



# Pitts SPECIAL



**August, 2018 Issue**



*The Official Newsletter of  
Metrolina Control Line Society (MCLS)*

***We Fly Control Line!***

*And Have been Doing It Since*

*September, 1981*

*AMA Chartered Club #1811*

**[WWW.MCLS.WACAMA.COM](http://WWW.MCLS.WACAMA.COM)**



## **MCLS Club Officers:**

President:	Will Davis	<a href="mailto:willddavis@msn.com">willddavis@msn.com</a>
Vice President:	Watt Moore	<a href="mailto:medplans@truvista.net">medplans@truvista.net</a>
Sec./Treasurer:	Don Jenkins	<a href="mailto:d.l.jenkins33@gmail.com">d.l.jenkins33@gmail.com</a>
Safety Officer:	David Smith	<a href="mailto:smitty8126@yahoo.com">smitty8126@yahoo.com</a>
Information:	Howard Shenton	<a href="mailto:panzer4hs2001@yahoo.com">panzer4hs2001@yahoo.com</a>
Newsletter:	Rusty Knowlton	<a href="mailto:RknRusty@sc.rr.com">RknRusty@sc.rr.com</a>

**MCLS is also in association with:**

**Mecklenburg County Parks & Recreation Dept. through the  
Waymer Aeromodelers Chapter of Academy of Model Aeronautics (WACAMA)  
MCLS Representatives to WACAMA are Max Flowe and David Smith**

**The next MCLS meeting is Saturday, August 25<sup>th</sup>, 2018 at**

**Triple Tree Aerodrome,  
330 Mary Hanna Rd, Woodruff, SC 29388**

**There will be flying in the morning, Lunch around Noon,  
And more flying until the 2:00 meeting**

# Carolina Criterium

## Control Line Contest



Oct 19, 20, 21, 2018

Stunt, Combat, Navy Carrier

Waymer Flying Field 15401 Holbrooks Road Huntersville, NC 28078

**ENTRY FEES Each Event Open \$10.00 (\$30 Max) Jr./Sr. \$5.00 (\$15 Max).**

Control Line flying on Two Paved Circles and One Grass Circle, Combat and Carrier circles are on two grass circles at the end of R/C Runway. Large Pavilion with picnic tables for Contestants & Spectators.

Lunch available on Saturday at noon break

**NO PARKING IN THE PAVILION AREA**

No Appearance points. No BOM, All PAMPA & AMA Rules Apply.

**STUNT Registration at the Shelter**

**COMBAT & CARRIER Registration at each event site**

All Circles open for practice THURSDAY & FRIDAY.. May 4 & 5 all day

**Friday Oct 19 : Fri. 1/2 A Combat (.061 plain bearing ok) 4:00 PM start**  
Judges Clinic 4:00 PM to 6:00 PM ..open to all

**Saturday Oct 20: Registration 9:00 am ..Stunt Pilots Meeting 9:45 AM**

- **Stunt** - OTS, N-30, Profile Stunt 10:00 AM Start
- **Basic Flight** 12:00 Noon Start
- **Navy Carrier** - Class I & II Glow & Elect, Profile Glow & Elect, 15, Nostalgia I, II & Profile, 9:00 AM Start
- **Combat** - Speed Limit & 1/2a 9:00 AM pilots Meeting

**Sunday, Oct 21: Registration 8:00 am.. Stunt Pilots Meeting 8:45 AM**

- **PAMPA** - Beginner, Intermediate, Advanced, & Expert. 9:00 AM Start  
Combat & Carrier if needed to finish TBD by ED's

**CONTACTS:** (for event rules) Hotel Info / map by request

Will Davis --- (Contest Director)

James Duckworth --- (Admin) [colduck@netzero.net](mailto:colduck@netzero.net)

Will Davis --- (ED Stunt) [willddavis@msn.com](mailto:willddavis@msn.com)

David Smith --- (ED Carrier) [smitty8126@gmail.com](mailto:smitty8126@gmail.com)

Howard Shenton ---- (ED Combat) [panzer4hs2001@yahoo.com](mailto:panzer4hs2001@yahoo.com)







# August, 2018

By Will Davis

**This month** we will meet at Triple Tree Aerodrome for our monthly MCLS club meeting. During the year we try to meet at different flying sites to break up just flying at one site all year. We are fortunate to have several great sites available that are close to our members.

