

CONTROL LINE COMPETITION NEWSLETTER

RACING • SPEED • COMBAT • STUNT • CARRIER

FEBRUARY 2016
USA \$9.00



THE JOHN ROSS SPECIAL ENTERED BY AL FERRARO AT THE 2015 BRODAK FLY-IN.

IN THIS ISSUE: MORE PERKY PICTURES, CONTEST RESULTS, AND FOX 35 SPEED!

NEIL SIMPSON DOCUMENTS COMBAT'S FIRST TWENTY YEARS.

PARTNER PRODUCTIONS LIST OF SPEED PLANE PLANS.

BIG BIRD'S DEBUT: THINK SR-71 ON 70 FOOT LINES!

2016 Whittier Narrows Speed & Racing Contest Calendar

Whittier Narrows Park, South El Monte, CA 34.042737 – 118.070392

PRELIMINARY SCHEDULE

<u>April 9-10</u>	Bill Nusz Speed & Herb Stockton Racing Memorial
<u>June 4-5</u>	Bill & Bev Wisniewski Speed & Racing Memorial
	Picnic in the Park Hotdogs and all the fixing's provided.
<u>September 10-11</u>	Wayne Trivin Speed & Racing Memorial
<u>October 22-23</u>	Virgil Wilbur Speed & Racing Memorial
<u>December 3-4</u>	Toys For Tots

Speed events include: Electric, 301-310 & 606-607, Perky, NASS Sport Jet, C-Speed

Racing events include: S.C.A.R. Goodyear, NCLRA Clown (60 foot lines), Mouse Race, NCLRA Quickie Rat, and Super Slow Rat/Fox Race

Speed flown both days. Racing flown **Sunday only** except for the Virgil Wilbur Memorial.

Whittier Narrows Park now charges \$6.00 per weekend day entry fee! You can buy an annual pass from the bureaucrats at the Park Headquarters (weekdays only) for \$25.00 if you are a member of one of the local clubs. All events are AMA sanctioned. Membership is available on site. All pitmen must wear protective headgear while racing or during practice. Before you set out on a cross-country trek, verify the event date and location have not changed.

Speed contacts:	Howard Doering	(714) 638-4937 Cell (714) 394-5304
	Joe Brownlee	(714) 895-1857 Cell (714) 393-1940

Racing contacts:	Ron Duly	(818) 843-1748
	Don Burke	(714) 329-1457

Combat & Carrier events to be added to the calendar once Park permits are obtained.

Link to kill time: <http://www.flightradar24.com/SKW6211>

New Link: Jo Halman is the Co-ordinator for F2 World Cup events, get details at:

<http://www.fai.org/world-cups/f2-control-line>

Link to Club Tamaran: Combat oriented but many useful items for Racing and Speed

<http://www.clubtamaran.com/combate.htm>

Link to Weather Underground: <http://www.wunderground.com/>

Link to McMaster-Carr: <http://www.mcmaster.com/>

Link to Delphi Speed Forum: <http://forums.delphiforums.com/flyfast/messages>

Link to Stunt Hangar: <http://stunthanger.com/smf/rat-racing-and-team-racing/?PHPSESSID=31ecadcb9fcddb8aeb74412b476767d6>

HOBBY SUPPLIERS

Partner Productions: Current & Vintage Speed Plane plans. Box 205 Maple Ridge, BC V2X – 7G1 Canada 604-612-4060 cpartner@shaw.ca Chris Sackett

Eichenberger Products: Carbon Fibre and Composite Epoxy/Glass props for Speed and Racing. Carbon tops for 21-40's and more. Steve Eichenberger 480-730-0016 seichenberger@cox.net

Old Magazine Plans On CD: e-mail Tom Wilk at: tawilk636@live.com

If he doesn't have it, you probably don't need it.

Eliminator Props: <http://eliminatorprops.com/store/>



Mike's Racing Products: See June 2012 newsletter

<http://Mike1North.wix.com/mikes-racing>



OPS Engines America: Bill Hughes williamhughes4@att.net

Engines/Parts Prices start at around \$150.

Paul Smit: (filler valves, wheels, etc. see May 2012 newsletter)

2482@nokwi.co.za

Marc Warwashana: Don's wheels, fastfills, etc. whellieman@gmail.com

Andrew Nugent: Andrew.n5@bigpond.com

(The May 2013 SCAR Newsletter has an article on Andrew's services or just e-mail him).

Brodak Manufacturing: <http://www.brodak.com>

Goodyear Plans: Doug Mayer: mayer@kmd-arch.com

Fuel Shutoffs: Dale Long: DirtyDshutoffs@dslextreme.com Guaranteed to work! USA only.

Adriano Molteni: Ultra high quality flying lines, Nelson style plug, F2d models, props and mounts. adrieanto@gmail.com

The Craftsman: Stunt and Racing Engine Tuning (OS, S.T., Fox, K&B, Cox) Custom Kit Building - Ready to cover. Contact: **Jed Kusik** jedeeflyer@aol.com

Doctor Diesel (Eric Clutton) P.A.W. Diesels: www.cafes.net/doctordiesel
doctordiesel@cafes.net

Streamer Shuttle: <http://streamershuttle.blogspot.com>

Fast Hippy Speed Products: Tanks, torque units, titanium bell cranks, etc.
Marty Higgs ukiespeedman@hotmail.com

Hobbypartz: Cheap source for the ASP S15A which is legal for Sport Goodyear at the 2015 Nationals, now \$43.40. www.hobbypartz.com Bill Bischoff sells a venturi and needle valve assembly for \$10.00 per item plus \$3.00 shipping, billbisch@hotmail.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
zzclspeed@aol.com

Barry Baxter's Vintage Control Line Combat Plans: <http://www.controllineplans.com>

BMJR Models: Freeflight, R/C, Control Line and Accessories. Laser kits.
www.bmjrmmodels.com



