

# **CONTROL LINE COMPETITION NEWSLETTER**

**RACING - SPEED - COMBAT - STUNT - CARRIER**

**APRIL 2017  
USA \$17.00**



**Allen Deveuve holds the model while Bobby Mears attaches the streamer during a match between Andy Mears and Alexander Prokofiev. There's a picture of Andy flying Cary Minor later in the newsletter. If you don't have the time or money to go to the World Championships, the twice a year contest in Phoenix is a good substitute. You'll think you just walked into the WC semi final rounds. Great flying!**

# **2017 Whittier Narrows Speed, Combat, & Racing Contest Calendar**

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

**April 8-9 2017**     **Bill Nusz Speed and Herb Stockton Racing and Combat Memorial**  
CD & Speed ED: Jon DeFries 951-420-1780

**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](mailto: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 April, October, and December contests. Fuel shutoffs required in both events.  
Contact Don Jensen for details: [Flyjensen56@verizon.net](mailto: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](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)

**Andrew Nugent:** [Andrew.n5@bigpond.com](mailto:Andrew.n5@bigpond.com)

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

**Goodyear Plans: Doug Mayer:** [douglasmayer58@gmail.com](mailto:douglasmayer58@gmail.com)

**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)

**Hobbypartz:** Cheap source for the ASP S15A which is legal for Sport Goodyear . The engine has been **out of stock for months** but you can keep checking the site.  
[www.hobbypartz.com](http://www.hobbypartz.com) The ASP and its twin, Magnum 15, can be occasionally found on eBay but since the engine is out of production the prices are on the high side. An alternative source is: **Just Engines** [www.justengines.co.uk](http://www.justengines.co.uk) The ASP 15SIL goes for £48.60 (\$61.00) and the ASP S15 C/L Combat is £58.85 (\$73.00). You might not have to pay the 20%VAT which is included but there will be hefty shipping charges from the UK.

**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 engine with proper venturi may soon available from MBS Model Supply.

**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 5:00 p.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 (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                          |

***Remember that 40 grams can be saved not by saving 40 grams someplace but 1 gram in 40 places!      Göran Olsson***

### **Racing results for Feb. 2/12/2017 at Whittier Narrows by Ron Duly**

We welcomed the “Ready and Enthusiastic Racing Team” of Jim Holland and Doug Mayer plus Pete Cunha from upper-California for the day’s events. Jim flew in from England just to enjoy our beautiful mid-70’s California winter weather. Pete also wanted to enjoy actual sunshine as opposed to the wet winter plaguing his hometown. The Callas/Kusik SSR entry seemed to be running very hot and kept quitting on takeoff in practice. Switching from 10-10-10 synthetic fuel to 10-20 castor oil fuel cooled it down for an excellent run. SCAR supplies both blends of fuel for our contests. The Hull/Long B25 powered plane was lapping everyone from the start. An unfortunate pit accident ended their race. Pete Cunha’s entry was powered by an OS25FP WITH MUFFLER! Compared to the other engines it was almost like an electric motor. Pit man had to watch for when it quit rather than relying on the sound.

SCAR Goodyear is alive and well in SoCal. SHOCK!!!! Six teams raced and all posted times. One thing noticed was how loud the OS 15 CVA engines were (especially compared to Pete’s muffled engine). The Enya-powered entry suffered from FOD (dirt in the NVA) for an on-and-off run. Restarts were great, though.

### **Mouse 1**

|               |         |         |
|---------------|---------|---------|
| Kusik/Johnson | 3:55.12 | 6:27.09 |
| Hull/Callas   | 4:39.36 | 6:55.07 |

### **Jr. Mouse**

|             |     |
|-------------|-----|
| Mayer/Mayer | DNF |
|-------------|-----|

### **Super Slow Rat**

|               |         |
|---------------|---------|
| Callas/Kusik  | 7:08.46 |
| Mayer/Holland | 7:46.13 |
| Cunha/Kusik   | 8:34.67 |
| Hull/Long     | 28 laps |

