# New England Combat News VOLUME 23 NUMBER 9 FEBRUARY 2012

THE CONTROL LINE COMBAT NEWSLETTER OF NEW ENGLAND



# Now Celebrating our <u>23nd</u> year of Publication



**Brian Stas** wins 2011 Most Improved GX Pilot Award











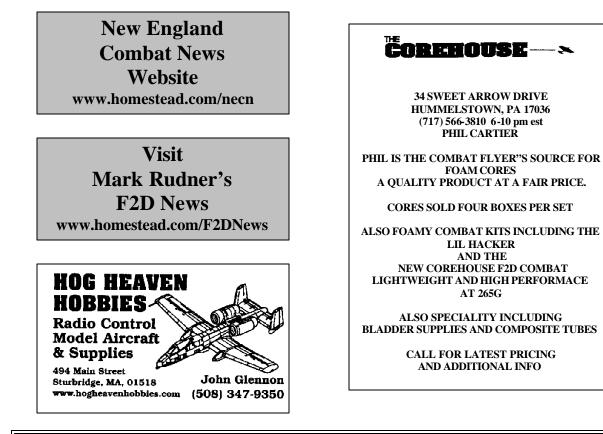


	2011 F2D Season Re-Cap 5 Contests	
5/29	Wingbuster Spring Kick-Off-Middleboro, MA	Mark Rudner
7/17	Wingbuster Summer Sizzler-Middleboro, MA	Neil Simpson
8/6	New England Cup of F2D-Kingston, MA	Andrey Nadein
9/18	Eastern Mass Championships - Middleboro, MA	Mark Rudner
10/23	Wingbuster Shootout -Middleboro, MA	Jeff Vader

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) EMAIL: podunk129@charter.net

If you make a donation or if you subscribe to this newsletter make the check payable to NEIL SIMPSON ......Donations 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 CONTROLLINE 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.



# NOW AVAILABLE

A new stock of Delrin venturies and metal motor mounts

Venturies are complete with "O" ring and will fit a variety of engines available in .250 (1/4") bore, but I will bore to any size you like - \$10.00 ea

Metal motor mounts-made from 60/61 T6 drilled for 4/40 engine bolts and for 6/32 mounting, step down fits small case engines (OS32-OS25's), step up fits large case (FP40-LA40-Fox36) Besides fitting many engines it's easy to make adjustments (engine offset and engine incidence), they will last just about forever - \$10.00 per pair

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.

Always include \$5.00 for priority mail

Contact: Jim Carpenter 4L Arrow Drive Salem, NH 03079 603-898-3134 OldRustyLines@aol.com



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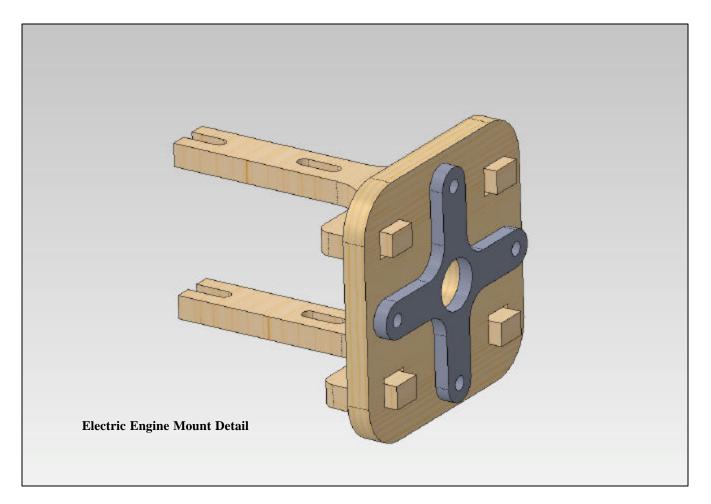
### F2D News - January 2012 Mark Rudner rudner@mit.edu