**The Triple Tree organization** has a active program to promote Aviation. Pat Hartness has a vision to start youth in modeling both Control Line and RC. And then moving on to teach them about General aviation and possibly a future pilots license, if that is their goal.

**At the Robert Shaw Learning Center** they are in need of basic modeling tools and equipment to support this vision. So, if you have extra tools you could donate including sanding blocks, hobby-knife handles, saws, rulers, squares, drawing tools, etc, please bring them Saturday to help Pat Hartness and his team to continue to promote the hobby of modeling and general aviation that we all enjoy.

**The King Orange International (KOI)** in Jacksonville Florida, the next contest in our area will be on September 15th and 16th. I plan to attend and look forward to seeing everyone.

**The Carolina Criterium** in Huntersville is coming up on October 19th - 21st. See the flyer on page 2 for dates and details.

**1/2-A Day** will be Saturday September 22 at Huntersville. I have a new 1/2-A Teosawki to try out.

**Joe Nall in the Fall** is the following week at Triple Tree. I will to go down for a couple days to get in some practice for Huntersville.

This is a short President's Pen due to family commitments.

I hope to see everyone this Saturday at Triple Tree. The club will have hot dogs, drinks, and chips for lunch at the gazebo. Please let me know who is coming so I can plan the meal.

*Keep on Keeping on!*  
*Will Davis*  
*President - MCLS*



# The Secretary Treasurer's Report

Minutes from the July 28th, 2018 meeting, by Don Jenkins



Metrolina Control Line Society (MCLS) held their regular monthly meeting at the home/flying field/museum of James and Betty Duckworth in Stanley, NC. The weather was perfect for flying and Max Flowe and Howard Shenton got several flights with combat planes, Will Davis got in a maiden flight on Watt Moore's Junior Nobler, Brian Malin got in several patterns with his profile Nobler and Will got Max's grandson (Brighton) to solo on an electric powered flying disc! Will also masterfully grilled hamburgers and hot dogs with all the "fixins"!

The following were present: Will and Melissa Davis, Watt Moore, Don Jenkins, James and Betty Duckworth, Howard Shenton, Rusty Knowlton, Wayne Robinson, Brian Malin, Max Flowe and his son Jason along with his sons Brighton and Baylor and their other Grandfather Darryl Baygents.

The meeting was brought to order at 2:02 PM.

## Financial Report:

The club remains financially stable and has the funds available to support the 2018 contest season and beyond.

## Health and Well Being of Fellow Modelers:

The following fellow modelers and friends are having health issues and are in our thoughts and prayers: John Gibson, Sonny Williams, Gene Guffy and Pat Robinson, get well soon gentlemen!

## President's Report:

- Nall in the Fall at Triple Tree Aerodrome in Woodruff, SC is 24 thru 30 September.
- MCLS will hold their annual ½ A day at Waymer Flying Field in Huntersville, NC on 22 September.
- No meetings were held with WACAMA or the Parks and Recreation Department.

## Unfinished Business:

- Looking for volunteers to help out with ground repair and seeding of the control line complex at the Triple Tree Aerodrome in the Fall. Contact Wayne Robinson for more information.

## New Business:

The following items must be accomplished in support of the Carolina Criterium Contest scheduled for 19 thru 21 October 2018:

- Placards ordered for trophies - Howard Shenton
- Trophy bases cut and prepared - Watt Moore/Will Davis
- Order and additional Porta-Jon - Max Flowe
- Order sandwiches from Mama's Deli - Wayne Robinson
- Generate a list of candidates for the Carolina Spirit Award
- Generate a list of candidates for the Master Circle Award
- Field mowing and preparation - Max Flowe

Rusty Knowlton has been producing a fantastic MCLS Newsletter for quite some time now and he is looking for someone to take over his duties so they can continue his great work. Anyone interested in taking over the newsletter, contact Will Davis or Rusty.