MBS Model Supply

P.O. Box 282 Auburn, KS 66402-0282 <http://mbsmodelsupply.com/>

Phone: After 5:00 p.m. Central time or weekends only (785) 256-2583 Cell: (785) 221-7042



Frank Bowman: Custom rings for old to modern engines. Old stock parts for some engines. E-mail for a list: Ringmaster46@msn.com

John Newton Speed Products: Fiber glass shells for B-C-D Speed. Aluminum wing skins. Newtron 21 Sport Speed kit. Props for D-Speed and many other items. Contact John on his cell phone: [909-720-1940](tel:909-720-1940)

Membership For Everyone



National Control Line Racing Association: <http://www.nclra.org/>

Membership information and tons of other neat stuff that even non-members can look at. Membership is \$20 per year with an electronic newsletter (they actually send one out on a regular basis.... unlike some other newsletter). It's \$30 if you want a paper newsletter and live in the USA and \$35 for those living in the hinterlands.



Navy Carrier Society: <http://www.navycarriersociety.org/joinNCS.aspx>



North American Speed Society: <http://clspeed.com/membership> Membership is \$35 for USA and Canadian residents and \$45 international. PayPal OK



MACA Miniature Aircraft Combat Association: <http://www.macasite.org/>



PAMPA Precision Aerobatics Model Pilots Association

<http://www.pampacl.org/> Membership starts at \$35.00.



Combat Flyers Association

<http://combatflyers.co.uk/index.htm> Vintage and F2d Combat in the UK



Academy of Model Aeronautics

<http://www.modelaircraft.org>



World Cup F2ABCD + Support Events May 4-6



Control Line World Championships F2ABCD May 7-13 2016
<http://www.cl-wch2016per.org/> Perth, Australia



Western Australia Championships May 15-17

In addition to the World Championships program the committee has added three more days. At the end of the World championships there will be a lay day and then: Sunday May 15 F2F on the hard circle and Vintage Combat (Australian Rules) on the grass circle. Monday May 16 Classic FAI on the hard circle and 27 Goodyear on grass. Tuesday May 17 Combined Speed on the hard circle. This is a separate competition and not part of the World Championships or World Cup.



Flying Lines is the best website in the control line world and ACLN is the best newsletter. Electronic version available, contact: Harry Bailey
hgbailey@optusnet.com.au It's 15 Australian dollars or approximately \$11.00 U.S.
 You might be able to arrange payment through PayPal.



Control Line Racing will take place July 18-21.

Monday	F2C Team Race and Quickie Rat
Tuesday	Mouse I and NCLRA Clown Race
Wednesday	AMA Goodyear and Sport Goodyear
Thursday	AMA Slow Rat and Super Slow Rat

AMA Rat Race, B/Team Race, and Mouse II are not scheduled as of this printing.
Anyone interested in running an event is urged to contact NCLRA President Melvin Schuette
at: mbschuette@cox.net



Important message from Bill Lee.

If you are planning on attending the F2 World Champs in Perth as a U.S. team supporter, I need to hear from you REAL SOON. The Final Entry must be sent to the organizers within a couple of weeks. Please visit the team website at <http://www.2016CLWC.org> and look at the supporter list. If you are not on it and you want to be, follow the "Want to be a supporter?" link, fill out and submit the form that is there. I will add you to the list when I get the form information from you. Please don't hesitate since the cut-off for this will be in about 10 days.

Regards,

Bill Lee

F2 Team Manager

SPEED MODEL PLANS by... Partner Productions

(all drawings are FULL SIZE - prices reflect size, quality & amount of detail)

1/2 A SPEED

PEANUT - 1959 Nats Winner for Cox Thermal Hopper, 9" Span, 13 1/4 sq. in.	\$5.00
PEANUT MK II - Kurths 1961 Nats winner for Tee Dee .049.....	\$5.00
PINK LADY - A scaled down version of Bills 1966 A-FAI job, 14 1/2" span, 22.5 sq.....	\$6.00
MINI DYNAMITE - Partner design ,Canadian record holder 15 3/4" span, 24.5 sq.,.....	\$8.00
WHITE KNIGHT - Neat A/2 for CS engine by Howard Doering, 16" span, 25 sq.....	\$9.00

A SPEED

PINK LADY - Bills' famous 1966 W/C model for A/FAI, 24" span, 52.5 sq.	\$9.00
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B SPEED

PINK LADY - Bills famous Nats winner and record holder, 28 1/2" span, 69 sq.....	\$9.00
KANSAS TWISTER - nice elliptical design by Bill Kirn, 23" span, 46 sq.....	\$6.00

D SPEED

PINK LADY - The Big Block version, Nats winner,record holder, 30" span, 84 sq.....	\$10.00
HOLY SMOKE - Partner asymmetric design to FAI specs, 37" span, 118 sq.....	\$8.00

JET SPEED

KEY NOTE - Partners Nats champ and Canadian record holder 22" span	\$9.00
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FAI SPEED

WILDFIRE MK 1 - Original Partner F2A ship as published in M/A 1/87, 37" span.....	\$10.00
WILDFIRE MK V - Best Partner design, Nats winner & Record holder ,detailed.....	\$10.00
THE 038 - Davy Boy Smith F2A, semi symmetrical stab, Irvine 15.....	\$10.00
APT II - Schuette/Spahr inboard sidewinder F2A design, 2nd in W/C & record holder.....	\$8.00

PROTO SPEED (B & 21)

MAGIC MILER - Lightweight 21 Proto by Partner, 31 1/2" span, inverted engine.....	\$10.00
BLONDIE - Partners record holder, 32" elliptical wing, clean design, inv. Engine.....	\$8.00
FAST MILER - Ed Rankins 1958 B Proto, can be modified for 21 engines.....	\$8.00
AQUARIUS - Slick, record holding B Proto by Bartley & Garner.....	\$8.00
EMANON - Lightweight Nats winning Proto by Tom Lauerman.....	\$8.00

