

New England Combat News

VOLUME 24 NUMBER 12 MAY 2013
THE CONTROL LINE COMBAT NEWSLETTER OF NEW ENGLAND



Now Celebrating our 24th year of Publication



Jake Vader

2012 Sportsman Division Season Champ

2013 Schedule

(all events still very tentative-there will be adjustments)

14-Apr	Middlesex, NJ Speed Limit and single elimination 1/2A		
21-Apr	GX Icebreaker	GX	Wrentham, MA
28-Apr			
5-May	GX Shootout	GX	Wrentham, MA
12-May	Mothers Day		
18&19-May	NEST Spring Fly In (control line stunt)		Wrentham, MA
18-May	Gil's Combat Meet-Saturday Contest Speed Limit and single elimination 1/2A		Hershey, PA
26-May	Wingbuster Spring Championship	GX	Halifax, MA
2-Jun	Eastern Mass Invitational	F2D	Halifax, MA
9-Jun	Brodak Week-June 11th to 15th		
16-Jun	Brodak Week-June 11th to 15th		
23-Jun	Len Minick Memorial	GX	East Hampton, CT
30-Jun	Wingbuster Summer Sizzler	F2D	Halifax, MA
7-Jul			
13&14-Jul	F2D Team Trials		Muncie, Indiana
15to20th-Jul	Nats Week-July 15th to 20th		Muncie, Indiana
21-Jul			
28-Jul	Wingbuster Summer Classic	GX	Halifax, MA
4-Aug	East Coast Championships		Hershey, PA
11-Aug	Wingbuster CL Stunt Fun Fly		Halifax, MA
17&18-Aug	Lee Stunt Contest		Lee, MA
18-Aug	Central Mass Championships	GX	E.Brookfield, MA
25-Aug	Salmon River Shootout	GX	East Hampton, CT
1-Sep	New England Championships	GX	Halifax, MA
7-Sep	Sanford Jet Rally	GX	Sanford, ME
7&8-Sep	Mass Cup Stunt Contest		Wrentham, MA
15-Sep	Middlesex, NJ Speed Limit and single elimination 1/2A		
22-Sep			
29-Sep	Wingbuster Fall Championship	GX	Halifax, MA
5&6-Oct	NEST Fall Profile Stunt		Wrentham, MA
5-Oct	October Air War-Saturday Contest Speed Limit and single elimination 1/2A		Vincentown, NJ
6-Oct	Wingbuster Shootout	F2D	Halifax, MA
13-Oct	Fall Finale Combat Tournament	GX	Halifax, MA
20-Oct	Eastern Mass Championship	F2D	Halifax, MA
27-Oct	Fall Fly-Off post season contest	GX	Halifax, MA

For more info contact:

Neil Simpson 129 Podunk Road East Brookfield, MA 01515

Phone: 508-867-8702

E-mail: podunk129@charter.net

FROM THE EDITOR: New England Combat News exists, not to make a profit, but rather, to promote control line combat in New England. It is distributed without charge to those readers who participate in New England combat contests or who support these contests through donations to the New England contest fund. The subscription rate is \$10.00/year for people who do not meet the above criterion. If you have information you would like to see in this newsletter please call or write:

NEIL SIMPSON 129 PODUNK ROAD EAST BROOKFIELD, MA 01515
PHONE: 508-867-8702 (Home after 6:00pm) E-MAIL: podunk129@charter.net


If you make a donation or if you subscribe to this newsletter make the check payable to NEIL SIMPSONDonations go into the New England Contest Fund and are used to cover the cost of running New England control line combat contests. IF YOU WANT TO RUN A CONTROL LINE COMBAT CONTEST IN NEW ENGLAND AND YOU NEED HELP (FINANCIAL OR OTHERWISE) CALL OR WRITE NEW ENGLAND COMBAT NEWS. We want to continue to help make New England a "Hot Spot" for control line combat. New England Combat News is your newsletter-USE IT. Control line combat is your sport-PROMOTE IT.