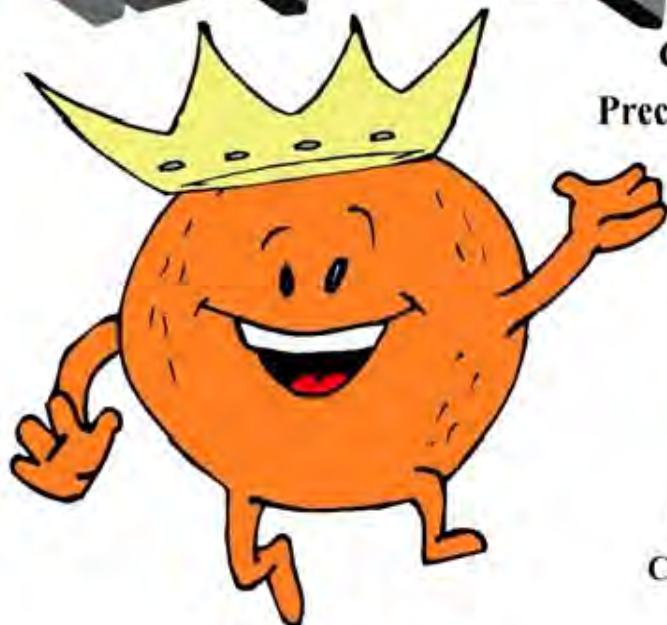
The next MCLS Meeting will be August 25<sup>th</sup> at the Triple Tree Aerodrome.

The meeting was adjourned at 2:50 PM.

Respectfully,

Don Jenkins  
Secretary and Treasurer

# KING ORANGE INTERNATIONAL



Control Line  
Precision Aerobatics

"Sanction # 1122"

September 14, 15 & 16, 2018

Shadetree RC & CL Club,

(GPS: 30.386234, -82.204482)

Glen St. Mary, FL

Interstate 10 (X-333) CR 125 north 8 miles to  
Crews Rd. right turn. Go 2 miles to Harvest Lane/

Camp Trace Rd. right turn

\*Field open AM on Friday Sept. 14, 2018 for  
practice & field set-up

\*Saturday Sept. 15, 2018 Pilots meeting @ 9:30 AM  
1st. Flight 10 AM

Basic, OTS, Nostalgia 30 & Profile.

\*Sunday Sept. 16, 2018 Pilots meeting @ 8:30 AM  
1st flight 9:00 AM

Beginners, Intermediate, Advanced & Expert

Perpetual Trophy Fly-off

(sudden death fly-off)

2018 AMA License Required

Awards 1st. - 3rd. Place

Entry Fee per event

1st. \$20.00, each additional event \$5.00 each.

Basic entry Fee \$5.00

**For additional information contact:**

**CD: Gene Martine @ 904-786-8650 or  
gmflying@bellsouth.net**

**Mention KOI**

**& book early**

**for Special Rates**

**Hotels/Motels**

Motel 6 904-259-5100

\$59.99 + tax

Red Roof Inn 904-259-3000

\$62.00 + Tax

Travel Lodge 904-259-6408

1-2 person \$59.99 + tax

Above motels are located off I-10 (X-335)

Restaurants located with-in 1 mi. of the  
above motels

\*\*Lunch available at site

No RV hook-ups

Camping allowed

**(OVER FOR DIRECTIONS)**

**"DIRECTIONS"**

to

**ShadeTree RC & CL Flying Site**

**Glen St. Mary, FL 32040**

**From I-10 (Exit 333) & CR 125**

**(Mobile Gas Station on left)**

**(watch for Model Aircraft Event or Air show signs)**

**Go 8 miles north on CR 125 , turn right on Crews Rd.**

**Proceed about 2 miles on Crews Rd, Just past the sharp right curve on Crews Rd. is Harvest Lane/ Camp Tracy Rd. (which is a dirt road, go slow, bumpy spots)**

**Make a right turn**

**"GPS: 30.386234, -82.204482"**

**About 3 tenths of a mile in, look for the ShadeTree Club Sign & make a right.**

**Follow the signs in....**



## The Editor's Sandbox

About a month or so ago I got an email from a member of Stunthangar who's name was familiar from reading posts, but as far as I knew, had never had contact with him. So, he tells me he's one of my Video hangout viewers that has never joined live because his shop is such a mess it would have been embarrassing. Those that don't join live can watch the show as it's being broadcast and recorded by YouTube, and if they desire, can communicate with us via Text Chat box on the YouTube watch-page, and not necessarily with a recognizable name.

