

# CONTROL LINE COMPETITION NEWSLETTER

RACING - SPEED - COMBAT - STUNT - CARRIER

DECEMBER 2017  
USA \$23.00



R/C flyers in Edmonton, Alberta, Canada decided to race some control line planes.

Instead of the usual boring racing models they built these really neat planes using  $\frac{1}{2}$  inch by 4 inch balsa and a lot of ingenuity. No report on performance but judging by the Perfect #11 tank on one model they probably fly a long time on a tank.

In this issue: Contest results, MACA Top Twenty, Super Cool Props, TCA glow plugs, a seminar for stunt judges plus a report from Howard Shenton.

Navy Carrier Society now offering free electronic membership for 2018.

# 2018 Whittier Narrows Speed, Combat, & Racing Contest Calendar

Whittier Narrows Park, S. El Monte, CA. 34.042737, -118.070392

Tentative Schedule No specific dates yet.

<b>February 2018</b>	Lenny Waltemath & Dennis Schauer Memorial
<b>April 2018</b>	Bill Nusz & Herb Stockton Memorial
<b>June 2018</b>	Bev & Bill Wisniewski Memorial
<b>September 2018</b>	Vic Garner Memorial
<b>October 2018</b>	Virgil Wilbur Memorial
<b>December 2018</b>	Toys For Tots

**Speed Events:** Electric, 301-310 & 606-607, Perky, NASS Sport Jet, and C-Speed

**Racing Events:** Dallas/SCAR Goodyear, NCLRA Clown, NCLRA Quickie Rat, Super Slow Rat/Fox, and AMA Mouse I

Before you set out on a cross-country trek check with the CD or ED to confirm contest dates. Whittier Narrows Park charges \$6.00 per day entry on weekends. A yearly pass is available but generally needs to be obtained from the Park Office during the week. Occasionally they do offer the pass at the front gate. Check with Howard Doering to make sure you're on the list.

**Link to F2 World Cup Events:** <http://www.fai.org/world-cups/f2-control-line>

**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>

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

**Link to Club Tamaran:** <http://www.control-line.eu/>

## HOBBY SUPPLIERS

**Partner Productions:** Current & Vintage Speed Plane plans. Box 205 Maple Ridge, BC V2X – 7G1 Canada 604-612-4060 [cpartner@shaw.ca](mailto: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](mailto:seichenberger@cox.net)

**Old Magazine Plans On CD:** e-mail Tom Wilk at: [tawilk636@live.com](mailto: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 S.C.A.R. Newsletter

[http://controlline.org.uk/phpBB2/files/mikenorthlist\\_209\\_423.pdf](http://controlline.org.uk/phpBB2/files/mikenorthlist_209_423.pdf)



**OPS Engines America:** Bill Hughes [williamhughes4@att.net](mailto:williamhughes4@att.net)

Engines/Parts Prices start at around \$150.

**Core House:** <http://home.earthlink.net/~philcartier/webcat/catalog.html>

Kits, cores, SLC covering material

**Marc Warwashana:** Don's wheels, fastfills, etc. [whellieman@gmail.com](mailto:whellieman@gmail.com)

**Pat King's website:** [www.pdkllc.com](http://www.pdkllc.com) Mockingbird Slow Rat and more.

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

**Douglas Mayer Model Airplane Plans:** Multiple Goodyear plans, Turbo Mouse I, Alley Rat II Quickie Rat. All plans **FREE** as a PDF, \$15.00 for hard copies.

Douglas Mayer [Douglasmayer58@gmail.com](mailto:Douglasmayer58@gmail.com) 310-463-0525

**Fuel Shutoffs:** Dale Long: [DirtyDshutoffs@dslextreme.com](mailto: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](mailto: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](mailto:jedeeflyer@aol.com)

**Doctor Diesel (Eric Clutton) P.A.W. Diesels:** [www.cafes.net/doctordiesel](http://www.cafes.net/doctordiesel)  
[doctordiesel@cafes.net](mailto: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](mailto:ukiespeedman@hotmail.com)

**Sportsman Goodyear:** Parts and accessories including venturis and needle valve assemblies for the Magnum/ASP 15, landing gear, and fuel tanks. [billbisch@hotmail.com](mailto:billbisch@hotmail.com)  
The ASP 15 with proper venturi is now available from MBS Model Supply for \$80.00.