### **SCAR Goodyear**

|               |         |   |
|---------------|---------|---|
| Holland/Mayer | 5:07.79 | Outrageous/Moki                                 |
| Kusik/Johnson | 5:33.53 | Smith kit?/OS CVA                               |
| Hull/Long     | 5:37.19 | Shoestring/OS CVA                               |
| Mayer/Holland | 6:14.75 | Mike Argander/MAKC (?) Russian somethingorother |
| Duly/Johnson  | 6:19.41 | Lil Rebel/EYNA                                  |
| Callas/Hull   | 7:03.71 | Shoestring/OS CVA                               |

### **Texas Quickie Rat**

|                |         |
|----------------|---------|
| Holland/Mayer  | 8:30.05 |
| Callas/Johnson | DNF     |



Two Slow Rats, a Mouse, and the new Enya ABC bushing 15.





Here's Jed Kusik in action with Mike's Brodak 25 powered SSR. Note the San Gabriel Mountains in the background. They were invisible during the early 70's because of the terrible smog. Sorry, no snow in the mountains, it was mid-70's on the field in February. How was it in your area?



**Trivia Question:** Obviously a Nelson but not one that you'd see every day. Who was the F2C team member that did the modifications? Keep guessing, it's not Moose and Squirrel.



# 2017 Waikato Championship Jet Results

## 25-26 February New Zealand by Andrew Robinson

### NASS Sport Jet

|                  | Flt 1  | Flt 2  | Flt 3  | km/h      |
|------------------|--------|--------|--------|-----------|
| Andrew Robinson  | 149.50 | 149.57 | 150.57 | 242.31kph |
| Brendan Robinson | 150.32 | 149.07 | 147.66 | 241.91kph |
| Don Robinson     | 0.00   | 149.57 | 147.00 | 240.70kph |
| Robert Bolton    | 148.33 | 148.82 |        | 239.51kph |
| Brian Howser     | 139.16 |        |        | 223.95kph |
| Rob Wallace      | 130.95 |        |        | 209.22kph |

### NZ Fast Jet

|                  |        |        |           |
|------------------|--------|--------|-----------|
| Andrew Robinson  | 195.88 |        | 315.24kph |
| Brendan Robinson | 182.31 |        | 293.40kph |
| Don Robinson     | 153.48 | 152.48 | 247.00kph |
| Rob Wallace      | 133.63 |        | 215.05kph |

| EVENT   | HEAT RACE    | FINAL RACE | PIT STOPS        | SHUT-OFF | FAST FILL | HOT GLOVE | LINES             | PULL TEST**   | NOTES   |
|---|--------------|------------|------------------|----------|-----------|-----------|-------------------|---------------|---|
| AMA Mouse I   | 50           | 100        | 1/heat - 2/final | OK       | OK        | OK        | .010 x 42 (+6") S | 7.5           | or .012 multi-strand lines  |
| AMA Mouse II  | 70           | 140        | 1/heat - 3/final | OK       | OK        | OK        | .010 x 47' 6" S   | 7.5           | or .012 multi-strand lines  |
| AMA SCALE RACE  | 70           | 140        | 1/heat - 3/final | OK       | OK        | OK        | .014 x 60' * S    | 25            |   |
| AMA SLOW RAT 25   | 70           | 140        | 1/heat - 3/final | OK       | OK        | OK        | .016 x 60' * S    | 35            | .2599 max engine no pressure  |
| B T/R   | 35 and/or 70 | 140        | 0                | OK       | OK        | OK        | .016 x 60' +2" S  | 40            | 1 oz. Tank, .018 stranded   |
| FAI F2C   | 100          | 200        | 0                | OK       | OK        | N/A       | .30mm x 15.92m S  | 30G           | 7 cc tank   |
| FAI F2CN  | 100          | 200        | 0                | OK       | OK        | N/A       | .30mm x 15.92m S  | 20G           | 15 cc tank  |
| NCLRA CLOWN   | 7 1/2 min    | 15 min     | 0                | OK       | NO        | NO        | .015 x 60' *      | 25            | 1 oz. tank, most laps wins  |
| NCLRA FOX & SSR   | 100          | 100        | 2                | NO       | NO        | NO        | .015 x 60' *      | 35            | 2 oz. tank  |
| NCLRA QUICKIE RAT   | 70           | 140        | 1/heat - 3/final | OK       | OK        | OK        | .018 x 60' *      | 35            | .292 venturi  |
| AMA 15 RAT  | 70           | 140        | 1/heat - 3/final | OK       | OK        | OK        | .014 x 60' * S    | 35            |   |
| Formula Unlimited   | 70           | 140        | 1/heat - 3/final | NO       | NO        | NO        | .018 x 60' *      | 40            |   |
| SCAR GOODYEAR   | 100          | 200        | 0                | OK       | NO        | OK        | .012 x 52' 6" * S | 25            | or .015 multi-strand lines, 1 oz. tank, \$150 engine, mono-wheel OK |
| DALLAS GOODYEAR   | 80           | 160        | 1/heat - 3/final | OK       | NO        | NO        | .015 x 52' 6" *   | 25            | 1 oz. tank  |
|   |              |            |                  |          |           |           | S = Solid lines   | Pounds or G's |   |
| Please direct questions or corrections to: <a href="mailto:rduly@earthlink.net">rduly@earthlink.net</a> |              |            |                  |          |           |           | * (length +/- 6") |               |   |

