CONTROL LINE
COMPETITION NEWSLETTER

RACING - SPEED - COMBAT - STUNT - CARRIER May 2017
USA $18.00

MACA 2016 Combat Champions. (left to right) Chuck Rudner #1 Bill Maywald #2, and Don Jensen #3. Jeff Rein tracks all combat competition nationwide. Updated standings are usually posted on MACA's Facebook page after major competitions. Jeff flew some great F2D Fast matches at the Whittier contest and looked to be a shoo-in for first place. Don Jensen and Pete Athans had other ideas. Jeff recently moved from rainy Seattle to warm and sunny Yuma, Arizona, just a couple hours drive from Whittier.

2017 Whittier Narrows Speed, Combat, & Racing Contest Calendar

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

June 3-4 2017 **Bill & Bev Wisniewski Memorial Speed and Racing**
CD & Speed ED: Joe Brownlee h.714-895-1857 c.714-393-1940

September 9-10 **Vic Garner Memorial Speed and Racing**
CD & Racing ED: Charlie Johnson **Hislordship924@yahoo.com**

October 21-22 **Virgil Wilbur Memorial Speed, Combat, and Racing**
CD & Speed ED: Howard Doering h.714-638-4937 c.714-394-5304

December 2-3 **Toys For Tots Speed, Combat, and Racing**
CD & Racing ED: Ron Duly h.818-843-1748
Entry fee: One new unwrapped toy, approximate value $10-20

Speed Events: All speed events including electric, 301-310 & 334, 335 + Perky & NASS Sport Jet & C Speed at all events. Torquette Speed and Hollow Log Speed at the Toys For Tots contest. Official flights on both Saturday and Sunday.

Racing Events: SCAR Goodyear, NCLRA Clown & Super Slow Rat, NCLRA Quickie Rat Musciano Log Racing at the Toys For Tots contest. Racing Sunday only.

Combat Events: 80mph Combat and F2d Fast Combat flown at the October, and December contests. Fuel shutoffs required in both events.
Contact Don Jensen for details: **Flyjensen56@verizon.net**

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** 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 S.C.A.R. Newsletter
http://controlline.org.uk/phpBB2/files/mikenorthlist_209_423.pdf

OPS Engines America: Bill Hughes 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

Andrew Nugent: Andrew.n5@bigpond.com

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

Goodyear Plans: Doug Mayer: douglasmayer58@gmail.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

Sportsman Goodyear: Parts and accessories including venturis and needle valve assemblies for the Magnum/ASP 15, landing gear, and fuel tanks. 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

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

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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 or 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**

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**
827 SE 43rd 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

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**
Bob Brooks 954-234-0863 **shtterman@aol.com**

Microfasteners: Hobby enthusiasts of all types trust MicroFasteners for all of their hardware needs. **www.microfasteners.com** **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 (December 2016 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

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/

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

Scale	July 14-16
F2A Team Trials	July 15-16 Confirmed
F2D Team Trials	July 13-16 Confirmed (see flyer)
Goodyear and Sport Goodyear	July 17
Mouse and Quickie Rat	July 18
Slow Rat and Super Slow Rat	July 19
F2C and NCLRA Clown	July 20
F2C Practice Day	July 21
F2C Team Trials	July 22-23 Confirmed
Walker Cup	July 22

JAMES MEARS MEMORIAL COMBAT BASH

September 2-3 2017 Lubbock, Texas

Lt Col George Andrew Davis Jr. Field

AMA Event 331 (JSO) F2d Combat Sanction #17/453

New Super Foras for 1st and 2nd, new airplane for 3rd

Party with food Saturday night at combat museum. Lunch included Saturday.

Sponsor: Llano Estacado Model Airplane Club

CD: Bobby Mears Phone: 806-778-5465

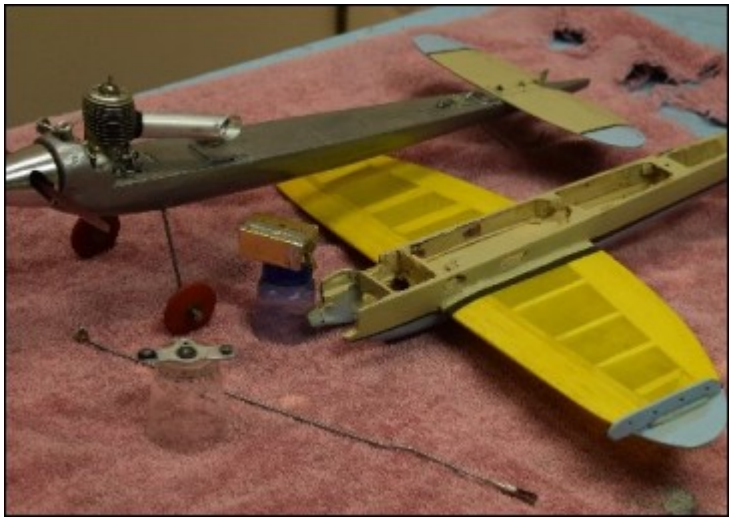
Can you tell by their expression who is winning the match? Don Jensen vs. Chuck Rudner