FORMULA 40

PINK LADY - Bills Nats winning, inverted engine design, 25" span, 75 sq, 23" long.....	\$9.00
THE MOVE - Solid flying design by Mike Hazel, 24" span, 96 sq.....	\$7.00

21 SPORT

LIL' DYNAMITE - Solid design by Partner, Nats champ & record holder, 22"span.....\$8.00

1/2A PROFILE

LITTLE TIGRE - Nats champ & record holder by Dave Hull, w/const. article.....\$10.00

NORTHWEST B- PROTO

BLONDIE - The N/W B-Profile version of Partners' beautiful full bodied ship..... \$5.00

SMOKEY JOE - Modern B-Profile, clean design, easy build, fully detailed plan.....\$5.00

DOLLY PLANS

MOUSE TRAP - Traditional design by Bob Lauderdale, universal usage..... \$4.00

STAB LOCK - Bill Wisniewski design for all speed classes, clean release..... \$6.00

ASYMMETRIC WING LOCK- Reverse mouse trap design by Partner (F2A).....\$8.00

VINTAGE SPEED MODEL PLANS

Old time speed models of pre 1955 era

- * **QUARTER WHAMMY** - 1949 Clem/Stanglin .19 powered, 12" span..... \$7.00
- * **1/2 A HELL RAZOR** - early 50s vintage 1/2 A speedster..... \$5.00
- * **WHIRLAWAY 'C'** - Don Newbergers' 1948 classic for 49 engine, Alum wings.....\$7.00
- * **MINI WHIRLAWAY** - 1954 Berkeley kit plan for A/2 engines, 8 1/4" span.....\$7.00
- * **NIPPER** - Gadget Gibbs 1956 World Champ model for 2.5cc engines..... \$6.00
- * **SPEED KING** - Amato Pratis' 1954 Italian champion for 2.5cc power..... \$7.00
- * **MAGNA MODELS** - All magnesium models dwg for the A, B & C versions.....\$4.00

*PLEASE ALLOW FOR POSTAGE, examples : 1-2 plans...\$4, 3-5 plans...\$6,
6-8 plans...\$9, 9-12 plans...\$12. For overseas and large amounts call.....

PARTNER PRODUCTIONS , Box 205, Maple Ridge BC V2X-7G1, Canada

Phone: 604-612-4060

E-mail : cpartner@shaw.ca

Examples of models built (or being built) from Partner Production plans.



Full size
"Scrapper"
parts are
on Hobby
Helpers!
Plan # 860

James Cowart's Champion "SCRAPPER"

NATIONAL SENIOR COMBAT WINNER

■ Texan James Cowart's winning combat U-control at the 1959 Los Alamitos Nats is an outstanding example of good fighter design. Under that covering material are some mighty important structural features, making it one of the toughest contenders ever to slug it out in the combat ring. With a K&B Torp .35 mill up front, "Scrapper" is fast—fast—fast. When it comes to tight loops, let's just say it can turn on a dime.

Combat's a chancy game; it makes a man watchful and sometimes (when only a heap of scrap balsa is left out there on the end of the line), a trifle lonely! But not with this design, claims Jim, since it has the ability to absorb punishment. Engine mounts begin to vibrate on too-flimsy models after just a few flying sessions. Well, you won't experience this with your "Scrapper."

Plenty of these ships have been built in the designer's Dallas area; they have won most contests entered—several are still going strong after a couple of combat seasons. As shown by the post-Nats photos, the winning model finished the annual flying fiesta in fine shape.

Heart of this 36" span model is a $\frac{1}{2}$ " thick piece of maple, which serves as a

American Modeler — August 1960

Plans are available for various Vintage Combat models, see Hobby Suppliers section.

The First Twenty Years by Neil Simpson

I have a noble ambition, something that needs doing. I want to chronicle the history of control line combat. What were the grass roots of the event? Who were the NATS winners in those early years when there was just one event? What airplanes were they flying? What do we know about the successful pilots that flew in the golden years of our event? There were men like Wooten, Berryman, Scarinzi, Netzeband, Rush, and countless more.

I thought I could consult old magazines and with the help of Bob Mears, Barry Baxter and others who have researched this subject the task could be accomplished, perhaps not easily, but with reasonable effort a comprehensive document could be composed. I was naive. The national magazines seem to have had very little or no NATS coverage of our event and when it is mentioned details as to who won and what they were flying are usually missing.

I had wished to start with how and when combat got started. My older brother Glenn, who as a Junior, won trips to the Plymouth Inter-Nats in 1949, 1951 and 1952 had some wonderful documentation of those events. In those years Plymouth contributed tremendously to the growth of model aviation and the Plymouth Inter-Nats were somewhat comparable to the AMA NATS both in scope and importance. Those events may well have a chapter of their own in the document I hope to compose. That documentation showed combat being flown as a demonstration in 1950 and an additional event in 1951. Bob Mears has a list of NATS winners, information he secured from the AMA and is available on the MACA website, which has combat being flown as an official event at the NATS in 1952. I want to chronicle the first twenty years 1950 through 1970 before that information becomes even more difficult to obtain. Below you will find a list of the open winners 1952 through 1970.