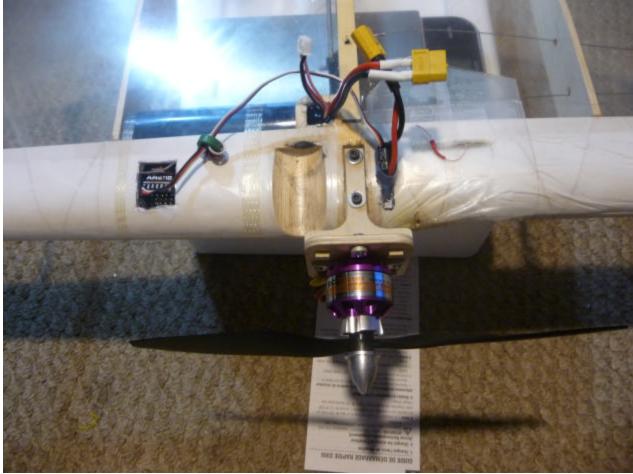
Happy New Year! For those who read the December 2011 installment of the F2D News, you had a chance to read about my brief exposure to electric combat in Germany this Fall. To summarize, Lothar and the Germans have been working hard to develop electric combat. For them, it's a matter of necessity as viable flying sites are growing nearly impossible to find due to noise problems. I was pretty skeptical before seeing it for myself, but was actually rather pleasantly surprised with what I found. Although the performance of the models I saw wasn't there yet to compete with a modern F2D ship, it was actually comparable to what one might find in 80 mph or GX. However, the range of electric equipment (motors, batteries, speed controllers) available on websites like www.hobbyking.com is so vast and evergrowing that there is almost unimaginable room for experimentation and improvement/optimization.

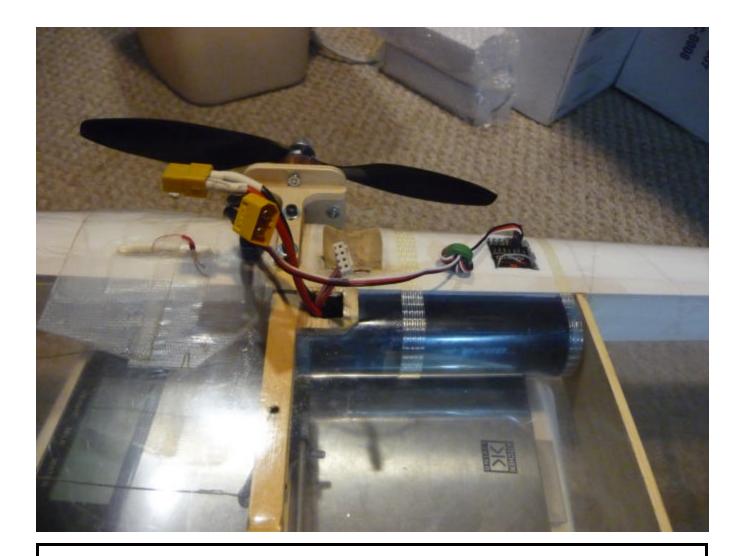
I'm sure there will be some resistance, but I think the time may be ripe to start playing with electric as a viable alternative to internal combustion based propulsion for combat. Many top stunt pilots have already switched to electric, so why not allow it to be tried in combat? We all know and love our methanol and nitro burning engines, but if it turns out that there may be something with even better performance out there, it would be a shame to miss it.

On my way back into the states, I stopped by Alex Prokofiev's house over Christmas weekend. Recently he's been busy building electric multicopters, and had a random selection of electric components laying around. To get the ball rolling, we decided to put together and test an electric setup on an F2D model (see photos). Of course the combination of motor, battery, prop and speed controller that we happened to have on hand was way out of spec for what we need, but as a proof of concept the experiment was quite successful. After drawing up and cutting out a radial mount which would allow a wide variety of electric motors to be fit onto a standard F2D mount block, it took under an hour to get the battery installed into the bladder compartment, and speed controller and receiver (temporarily used for throttle) embedded in a slot in the leading edge. Amazingly, the center of gravity came out right on. From here, it will be easy to pick out a list of promising motors, props, and batteries to get into a good power/economy regime. At 20 bucks or so per motor, it's not a huge investment to try a handful of powerplants. If one could be happy with a short flight of say 1 minute or 1 minute and 30 seconds, I'm pretty confident that the performance of a good F2D ship could be matched already.