Jeff Hanauer and Chris Collins try to decide who has the advantage in an arm tangle. Flyers argue both positions. Your arm can block the vision of the other flyer and can also force him to turn in only one direction. The downside is that sometimes neither pilot can get free and the match ends up with both planes checking out the turf.

Whittier Narrows 80mph Speed Limit Triple Elimination April 8, 2017 results:
Sean Dea 1st, Bill Maywald 2nd, and Mike Alurac 3rd.

Triple Elimination F2d Fast results:
Don Jensen 1st, Pete Athans 2nd, Jeff Rein 3rd
Mike Alurac photo

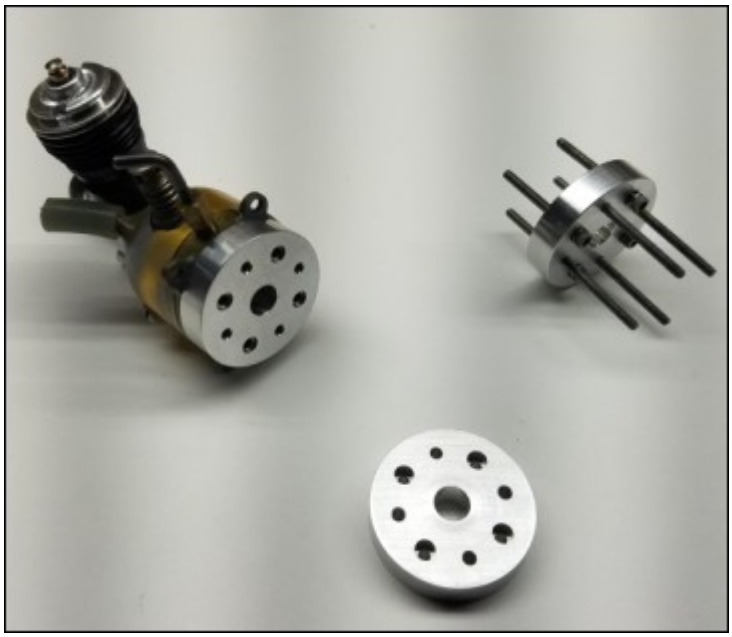
This month Monkey Business features some interesting developments from a skunkworks near you.



Paul Smith's new Fora powered Perky with mini-pipe. Note the British influence as the model has right hand drive (it flies clockwise). The Perky only has about an 18” wingspan and even with a lot of tip weight they're prone to torque roll on takeoff. Paul is testing some older F2d props (pre-6mm exhaust) that have more pitch. Competition is fierce at the annual Brodak Fly-In with proto speeds (16 laps from a dead stop, 52 foot lines) around 114mph. At last year's Fly-In there were four entries that broke 100mph. The next page has the Wizard of Palm Bay, Bob Whitney, with a different approach to keep his Perky Speed King title.

Bob Whitney sent a few pictures of his Perky during the construction phase. Hopefully there will be a picture of Bob and his finished model when we meet at the Dallas contest. This is certainly not your grand dad's Perky. Molded carbon body work, radially mounted sidewinder Nelson with swing weight carb. Push the weighted lever toward fuselage when starting, weight pulls the carb wide open when there's enough airspeed. Perkys have blazing acceleration and many stutter on launch because of the large carb throat area. Any kind of stutter on launch kills your proto time. The swing carb should get the best of both worlds, quick acceleration, without a stutter, and a big venturi for maximum speed. Bob said that if he paid himself $20 an hour the spinner assembly would cost him a couple hundred bucks.

John McCollum's Mouse Racer. Isn't this the way it should be in Mouse?



Exotic mount keeps the engine/plane from falling to bits.