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F2D News**
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Yankee Nipper full size plans
Plans show hopper hard tank but can easily be set up with bladder fuel system - \$12.00 ea

Yankee Nipper pine center ribs - as shown on plans (3/4" white pine) in case of broken wing cores, simply cut old ones off and re-core - \$5.00 ea

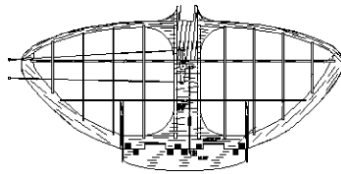
From time to time, I have other items in stock – needle valve assemblies, props, bellcranks etc.

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Combat DVD's

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Mike Willcox
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Kingwood, TX 77339
EMOWILLCOX@AOL.COM

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F2D News - April 2013

Mark Rudner

rudner@mit.edu

For many around the world, the 2013 combat season is already in full swing. In New England, the season will kick-off on the 21st with some Formula GX action. My season is set to start one week later, at the Avios Cup in Aleksin, Russia. Despite the winter hanging tough around here, I've had a few chances to practice in the last several weeks to get tuned up (last weekend, we flew in between sleet showers...). It should be a very tough and exciting contest; look for a report on it next month.

The first item on the agenda this month is about the new rules. After the Phoenix March Madness contest, it came to my attention that the new rules are a bit ambiguous concerning the conditions under which a match can be stopped. In particular, it is not explicitly stated whether or not both pilots must be in the air in order for the match to end due to either 1) both pilots having no streamer left or 2) one pilot having no streamer left and declaring that he/she wishes to cease combat. I checked around, and the consensus is that *both pilots must be in the air* in order for the match to be terminated before the 4 minute time period expires. This is a very reasonable interpretation, and in the end seems like it is the most fair way to implement the rule. Anyway, this is something to keep in mind for upcoming contests.

The second item on the agenda is to report a breakthrough in my experiments with an electric-powered F2D model. Over Christmas, I picked up a selection of new motors (more power!), with the aim of getting the performance closer to that of a state-of-the-art F2D model. It took quite some time until I had the chance to test any of them, but finally an opportunity presented itself two weeks ago so I gave it a go. The motor that I tested is an NTM Prop Drive 3536 (1800 KV), available online from Hobby King for \$18. Expecting it to turn something in the low 20,000 RPM range, I tried one of my old custom 7.5" x 6.5" Fast combat props. This was the prop that worked best on all of my previous test with a less powerful motor, so it seemed like a reasonable place to start. How did it run? Like a champ! Out of the box, it turned in 22.4 seconds for 10 laps, which is right about 100 mph. That's easily competitive with the best Foras out there. Although the plane was a bit heavy (I don't have a scale to weigh it now, but I estimate about 40 g heavier than its internal combustion counterpart with a full bladder), this little guy put out tons of power and it felt surprisingly great through the turns. You can see a video of the maiden voyage here: <http://www.youtube.com/watch?v=ELb8PzgJMrc> (or just go to YouTube and search for electric F2D). My impression is that it was actually a bit over-propped. Unfortunately I haven't had time to test any other props yet, but I expect we can get it even better (planning to try a 7" x 6.5" next). Speed is no longer an issue (this is plenty fast), so now the goal is to optimize for efficiency.

For me, this is a major milestone in the project. We have now reached the level where the electric model is competitive against today's top equipment. Run time is still an issue, of course. With the battery I'm using now, I can get about 1.5 minutes per charge. This is where efficiency comes in -- by working with props I hope to extend this out to 1:45 or 2 minutes. We could go to a bigger battery to get more time, as well. That will add weight, but actually it feels like there's enough power here to carry it if we go to a slightly bigger model. So far, I'm just using a standard model from a few seasons ago, with slight modifications to accommodate the battery and speed controller.

Even without increasing the size/weight, the current setup opens many new opportunities for practice. The flight in the video that I linked to above was made in a park just behind my office. There's no way I could run a Fora in that park, but the electric model seems to generate more excitement than complaints from onlookers (so far no complaints, knock on wood). This means, if time permits, it would be possible to put up a few 1.5 minute long training flights every day after work with minimal setup and cleaning time (no greasy sludge left behind on the model or me/you). Since the motor can be started remotely, the self-launching setup is trivial as well (any short ramp that points the plane up at a slight angle will do, perhaps even the side of a pitbox). This could have many benefits for sharpening one's flying skills, and also for increasing exposure to the public. At this point, anything we can do to drum up interest in control line would be a big help to the hobby. I hope others will start thinking about pursuing this technology as well. If you're interested, just email me and I'll be happy to share everything I've learned so far and all of the details about the components I've tested.