Too many events? There's a survey at the NCLRA site on Stunt Hangar. Voice your opinion.



Andy Mears was the winner of this match with Alexander Prokofiev but Alex ended up 3<sup>rd</sup> in the contest. Cary Minor and Greg Wornell in a non-stop four minute battle. If you have a video recording of another match just watch it in Speed Search mode and you'll get the idea of the intensity of this match. **March Madness Triple Elimination F2d in Phoenix.**



Igor Dementiev demonstrates his ability to fly two F2d models at once and he's able to get cuts with each model. Amazing! Mike "Combat" Willcox has the full repertoire of combat tactics in his pocket. The 2002 F2d World Champion is trying to keep his streamer away from the relentless pursuit of Dave Fischer. Mike is entertaining to watch through a long telephoto lens because of his disappearing act. A competitor thinks he's engaged with him and looks around to find Mike has gone to the other side of the circle.

### **March Madness Triple Elimination F2d in Phoenix, Arizona March 3-5 2017**

The contest started off with double elimination Fast F2d on Friday. As in AMA Fast Combat a string cut (kill) wins the match. There were 27 entries with Andy Minor coming out on top with



Jeff Johnson taking second and Chuck Rudner taking third. Chuck had a chance to take the number one spot but said he just lost concentration toward the end of the contest. A total of 56 matches were flown in the event.

The triple elimination F2d flown over Saturday and Sunday had 34 entries with 105 matches plus 3 reflies on Saturday and 13 on Sunday. There was a very high standard of flying skill. With a little good fortune any one of the 34 entrants could have won and at least 20 could be put in the favorite column. Most of the matches were "clean" compared to what you might see at a World Championship. Taking the whole streamer didn't mean an instant mid-air in hopes of gaining an advantage when the spare model was sent up.

Mark Rudner was untouchable through the contest finishing with no losses. Cary Minor had many outstanding matches and ended up second and Alexander Prokofiev third. The Phoenix group (along with lots of out-of-state help) under the leadership of Lance Matassa put on a very professional contest. They run one contest in November and this one in March. The only downside of the March meeting is that many of the professional baseball teams are in the area for spring training, so hotel rooms are at a premium.



Andy and Cary flew so many good matches that they deserve their picture in the newsletter a second time. It seemed that these guys were either flying or pitting for someone in every other match. You can see a rental van behind Cary's arm that was used by Lester Haury and Allen Deveau. Lots of room inside and if the weather is bad you've got a place to hang out. Lester said the rental price was quite reasonable. Rates for regular minivans are a lot cheaper than they used to be because people are now looking for smaller fuel efficient rentals. Gas prices in Arizona were around the \$2.04 mark, a dollar cheaper than California.