Whittier Narrows Bill Nusz & Herb Stockton Memorial
April 8-9 2017 by Howard Doering

A-Speed	George Brown III	178.88mph
	NewMath Team	175.31mph
B-Speed	NewMath Team	147.24mph
Fast Jet	George Brown III	177.97mph
NASS Sport Jet	Joey Mathison	148.94mph
	Will Stewart	148.21mph
	John Newton	146.52mph
	George Brown III	144.86mph
	Ron Duly	143.14mph
	Howard Doering	141.67mph
Northwest Sport Jet	John Newton	147.72mph
	Howard Doering	142.55mph
Sport 21	Howard Doering	148.08mph
	George Brown III	Attempt
21 Proto	Howard Doering	132.13mph

Joey Mathison starts the Fast Jet and George Brown III working the Monoline.

Sport Jet has become the most popular speed event in some areas. Plenty of pull (see insert of Howard Doering). Build up your arm strength with the OS/Nelson 65 shown below. The D-Speed beast sold for $600+ on eBay.

Victoria Control Line State Championships 2017 F2C Finalists

Graeme Christie/Rod Brown, Rob Fitzgerald/Mark Ellins, Murray Wilson/Mark Poschkens

				Semi 1	Semi 2	Final
Rob Fitzgerald/Mark Ellins	3:16.12	67 laps	DNS	3:17.03	3:24.69	**6:19.13**
Murray Wilson/Mark Poschkens	3:13.13	3:13.50	3:10.97	3:09.75	3:13.75	**6:22.87**
Graeme Christie/Rod Brown	3:15.75	DQ	39 laps	3:15.87	DQ	**DQ**
Richard Justic/Ron Lacey	3:17.81	78 laps	91 laps	3:34.41	3:21.91	
Shane Leknys/Colin Leknys	DNF	3:12.22	3:14.81	3:30.84	3:23.97	
Glen Lewis/Robert Bolton	3:42.03	3:28.25	3:17.90	3:31.85	3:28.62	
Trevor Letchford/Neil Baker	3:32.72	3:41.91	3:21.97			
Ryan Leknys/Julian Reichardt	3:26.41	3:23.50	3:22.34			
Trent McDermott/Keith Baddock	4:52.25	3:45.57	DNF			

World class times! To get into the semi round a team had to run under 3:18. The 3:09.75 turned by Wilson/Poschkens is a new Australian heat record. Christie/Brown's 3:15.75 is a new New Zealand record. The Kiwi team of Glen Lewis and Robert Bolton were impressive with a 3:17.90. Good show. Christie/Brown were DQ'd in the final for snagging Fitzgerald/Ellin's lines. The final was restarted as a two-up.

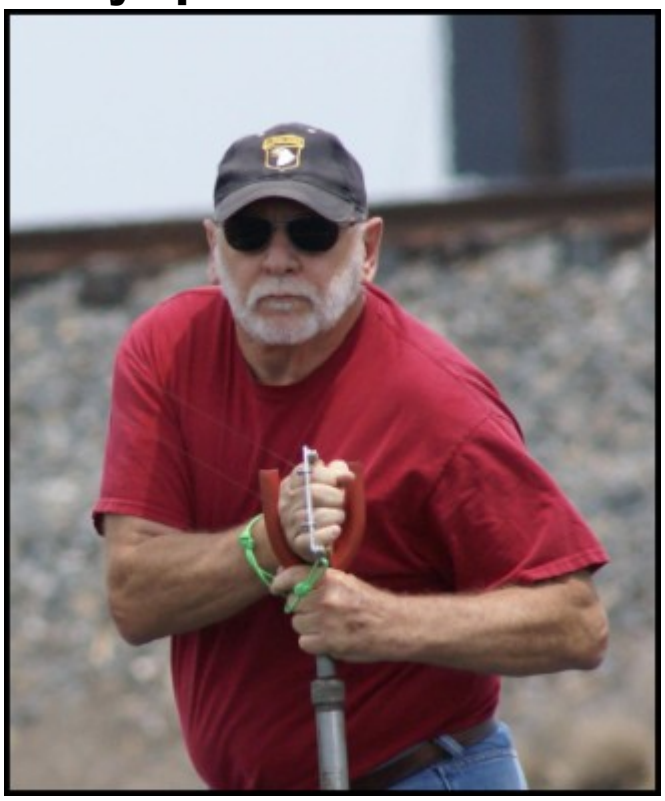
3rd Richard Justic 283.9kph, 1st Murray Wilson 290.7kph, 2nd Andrew Heath 290.7kph
Murray's backup F2A flight was faster than Andrew's

ABBREVIATED CONTEST REPORT : DALLAS, APRIL 28
by Bill Bischoff

Friday was F2C day, and as it turns out, the only day we were able to fly because of high winds. The Biscuits and Gravy team and the Hempel/ Lee team both flew old reliable (Translation: slow and expendable) models, and completed three good races without incident. Biscuits and Gravy improved a bit on each time, with a 3:57, a 3:51, and a 3:47. Hempel and Lee were slightly faster, but experienced some unreliable initial starts to record a pair of 4:00 times. Their last race was a very close 3:48.