<u>Year</u>	<u>Open Winner</u>	<u>Nat's Location</u>	<u>Airplane</u>	<u>Engine</u>
1952	Davis Mallory/San Bruno, CA	Los Alamitos, CA	Testors Sophomore	Torpedo 32
1953	William Andrews	Willow Grove, PA		
1954	Frank Adams	Glenview, IL		
1955	Donald Smith/San Bernardino, CA	Los Alamitos, CA	Half Fast	Fox 35
1956	Riley Wooten	Dallas, TX	Quicker	Torpedo 35
1957	Joseph Kastetter/Clifton, NJ	Willow Grove, PA	Own design	Fox 35
1958	William Arrowsmith/Rochester, NY	Glenview, IL	T-Square	Johnson 35
1959	Riley Wooten/Lubbock, TX	Los Alamitos, CA	Voodoo, Whatizit	Johnson 35
1960	Bill Carpenter/Winchester, CA	Dallas, TX	Swoop	Johnson 35
1961	James Ribar	Willow Grove, PA		
1962	Riley Wooten/Lubbock, TX	Glenview, IL	Sneeker, Voodoo	Johnson 35CS
1963	Carl Berryman/Altus, OK	Los Alamitos, CA	Big Iron	Johnson 36BB
1964	Robert Lipscomb/Rockford, IL	Dallas, TX	Sneeker	Super Tigre 35

<u>Year</u>	<u>Open Winner</u>	<u>Nat's Location</u>	<u>Airplane</u>	<u>Engine</u>
1965	Larry Fulwider/Crawfordsville, IN	Willow Grove, PA	Voodoo	Super Tigre 35
1966	Riley Wooten/Lubbock, TX	Glenview, IL		
1967	Robert Lipscomb	Los Alamitos, CA		
1968	Riley Wooten/Lubbock, TX	Olathe, KS		
1969	Will Rogers	Willow Grove, PA		
1970	Howard Rush	Glenview, IL		

I want to gather information on the gentleman listed above. I want to record what airplanes they flew, what power plants they used, and who they competed against, etc.

I also want to gather info on all the major players who aren't on this list. People like Scarinzi, Netzeband, Hi Johnson, James Mears and all the others who contributed greatly not just with their flying but with the airplanes they designed.

Most importantly, no one should be excluded. If you flew control line combat between 1950 and 1970 you are part of the story.

With this in mind, I beseech each and every one of you, who flew in those years to contribute a story, photos and or information that can be used in what I hope will be a fairly extensive volume with each of those first twenty years forming a chapter in an on-going collection of information documenting the golden years of our sport. Please attempt to denote the year or approximate year the photos were taken. I will add to each chapter as additional information is received and make the entire work available in PDF format in addition to publishing a chapter at a time in MACA News.

If you mail me photos and you note that you want them back, I promise to take very good care of them and return them in a timely fashion. If you don't want to part with them, "Staples" offers a scanning service where photos can be scanned for fifty cents a page. As an example four 3x5 photos would fit on a page for the aforementioned fifty cents and the resulting .jpeg files could be e-mailed to me or transferred to a disc that could be snail mailed.

Now is not too soon to send the info, the success of this endeavor will depend, in large part, on your response.

Neil Simpson
129 Podunk Road
East Brookfield, MA 01515
Phone: 508-731-9702
e-mail: podunk129@charter.net

The Early Years 1950-52 is available as a PDF: <http://necn2016.homestead.com/> --Ed.



This photo proves beyond a shadow of doubt that Bob Whitney was once a young man.

He poses here with King Orange International Queen Pat Hudson in 1957.

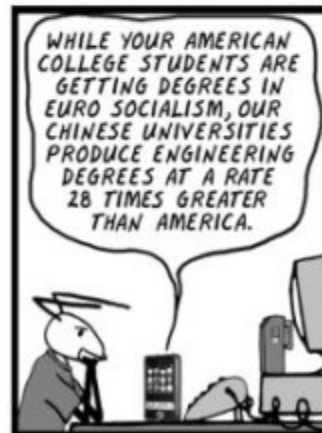
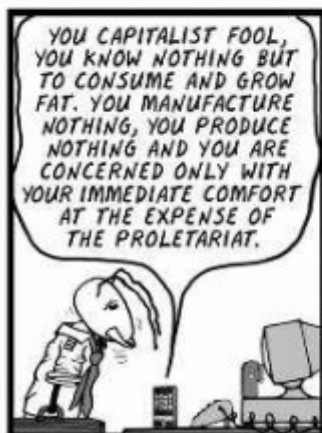
Bob is the current Moderator for the Racing Forum on Stunt Hangar and an expert in every discipline from Stunt to Speed. The link can be found back in the *Links Section*.

After you check out the Racing Forum you might switch over to the Speed Forum. Fox Speed seems to be the latest craze. The Fox 35 stunt engine has found another life in Speed! Just the bushing case needs to be used, anything else is at the option of the tuner. Stage One might be a totally stock engine (if there are any around). Stage Two would be for mildly modified engines with modified timing, stuffer backplate, head, etc. Stage Three, well, anything goes, no doubt someone will try to stuff Nelson 36 internals into the case. The big shootout will occur at the 20th Annual Brodak Fly-In. If you have any mechanical sympathy you shouldn't watch this event.

Site update Jo Halman is the Co-ordinator for F2 World Cup events. Results are available for current and previous years at: <http://www.fai.org/world-cups/f2-control-line>



Here's another view of the John Ross Special. It was destroyed on its first test flight but totally rebuilt in time to finish at the top of the heap in Perky at the The lightweight F2d Fora engine helped keep weight to a minimum which helped acceleration (Perky is timed from a standing start). The combination proved superior to Nova Rossi powered models which weighed considerably more.



**Lenny Waltermath Speed & Dennis Schauer Racing Memorial
Whittier Narrows, California February 6-7 2016 Reported by Howard Doering**

We had an extremely low turnout for a very warm and dry summer-like weekend. There were tether cars, control line racing, and our speed birds. Young lady pilot Daviny would have had an official if the screws holding the tank to the engine had stayed tight. It stopped at six laps. Still learning at age four is Aiden Schultzman who completed a lap for his attempt in 1/2A Profile Proto. The big shootout was in NASS Sport Jet. First and second swapped places several times with John Newton coming out on top by 0.50mph. The difference between third and fourth was only 0.18mph.