Your Editor couldn't think of a clever title like *Between The Lines*, *From The Handle*, *Round and Round*, etc. So, it'll have to be *Monkey Business* for the miscellaneous section.



Motul oil is a full synthetic that will mix with alcohol and nitromethane. The manufacturer has the usual claims of increased horsepower and unlimited engine life. Looking at comments on the internet it doesn't look like anybody has actually tested the oil against known products. So, here's your chance to see if the oil produces more power and/or can be run at a reduced percentage. Your local motorcycle shop may stock the oil or you can buy it off eBay, I found two liters for under \$50.00 delivered. Yep, that's some expensive snake oil. Even if it's no better than Ucon 731 it is available in Europe for those who detest castor.





Bill Maywald's rack. Hopefully still available, it'll hold two models for your first match plus two more for the reflight. For shipping models Bill suggests running over to FedEx and buying one of their golf club boxes for \$20.00. They hold 10 F2d models and he says it's strong enough to sit on. Contact Bill at: [wmaywald@gmail.com](mailto:wmaywald@gmail.com)



Bob Mears found that pizza racks work for holding model airplanes. They're available on eBay for around \$20.00. Used horizontally they're good for holding the models in the pits or in the limo on your way to the field. In a vertical position they're great for storing models outside the servant's quarters. You do have servants, don't you?



Dave Edwards uses Smart Fab for streamer material. You can buy a 120 foot roll 48" wide from Amazon for just under \$30.00 delivered. Dave pre-wraps the roll with masking tape and cuts it with a very sharp carving knife. He said he tried using a band saw but the material melted. You could fashion a jig out of a couple pieces of lumber to aid in making straight cuts. Forestry tape had been the previous favorite material but is often hard to find in the right colors. Smart Fab probably won't melt into the environment like Forestry tape.



Mike Alurac sent this photo of Larry Renger with his electric Voodette for indoor flying. They have indoor stunt contests for aerobatic models in Europe during the winter.

**PVC** colored covering material. Here's a link to a video on Stunt Hangar with Bob Mears showing how easy it is to cover with the material: <http://stunthanger.com/smf/combats/new-15-fast-design/> You'll need to scroll down 24-25 comments for the video. He says 75 gauge is fine for foam but use 100 gauge for open structure. There's no adhesive on the back of the film so use something like 3M 77 to stick it down. Here's a link to the site that sells the PVC covering: <http://www.uspackagingandwrapping.com/Heat-Shrink-Wrap/PVC-Shrink-Wrap/colored-pvc-shrink-wrap-500-ft.html>

You'll see a few contest flyers toward the end of the newsletter. There would be more but the computer has taken a dislike to certain material turning it into a hopeless mess of symbols and numbers. Here are a few links to the site where you can see all the information as it was intended.



### **St. Louis Lafayette Esquadrille Control Line Club**

Two World Cup F2A events in October. The Spirit of St. Louis World Cup October 5-6 and the Speed Cup of Canada October 7-8 Both held at Buder Park, St. Louis Here's the link: <https://lafayetteesquadrillecl.wordpress.com/lafayette-esquadrille-cl/control-line-contest-st-louis/>

**Northwest Regionals AAA** May 26-28 at the airport in Roseburg, Oregon

Information at: <http://flyinglines.org/>

**Brodak 2017 Fly-In** June 12-17 Carmichaels, Pennsylvania <http://brodak.com/fly-in/>

**THE CLOUD:** Rusty Knowlton edits the Pitts Special which is the newsletter of the Metrolina Control Line Society. For the past ten months he's been sending out the newsletter using Dropbox which is one of those Cloud storage sites, others include *Windows One Drive*, *Google, i Drive, i Cloud, Amazon Cloud, etc.* Sending a newsletter as an attachment can get dicey if the file is very large with internet providers refusing to deliver the newsletter because it's over their limit. Personal in-boxes quickly fill up and normal e-mails get bounced. These Cloud sites offer not only the current newsletter but access to previous ones too. Editors don't have to worry about the size of the newsletter or having to degrade pictures. It's always a shame to take a high quality picture and murder it in order to reduce file size.