**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](mailto:zzclspeed@aol.com)

**BMJR Models:** Freeflight, R/C, Control Line and Accessories. Laser kits.  
[www.bmjrmmodels.com](http://www.bmjrmmodels.com)



**MBS Model Supply**  
P.O. Box 282 Auburn, KS 66402-0282 <http://mbsmodelsupply.com/>  
Phone: After 5:00p.m. Central time or weekends only (785) 256-2583 Cell: (785) 221-7042

**TCA Racing Accessories** <http://www.tca-srl.it/Home/SITO/index.html> High tech Italian glowplugs, click on the Blue Line (Nelson and GloBee styles).  
E-mail for info: [Antonio.Giandrini@gmail.com](mailto:Antonio.Giandrini@gmail.com) or [Adriento@gmail.com](mailto:Adriento@gmail.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**

**Robin's View Productions:** Foam wings, cores and Lost-Foam building fixtures for built-up wings. Nifty electric motor mount called the Hardnose Mount also available. PDF building manuals available for free! Just e-mail your request to Bob Hunt. [robinhunt@rcn.com](mailto:robinhunt@rcn.com)

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

**Doug Galbreath:** Cyclon 049, Nelson 65, and Audio Tachs 530-757-6058  
3408 Topsail Place Davis, California 95616

**Lee Machine Shop:** Syringes, venturi selection for many engines, prop bushings, motor mount drill guides, etc. <http://www.leemachineshop.com/> [sales@LeeMachineShop.com](mailto:sales@LeeMachineShop.com)  
827 SE 43<sup>rd</sup> Street Topeka, Kansas 66609 785-266-7714

**Planet Hobby:** NovaRossi aircraft engines are the world's standard for power, performance, and reliability. Phone: 901-755-1536 Web address: [www.PlanetHobby.com](http://www.PlanetHobby.com)

**Enya U.S. Engines+Parts:** Complete Enya parts inventory. We specialize in C/L parts. Call or e-mail for your needs. Shipping worldwide. [Http://stores.ebay.com/thecontrol-linestore](http://stores.ebay.com/thecontrol-linestore)  
Bob Brooks 954-234-0863 [shtterman@aol.com](mailto:shtterman@aol.com)

**Microfasteners:** Hobby enthusiasts of all types trust MicroFasteners for all of their hardware needs. [www.microfasteners.com](http://www.microfasteners.com) [info@microfasteners.com](mailto:info@microfasteners.com) 1-800-892-6917  
610-438-6177 Kathy Bechtel – Owner

## Membership For Everyone



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

**Membership is now FREE!** Go to the NCLRA website and click on the **Join or Renew** tab. Members, as well as Non-members, can view all the electronic newsletters from October 2002 through the most recent (October 2017 as of this posting). A paper copy of the newsletter will incur a \$10.00 fee. NCLRA President Bill Bischoff has added NCLRA to the Vendor's Corner on Stunt Hangar, here's the link: <http://stunthanger.com/smf/nclra/>



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

**Electronic Membership for 2018 is FREE!** Printed newsletter is \$10.00.



**North American Speed Society:** <http://clspeed.com/membership> Membership is \$35 for USA and Canadian residents and \$45 international. A special membership with a digital only newsletter is available for only \$20.00. PayPal OK



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

MACA doesn't have a newsletter but you can get current contest results, new products, and comments from members on their Facebook page:

<https://www.facebook.com/groups/107346039286541/about/>



**Academy of Model Aeronautics**

<http://www.modelaircraft.org/> If your permanent residence is outside the USA and you want to compete in a AMA sanctioned contest be sure to check out Affiliate Membership.



**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

# Bill Bischoff's Sportsman Goodyear Racing Parts

**ASP S15A engine \$65.00** New in bag (engines came without boxes). Includes stock muffler and carburetor. Requires venturi and needle valve assembly.