1/2A Profile Proto

Howard Doering	85.29mph	ZingMaster, CS left hand
Daviny Martin (age 6)	Attempt	Cox reedvalve
Aiden Schultzman (age 4)	Attempt	Cox reedvalve

A Speed

NewMath	184.28mph	Newtron Bomb, Profi Jr.
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B Speed

NewMath	161.95mph	Newtron Bomb, .28 car engine
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D Speed

Howard Doering	183.04mph	Newtron Bomb, Nelson
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21 Proto

Howard Doering	122.90mph	Modified Magic Miler, Nova Rossi 2000
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Jet Speed

Joey Mathison	193.47mph	Big Bird!
John Newton	183.97mph	
Dick Hart	179.38mph	
Howard Doering	174.68mph	

NASS Sport Jet

John Newton	149.69mph
Joey Mathison	149.19mph
Howard Doering	144.29mph
Dick Hart	144.11mph

Northwest Sport Jet

John Newton	149.77mph
Joey Mathison	148.34mph
Dick Hart	145.85mph
Howard Doering	140.16mph (three identical flights)
Dane Martin	107.68mph

AMA Mouse Race

	<u>Heat</u>	<u>Heat</u>	<u>Final</u>
Hull/Kusik	3:01.57	3:37.88	5:44.87
Mayer/Johnson	NT	3:23.75	32 laps Two blown plugs

SCAR Goodyear

	<u>100 lap heat</u>	<u>Junior Mouse 50 lap heat</u>
Hull/Mayer	4:47.15	Mason Mayer 32 laps
Mayer/Hull	5:57.40	Tristan Mayer 18 laps
Johnson/Kusik	6:07.63	
Duly/Burke	6:19.43	

Speeding Into The Pylon by Dane Martin

The kids (Daviny and Aiden) and I set out at 5:00a.m. to make the short drive to Whittier Narrows from Las Vegas. We left later than I would like but at least we get to fly airplanes. We processed our airplanes quickly because we were late. Daviny flew first and got in six laps before a loose backplate stopped the engine just shy of getting her first recorded time. Aiden was next but a squirrely plane left him without a time as well.

Next it was my turn and it ended up being a hilarious couple of attempts. I first tried to take off in NWJS in a dolly with my trusty Bolton T-34 Sport Jet. It ended up being a fun Dyna Jet powered tether car! The elevator was seemingly stuck on the exhaust deflector of the dolly. Big brother Joey tried to fly it out of the dolly but same result. We decided to take off from the skids like before and everything will be fine. The next attempt by me turned out to be a spin out....I'm sure Dick Hart is going to stop letting me borrow line sets! The next run was a good one. Joey said I looked good in the pylon, so perhaps I'll get this speed flying technique down one day.

My next endeavor will be Monoline flying. I have all the requisite equipment. We are currently building a 1/2A speed plane. Seems like a cheap and easy Monoline trainer. Power will be a TD 049 on a bladder. It should be ready for the April Bill Nusz Memorial.

Breaking into speed seems difficult for my family because we live in Las Vegas. There is NO area to practice. We have been working diligently on correcting this. As of now we have a pylon anchored in concrete on our grass field. To practice we fly gearless Ringmasters and 1/2A Ringmasters out of the pylon and belly land them on the grass. I feel it is working because the kids aren't crashing.....as much!

Dane Martin
LVCB Safety Officer



Dick Hart (left) and Joey Mathison pose with Big Bird. Dick collaborated with British F2A team member Ken Morrissey in the building of four models. Two use Monoline for AMA Jet Speed and two with conventional two-line (groupers?) to go really fast.

What's the most cost-effective way to go fast in Speed and make lots of noise while you're at it? The answer is Sport Jet, either NASS or Northwest, they just use different length lines. Dyna Jet/OS prices have dropped dramatically on eBay since the introduction of the Chinese Dyna knockoff and China Mart offers spare reeds, jets, and ignitors. Just don't buy those bits from eBay sellers because HobbyKing is a much better deal. Jim Booker sells a very nice sidewinder kit, find a used Dyna at a good price or buy the HobbyKing Redhead, you may be in the air for less than two hundred bucks! You do need to know how to fly two line models and having some expert help, like the guys at Whittier, will move you up the learning curve pronto. What to expect as far as speed? Maybe 130 mph is achievable on your first outing provided you get some help from the experts....and listen to them. Get Joey or some other expert pilot to test fly your model. Going 193mph at one foot altitude is truly impressive! --Ed



35 CLASSIC For C/L Model

	35 Classic
P/No.	EA14010
Bore x Stroke (mm)	20.4 x 17.9
Displacement (cc)	5.85
Weight	239g (without muffler)
Construction	2Ball Bearings. Cross flow Scavenging
Revo. Range (rpm)	7,000 ~ 13,000
Propeller size	D 10 ~ 11 x P6 ~ 4
Muffler (optional)	M252

The Enya 35 Classic Stunt Engine is available from Alberto Parra for around €90, that's about \$98.00 U.S. The muffler is an additional €12. albparra2@gmail.com

A new direction for F2d Combat? Italian Combat flyer Adriano Molteni was at the Dubai World Air Games and noticed that most every match was over in two to two and a half minutes. Streamers cut, models smashed, and many matches ending up in a re-match. He sent out an e-mail worldwide suggesting some improvements that can be tried at the local level. The USA already has implemented some of these changes at local contests and team trials.

The match time will be 2.5 minutes without the engine running at the start signal.

The contest will be run triple elimination. This is especially critical for World Championships where contestants travel long distances and spend enormous amounts of money to potentially only have two matches.

The mechanic will play a big role in the match since he will have to start the engine and have everything in order to maximize air points.

In reading Adriano's e-mail the editor wasn't sure if the intention was to use just one model and have one mechanic. One model would certainly change the strategy and a single mechanic would make it more of a team effort like F2C. The mandatory engine shutoff following the termination of a match could surely be relaxed saving a lot of props and airplanes.

Contact Adriano to get the original full e-mail or to share you ideas with him.
adrieanto@gmail.com

Northwest Fireballs, Western Oregon Control-Line Flyers and Roseburg area CL fliers
present ...