This newsletter goes out to nearly 1200 people worldwide and more might like to view it (maybe not) if they could just click on a link on Stunt Hangar or some other web site. Here's the link to the current Pitts Special newsletter, give it a try:

<https://www.dropbox.com/s/vq0zp95wghihae9/3-March-2017-Pitts%20Special.pdf?dl=0>

Rusty says ignore the prompt about signing in (I didn't have to), just click anyplace except for the sign in box. [RknRusty@sc.rr.com](mailto:RknRusty@sc.rr.com)

The next couple pages have rules for Speed and Racing events at the 21<sup>st</sup> Brodak Fly-In. Paul Smith is the Event Director.

## (Revised speed rules for 2017)

### Speed Events

Paul Smith event director.

This year there are three speed events with three awards per event. A contestant may enter Perky Speed and *either* Fox 35 Speed or Sportsman Stunt Speed, but not both. Since there is no BOM, an airplane owner may enter additional models through other contestants.

Models, engines, lines, and pull test will be per **NASS Perky** rules, and **Saint Louis Fox 35 Stunt Speed** rules. **Sportsman Stunt Speed** is a unique new event without rules published elsewhere. This event has been created in response to the need for an event free of engine builders.

A **Sportsman Stunt Speed** model is basically any aerobatic model that can take off from the ground with a stock plain bearing stunt engine of the 35 size. No pressure fuel systems.

A contestant may submit up to three scores per event using any number of models.

Time-permitting, a contestant may make more than three flights per event. The fastest three scores per event will be used.

An airframe and/or engine may be used by only one contestant.

Any flight that completes a mile from a standing start will result in an official score in **Perky** and **Fox 35 Stunt**. **Sportsman Stunt Speed** will use 7 laps, one half mile, from a flying start. It is possible to make more than one timed run during a flight.

Scores will be posted in MPH to the tenth. The event will be held on the paved circle on Wednesday morning. In addition, there may be an opportunity to get some official flights in on Monday and Tuesday. The event will close out at 1 PM Wednesday.

This is a fun speed event, designed to give the flyers a fair chance to work with their models and improve performance. There are no specific times limits or numbers of attempts.

### Lines and Laps.

- Perky: .014" x 52'-6" - 16 laps.
- Sportsman Stunt Speed: .015' x 59'-6" - 7 laps.
- Fox 35: .016" x 60'-0" - 14 laps.

### Fuel

- 10% nitromethane with an assortment of oils; 29%, 23% and 20%

## SPORTSMAN STUNT SPEED

This is a participation event created as an alternative to **Fox 35 Stunt Speed** which is an engine builders' event. The intent is to provide an event that can be flown with stock engines and existing airframes. As such, contestants who have exceeded 90 MPH in Fox 35 Speed or who enter Fox 35 Speed at this contest are excluded.

**Airframes** – This event allows on sport planes with built up or foam airfoil wings and the general configuration of a sport plane and are capable of doing basic aerobatics such as a lazy eight or reverse wingover. The airplane must ROG from a fixed landing gear.

**Engines** - Only stock plain bearing baffled-piston engines of the nominal 35 size are allowed. Since venture size data for the whole world of engines is unavailable, any fixed venturi is permitted. The suction fuel requirement effectively limits choke area. All Johnson and Supertigre engines and Foxes other than the 35 Stunt are excluded.

### Average Speed Award.

In addition to 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> place in each event, there will be one single closest to average award computed from the average of three scores per entry in *TWO* events combined.

---



# LA-25 Sport Race

Event director Paul Smith

## OBJECTIVE:

To compete in three-up 5-mile qualifying races and to earn a place in the 10-mile final race.

## RULES:

The rules will follow those posted on the Toronto Balsa Beavers web site.

[http://www.balsabeavers.com/information/rules/cl\\_rules\\_g03\\_racing.pdf](http://www.balsabeavers.com/information/rules/cl_rules_g03_racing.pdf)

see pages 8, 9, & 10.

This is the same equipment as the 2015 & 2016 100-Mile Races.