Okay, now get off the internet and start flying!

A Message from the MACA President

Neil,

First, thanks for continuing to produce a fine newsletter and for contributing to MACAnews. It is hard to produce a newsletter without any news! I am writing to ask a favor. MACA membership is doing fairly well in the last couple years, and we want keep that trend going. I would like to keep that membership at the 60 that we had last year if possible, but we are missing a few people. Would it be possible for you include an extra line about MACA accepting payment through paypal in your next newsletter?

We also need to get the word out about the team trials and the NATS. From now on the AMA will be holding us to a certain standard in order to remain a fully funded team. This means that we need a minimum of 38 entries at the team trials or we only get 50% of the funding that we get now per pilot. On top of that, they will no longer fund ANY mechanics. This is a significant blow to our international team efforts. I know there are several guys in the NE area that have flown F2D. It would be nice if we could see some of them at the team trials and nationals.

If you would like, I could send a little something to include in the newsletter about both topics, or you could just give a small mention. Thanks for your continuing contributions to the community.

James McKinney

2013
Eastern Mass
Invitational

Wingbuster Club Field Halifax, MA
June 2nd, 2013

F2D Combat –Mark’s Single Airplane Rules
Prizes for top three
First Match 10:00 am AMA Sanctioned

Rumors Facts Etc

CONTEST FUND: This month we received a very nice donations from Barry Baxte and Larry Scarinzi. Thank you gentlemen.

DATE CORRECTION: Phil Cartier sends word that “Gil’s Combat Meet” in Hershey, PA, which we had listed in our schedule as May 19th, is actually going to be held on Saturday May 18th.