Oregon flying fun!

A quartet of control-line fun-fly events

Everyone invited — No entry fee! 10 a.m.-3 p.m.

If the weather is bad, go to the alternate site listed for "hangar flying" socialization!

Friday, Jan. 1 at East Delta Park, Portland

Pot luck lunch, plus coffee and doughnuts

Bad weather meeting site: Elmer's at Delta Park; cell 503-867-2101

Info: Northwest Fireballs, Richard Entwistle, 503-867-2101, email nwfireball@gmail.com

Saturday, Feb. 6 at Sunshine Park, Roseburg

Bad weather: Elmer's restaurant at I-5 Exit 125; cell 541-537-0061

Info: Dave Shrum, 541-672-8893, dnpsrum@charter.net

Saturday, March 5 at Bill Riegel Model Airpark, Salem

Bad weather: Flight Deck restaurant, 1 block south of the flying field; cell 503-871-1057

Info: WOLF: Mike Hazel, 503-871-1057, zzclspeed@aol.com

Saturday, April 2

This is the traditional date for the fourth fun-fly, but nothing is confirmed at this point. Watch
Flying Lines "Where the Action Is" page for updates.

-
- Bring any and all airplanes ... do any kind of flying! • Every flight is an entry in the "flying raffle." • Flying raffle prizes will be awarded after a drawing
- Come to all four fun-flies and support four great Oregon CL flying groups!**
Academy of Model Aeronautics membership required

Dallas Model Aircraft Association

Presidents' Day Contest

and

Fun Fly

February 13-14, 2016

Dallas Hobby Park, Garland Road & Northwest Highway

Saturday, February 13
9:00 AM start
Old Time Stunt (JSO)
Classic Stunt (JSO)
fun flying all day

Sunday, February 14
10:00AM start
Sportsman Goodyear (JSO) *
fun flying all day

*** Sportsman Goodyear will consist of multiple activities: Speed (8 laps flying start)/ Fastest pit stop-timed for 8 laps with pit stop in the middle/ 80 lap heat race/ 160 lap feature race. Points awarded for each activity based on order of finish. Top 3 point winners will fly a 320 lap "double feature" to determine Grand Champion winner with ultimate bragging rights!**

name: _____ **AMA #** _____

address: _____

city/state/zip: _____

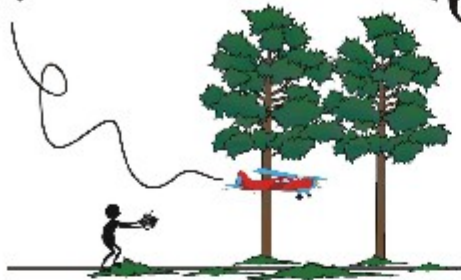
Old Time stunt () Classic Stunt () Sportsman Goodyear ()

Entry fee: first event \$10.00 /other events \$5.00 each total \$ _____

Door prize for all paid contestants

For more information: Bill Bischoff billbisch@hotmail.com or <http://dmaa-1902.org>

AIRSTORMERS



The Hundred Acres
Indiantown, Florida

Spring Tune Up
March 5th and 6th
9201 SW Fox Brown Rd.
Indiantown, FL
Len Bechtold, CD
561/747-5129
Team-38@team-38.com

Control Line Stunt and Scale Events

Saturday, March 5th:

Old Time Stunt, Nostalgia N 30 and
Fun Scale 2000

Sunday, March 6th:

Precision Aerobatics (B,I, A & E) no BOM and
Profile Scale

Photo Plaques to 3 places!

**The site is well groomed, short grass. There is Food Available, a pavilion,
electricity and running water in the rest room.**

Sorry. Lease prohibits overnight camping.

Headquarters hotel: the Historic Seminole Indiantown Inn.561/747-5129

Call Len or Rich Peabody (201) 669-2605 for more details!

Vintage Stunt Championships XXVIII

March 15 – 19, 2016

Flying Site: Christopher Columbus Park, 4800 North Silverbell Rd, Tucson, AZ 85745

Pilots meeting: Daily at 8:00 AM. Official flights start no later than 8:30AM.

Hotel and Banquet: Hotel Tucson City Center, 475 N Granada Ave., Tucson, AZ 85701 Phone: (520) 622-3000

- Free full breakfast buffet @ 8:30AM and free happy hour 5:00 to 8:30 PM
- \$85 + tax 2 queens or one king suite (Must reserve by Feb 23, 2016)
- \$75 + tax 2 bedroom suite, 2 queens or one king + sleeper Sofa in the 2nd room

Classic & Super 70's Appearance Judging - Wed. (Mar 16) starting promptly at 4:30PM at the Hotel Tucson City Center

Ringmaster S-1 Ringmaster required, no BOM, flown on grass. You may enter OTS, IGN OTS, and Ringmaster OTS if you wish.

Exhibition Event – We invite you to fly or exhibit something COOL, interesting or representative of any early era of control line. Exhibition to be held immediately after OTS on Tue & Wed. No pre-entry or fee required. Just show up with a current AMA license and show us something cool.

Entry Deadline: Friday March 4th, 2016. By this date and time we need to have received your entry. John Callentine's mailing address is on the registration form. Registration form is also available for download at www.ccmaonline.org

Our policy is to return your entry fees if you have registered and cannot attend for any reason

Awards Banquet: sign-up is held open until after the start of VSC. If you wish to attend the banquet and have not signed-up, check with John Callentine at the flying site by 8 AM, March 16th. Refunds for the banquet cannot be made after 8 AM, Wed. March 16th

Raffle: Drawing at Appearance judging on Wed – donations welcome and appreciated – Contact Ken Guilford 602-908-2810

REGISTRATION FORM: VSC-XXVIII (28) March 15 – 19, 2016

NAME: _____ **AMA #** _____
STREET: _____ **CITY:** _____ **STATE:** _____ **Zip** _____
EMAIL ADDRESS: _____ **License Plate # and State:** _____
Needed if you would like entry confirmation (Only if staying at flying site overnight)

FOR ANY AND ALL EVENTS: I hereby certify that I have read all information accompanying the entry form, and that the model(s) entered by me will be built by me (if required) and flown in compliance with the current Competition Regulations (both AMA and PAMPA), and will previously have been successfully flight tested and proved to be airworthy in accordance with the Official AMA Safety Code.