His email goes on to tell me that he likes to watch us while he works in the shop, and as a token of appreciation for keeping the C/L community together and promoting comradery, wants to send me a "*Little something*" he's sure I can use. Well, I told him I love finding out who some of my anonymous viewers are, and thanks so much for the generous gesture. And also that we don't mind messy shops either, Lol. So with anticipation, I started watching the mailbox for a parcel of airmail. After a while, I figured he's as slow as I am at sending these sorts of things to other modelers, and didn't worry too much about it.

Well, then... one day last week I pulled in the driveway and saw a 6' tall, 24" wide box leaning against the front door. I dragged it inside and looked it over. It had "Fragile - Aircraft Parts" written in Sharpie all over it. The return address was Tom Luciano from New Jersey. Jeez, I'd been expecting something that would fit in my pocket... *a little something*, he'd said. I got my little Bison-horn knife with its razor sharp 2" blade and carefully removed the paper wrapper exposing an unmarked heavy duty cardboard box with packing tape around its glued-shut flaps, 3M-77, I'd guess. I couldn't budge the seams, so I went to the shop and got my box cutter and continued carefully to work my way through the layers of the toughest cardboard I've ever seen. It became a fight I wasn't going to lose. What the hell is in this box!?! Finally, after what seemed like 45 minutes, it was finally open, and I had to take a break, sitting on a foot stool, looking at the contents with my mouth slack-jawed.

Tom had cut some stiff heavy duty insulation into perfect 1x4 lumber sides and slotted cross members, securing it with long wood screws into a framework retainer for the precious cargo. And precious it was.

**Back story:** Robert(Sparky) Storick, the owner of Stunthangar had built six VooDoos this summer while a group of us watched and learned via the Video hangout show. Tom had obviously been watching too. The older Larry Scarinzi designed Super Satan had come up in discussions and I'd commented I always wanted to build one... y'all know how I blab off like that. So, now can you guess what was in the box?...

...The first plane Tom had built after a long hiatus from Control Line, while flying RC Planes. I'm glad he came back to C/L.



**Both above pictures:** Tom's Fox .36X BB powered Super Satan  
**Right Picture:** Tom is kneeling in front, Larry top left. As I'm writing this, my Cox forum is down, so I can't recall the familiar face on the right... sorry about that.

I'll get it ready and bring it to Huntersville. Tom and Al Ferarro are modifying a Fox .36x needle bearing engine for me, and I'll have it next week.

Mike Londke can test fly it for me, and as for me flying???... gameday decision. We'll see. If I'm not too gimpy, I ain't afraid of it, I've flown fast before. And this is one badass lightening fast combat ship. Tom is going to try and come down from New Jersey for the contest too.

Thanks for reading. And I'll be seeing some of you Saturday at Triple Tree, and 1/2-A Day next month, and the Criterium in October. It's going to be a busy fun time this Fall.

**Rockin' Rusty**

*I would like to pay my condolences to Will Davis and his siblings and family for the sad loss of his Father, Clell Davis. May many memories live on forever.*  
*Rusty*



## Reader Contributions

Here's a report from my buddy and MCLS member, Roger Altizer, from West Virginia. We first met in 2013, my first appearance at the Carolina Criterium when I was struggling to get my act together so I could fly my Shoestring in Beginner Stunt. He walked over to see my plane, and said the Shoestring was one of his favorites. He was a regular contributing writer for Control Line World magazine, and I looked forward to reading his frequent articles, detailing his builds and solo attempts at self-training in the science of PA and OTS. He's come a long way since then, and we'll probably see him this October. He sent me some pictures and descriptions of his current stunt fleet.