**ASP/Magnum 15 venturi \$10.00** 1/4" ID, 4mm spraybar, fits 10mm hole in case.

**RSM Supertigre style needle assembly \$10.00**

**Aluminum landing gear struts \$12.00** .090" 2024-T3, drilled & tapped with screws, edges pre-rounded.

**Wheels and axles \$6.00** 1 1/4" Williams Bros. Wheels, 1/4" axles

**1/4" axles without wheels \$2.00** with hardware – requires 1/4" hole in wheels

**One ounce fuel tank per Margaret June plans \$20.00**

**Bellcrank button kit \$2.00** Includes hex buttons, eyelets, screws

**Fuel shutoff trigger wire \$1.00** per Margaret June article

**Fuel bottle with fill fitting 8 ounce \$10.00 16 ounce \$11.00**

**Deluxe fuel bottle w/spring valve 8 ounce \$14.00 16 ounce \$15.00**

**Racing handle with 3" spacing \$25.00** Metal frame, wooden grip, stainless cable (other spacing available by request)

**Shipping:** \$10.00 for orders with engines. \$7.00 per order including fuel tanks or bottles. \$3.00 per order without fuel tanks, bottles. I accept paypal or personal checks. PayPal: [billbisch@hotmail.com](mailto:billbisch@hotmail.com)/ mail checks to William Bischoff, 1809 Melody Ln, Garland, TX 75042. For questions, call (972) 840-2135 or e-mail [billbisch@hotmail.com](mailto:billbisch@hotmail.com)





The **2018 World Championship** is scheduled for July 14-20 in Landres, France.

Bulletin #1: [http://www.f2cdbl.org/phocadownload/WC2018/18\\_F2\\_WCh\\_Bulletin1\\_3.2.pdf](http://www.f2cdbl.org/phocadownload/WC2018/18_F2_WCh_Bulletin1_3.2.pdf)

World Championship web site: <http://wc2018.f2cdbl.org>

USA Team website: <http://2018clwc.org/>

The **AMA Nationals** features C/L Scale July 7-8 with Combat, Stunt, and Carrier July 9-14. **Speed and Racing have been moved to July 30-August 3.**

#### Tentative Racing Schedule

	<u>Morning</u>	<u>Afternoon</u>
Monday July 30	NCLRA Clown	F2C
Tuesday July 31	AMA Mouse I	NCLRA Quickie Rat
Wednesday August 1	AMA Slow Rat	Super Slow Rat
Thursday August 2	AMA Goodyear	Sportsman Goodyear
Thursday Evening	NCLRA Banquet	
Friday August 3	500 lap Sportsman Goodyear race	



The club that hosted the two World Cup events in St. Louis, Lafayette Esquadrielle, has voted to do it again. The F2A Cup Spirit of St. Louis now officially listed. Here's a link to their homepage: <https://lafayetteesquadriellecl.wordpress.com/>

February 25, 2018	Ice-O-lated Fox and Perky Speed
May 19-20, 2018	Speed contest for all classes
September 27-28	F2A Spirit of St. Louis



## Toys For Tots      December 2-3, 2018      Whittier Narrows



**80mph Combat (cuts):** 1<sup>st</sup> Sean Dea, 2<sup>nd</sup> Chuck Rudner, 3<sup>rd</sup> Jeff Rein, 4<sup>th</sup> Mike Alurac

**Speed Limit Combat (kills):** 1<sup>st</sup> Don Jensen, 2<sup>nd</sup> Pete Athans, 3<sup>rd</sup> Jeff Rein

**F2d Fast Combat:** 1<sup>st</sup> Sean Dea, 2<sup>nd</sup> Jeff Rein, 3<sup>rd</sup> Mike Alurac, 4<sup>th</sup> Bill Maywald

<b><u>1/2A Profile Proto:</u></b>	NewMath	98.26mph
	Dane Martin	Attempt
	Joe Brownlee	Attempt

<b><u>1/2A Speed:</u></b>	Jerry Rocha	122.86mph
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<b><u>A-Speed:</u></b>	NewMath	192.41mph
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<b><u>B-Speed:</u></b>	NewMath	168.69mph
	Jon DeFries	Attempt

<b><u>21 Sport Speed:</u></b>	NewMath	147.72mph
	Brad Anderson	131.75mph
	Mike Hazel	119.03mph

<b><u>NASS Sport Jet:</u></b>	Joey Mathison	151.58mph
	Will Stewart	150.52mph
	Jim Rhoades	149.34mph
	John Newton	148.99mph
	Howard Doering	147.84mph
	Mike Hazel	147.08mph
	Ron Duly	143.59mph