Signature: _____

BOM rule, as it applies to VSC is posted on the Cholla Choppers web site

EVENTS ENTERED:

OTS @ \$20.00 _____ (Tues. 15th – Wed. 16th)

IGN OTS @ \$20.00 _____ (Tues. 15th – Wed. 16th)

OTS Ringmaster @ \$20.00 _____ (Tues. 15th – Wed. 16th)

Classic @ \$20.00 _____ (Thru. 17th – Sat. 19th)

Super 70s @ \$20.00 _____ (Thru. 17th – Sat. 19th)

OTS/OTS IGN-current PAMPA rules - BOM not req'd
Ringmaster OTS - no BOM rule & no bonus for self-built models
• Classic & S/70 - no BOM. Zero (0) for appearance if the contestant did not build the airplane

One round each day using all three asphalt circles. Two highest scores of three flights will be added together for the final score & placing

ARF's, ARC's, purchased or borrowed models are allowed in all events, but, models entered in Classic or Super 70s receive a zero (0) for appearance points. No more than two contestants can fly the same plane in the same event. Example: Contestant 'X' and contestant 'Y' can fly the same plane in Classic but no one else. This goes for OTS, OTS Ign, and Ringmaster as well. For details refer to the Cholla Chopper web site; www.ccmaonline.org

Awards Banquet Selections (Sat Night March 19)

Beef Top Sirloin @ \$30.00, Names: _____

Chicken Marsala @ \$30.00, Names: _____

Salmon @ \$30.00, Names: _____

Entry must be received no later than Friday March 4, 2016

Make Checks Payable to John Callentine (Email Johncallentine@gmail.com)

Mail to: John Callentine, 5625 W. Owl Ridge Rd., Tucson, AZ 85745

CD: Jim Hoffman:
2658 W. Montgomery Drive
Chandler, Az. 85224
Home 480-897-0630
Cell: 480-329-3316
Email: windswept4@cox.net

Assistant CD: Leroy Black
25526 W. Rio Vista Lane
Buckeye, AZ 85326
Home: 623-327-8227
Cell: 623-326-4110
Email: Lindyle1@yahoo.com

John Callentine
5625 W. Owl Ridge Rd
Tucson, Az. 85745
Home: 520-743-7835
Cell: 520-631-5420
Email: Johncallentine@gmail.com

CHOLLA CHOPPERS WEB SITE: www.ccmaonline.org

DMAA Spring Warm-up
Gene Hempel Memorial
April 8th, 9th & 10th 2016
Control Line Racing, Speed & Carrier
Site: Samuel H Hobby Park
Northwest Highway & Garland Rd. Dallas, Texas 75218
Class AA AMA Sanction # _____ GPS 32.866867, -96.671400
Pilots Meeting at 9:30 AM Saturday/ Sunday

Friday April 8th Speed Record Ratio starts at 1:00 pm

Saturday 04-09-16

Class I Mouse (JSO)
Goldberg (JSO)
Sport Goodyear (JSO)
Super Slow Rat (JSO)
Texas Quickie Rat (JSO)
Record Ratio Speed (JSO)
NASS Sport Jet (JSO)
NASS Perky Speed (JSO)

Sunday 04-10-16

.15 Profile Carrier (JSO)
*Sportsman/Expert Profile Carrier (JSO)
Class I Carrier (JSO)
Class II Carrier (JSO)
Record Ratio Speed (JSO)
NASS Sport Jet (JSO)
NASS Perky Speed (JSO)

Speed all three days. Racing on Saturday. Helmets required for racing pit crews. *Carrier contestants may enter sportsman or expert but not both. Contestants may fly for a score in any other NCS recognized events. Scores will be Submitted to NCS for top 20 rankings. Sportsman contestants may use muffler pressure in conjunction with stock mufflers and carburetors. Event director has final decision. Deck set up on Sunday at 10:00AM.
Entry Fee: \$15 first event, \$5 each additional event, \$25 maximum.

Contest Director: Patrick Hempel
For additional info. contact
Email: ptrckhem@aol.com

Sponsored by
Dallas Model Aircraft Association
Fuel and awards provided
By NASS & DMAA
AMA: License & Entry fee required
www.dmaa-1902.org

Racing Event Director: Bill Lee
Carrier Event Director: Bill Bischoff



LAFAYETTE ESQUADRILLE CONTROL-LINE CLUB of ST. LOUIS



Presents

MIDWEST SPEED CONTEST

Saturday & Sunday April 16 & 17, 2016

AMA sanction applied for

Buder Park Flying field in Valley Park, MO.

I-44 at Mo. 141, West of St. Louis take I-44 west to Valley Park Exit #272.

Buder Park is on the North Outer Road, on the northeast side of I-44

Contest Director, John Moll, 7315 Elm Grove Ct., Hazelwood, MO. 63042

PH # 314-831-4001, E-mail jl172@sbcglobal.net

EVENTS

301 ½ A Speed (JSO)

303 B Speed (JSO)

305 1/2A Profile Proto (JSO)

307 21 Sport Speed (JSO)

309 Jet Speed (JSO)

Sport Jet NASS (JSO)

Perky Speed (JSO)

302 A Speed (JSO)

304 D Speed (JSO)

306 21 Proto (JSO)

308 Formula 40 (JSO)

310 F2A (FAI) Speed (JSO)

“C” Speed (JSO)

Fox 35 Speed (JSO)

Registration opens both days at 8:30 am, Flying starts at 9:00 both days.