The real surprise was the third team, made up of Jeff Gitchell and Mike Giroir just for this contest. Although neither has much F2C experience, their performance was not to be believed. Jeff was never in the wrong place in the circle. No problems with blocking or getting behind center, it was like Jeff wasn't even there in the center. Mike had no wasted motion. He never had to move to catch an airplane, and there was no unnecessary prop flipping. Although they finished their races in no time, they were not able to record scores due to a minor technicality. I'd certainly like to see them have another go in October.

What do Team Racers do on their day off? Fly Sport Jets of course!



When not in the Team Race circle the guys like to fly their jets. Jeff had trouble with his going into orbit, tried flying it out of the pylon but it still misbehaved (note full up). Patrick and Mike had better luck even in the stiff wind.

The Wizard, Bob Whitney, poses with Patrick Hempel at the Dallas Spring Warm up. Bob's model is the upright Nelson powered record holder while Patrick's is inverted OPS powered. The new carbon model was ready to fly but the high winds prevented an attempt.

Flipping props can be hard on your fingers (especially with F2C diesels). The simple solution is to buy a cheapie glove from Harbor Freight and wrap your flippin' fingers with Gorilla Tape. The stuff is really sticky, so make sure you won't need to remove the tape in the future. Bob Whitney uses a leather finger which he wears under a normal glove for pitting (the finger on the glove is cut away). During the madness of competition the glove can be tossed to work on the model but the leather finger protector is still in place for a quick start.

Mike Londke posted these photos on MACA's Facebook page. **Huntersville**
Speed Limit Combat: Mike Londke 1st, Ron Colombo 2nd, and Don Stoneman 3rd
1/2A Combat: Ron Colombo 1st, Mike Stinson 2nd, and Mike Londke 3rd

The Parra T3 is a high quality 2.5cc (.15) sized diesel. The anodized version is the Special which is hand fitted and pretty much ready to go after a few rich runs. There is also a T4 engine which is .19 sized. Diesels have never really caught on here in the USA and now that one of the fuel ingredients (ether) is nearly impossible to buy it's harder to make a case for using one instead of a glow or electric. If you look at Tower Hobbies website you'll see that Davis Diesel fuel is readily available for $12.49 per quart for the standard brew and a little more for fuel suitable for small diesels. Tower usually has a sale with free shipping so that's the time to send in your order. Your Editor recently ordered a couple quarts for his Copeman tuned Oliver Tigre 15 (no, it's not for sale!).

So, if you really want to tinker with a diesel then why not buy something of high quality? Here's the link to Parra's site, there's plenty of other stuff to look at even if you don't want to buy a diesel. http://www.control-line.eu/about-t3--t4-engines.html

2017 Control Line Combat
AMA Nationals and Team Trials
Muncie, Indiana July 15 – 22

NATS Registrations - http://www.modelaircraft.org/events/nats/entryforms.aspx

8 days of combat!

Come for the Team Trials and stay for the national championships

Thr July 13	Fri July 14	Sat July 15
Practice Day	Practice Day Manditory TT Pilots Meeting	F2D[1] Team Trials
No Competition Scheduled		Triple Elim Full F2D Rules

Sun July 16	Mon July 17	Tue July 18	Wed July 19	Thr July 20	Fri July 21	Sat July 22
F2D[1] Team Trials (cont.)	AMA Nats F2D[1]	AMA Nats F2D[1] (cont.)	AMA Nats Event 328: F2D[2] Fast	AMA Nats Event 329: Speed Limit[3]	AMA Nats Event 330: ½ A[4]	AMA Nats Event 328: Fast[5]
Triple Elim Full F2D Rules	Double Elim – Full F2D Rules		Double Elim First Round – Guaranteed Two Matches			

[1] F2D – current FAI rules
[2] F2D Fast – AMA 328 with 2010 or later F2D equipment
[3] Speed Limit – AMA 329, 75mph speed limit, no airframe restrictions
[4] 1/2A – AMA 330 on 42' lines
[5] Fast – AMA 328 "big block" fast combat