<b><u>Northwest Sport Jet:</u></b>	Joey Mathison	151.11mph
	Jim Rhoades	147.33mph
	Mike Hazel	146.49mph
	John Newton	145.87mph
	Howard Doering	144.52mph
	Dane Martin	131.04mph
	Joe Brownlee	Attempt

<b><u>F2d Proto Speed:</u></b>	Jerry Rocha	111.04mph
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<b><u>Fox 35 Speed:</u></b>	John Wright	72.01mph
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<b><u>Plain Bearing Torquette:</u></b>	Larry Renger	55.86mph
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<b><u>Hollow Log Reed .049:</u></b>	John Wright	53.47mph
	Larry Renger	51.00mph



Will Stewart with his Fox Speed model, Mike Hazel in the pylon flying his 21 Sport Speed, and Joey Mathison and Brad Anderson send off a Sport Jet. Brad Anderson was the recipient of the Perpetual Trophy for 2017.





Howard Doering and Ron Duly in the pylon with conventional two-line systems as Jim Rhoades heads to the pylon using a Monoline system. Pulling the thimble (in his right hand) twists the line and a control unit in the plane converts it to up/down elevator.



Chuck Rudner

Pete Athans and Bill Maywald

Jeff Rein and Don Jensen

The area behind Chuck Rudner looks pretty rough but that's way outside the perimeter. The concept of using the sprinkler system to water the field during dry periods finally sunk into the Park Department. The field (formerly known as Gopher Gulch) was in pretty good shape. Two days of warm and sunny weather with practically no wind added to the enjoyment of dozens of excellent combat matches. De-tuned F2d models on 60 foot lines seem to be favored for Speed Limit events (either cuts or kills).



It's almost winter in Southern California and it's sunny and 77F, how's it going in your area of the country? (left to right) Chuck Rudner, Don Jensen, Sean Dea, Jeff Rein, and Mike Alurac. Don Jensenator Jensen and Cary Minor are in a near dead heat for 2017 MACA #1.



Don Jensen, Ariel Quezada, and Chuck Rudner were 1-3 in Phoenix Fast F2d. (Starting from the far right) Lance Matassa ran another super triple elimination F2d contest. The winner was 2002 World Champion Mike Combat Willcox (was there any doubt?). Igor Dementiev was second, Cary Minor third, Mark Rudner fourth, and Jeff Rein fifth.





Pirated from the pages of the New England Combat News: 2017 Turkey Shoot GX Combat  
 1<sup>st</sup> Brian Stas 2700 points, 2<sup>nd</sup> Matt Stas 1945 points, 3<sup>rd</sup> Paul Kubeck 1430 points  
 Bill Bishop was 1<sup>st</sup> Sportsman. <http://necn2016.homestead.com/> Shawn Bush photo

## International seminar for F2B Judge



Judges for World and European Championships received classroom and on-the-field instruction. Serge Delabarde's report follows the classroom picture.



### **International seminar for F2B Judge.**

The organizers of the World or European championships have asked me in recent years to serve as head of the jury F2B and each time, the jury FAI asked me, at the end of the competition, to check the set of scoring sheets before reading the charts. This allowed me to notice some disparities, sometimes important. At the World Championships in Australia in 2016, this problem manifested itself in qualifying flights to the point where it was necessary to refocus a judge who was officiating for the first time at this level of competition.

A few months later, participating as a pilot at an international competition abroad, I see significant differences in judgment between the three judges; did not they see the same thing?

I had the idea to propose a meeting between international judges, but also open to judges of all levels in search of perfection.

An email / invitation was sent to many European countries and beyond, and the surprise came from the interest this proposal raised. Obviously the demand was felt.

It was proposed to meet us on May 13th and 14th at the Jean Moy complex, at La Queue en Brie, the Cachan Model Club accepting stewardship. The proximity of Paris offering foreigners ease of access.

Pre-enrollments counted 20 participants from 7 countries and the course was held with 15 participants from Sweden, Belgium, Great Britain, Switzerland and France.