While we were preparing the model, Alex made an interesting suggestion. Why not run some contests where we allow electric to be flown against normal models? No restrictions. Any battery, motor, speed controller you want. Combat pilots are an amazingly creative bunch, and with the potential for gaining a performance advantage hung out there I think that this kind of unlimited freedom could really spur development. Maybe those F2D-Fast events which are being held around the country would be a perfect testing ground for this. Or in 80 mph/GX. We could try it in local F2D contests as well. Eventually, if the performance of electric models gets ahead, we can start thinking about some suitable specifications on the motors and batteries, and consider whether to merge electric in like in stunt or split it off as its own event, but until then we can let anything fly. Personally, I think it's a great idea. Of course we can't do it in big official contests like the Team Trials, but I see no reason not to try it in local contests to promote the development of the technology. If anyone decides to do some tests I'll be quite interested to hear the results!







# **Rumors Facts Etc**

CONTEST FUND: We received a very generous donation from friend and fellow competitor, Mister Will Rogers. Thank you Will.

MACANEWS: MACAnews is back thanks to the willingness of fellow New Englander, Chris Sarnowski, to accept the challenge of being the editor of the MACA newsletter. Thank you Chris, on behalf of combat flyers everywhere. The premier issue has been e-mailed to the current MACA members and the plan is for it to be also available as a download at the MACA website.

MACA: The current group of MACA officers are working hard to breathe new life into the organization and combat in general. The time is "now" to support their efforts by sending in your 2012 membership fee. Support the newsletter, as well, with articles and contest reports. The premier issue is great reading. It can continue to be great if we support Mister Sarnowski's efforts by supplying him with material.

NATS: Speaking of breathing life back into things, Chris Gay, again this year, is cd'ing the "Nats". The 2012 Nationals has a chance to be the best attended "Nats" in a long time. I encourage my fellow New Englanders and readers everywhere to support Chris' efforts through your participation. I sincerely believe for combat to flourish the nationals needs to be restored to a place of prominence. The event that everyone attends. We can all help make that happen by making the trip to Muncie in 2012.

#### 2011 Regular Season Points Championship

(final stats)

	Total	Total		
	Accum	Possible		
Name	Points	Points		Percent
Fustolo, Joe	27		30	900
Simpson, Neil	74		90	822
Stas, Brian	74		90	822
Stas, Matthew	16		20	800
Vader, Jeff	47		60	783
Sarnowski, Chris	39		60	650
Sherman, Dick	44		70	629
Kubek, Paul	31		60	517
Sherman, R "Sherm"	30		60	500
Vader, Jake	27		60	450
Simpson, Glenn	38		90	422
Seymour, Lloyd	4		10	400
Carpenter, Jim	0			0
Lord, Dana	0			0
Parizo, Dave	0			0
Seymour, Kevin	0			0
Position in the season point	standings is determin	ed by the		

Position in the season point standings is determined by the percentage column. The formula to determine percentage is total points accumulated divided by total possible points. Points are awarded in descending order for the first ten places in each contest (1st Place = 10pts, 2nd Place = 9pts etc.) Total possible points is the number of contests participated in multiplied by ten. Participation in no less then 50% of the New England regular season GX meets is the eligibility

requirement for a season championship award.

			Regular Seas	son Formula	GX Stats		
	2010	2010	2011	2011			
Name	Meets	Ave	Meets	Ave	<u>% Imp</u>	Mid #	<u>Mid %</u>
Fustolo, Joe	5	1844	3	1922	4.2%	0	0.0%
Simpson, Neil	9	2127	9	1871	-12.1%	5	13.9%
Stas, Brian	8	1691	9	1983	17.3%	3	8.3%
Stas, Matthew	2	1748	2	1950	11.6%	1	12.5%
Vader, Jeff	6	1882	6	1778	-5.6%	4	16.7%
Sarnowski, Chris	6	1741	6	1637	-6.0%	4	16.7%
Sherman, Dick	8	1629	7	1694	4.0%	5	17.9%
Kubek, Paul	8	1513	6	1591	5.1%	5	20.8%
Sherman, R "Sherm"	8	1590	6	1576	-0.9%	1	4.2%
Vader, Jake	5	1359	6	1485	9.3%	1	4.2%
Simpson, Glenn	7	1321	9	1276	-3.4%	5	13.9%
Seymour, Lloyd	2	2053	1	1435	-30.1%	0	0.0%
Carpenter, Jim	1	1630				0	
Lord, Dana	1	1335				0	
Parizo, Dave	1	1845				0	
Seymour, Kevin	2	1255				0	

Eligibility for "Most Improved Pilot" awards rests with participation in 50% of both the prior and current year New England Formula GX contests.