### Report From MCLS, West Virginia Division

By Roger Altizer

Hello fellow club members from Wild, Wonderful, West Virginia. The West Virginia State Fair is in town this week and traffic is in a snarl. This traffic snarl occurs twice a year in this otherwise quiet hamlet, with the other time being when the PGA tour is at The Greenbrier.

Due to circumstances, I have not flown since early May. However, I am going to rectify that situation beginning this afternoon! I have yet to complete a full pattern, but hope to be able to "muddle through" it in time for the October contest. In the meantime, I have completed some projects I would like to share with you.

#### Brodak Pathfinder Mark-II

This model represents a couple of "firsts" for me. It is the first tri-gear airplane that I have ever built and it is my first foray into the world of plastic covering.

The green on the plane is a mixture of various leftover dope colors that I had and this is the color that came out. The white is the plastic covering that is sold by Brodak. After subsequently using both Super Monokote and Econokote, I find that the Brodak covering is at least equal in quality to the Top Flite products. The more experienced builder may be able to discern the difference, but I cannot.

So far, I am not "bonding" with the tri-gear. It requires more thought for the stooge arrangement, which in turn has made for some very "hairy" takeoffs. I think I may have this aspect "licked" for now, though. As for landing, I am open for suggestions as to how you set one of these things down without it bouncing like a basketball! I have tried everything from landing fairly fast to landing at near stall speed. No difference. Still bounces to a stop. I'm thinking most seriously of converting this to a tail dragger.

Now for the power plant. Wow! What an engine! This is a NOS, 1970's vintage, "Big Block" FOX .45. It is a schnerle ported engine like the .46 LA's. In my opinion, the .46 LA has nothing on this old FOX as to pure brute torque and power. I'm just sayin'! I do use muffler pressure, which I use on all of my airplanes with the exception of my FOX .35's, my McCoy .35, and my ST G21/.46. These engines seem to prefer standard vent. The tongue muffler was made by Jim Lee. I will point out that the Fox is a full 2 oz. heavier than the LA, but extra nose weight is often required on profiles anyway. For ground clearance, the prop is a Top Flight 11 X 7 cut down to 10". The engine likes this prop very much. The down side is that this prop hasn't been made for years and I only have one spare.

#### Enterprise-Pro

This is a Bill Mandakis design that he kits. This is essentially a profile Humongous and is the second one of these that I have built. The first one had exact "numbers" as the Humongous, while this second one has kept the wing and tail feather shapes but has "stretched" the fuselage. The nose has had 1" added while the rear moment has been lengthened by 3-1/2 inches. This plane has just been completed and has not had it's maiden flight, so I don't know if it will fly as good as the first one, which flies very good, by the way. I hope these later "improvements" haven't ruined it.

The fuselage on this model is painted with Brodak insignia yellow dope. The stab and elevator is TF Super Monokote. The top of the wing is covered with TF Super Monokote, while the underside is TF Econokote. I can see some mistakes that I need to address in the future, but otherwise, I just need experience, I think. All in all, I will probably use plastic coverings on occasion going forward.

The engine in this airplane is a .46 LA. It is an older one that has had a metal backplate installed, with an ST NVA replacing the remote setup. It also has a new sleeve and piston. I have not run this engine yet, but it has great compression and the crankshaft bearing seems to be O.K., so it should be fine. As I mentioned earlier, most of my stunt ships use muffler pressure, and this one is no different. I do veer from conventional wisdom, however, when it comes to propeller selection for the .46 LA. Most learned folks that I have talked with or read about concerning this engine says to use big diameter and small pitch to develop high rpm. I guess I am stubborn or hard headed or maybe both, but I use BYO 11 X 6 exclusively on ALL of my .45/.46 size engines, with the notable exception explained above for ground clearance. All of my engines, whether FOX, Enya, Super Tigre, or OS, run at a launch rpm of about 8,500 with this prop, and all of them do a nice 4-2-4. I have also "standardized" my fuel. I use exclusively, in all engines, 7-1/2 Nitro, 11-1/2 castor, 11-1/2 synthetic. I have found this to be a good "all weather" fuel for me.

That's it for now.

Take care.