During 2 days, we detailed the regulation from a "power point" bilingual French / English and judged in condition the flights of 2 pilots selected for the occasion. Peter Germann, rapporteur of the category at CIAM served as mediator and did not fail to reduce any misguidance on the right path of the Sports Code or the judge's guide. Beginning and end of each maneuver, respect of the geometry, field of action of the judge, all was approached, detailed, debated.

The final round revealed the satisfaction of all participants. Today the idea is circulating and the "power point" has been distributed in several countries, hoping that our absent colleagues will continue and develop this initiative.

**Serge DELABARDE**



## Super Cool Propellers



Ian Thompson has taken over the manufacture of Super Cool Propellers. There's a wide range of props from F2C and Goodyear to Free Flight. Contact Ian for price and availability.  
 Ian Thompson: [iandthompson@msn.com](mailto:iandthompson@msn.com)

Glow Plug	SeatType	Heat Range	Recommended Fuel	Element type
TCA 3 Short Reach	STD 1/4x32	Very Hot	Nitro 5%	Standard
TCA 4 Short Reach	STD 1/4x32	Hot	Nitro 5%	Standard
TCA 5 Short Reach	STD 1/4x32	Medium	Nitro 15%	Standard
TCA 6 Short Reach	STD 1/4x32	Cold	Nitro 25%	Standard
TCA T3 Standard Reach	STD 1/4x32	Very Hot	Nitro 5%	Standard
TCA T4 Standard Reach	STD 1/4x32	Hot	Nitro 5%	Standard
TCA T5 Standard Reach	STD 1/4x32	Medium	Nitro 15%	Standard
TCA T6 Standard Reach	STD 1/4x32	Cold	Nitro 25%	Standard
TCA T7 Standard Reach	STD 1/4x32	Very Cold	Nitro 25%+	Standard
TCA Blue Line Q40, Q500	Nelson Taper	Medium	FAI 4:1 20% Castor Oil	Flat Coil
TCA Blue Line F3D No 7	Nelson Taper	Medium	FAI 4:1 20% Castor Oil	Flat Coil
TCA Blue Line F3D No 9	Nelson Taper	Cold	FAI 4:1 20% Castor Oil	Flat Coil
TCA Blue Line F2A No 2	Nelson Taper	Hot	FAI 4:1 20% Castor Oil	Flat Coil
TCA Blue Line F2A No 7	Nelson Taper	Cold	FAI 4:1 20% Castor Oil	Flat Coil
TCA Cone Lock 5	Cone Lock/Turbo	Hot	Nitro 10-30%	Standard
TCA Cone Lock 6	Cone Lock/Turbo	Medium	Nitro 15-35%	Standard
TCA Cone Lock 7	Cone Lock/Turbo	Cold	Nitro 25-45%	Standard
TCA Cone Lock 8	Cone Lock/Turbo	Extra Cold	Nitro 25-45%	Standard
TCA Cone Lock Special 5	Cone Lock/Turbo	Hot	Nitro 10-30%	Standard
TCA Cone Lock Special 6	Cone Lock/Turbo	Medium	Nitro 15-35%	Standard
TCA Cone Lock Special 7	Cone Lock/Turbo	Cold	Nitro 25% Plus	Standard
TCA 4Tempi (4 Stroke)	4 Stroke STD	Hot	Nitro 10%	Standard

Andrew Heath made up this chart for TCA plugs (he's the Australian importer). Since there is no American importer (so far), contact: [Antonio.Giandrini@gmail.com](mailto:Antonio.Giandrini@gmail.com)



From left: Gene Pape (Super Clown/ASP 25), John Thompson (Super Clown/Fox 35), Mike Hazel (Artesian/OS LA 25), Doug Powers (Super Fly/OS LA 25), Leighton Mangels (Super Fly/OS LA 25), John Knoppi (Artesian/Fox 35), Jim Cameron (Pilot), Pat Chewning (Pilot), Gary Harris (Super Fly/Fox 35), Richard Entwistle (Super Fly/OS LA 25). 1<sup>st</sup> Mike Hazel 9:03.13  
 2<sup>nd</sup> Doug Powers 9:47.13 3<sup>rd</sup> John Thompson 10:52 Gene Pape used the ASP for a demo race since it's not legal yet for Northwest Sport Race, he turned 10:22 and had similar airspeed to the OS LA 25. The contest was hosted by the Northwest Fireballs and flown at the Jim Walker Memorial Flying Field in Delta Park, Portland, Oregon.