2013

GX Shootout

Wrentham, MA May 5th , 2013

Formula GX Combat

Prizes for top two plus 1st Sportsman

First Match 10:00 am AMA Sanctioned

2013

Wingbuster Spring Championship

Wingbuster Club Field Halifax, MA

May 26th , 2013

Formula GX Combat

Prizes for top two plus 1st Sportsman

First Match 10:00 am AMA Sanctioned



Wingbuster Summer Sizzler

**Wingbuster Club Field
Halifax, MA
June 30th, 2013**

**F2D Combat-Single Airplane Rules
Prizes for top three
First Match 10:00 am
AMA Sanctioned**



2013 Len Minick Memorial Combat Challenge

**Salmon River State Forest
Located on Route 16 Approximately
halfway between Routes 149 and 196**

**East Hampton, CT
June 23rd, 2013**

**Formula GX Combat Four Rounds
Prizes for 1st and 2nd plus first in Sportsman
First Match 10:00 am AMA Sanctioned**

New England Contest Fund

9/1/2012 through 4/20/2013

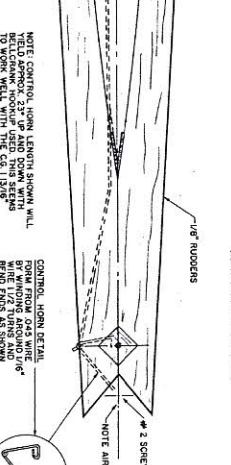
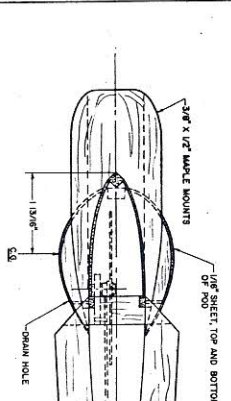
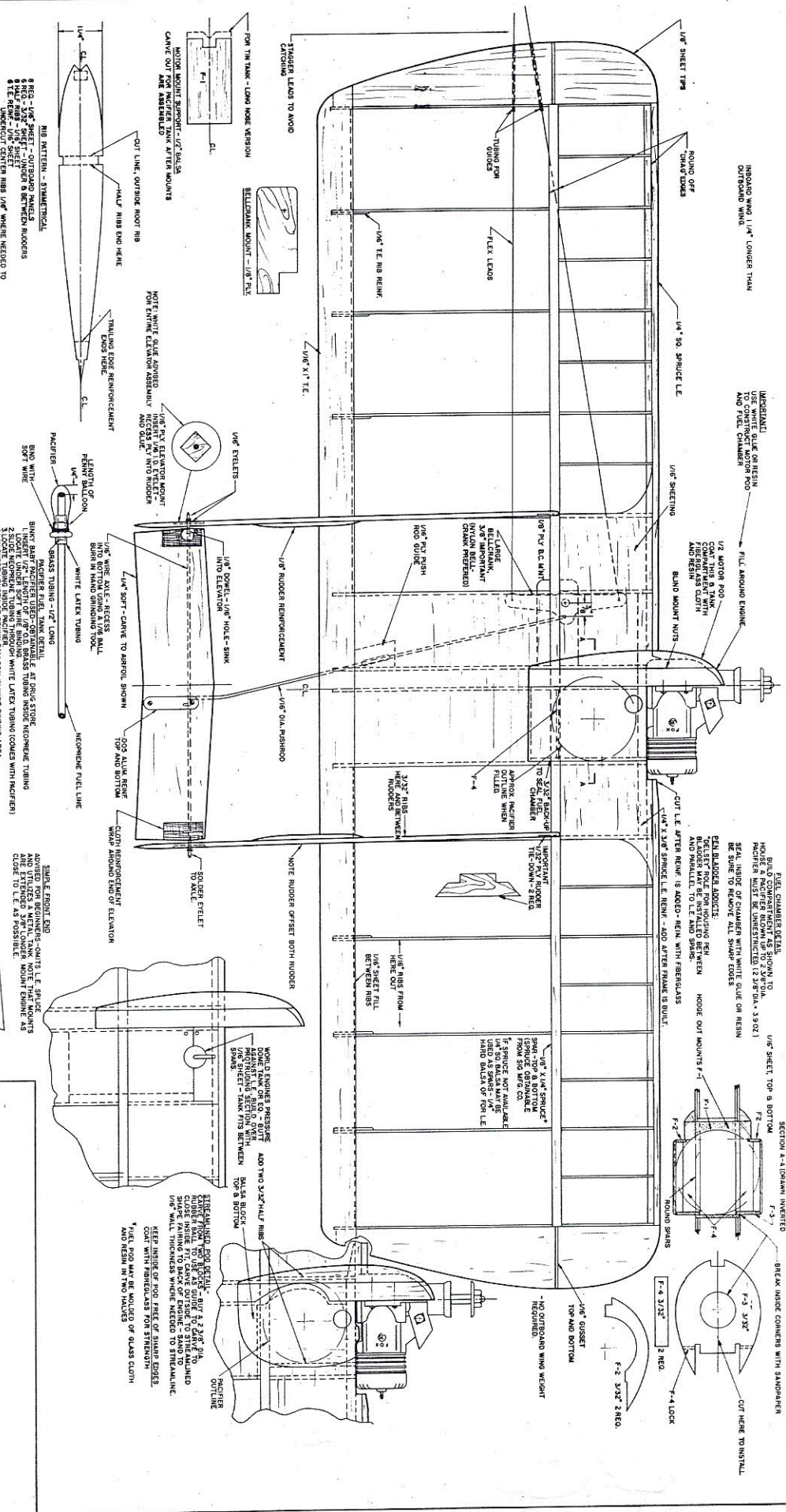
4/19/2013