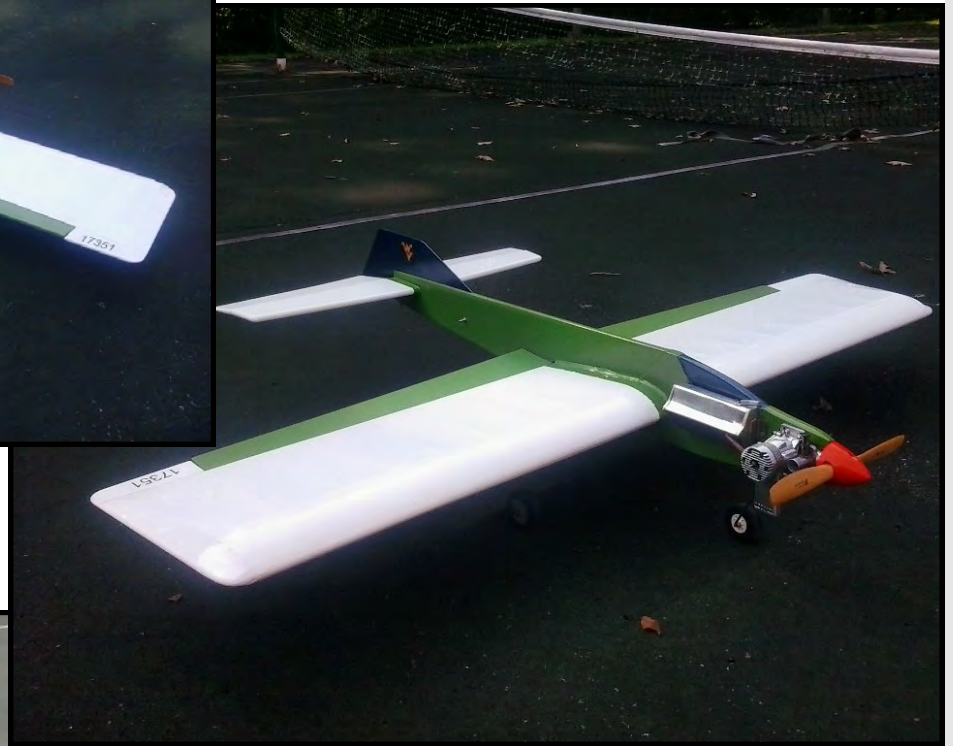
Roger Altizer, MCLS, WV Division  
8/15/18

**Pictures on next page**





**Brodak Pathfinder Mark-II**



**Enterprise-Pro**



Thanks, Roger.

Contributions can be sent to:

[RknRusty@sc.rr.com](mailto:RknRusty@sc.rr.com)





# The Paducah contest - August, 2018

## Intermediate

EVENT	1 <sup>ST</sup> FLIGHT		2 <sup>ND</sup> FLIGHT		TOTALS	
CONTESTANT	FLT. ORDER	SCORE	FLT. ORDER	SCORE	SCORE	PLACE
MIKE JENNINGS	3	337.5	2	(410.5)	410.5	3 <sup>RD</sup>
LEROY POLK	1	(468.5)	3	462	468.5	1 <sup>ST</sup>
AL EYGABROAD	2	(444)	1	400.5	444	2 <sup>ND</sup>

## Advanced

EVENT	1 <sup>ST</sup> FLIGHT		2 <sup>ND</sup> FLIGHT		TOTALS	
CONTESTANT	FLT. ORDER	SCORE	FLT. ORDER	SCORE	SCORE	PLACE
BOB BROOKINS	2	466.5	2	(472)	472	
JORDAN SEGAL	4	482	1	(501)	501	2 <sup>ND</sup>
KEVIN PRIER	3	439	4	(484)	484	3 <sup>RD</sup>
MIKE LONKE	1	(504)	3	503	504	1 <sup>ST</sup>