Fuel supplied per AMA rules, Awards 1st thru 3rd place.

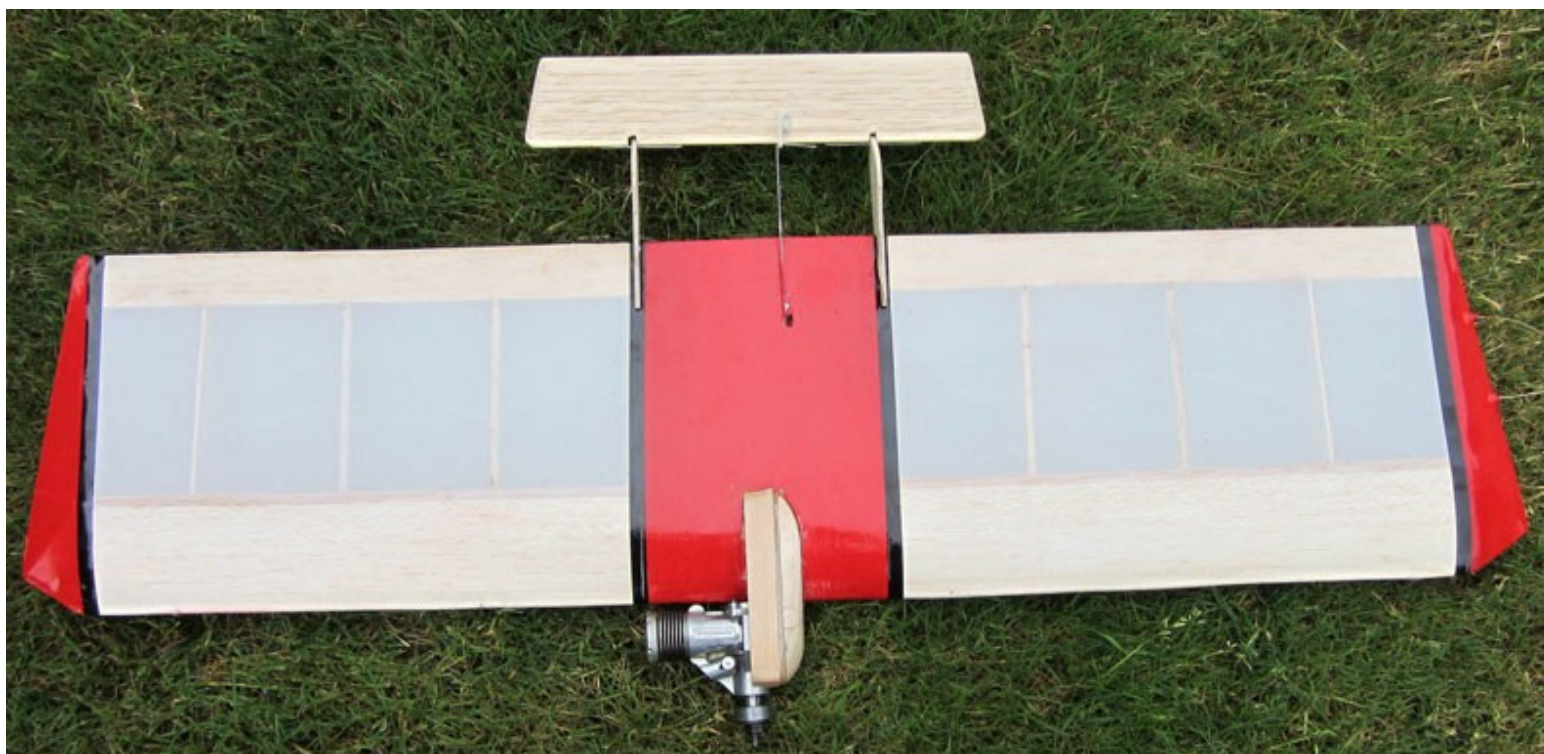
For Fox 35 speed rules contact CD.

Entry Fees, Open \$10.00 first event, \$5.00 each additional.

Juniors and Seniors are Free.

COMBAT GRAFFITI 2016

By Ken Burdick



The Big Iron is typical of the type of vintage combat planes showcased at Combat Graffiti.

Combat Graffiti promotional video: <https://www.youtube.com/watch?v=RC3bTQPV21k>

The original, one and only, Combat Graffiti will be held in Vancouver B.C.

Don't be left out of the fun! Build a pre-1964 combat ship and come join us.

Don't want to compete? Just bring a vintage combat wing and fly.

WHEN: Saturday July 9, 2016 - Static Judging begins at 10:00a.m.

WHERE: Rice Mill Road flying site, Richmond, British Columbia, Canada

RULES: <http://flyinglines.org/graffiti.rules.16.pdf>

Miscellaneous: This is an informal "picnic" event, so there is no entry fee required. There is no requirement to compete, but if you want to win the cup, you will need to. Feel free to bring any vintage model you like and fly it. The rules state 75mph maximum speed. If your speed is 80mph or greater, you will need a shutoff for any unofficial matches you fly per AMA/MAAC rules. Remember that we are guests at the VGMC field and we need to comply with all general AMA/MAAC safety rules.

32ND EDITION

GRAND PRIX DE FRANCE

16-17

JULY 2016

LANDRES

ENJOY YOUR FLIGHT

On-line registration
WWW.F2CMBL.ORG

WorldCup F2A-F2B-F2C-F2D
F2F-F2G



DUTCH GRAND PRIX

5TH EDITION

JULY 2016

14-15

La Région
Lorraine

MEURTHE & MOSELLE



INTL. V&V2016 GRAN CANARIA

16, 17, 18 December



EuroCombat

OTS Aerobatics

16
Edition

clubtamaran.com



The complaint desk has closed.

The Editor has left the building.