Academy of Model Aeronautics
5161 East Memorial Drive
Muncie, Indiana 47302
www.modelaircraft.org

Volunteers Needed! Contact CD: Dave Edwards davee19348@gmail.com 484 899 8017

LANDRES

enjoy your flight

© Claudia Khenen

6th edition DUTCH grand prix

13 -14 July

33th edition grand prix of FRANCE

15 -16 July

ON LINE REGISTRATION ON WWW.F2CMBL.ORG

CONTROL LINE world-cup competition 2017

F2 ABCD-F6 / Summer event

INTERNATIONAL VINTAGE COMBAT

COMBAT

BMFA

CFA

Manchester

Ashton on Mersey

Rugby Football Club

Banky, Sale,

M33 5SL

MAY 27th ~ 29th 2017

ORGANISERS : DARLEY MOOR MAC

http://www.darleymoormac.com

F2A
F2B
54
Coppa d'Oro
2017
Sept
2nd-3rd
FAI
AEROPORTO F. BARACCA
VILLA SAN MARTINO DI LUGO DI ROMAGNA
GPS 44°23'58.0"N 11°51'15.7"E
F2C
F2F
F2D
Information & Registration :
- Aero Club "Francesco Baracca", tel : 0545/76400
fax : 0545/76577, e-mail : info@aeroclublugo.it
- LANZONI Luigi, mobile phone : (+) 39 368 607198
e-mail : llanzoni@racine.ra.it
- PIRAZZINI Elvis, e-mail : elvispirazzini@libero.it
- Adriano, mobile phone : (+) 39 344 108 0991
e-mail : adrieanto@gmail.com

New this year:

F2B included in

Dreiländerpokal!

Three countries – Three contests - One winner

By visiting our three F2A, F2B and F2D contests you do not only score points for the World Cup in Speed, Stunt and Combat but also compete in the ”Dreiländerpokal 2017”.

This year we have added F2B Stunt giving all Aerobatic pilots a chance to take part in ”Dreiländerpokal 2017”. Please note that Bitterfeld is the only venue where F2B have World Cup Status.

Pilots flying all three events will have their World Cup points added and trophies will be awarded to the ones with the three highest scores in each class. All pilots competing in at least two of the contests will receive a Dreiländerpokal Diploma.

Don’t miss this opportunity to get three enjoyable aeromodelling weekends and also meet all your friends. More information can be found at each web page listed below.

Bitterfeld, Germany	29th - 30th of April	www.holger-suchi.de
Karlskoga, Sweden	26th - 28th of May	www.f2d.n.nu
Herning, Denmark	3rd - 4th of June	www.f2d.dk

FM SKYLARKS 61ST ANNUAL CONTROL LINE CONTEST

AMA Sanctioned "AA" Fargo ND, July 28-30, 2017

FOR MORE INFO, CONTACT OUR CONTEST DIRECTORS:
AIMEE 320-492-2810
PAUL 701-237-3901

SCHEDULE OF EVENTS

FRIDAY:

Registration starting at 2pm

Mixed Nuts 2pm to early evening

SATURDAY:

Events Registration 9:00am to 12:00pm
Pilots meeting at 9:15am

Stunt: AMA Precision Aerobatics, Classic Stunt, and Beginner Stunt, will fly 3 flights on Saturday 10:00am until finished. The top percentage of each class will fly off on Sunday from 9:00am until 11:00am.

Speed Limit Combat: 4 rounds beginning at 10am until finished.

Carrier: Profile, Profile Electric, Class I, Class II, and .15 Carrier beginning at 10:00am until 5:00pm.

Club sponsored picnic at 5:30pm.

Balloon Bust: starting right after picnic

SUNDAY:

Chapel Service 8:00am

Stunt Fly off 9:00am until 11:00am
continued in next column…

SUNDAY, continued:

F2D Fast combat: 9:30 until finished. Will try for triple elimination based on number of entries.

Special Slow Rat Race: about 11am

We hope you can join us to celebrate 61 years of control line competition in Fargo, North Dakota!

An Awards Ceremony will follow the last event!

FM SKYLARKS

Entry fee: $30.00, this covers all events
*Refreshments available onsite for purchase

The Field is located in Trefoil Park… 14th Avenue North and Elm Street Fargo ND 58102

The 50mm macro lens doesn't control flare very well when pointed into the sun. We'll just call this photo of Mark Rudner launching a model at the Phoenix F2d contest “artistic.”

The Complaint Desk Has Closed.

The Editor Has Left The Building.

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