## AIRFRAME:

1. Similar to generally-accepted slow combat and sport race rules.
2. 300 square inches of wing area at least 1" thick. 24" fuselage from prop to elevator hinge.
3. The model should be painted to resemble a racer. A canopy outline is required.
4. An airframe and/or engine may be used by only one contestant. A contestant may use more than one airplane and engine to complete the series of races.
5. The **Brodak Hot Shot** is a good off-the-shelf airframe for this event.
6. While at some disadvantage, equipment used in Brodak Foxberg is legal for this event.

## FUEL TANK:

1. Fast fills are prohibited.
2. The tank must be vented to the atmosphere.
3. The tank must be mounted ahead of the wing leading edge and on the outboard side of the fuselage.
4. The tank must be filled through a 1/8 inch o.d. tube. A jet fill attachment is allowable.
5. About 2 ounces has proven to be a good size for this race.
6. 35 laps per tank is the bare minimum needed to complete the race without extra pit stops.

## ENGINE:

1. Must be a stock OS LA-25.
2. Bolts and the backplate may be replaced.
3. An engine disassembly and inspection may be ordered after the race by the C.D. to check for infractions of the rules.

## PROPS:

1. Must be a stock molded plastic 8x6 Master Airscrew, APC, or Tornado.
2. Balancing, drilling, and dulling edges is OK.
3. No modifying of pitch or diameter.

## GENERAL:

1. Hot gloves, hot fingers, and electrical, spring, or mechanical starters of any kind are prohibited.
2. Shut-offs are recommended
3. Lines must be .015 minimum stranded. Line length is 60' +/- 6" measured from the center of the plane to the center of the handle.
4. Pull test will be 35 pounds.



5. Qualifying races are 70 laps (5 miles) one pit stop. There will be a minimum of two attempts and the best score counts.
6. The final is 140 laps (10 miles) with three pit stops.
7. If the engine fails on takeoff and at least one HALF lap is flown the restart *will* count as a pit stop.
8. The fuel will be Ritch's Brew 10% nitro with 5% castor and 15% synthetic oil. Sealed gallons will be available for purchase.
9. An entry is one person with one or more models. A person may assist any number of teams.
10. We will make every effort to run 3-up in every race, including mixing first & second attempts and allowing a third attempt to fill a race.
11. The scheduled time is Thursday morning on the paved circle.
12. Each race will begin with a 30-second start period to allow all engines to be started.
13. We expect that there will be team changes to fill out the crews. The entrant and his model must remain together. Pilots, mechanics and helpers can be changed.



Here's a picture of 1961 National Champion Jim Ribar at a contest in Parrisipany, New York in September 1959. Jim's "Explorer" looks a little tattered but he won the contest. Neil Simpson has been working on combat's "First Twenty Years" for about a year now and there are loads of information and old photos at the New England Combat News site: <http://necn2016.homestead.com/First-Twenty-Years.html> The latest addition is the Rudner family biography.







# 5.4

## Coppa d'Oro

# 2017

**Sept  
2nd-3rd**

**AEROPORTO F. BARACCA  
VILLA SAN MARTINO DI LUGO DI ROMAGNA  
GPS 44°23'58.0"N 11°51'15.7"E**

**Information & Registration :**

- Aero Club "Francesco Baracca", tel : 0545/76400  
fax : 0545/76577, e-mail : [info@aeroclublugo.it](mailto:info@aeroclublugo.it)
- LANZONI Luigi, mobile phone : (+) 39 368 607198  
e-mail : [llanzoni@racine.ra.it](mailto:llanzoni@racine.ra.it)
- PIRAZZINI Elvis, e-mail : [elvispirazzini@libero.it](mailto:elvispirazzini@libero.it)
- Adriano, mobile phone : (+) 39 344 108 0991  
e-mail : [adrieanto@gmail.com](mailto:adrieanto@gmail.com)



