Hesskamp  2. Lowell Shirey  WMCR 10 cc  1. Phil McDonald	Kuebler/Ellis  Ellis/Patriot Ellis/Patriot  Railton  MMM/McDonald Witte/McDonald HB 1  or.  K & G Arrow  Ellis K & G Hot Rod  M2	Eagle Nelson Nelson McCoy 60 Rossi 45 * Rossi 46 Rossi 45 Rossi 45 Rossi 45 Testarossa	NT 136.183 NT NT NT *138.032 115.051 101.466 NT 132.629 132.262 NT NT NT	00.000 219.166 00.000 00.000 222.141 185.157 163.295 00.000 213.445 212.856 00.000 00.000
Place Name FEMA 3B 1 N. Tucci II 2 B. Siry Electric Class E1 1 B. Siry  Sep Place Name WMCR 10 cc 1. JPhil McDonald 2. Bob Oge AMRCA Class 3A 1. Walt Wilson AMRCA Class 4 1. Walt Wilson 2. Ed Spencer AMRCA Class 9A 1. Dave Ferguson 2. Don Ulrich 3. Ron Hesskamp	August 26, Se. Car/Build  Monza  Monza  R/C Demo  tember 1 & 2, Car/Build  M2 Democh  Kuebler/Ellis Red  Railton Railton  Witte/McDonald	Anderson Engine  Testarossa Picco EXR  Eagle  McCoy McCoy  Rossi 46 Rossi 45	MPH  108.800 NT  94.179  n, IN MPH  176.555 NT  158.433  116.119 105.193  112.629	KmH  175.097 0.000  151.566  KmH  284.138 00.000  254.973  186.875 169.291  181.259	AMRCA Class 3A  1. Jim Crabb  AMRCA Class 3C  1. Jim Crabb  1. Lee Foldenauer  AMRCA Class 4  1 Ed Spencer  AMRCA Class 9A  1. Ron Hesskamp  2. Dave Ferguson  3. Lee Foldenauer  4. Don Ulrich  * Record applied for  AMRCA Class 10A  1, Lee Foldenauer  AMRCA Class 10A  1. Ron Hesskamp  2. Lowell Shirey  WMCR 10 cc  1. Phil McDonald  2. Joe Morris  3. Ron Hesskamp  MMM/McDonald	Kuebler/Ellis  Ellis/Patriot Ellis/Patriot Railton  MMM/McDonald Witte/McDonald HB 1  Or.  K & G Arrow  Ellis K & G Hot Rod  M2 FTL FTL Rossi 45	Eagle Nelson Nelson McCoy 60 Rossi 45 Rossi 46 Rossi 45 Rossi 45 Velson Jett 46 Testarossa Picco	NT 136.183 NT NT NT *138.032 115.051 101.466 NT 132.629 132.262 NT NT NT	00.000 219.166 00.000 00.000 222.141 185.157 163.295 00.000 213.445 212.856 00.000 00.000 00.000
Place Name FEMA 3B 1 N. Tucci II 2 B. Siry Electric Class E1 1 B. Siry  Sep Place Name WMCR 10 cc 1. JPhil McDonald 2. Bob Oge AMRCA Class 3A 1. Walt Wilson AMRCA Class 4 1. Walt Wilson 2. Ed Spencer AMRCA Class 9A 1. Dave Ferguson 2. Don Ulrich 3. Ron Hesskamp AMRCA Class9B	August 26, Se. Car/Build  Monza  Monza  R/C Demo  Atember 1 & 2, Car/Build  M2 Democh  Kuebler/Ellis Red  Railton Railton Railton Witte/McDonald HB1  MMM/ McDonald	Anderson Engine  MDS  MDS  Anderson Engine  Testarossa Picco EXR  Eagle  McCoy McCoy McCoy Rossi 46 Rossi 45 Rossi 45	MPH  108.800 NT  94.179  n, IN MPH  176.555 NT  158.433  116.119 105.193  112.629 73.788 NT	KmH  175.097 0.000  151.566  KmH  284.138 00.000  254.973  186.875 169.291  181.259 118.751 00.000	AMRCA Class 3A  1. Jim Crabb  AMRCA Class 3C  1. Jim Crabb  1. Lee Foldenauer  AMRCA Class 4  1 Ed Spencer  AMRCA Class 9A  1. Ron Hesskamp  2. Dave Ferguson  3. Lee Foldenauer  4. Don Ulrich  * Record applied for  AMRCA Class 10A  1, Lee Foldenauer  AMRCA Class 10A  1. Ron Hesskamp  2. Lowell Shirey  WMCR 10 cc  1. Phil McDonald  2. Joe Morris  3. Ron Hesskamp	Kuebler/Ellis  Ellis/Patriot Ellis/Patriot Railton  MMM/McDonald Witte/McDonald HB 1  Or.  K & G Arrow  Ellis K & G Hot Rod  M2 FTL FTL Rossi 45	Eagle Nelson Nelson McCoy 60 Rossi 45 Rossi 46 Rossi 45 Rossi 45 Velson Jett 46 Testarossa Picco	NT 136.183 NT NT NT *138.032 115.051 101.466 NT 132.629 132.262 NT NT NT	00.000 219.166 00.000 00.000 222.141 185.157 163.295 00.000 213.445 212.856 00.000 00.000 00.000