Read the full contest report in Flying Lines: <http://flyinglines.org/pdx.nwsr.17.html>



Howard Shenton sent along some pictures and news from his area. The picture on the left is from the 2017 Carolina Criterium 1/2A competition. Ron Colombo (far left) was 2<sup>nd</sup>, Don Stoneman (middle) was 1<sup>st</sup>, and Mike Londke 3<sup>rd</sup>. Howard is using a computer to keep track of scoring as many others are doing worldwide. The asphalt circles are in great shape after the county refurbished them and lots of room for grass circles. Their contests are the biggest east of the Mississippi, keep an eye out for upcoming meets.





**International V&V 2017 Gran Canaria December 15-17, 2017**

International V&V Gran Canaria										
Results Eurocombat 16th-17th of December 2017										
Place, Name	Nation	Wins/Losses								
1. Mick Lewis	GBR	W9	W11	W25	W30	L35	W38	W41		
2. Lennart Nord	SWE	L3	W13	W22	W29	W34	W39	W40	L41	
3. Raúl Hernandez (Jun)	ESP	W6	W17	W23	L30	W36	L40			(W)
4. José Lopez Olivares	ESP	L7	W18	W27	W33	W35	L39			(L)
Manuel Mateo	ESP	W3	W14	W28	L33	W37	L38			(W) (L)
6. Nicolas Antunez	ESP	W5	W15	L24	W31	L34				
Erik Huss	SWE	W2	L18	W24	W32	L36				
Francisco Jimenez	ESP	W10	W12	W26	L29	L37				
9. Nicolas Antunez Jr (Jun)	ESP	W8	W20	L27	L32					
Vernon Hunt	GBR	W7	W16	L23	L31					
11. Darryl Hinton	GBR	L8	W21	L26						
José Luis Lopez	ESP	W1	L13	L28						
Alberto Pama	ESP	L2	W19	L25						
Marta Sala Reverte	ESP	W4	L16	L22						
15. Javier Arigunde	ESP	L11	L21							
Sion Burns	GBR	L4	L19							
Beatriz Caceres	ESP	L9	L20							
Sune Karlsson	SWE	L6	L14							
John Leggot	GBR	L1	L17							
Nick Showe	GBR	L5	L12							
Nino Usala	BEL	L10	L15							

The combat results were just posted on-line but the results from all the other events should be available soon. If you don't know where the Canary Islands are located, take a look at Google Earth, they're just off the coast of the southern part of Morocco. Air access would probably be easiest via Madrid, Barcelona, or Lisbon.

Combat is flown using Vintage scoring but using current models with either .15 glow or diesel power. There's a 90db noise limit for glows and a speed limit of 3.5 seconds per lap. Models may be rented and a 100% refund if they're returned undamaged.

The 2018 contest will be held in mid-December, the perfect getaway for those of you living in colder climates. Here's the link to the 2017 contest:

<http://www.clubtamaran.com/intl-vv-gran-canaria.html>

## Fred's trivia question page.



Super Tigre G20/15v Jubilee (left) and K&B15R. Ugo Rossi won the 1960 World Championship by wrapping the lines around his right shoulder. He used a prototype of the Tigre. Which future American World Champion used a prototype of the K&B 15R?

Visit Adrian Duncan's site for some hints:

[http://adriansmodelaeroengines.com/catalog/main.php?cat\\_id=163](http://adriansmodelaeroengines.com/catalog/main.php?cat_id=163)



McCollum/Knoppi, Hollfelder/Gillott, and Willoughby/Oge. Which team had the combined fastest qualifying times? Which team did the best at the World Championship?



Who was Henry Nelson's pilot? Hint: He's usually flipping props instead of piloting.





# Open De Paris 2018

CONTROL LINE  
World Cup



## 7 & 8 july

## F2 WORLD CUP CONTEST



**Celebrating**  
**80 YEARS OF NATIONALS**

**1938**



**2018**



**The 70th**  
**MAAA NATIONAL**  
**MODEL AIRCRAFT**  
**CHAMPIONSHIPS.**  
**2018**

**WEST WYALONG NSW.**

23rd to 30th April 2018

**The "Nats" as they were "back in the day".**

**All events within 15 minutes of each other.**

**First class venues and facilities.**

**Camaraderie and competition.**

**Auction and Swap Meet.**

**Presentation Dinner.**





Early Announcement



# Karlskoga World Cup & Open Nordic Championships 2018

At 10<sup>th</sup>-13<sup>th</sup> of May 2018 Karlskoga and Sweden will host the Open Nordic Championships that will be run in combination with the World Cup Contest.