# INTERNATIONAL VINTAGE

## COMBAT

# COMBAT



## Manchester

Ashton on Mersey

Rugby Football Club

Banky, Sale,

M33 5SL

MAY 27th ~ 29th  
**2017** |



ORGANISERS : DARLEY MOOR MAC

<http://www.darleymoormac.com>

# 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<br>Mandatory TT<br>Pilots Meeting | F2D <sup>1</sup> 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 <sup>1</sup> Team Trials (cont.) | AMA Nats                     | AMA Nats                 | AMA Nats   | AMA Nats                               | AMA Nats                                       | AMA Nats                        |
|                                      | F2D <sup>1</sup>             | F2D <sup>1</sup> (cont.) | Event 328:<br>F2D <sup>2</sup> Fast              | Event 329:<br>Speed Limit <sup>3</sup> | Event 330:<br>½ A <sup>4</sup>                 | Event 328:<br>Fast <sup>5</sup> |
| Triple Elim Full F2D Rules           | Double Elim – Full F2D Rules |                          | Double Elim First Round – Guaranteed Two Matches |  |  |                                 |

<sup>1</sup> F2D – current FAI rules

<sup>2</sup> F2D Fast – AMA 328 with 2010 or later F2D equipment

<sup>3</sup> Speed Limit – AMA 329, 75mph speed limit, no airframe restrictions

<sup>4</sup> 1/2A – AMA 330 on 42' lines

<sup>5</sup> Fast – AMA 328 "big block" fast combat

*Academy of Model Aeronautics*

5161 East Memorial Drive

Muncie, Indiana 47302

[www.modelaircraft.org](http://www.modelaircraft.org)

Volunteers Needed! Contact CD: Dave Edwards [davee19348@gmail.com](mailto:davee19348@gmail.com) 484 899 8017



## **DMAA Spring Warm-up**

### **Gene Hempel Memorial April 28<sup>th</sup>, 29<sup>th</sup> & 30<sup>th</sup> 2017 Control Line Racing & Speed Site: Samuell Hobby Park**

**Northwest Highway & Garland Rd. Dallas, Texas 75218**

**Class AA AMA Sanction # \_\_\_\_\_ GPS 32.866867, -96.671400**

**Pilots Meeting at 9:30a.m. Friday, Saturday & Sunday**

#### **Friday 04-28**

F2C  
Record Ratio Speed  
NASS Sport Jet  
NASS Perky Speed

#### **Saturday 04-29**

Texas Quickie Rat  
Super Slow Rat  
Sport Goodyear  
Record Ratio Speed  
NASS Sport Jet  
NASS Perky Speed

#### **Sunday 04-30**

AMA Goodyear  
Class I Mouse  
Goldberg  
Record Ratio Speed  
NASS Sport Jet  
NASS Perky Speed

**Speed events all three days. All events are (JSO). Helmets required for racing pit crews.**

**Entry Fee: \$15 first event, \$5 each additional event, \$25 maximum.**

**Contest Director: Patrick Hempel  
For additional info. Contact  
Email: [ptrckhem@aol.com](mailto: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](http://www.dmaa-1902.org)**







***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  
Karlskoga, Sweden  
Herning, Denmark

29<sup>th</sup> - 30<sup>th</sup> of April  
26<sup>th</sup> - 28<sup>th</sup> of May  
3<sup>rd</sup> - 4<sup>th</sup> of June

[www.holger-suchi.de](http://www.holger-suchi.de)  
[www.f2d.nu](http://www.f2d.nu)  
[www.f2d.dk](http://www.f2d.dk)



# LANDORES

enjoy your flight



**Grand Est**  
ALSACE CHAMPAGNE-ARDENNE LORRAINE

**MEURTHE & MOSELLE**  
CONSEIL DÉPARTEMENTAL



© Claudia Khenen

6<sup>th</sup> edition  
**DUTCH**  
grand prix  
13 -14 July

33<sup>th</sup> edition  
grand prix of  
**FRANCE**  
15 -16 July

ON LINE REGISTRATION ON [WWW.F2CMBL.ORG](http://WWW.F2CMBL.ORG)

**CONTROL LINE**  
world-cup competition

**2017**

F2 ABCD-F6 / Summer event

**The Complaint Desk Has Closed**

**The Editor Has Left The Building.**