Place Name FEMA 3B 1 N. Tucci II 2 B. Siry Electric Class E1 1 B. Siry  Sep Place Name WMCR 10 cc 1. JPhil McDonald 2. Bob Oge AMRCA Class 3A 1. Walt Wilson AMRCA Class 4 1. Walt Wilson 2. Ed Spencer AMRCA Class 9A 1. Dave Ferguson 2. Don Ulrich 3. Ron Hesskamp AMRCA Class9B 1. Lowell Shirey	August 26, Se. Car/Build  Monza Monza R/C Demo  Stember 1 & 2, Car/Build  M2 Democh  Kuebler/Ellis Red  Railton Railton Witte/McDonald HB1 MMM/ McDonald K&G Hotrod	Anderson Engine  Testarossa Picco EXR  Eagle  McCoy McCoy  Rossi 46 Rossi 45	MPH  108.800 NT  94.179  n, IN MPH  176.555 NT  158.433  116.119 105.193  112.629 73.788	<i>KmH</i> 175.097 0.000  151.566 <i>KmH</i> 284.138 00.000  254.973  186.875 169.291  181.259 118.751	AMRCA Class 3A  1. Jim Crabb  AMRCA Class 3C  1. Jim Crabb  1. Lee Foldenauer  AMRCA Class 4  1 Ed Spencer  AMRCA Class 9A  1. Ron Hesskamp  2. Dave Ferguson  3. Lee Foldenauer  4. Don Ulrich  * Record applied for  AMRCA Class 10A  1, Lee Foldenauer  AMRCA Class 10A  1. Ron Hesskamp  2. Lowell Shirey  WMCR 10 cc  1. Phil McDonald  2. Joe Morris  3. Ron Hesskamp  MMM/McDonald	Kuebler/Ellis  Ellis/Patriot Ellis/Patriot Railton  MMM/McDonald Witte/McDonald HB 1  Or.  K & G Arrow  Ellis K & G Hot Rod  M2 FTL FTL Rossi 45	Eagle Nelson Nelson McCoy 60 Rossi 45 Rossi 46 Rossi 45 Rossi 45 Velson Jett 46 Testarossa Picco	NT 136.183 NT NT NT *138.032 115.051 101.466 NT 132.629 132.262 NT NT NT	00.000 219.166 00.000 00.000 222.141 185.157 163.295 00.000 213.445 212.856 00.000 00.000 00.000
Place Name FEMA 3B 1 N. Tucci II 2 B. Siry Electric Class E1 1 B. Siry  Sep Place Name WMCR 10 cc 1. JPhil McDonald 2. Bob Oge AMRCA Class 3A 1. Walt Wilson AMRCA Class 4 1. Walt Wilson 2. Ed Spencer AMRCA Class 9A 1. Dave Ferguson 2. Don Ulrich 3. Ron Hesskamp AMRCA Class 9B 1. Lowell Shirey AMRCA Class 10E	August 26, Se. Car/Build  Monza  Monza  R/C Demo  Atember 1 & 2, Car/Build  M2 Democh  Kuebler/Ellis Red  Railton Railton  Witte/McDonald  HB1  MMM/ McDonald  K&G Hotrod	Anderson Engine MDS MDS Anderson Engine Testarossa Picco EXR Eagle McCoy McCoy Rossi 46 Rossi 45 Rossi 45 Jett 56	MPH  108.800 NT  94.179  n, IN MPH  176.555 NT  158.433  116.119 105.193  112.629 73.788 NT  NT	KmH  175.097 0.000  151.566  KmH  284.138 00.000  254.973  186.875 169.291  181.259 118.751 00.000  00.000	AMRCA Class 3A  1. Jim Crabb  AMRCA Class 3C  1. Jim Crabb  1. Lee Foldenauer  AMRCA Class 4  1 Ed Spencer  AMRCA Class 9A  1. Ron Hesskamp  2. Dave Ferguson  3. Lee Foldenauer  4. Don Ulrich  * Record applied for  AMRCA Class 10A  1, Lee Foldenauer  AMRCA Class 10B  1. Ron Hesskamp  2. Lowell Shirey  WMCR 10 cc  1. Phil McDonald  2. Joe Morris  3. Ron Hesskamp  MMM/McDonald  Electric EDF Class	Kuebler/Ellis  Ellis/Patriot Ellis/Patriot Railton  MMM/McDonald Witte/McDonald HB 1 or.  K & G Arrow B Ellis K & G Hot Rod  M2 FTL FTL Rossi 45 E-11	Eagle Nelson Nelson McCoy 60 Rossi 45 Rossi 46 Rossi 45 Rossi 45 Velson Jett 46 Nelson Jett 56 Testarossa Picco Picco EXR	NT 136.183 NT NT NT *138.032 115.051 101.466 NT 132.629 132.262 NT NT NT NT	00.000 219.166 00.000 00.000 222.141 185.157 163.295 00.000 213.445 212.856 00.000 00.000 00.000 00.000
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### **CLASS 3A TETHER CAR**



PAN	Meets current class 3A specifications Fully CNC machined from 7075 billet aluminum
GEARBOX	Split gearbox Rear axle & gear hub all one piece (no tapered pin required Rear axle heat treated & ground for accuracy Pinion shaft - double bearing Replaceable dog bone on drive shaft Dennelear harden gears Spiral cut gears - 15/24 - 1.600: 1 ratio
FUEL SHUT OFF	Positive shutoff Adjustable spring tension
FRONT SUSPENSION	Pivots on bearings Oil shock with adjustable rebound Multiple springs available for various track conditions Over .400 inches of shock travel
FUEL TANK	135cc capacity CNC machined Mounts are machined into the tank
BODY	Fiberglass standard or optional carbon fiber construction Precision fit to pan Two body types - Sprint standard or options Aero Wind tunnel developed for max aero dynamic benefits
WHEELS	5° taper USA Made

All components are CNC machined from high quality aircraft aluminum



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