C/L Flyers from all around the World are welcome to fight to become a Nordic Champion (and also a World Cup Winner). Mark these dates in your calendar **NOW** and join us in 4 days of joy!! **WELCOME!!!!** More info will come later...

New for 2018 is that F2B will have World Cup Status (In addition to F2A-F2D).

**World Cup Classes:** F2A – F2B – F2D

**Nordic Championships Classes:** F2A – F2B – F2C – F2D

**Additional Classes:** Minispeed, Semispeed, Weatherman Vintage Speed, Semistunt and Goodyear Racing (F2F).

## Preliminary schedule:

Thursday: F2B, Semistunt, Minispeed, Semispeed, Weatherman.

Friday: F2B, Semistunt, F2C, Goodyear Racing (F2F)

Saturday: F2A, F2D

Sunday: F2A, F2D

Our contest is of course part of the **DreiländerPokal 2018** in F2A – F2B – F2D: Bitterfeld, Germany 28<sup>th</sup>-29<sup>th</sup> of April + Herning, Denmark 19<sup>th</sup>-20<sup>th</sup> of May

Last time we had the Open Nordic Champs in Karlskoga (2014) we saw these winners:



F2A  
Per Stjärnesund SWE



F2B  
Ove Andersson SWE



F2C  
Dmitri Smirnov/  
Aleksandr Redko RUS



F2D  
Sergei Tsukov EST



## Vintage Stunt Championships XXX

March 13-17, 2018

**Flying Site:** Christopher Columbus Park, 4600 North Silverbell Rd., Tucson, AZ 85745

**Pilots meeting:** Daily at 7:30 AM. Official flights start no later than 8:00AM.

**Hotel:** Four hotels with negotiated rates – details on the map

- Hotel Tucson City Center, 475 N Granada Ave., Tucson, AZ 85701 Phone: (520) 622-3000
- Red Roof Inn (Ina Rd and I-10), 4940 W. Ina Rd., Tucson, AZ 85743 Phone: (520) 744-8199
- Travelodge (Ina Rd and I-10), 4910 W. Ina Rd., Tucson, AZ 85743 Phone: (520) 744-3382
- Best Western Plus Gold Poppy Inn, (Ina Rd and I-10) 4930 W Ina Rd., Tucson, AZ 85743 Phone: 520-579-7202

**Classic & Super 70's Appearance Judging** - Wed. (Mar 14) starting promptly at 4:00PM 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 on Thu Mar 15. No pre-entry or fee required. Just show up with a current AMA license and show us something cool.

**Entry Deadline:** Friday Mar 2, 2018. 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](http://www.ccmaonline.org) or [www.azucontrol.org/](http://www.azucontrol.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, Wed March 14. Refunds for the banquet cannot be made after 8 AM, Wed. March 14

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

### REGISTRATION FORM: VSC-XXX (30) March 13-17, 2018

**NAME:** \_\_\_\_\_ **AMA #** \_\_\_\_\_

**STREET:** \_\_\_\_\_ **CITY:** \_\_\_\_\_ **STATE:** \_\_\_\_\_ **Zip** \_\_\_\_\_

**EMAIL ADDRESS:** \_\_\_\_\_

**Needed if you would like entry confirmation**

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 websites listed at bottom of page**

#### EVENTS ENTERED:

**OTS @ \$20.00** \_\_\_\_\_ (Tues. 13<sup>th</sup> – Wed. 14<sup>th</sup>)

**IGN OTS @ \$20.00** \_\_\_\_\_ (Thu 15<sup>th</sup>)

**OTS Ringmaster @ \$20.00** \_\_\_\_\_ (Thu. 15<sup>th</sup>)

**Classic @ \$20.00** \_\_\_\_\_ (Fri. 16<sup>th</sup> – Sat. 17<sup>th</sup>)

**Super 70s @ \$20.00** \_\_\_\_\_ (Fri. 16<sup>th</sup> – Sat. 17<sup>th</sup>)

- OTS/OTS IGN-current PAMPA rules, BOM not req'd
- Ringmaster & OTS - no BOM rule
- Ringmaster - no bonus for self-built models
- Classic & S70 – no BOM. Zero (0) for appearance if you are not the BOM.
- Can enter Classic AND Super 70's (cannot use same model)
- OTS/Classic/S70 - Two rounds each day using 2 asphalt circles. Highest score from each of two days 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 more details refer to the web sites below