20% improvement earns an award. If no pilots achieve 20% improvement a single award is presented to the pilot with the highest positive improvement.

### Brian Stas 2011 Most Improved Pilot





**Glenn Simpson and Brian** 



Jeff Vader and Brian



**Brian and Paul Kubek** 



**Brian and Matt Stas** 



When Joe Fustolo won this year's New England Championships he added his name, for the third time, to a distinguished list of former winners (complete history of the event can be found below)

### The History of The New England Championships

	Date	Winner	Contestants	
1	September 9, 1990	Glenn Simpson	12	
2	September 8, 1991	Gerry Pompeii	5	*Separate Expert Event
	September 8, 1991	Len Minick	12	*Separate Advanced Event
3	September 6, 1992	Neil Simpson	17	
4	September 5, 1993	Edward Blair	15	
5	September 4, 1994	Lloyd Seymour	18	
6	September 3, 1995	Neil Simpson	20	
7	September 1, 1996	Joe Fustolo	13	
8	August 31, 1997	Dana Lord	13	
9	September 6, 1998	Neil Simpson	16	
10	September 5, 1999	Roy Glenn	20	
11	September 3, 2000	Lloyd Seymour	14	
12	September 2, 2001	Louis Lopez	16	
13	September 1, 2002	Roy Glenn	16	
14	August 31, 2003	Lloyd Seymour	16	
15	September 5, 2004	Lloyd Seymour	15	
16	September 4, 2005	Dick Sherman	12	
17	September 3, 2006	Brian Stas	10	
18	September 2, 2007	Neil Simpson	12	
19	August 31, 2008	Roy Glenn	15	
20	September 6, 2009	Joe Fustolo	11	
21	October 17, 2010	Jeff Vader	11	
22	September 4, 2011	Joe Fustolo	9	

# **2012 Schedule**

( some events and dates still tentative )

	( some events and dates sum ten	lauve)	
15-Apr			
22-Apr	107th RC Flyers GX Icebreaker	GX	Saugus, MA
29-Apr			
6-May	Granite State Invitational	GX	Franklin, NH
13-May	Mothers Day		
19&20-May	NEST Fun Fly (control line stunt )		Wrentham, MA
20-May	Gil's Combat Meet		Hershey, PA
	Single elimination 1/2A and Speed Li	i <b>mit</b>	
27-May	Wingbuster Spring Kick Off	F2D	Middleboro, MA
3-Jun	Granite State Championships	GX	Franklin, NH
10-Jun	Brodak Week-June 12th to 16th		
17-Jun	Brodak Week-June 12th to 16th		
24-Jun	Len Minick Memorial	GX	East Hampton, CT
1-Jul	Wingbuster Summer Sizzler	F2D	Middleboro, MA
8-Jul	Eastern Mass Invitational	GX	Middleboro, MA
15-Jul	Nats Week-July 16th to 21st		
22-Jul	Nats Week-July 16th to 21st		
29-Jul	Wingbuster Summer Fly Off	GX	Middleboro, MA
4&5-Aug	Lee Stunt Contest		Lee, MA
5-Aug	East Coast Championships		Hershey, PA
	Single elimination 1/2A and Speed Li	i <b>mit</b>	
12-Aug			
19-Aug	Central Mass Championships	GX	E.Brookfield, MA
26-Aug	Salmon River Shootout	GX	East Hampton, CT
2-Sep			
7&8-Sep	Mass Cup Stunt Contest		Wrentham, MA
8-Sep -saturday	Maine Jet Rally	GX	Sanford, ME
16-Sep	Wingbuster Invitational	F2D	Middleboro, MA
23-Sep			
30-Sep	New England Championships	GX	Middleboro, MA
6-Oct -saturday	October Air War		Vincentown, NJ
-	Single elimination 1/2A and Speed Li	i <b>mit</b>	
7-Oct	North County Shootout	GX	Leominster, MA
14-Oct	Eastern Mass Championships	GX	Middleboro, MA
21-Oct	Fall Finale	GX	Middleboro, MA
28-Oct	Wingbuster Shootout	F2D	Middleboro, MA
4-Nov	Wingbuster Fall Fly Off	GX	Middleboro, MA
	For more info contact.		