## Expert

EVENT	1 <sup>ST</sup> FLIGHT		2 <sup>ND</sup> FLIGHT		TOTALS	
CONTESTANT	FLT. ORDER	SCORE	FLT. ORDER	SCORE	SCORE	PLACE
DON CRANFILL	5	548.5	12	(555)	555	3 <sup>RD</sup>
JIM LEE	7	522.5	11	(530)	530	
TOM DIXON	1	507	9	(554.5)	554.5	
DAN MEENTEE	9	528	1	(536)	536	
DAVE TRIBBE	11	471.5	10	(540)	540	
MIKE SCHMITT	10	537	13	(553.5)	553.5	
DENNIS VANDERKUR	12	(537)	7	(535)	537	
JOE BOWMAN	8	529.5	6	(532.5)	532.5	
JOHN SIMPSON	3	477.5	2	(552)	552	
MARK HUGHES	4	522.5	4	(541)	541	
RONNIE THOMPSON	2	511.5	3	(522.5)	522.5	
MATT NEUMANN	6	550	8	(565)	565	1 <sup>ST</sup>
ERIC TAYLOR	13	(564)	5	558	564	2 <sup>ND</sup>



**MEETINGS, CONTROL LINE & RADIO CONTROL CONTESTS / INTERESTS & HOLIDAYS**1 of 1





# Metrolina Control Line Society

## AMA Club # 1811

### 2018 Membership Application

Name  AMA #

Birthday (M D ?Y)

Mo Day (Y Year - optional if you want it known)

Spouse / or?

Address

City

State

Zip

Home Phone

Cell Phone

email

General Interests / Comment

Control Line Flying Interest ☐ Stunt (St) ☐ Combat (Cb) ☐ Speed (Sp) ☐ Sport (Sr)  
☐ Carrier (Cr) ☐ Scale (Sc) ☐ Racing (Ra)

Membership Dues ☐ \$0 JR/SR AMA Member or ASSOCIATE non flying member  
☐ \$20 INDIVIDUAL or non flying member wanting to support the club  
☐ \$25 FAMILY- Only if all members are flyers. Need separate applications for all family members.  
☐ \$0 NEWSLETTER ONLY- MCLS Membership not required but we would like your personal information for our mailing list. AMA card not required

Make Checks or Money Order Payable to:  
Metrolina Control Line Society  
Send to

Don Jenkins  
4042 River Oaks Road  
Lake Wylie SC 29710

Phone: 803-831-1753  
email: D.I.jenkins33@gmail.com

Please record the date on your current  
AMA or MAAC (Canada)  
MEMBERSHIP CARD

Month - Year  
Ex: 01-2018

**You must be an 2018 AMA member  
to fly with us at Waymer field**

## SURFING THE WEB - USEFUL WEB SITES FOR CONTROL LINE:

***Stunthangar.com***  
***Control line forum***



Non-member visitors can close the Log-In nag window.  
Click the "Do not display again" button.  
Guests can post in the "General Questions" forum

**Stuka Stunt Works** - [www.cstunt.com/htdocs/dc/dcboard.php](http://www.cstunt.com/htdocs/dc/dcboard.php)

**Brotherhood of the Ring** - <http://brotherhoodofthering.info/>

**Airfield Models** - <http://www.airfieldmodels.com/>

One of the best sources of modeling and building explanations and illustrations on the web

**PAMPA** - <http://www.pampacl.org/>

You must be a member of PAMPA to access many areas of this valuable site

**AMA - Academy of Model Aeronautics** - <https://www.modelaircraft.org>

**Brodak** - [www.brodak.com](http://www.brodak.com)

Complete Control Line hobby shop and manufacturer of supplies and kits

**Sig Manufacturing** - [sigmfg.com](http://sigmfg.com)

**Bob Machado's Museum and Gallery:** [www.hobbyistparadise.com](http://www.hobbyistparadise.com).

**Phil Brown's Web site:** [www.mastercontrollinelinksite.info/](http://www.mastercontrollinelinksite.info/)

A complete listing of control line web sites.

**Tulsa Glue Daubers Website** - [www.tulsacl.com/](http://www.tulsacl.com/)

**Flying Lines Website** - <http://flyinglines.org/>

Great site out of the Northwest. Lots of columns on all aspects of CL modeling.