#### Awards Banquet Meal Selections (Hotel Tucson City Center, Sat Night March 17, 2018)

**Beef Top Sirloin** \_\_\_\_\_ @ \$30.00. Names: \_\_\_\_\_

**Chicken Marsala** \_\_\_\_\_ @ \$30.00. Names: \_\_\_\_\_

**Salmon** \_\_\_\_\_ @ \$30.00. Names: \_\_\_\_\_

**Entry must be received no later than Friday Mar. 2, 2018**

**Make Checks Payable to John Callentine (Email [Johncallentine@gmail.com](mailto:Johncallentine@gmail.com))**

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

**PayPal also accepted.  
Send to John Callentine as  
a friend, not a business**

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

Assistant CD: Leroy Black  
25526 W. Rio Vista Lane  
Buckeye, AZ 85326  
Home: 623-327-9227  
Cell: 623-326-4110  
Email: [Lindyle1@yahoo.com](mailto: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](mailto:Johncallentine@gmail.com)

**CHOLLA CHOPPERS WEB SITE:** [www.ccmaonline.org](http://www.ccmaonline.org)

**CENTRAL AZ CONTROL LINE CLUB WEB SITE:** [www.azucontrol.org/](http://www.azucontrol.org/)

# Waikato Tarmac Championship 2018

**Where:** New Plymouth MAC Flying site, New Plymouth, New Zealand

**When:** February 23-25, 2018 Pre-entry is required.

**Friday February 23:** Practice Day 9:00 - 5:00p.m. NASS Sport Jet

**Saturday February 24:** Open practice 9:00 - 9:45a.m.  
F2C practice 9:45 - 10:05a.m.  
1/2A Team Race 10:00 - 11:00a.m.  
F2C First round 11:00a.m.  
F2A First round 11:30a.m.  
F2C Second round 12:00p.m.  
Lunch and open practice 12:30 – 1:00p.m.  
F2A Second round 1:00p.m.  
Classic FAI/F2F Team Race 1:30 – 2:30p.m.  
Class B Team Race 2:30 – 3:00p.m.  
NASS Sport Jet 3:00p.m.

**Sunday February 25:** Open practice 9:00 – 9:45a.m.  
F2C practice 9:45 – 10:05a.m.  
Slow Goodyear 10:05 – 11:35a.m.  
F2C Third round 11:35a.m.  
F2A Third round 12:00p.m.  
Lunch and open practice 12:15 – 12:45p.m.  
F2C Final 12:45p.m.  
Fast Goodyear 1:00p.m.  
Percent Speed 2:00p.m.

Pre-entry required prior to February 10, 2018. Minimum of three entries per event.  
Due to it being a World Championship year we want team members to have as much practice as possible. The grass circle is available for F2B practice/mini comp if keen?

Starting time for both days is 10:05a.m. Practice from 9:00a.m. \$20 per person landing fee for the weekend. Billets available on request.

Brendan Robinson  
Ph. 027 2404173  
[robsbj@gmail.com](mailto:robsbj@gmail.com)

Andrew Robinson  
Ph. 06 7543224  
[a\\_robinson\\_nz@hotmail.com](mailto:a_robinson_nz@hotmail.com)

Robert Bolton  
Ph. 06 7534138  
[pulsejet@xtra.co.nz](mailto:pulsejet@xtra.co.nz)

## MACA Top Twenty For 2017



Your Editor delayed sending out the December newsletter waiting for the MACA Top Twenty. Due to a flurry of contests the final weekend in 2017 the official results won't be known for another couple weeks. Keep checking MACA's Facebook page.

# The complaint desk has closed.

# The Editor has left the building.

Don't forget to buy your souvenirs at the concession booth.