For more info contact: Neil Simpson 129 Podunk Road East Brookfield, MA 01515 Phone: 508-867-8702 E-mail: podunk129@charter.net

### New England Contest Fund

8/1/2011 through 1/18/2012

Date	Description	Category	Amount
LANCE 7/31/2	2011		278.0
8/14/2011	Salmon River Shootout	Trophy Expense	-54.0
8/14/2011	Salmon River Shootout	Entry Fees	75.0
8/18/2011	Chris Sarnowski	Contribution	25.0
9/5/2011	New England Championships	Entry Fees	270.0
9/5/2011	New England Championships	Raffle Prize Expense	-45.0
9/5/2011	New England Championships	Trophy Expense	-297.0
9/5/2011	New England Championships	T-Shirt Expense	-218.0
9/5/2011	New England Championships	Permit-Sanction Expense	-195.0
9/5/2011	Neil Simpson	Contribution	195.0
9/11/2011	Wingbuster Invitational	Trophy Expense	-54.0
9/11/2011	Wingbuster Invitational	Entry Fees	135.0
9/11/2011	Wingbuster Invitational	Permit-Sanction Expense	-25.0
9/18/2011	Eastern Mass Championships	Trophy Expense	-54.0
9/18/2011	Eastern Mass Championships	Entry Fees	75.0
9/18/2011	Wingbuster Model Airplane Club	Donation Expense	-150.0
9/18/2011	Eastern Mass Championships	Permit-Sanction Expense	-25.0
10/2/2011	Fall Finale	Trophy Expense	-54.0
10/2/2011	Fall Finale	Permit-Sanction Expense	-195.0
10/2/2011	Neil Simpson	Contribution	195.0
10/2/2011	Fall Finale	Entry Fees	90.0
10/9/2011	North County Shootout	Trophy Expense	-54.0
10/9/2011	North County Shootout	Entry Fees	135.0
10/9/2011	North County Shootout	Permit-Sanction Expense	-25.0
10/23/2011	Wingbuster Shootout	Permit-Sanction Expense	-25.0
10/23/2011	Wingbuster Shootout	Entry Fees	90.0
10/23/2011	Wingbuster Shootout	Trophy Expense	-54.0
10/23/2011	Brian Stas	Contribution	10.0
11/6/2011	Fall Fly-Off	Trophy Expense	-6.0
11/6/2011	Fall Fly-Off	Entry Fees	90.0
11/6/2011	Fall Fly-Off	Permit-Sanction Expense	-25.0
11/6/2011	Season End Awards	Trophy Expense	-209.0
11/6/2011	Brian Stas	Contribution	10.0
11/6/2011	Chris Sarnowski	Contribution	5.0
11/6/2011	Joe Fustolo	Contribution	20.0
11/6/2011	T-Shirt Sales	Other Inc	20.0
11/21/2011	Greg Wornell	Contribution	100.0
11/22/2011	2011 Streamers (300qty)	Streamer Expense	-33.0
12/21/2011	Will Rogers	Contribution	100.0
12/28/2011	Streamer String (8 Rolls)	Streamer Expense	-21.0

BALANCE 1/18/2012

1/16/2012

100.00

TOTAL INFLOWS 1,640.00

TOTAL OUTFLOWS -1,818.00

NET TOTAL

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### MACA APPLICATION AND RENEWAL FORM

mail to : MACA, c/o GENE BERRY, 4610 89th Street, Lubbock, TX 79424 (Please write your AMA Number on your Check.)

Name		Date		
AMA Number	AMA Category	JR. [ ]; SR. [	]; OP. []; CD. []; Other	
Address			Telephone ()	
City		State	Zip Plus Four	
E-Mail Address		F	orum login name	
Birth Date Ma	ale [ ] Female [ ]	Competitio	n Flyer [ ] Sport Flyer [ ]	] Non Flyer [ ]
Club/ Clubs Affiliation				
Please rate your preference of flyir Combat: 1/2A [ ], Fast [ ], S Speed [ ]; Free Flight [ ];	Slow [ ], Super Slov	w [ ], FAI [		]; Carrier [ ];
			<i>Mexico - \$ 25.00 Foreign</i> (U at same address (No Newsler	•
DONATIONS	<b>F2D</b> Pitman Fund <u>\$</u>		Other (Specify)	\$

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