Page 1

Date	Description	Category	Amount
BALANCE 8/31/2012			869.00
9/8/2012	Horizon Air Meet	Trophy Expense	-6.00
9/16/2012	Wingbuster Invitational	Permit-Sanction Expense	-20.00
9/16/2012	Wingbuster Invitational	Trophy Expense	-4.00
9/16/2012	Wingbuster Invitational	Entry Fees	120.00
9/16/2012	Chris Sarnowski	Contribution	5.00
9/16/2012	Rick Clark	Contribution	35.00
9/23/2012	Canceled NH Contest	Permit-Sanction Expense	-25.00
9/30/2012	Wingbuster Model Airplane Club	Donation Expense	-250.00
10/7/2012	Canceled Leominster Contest	Permit-Sanction Expense	-25.00
10/9/2012	Larry Scarinzi	Contribution	20.00
10/14/2012	New England Championships	Entry Fees	240.00
10/14/2012	New England Championships	Trophy Expense	-315.00
10/14/2012	New England Championships	Permit-Sanction Expense	-20.00
10/14/2012	Chris Sarnowski	Contribution	10.00
10/14/2012	Brian Stas	Contribution	10.00
10/14/2012	Joe Fustolo	Contribution	20.00
10/21/2012	Fall Finale	Entry Fees	105.00
10/21/2012	Fall Finale	Permit-Sanction Expense	-20.00
10/21/2012	Fall Finale	Trophy Expense	-6.00
10/28/2012	Wingbuster Shootout	Entry Fees	75.00
10/28/2012	Wingbuster Shootout	Permit-Sanction Expense	-20.00
10/28/2012	Wingbuster Shootout	Trophy Expense	-6.00
11/4/2012	Season Ending Awards	Trophy Expense	-344.00
11/4/2012	2012 Season End Hats	T-Shirt-Hat Expense	-143.00
11/4/2012	Fall Fly-Off	Permit-Sanction Expense	-20.00
11/4/2012	Fall Fly-Off	Trophy Expense	-6.00
11/4/2012	Fall Fly-Off	Entry Fees	165.00
11/4/2012	Rick Clark	Contribution	5.00
11/4/2012	Joe Fustolo	Contribution	5.00
11/11/2012	Eastern Mass Finale	Entry Fees	105.00
11/11/2012	Eastern Mass Finale	Permit-Sanction Expense	-20.00
11/11/2012	Eastern Mass Championships	Trophy Expense	-8.00
11/11/2012	Chris Sarnowski	Contribution	15.00
11/21/2012	2012 Streamers (366qty)	Streamer Expense	-69.00
11/23/2012	Streamer String (6 Rolls)	Streamer Expense	-16.00
1/5/2013	Will Rogers	Contribution	100.00
2/5/2013	Len Thibault	Contribution	50.00
3/2/2013	Chip Giordano	Contribution	25.00
3/27/2013	Barry Baxter	Contribution	14.00
4/14/2013	Larry Scarinzi	Contribution	20.00
9/1/2012 - 4/20/2013			-199.00
BALANCE 4/20/2013			670.00
TOTAL INFLOWS			1,144.00
TOTAL OUTFLOWS			-1,343.00
NET TOTAL			-199.00

Larry Scarinzi's "Blitz" 1964

Full Size plans available from: Barry Baxter 3929 Greenleaf Drive Brea, CA 92823



Larry Scarinzi's "Blitz"

DESIGNED BY LARRY SCARINZI DRAWN BY JOSEPH W. HANCOCK

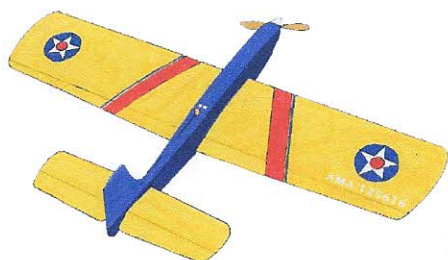
NOTE: CONTROL HORNS (ENTIRE SHOWN) WILL YIELD APPROX. 22" UP AND DOWN WITH 1/8" FUEL TANK AND DOWN WITH 2 1/2" FUEL TANK. BEHIND THE L.E. ATTACHMENT OF C.G. IS IMPORTANT AND NAVY SHOWN WITH CONTROL HORNS WITH 2-56 BOLTS ATTACH WITH 2-56 BOLTS

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- NAVY CARRIER — Profile, Class I, Class II, .15 and Nostalgia (Profile and Class I-II), Sport 40!
- RACING — Mouse I, NW Sport, NW Super Sport, NW Clown!
- SCALE — Precision, AMA Sport Scale and AMA Profile Scale!
- SPEED — 1/2-A, 1/2-A Proto, A, B, D, FAI, Jet, Formula 40, .21 sport, .21 Proto, NW Sport Jet, F2D Proto and Northwest C Speed!

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