**Pitts Special Archives, all back issues plus the annual club Calendar  
of events and contest flyers:**

[https://www.dropbox.com/sh/b66ijo7zsvrfqp9/  
AAD5XUYeMXHoTDqtKsajRThNa?dl=0](https://www.dropbox.com/sh/b66ijo7zsvrfqp9/AAD5XUYeMXHoTDqtKsajRThNa?dl=0)

## VENDORS' CORNER

The following are club members and frequent contest attendees who provide parts, tools and supplies.

**Norine Armish** - Phone: 717-805-4457. Email: [karmish@ptd.net](mailto:karmish@ptd.net)

We are a small, neighborhood shop in Selinsgrove, PA. I do artwork on wood, tin and slate, and I have two associates who do stained glass and crochet.

Website: <https://www.facebook.com/ArmishsCountryStar>

**Phil Cartier** - Phone: 717-566-3810. Email: [philcartier@earthlink.net](mailto:philcartier@earthlink.net)

Combat & Stunt kits, Cores & misc. combat & Stunt CL items.

Website: <http://home.earthlink.net/~philcartier/webcat/catalog.html>

**Tom Dixon** - Phone: 770-592-3279. Email: [bdixon@mindspring.com](mailto:bdixon@mindspring.com). (Does not use email-Call)

Plans and accessories for the stunt flyer. Double Starr engine importer. Stunt eng. mods.

Website: <http://tomdixon.tripod.com/tomdixon.htm>

**Bob Krug** - Phone: 923-696-1291. Email: [rlkrupa@sbcglobal.net](mailto:rlkrupa@sbcglobal.net)

Supplies Powermaster fuel and other miscellaneous items for sale at contests. Does not ship fuel. Contact him for contests he will attend.

**Jim Lee** - Phone: 785-266-7714. Email: [jlee9@cox.net](mailto:jlee9@cox.net)

Expertly machined parts and tools for model building.

Website: [www.leemachineshop.com](http://www.leemachineshop.com)

**Bob Machado** - Phone: 508-404-6376. Email: [bobandedy@aol.com](mailto:bobandedy@aol.com).

Buy /sell CL and everything else from the website info. Also has a model museum.

Website: <http://www.bobmachadosgallery.com>

**Brian Malin** - Phone: 321-537-1159. Email: [brian@bmjrmodels.com](mailto:brian@bmjrmodels.com)

Laser cut FF, CL & RC kits.

Website: [www.bmjrmodels.com](http://www.bmjrmodels.com)

**Bill Mandakis** - Phone: 336-499-1192. Email: [mandakis@bjm-home.com](mailto:mandakis@bjm-home.com)

Brodak distributor

Website: <http://www.bjm-home.com/modelshop/openingselectionwindow.html>

**Randy Smith** - Phone: 687-407-9376. Email: [Randy@aero@msn.com](mailto:Randy@aero@msn.com)

Full service stunt items, Engine tuners, Plans, Props. Engines, etc...

Website: <http://www.aeroproduct.net>

**Tom Morris** - Phone: 256-820-1983. Email: [ctmorris@cablone.net](mailto:ctmorris@cablone.net)

Extensive line of built models. Electric supplier.

Tom's supplies are available through <http://stunthanger.com/hobby>

**Watt Moore (Brodak distributor)** - Phone: 803-789-9430, 803-517-1153 Email: [medplans@truvista.net](mailto:medplans@truvista.net).

He can order anything from the Brodak catalog or may have it in his shop.

**John Saunders (Brodak distributor)** - Phone: 856-697-0656. Email: [Stiletto46@comcast.net](mailto:Stiletto46@comcast.net).

Look for John at contests with all sorts of CL supplies. Brodak Dealer.



If you find any broken or erroneous links, addresses or phone numbers, please notify me at [RknRusty@sc.rr.com](mailto:RknRusty@sc.rr.com)



## Directions to Waymer Field in Huntersville, NC



**GPS: 35.401170, - 80.814600**

**And that's a Wrap for August, 2018  
Thanks for Reading**

**If you have any questions, trouble reading or  
accessing the newsletter, mistakes, correc-  
tions or any other reason, please contact me:**

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**[RknRusty@sc.rr.com](mailto:RknRusty@sc.rr.com)**

**803-603-5532**

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**See you in September**  
**At 1/2-A Day in Huntersville**