



# *Pitts* SPECIAL



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



***Flying Control Line Since  
September, 1981  
AMA Chartered Club #1811***



***June, 2016 Issue***



## **MCLS Club Officers:**

President:	Will Davis	<a href="mailto:willddavis@msn.com">willddavis@msn.com</a>
Vice President:	James Duckworth	<a href="mailto:colduck@netzero.net">colduck@netzero.net</a>
Sec./Treasurer	Watt Moore	<a href="mailto:medplans@truvista.net">medplans@truvista.net</a>
Safety Officer:	David Smith	<a href="mailto:smitty8126@yahoo.com">smitty8126@yahoo.com</a>
Newsletter:	Rusty Knowlton	<a href="mailto:RknRusty@sc.rr.com">RknRusty@sc.rr.com</a>
Information:	Howard Shenton	<a href="mailto:panzer4hs2001@yahoo.com">panzer4hs2001@yahoo.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 Sonny Williams & David Smith)

**The next meeting will be at  
David B. Waymer Field, Huntersville, NC  
Saturday, June 25th**

**Flying in the morning - Meeting at 2:00 - More flying after the meeting**

# President's Pen

June, 2016



The newsletter will be mailed out early this month. Rusty is on vacation in June and will need to send it out early to eliminate it interfering with fishing, crabbing, bikini watching and other beach adventures. Thank you Rusty for serving as the Pitts Special Editor.

## Normandy

72 years ago, On June 6, 1944, the United States was storming the Omaha and Utah Beaches of Normandy, France. This was the beginning of the end of WW2. At 92, my Father is a WW2 veteran and was in the Normandy Invasion. If you see a Veteran of any US Conflict, take the time to thank them for their service.

The sacrifice that many Americans gave to our country during this and many more battles over the past two centuries is something that we as Americans cannot take lightly.

## New Charging Station.

The new charging station is now up and running. It is available to anyone that has a yearly Park Pass and Key. This has been a big improvement to the David B Waymer field.

## Club News

Metrolina Control Line Society has been busy lately; We have the Joe Nall event under our belt and now are moving on to the Brodak Fly-In. I hope to see everyone at there.

## October Contest

We are finalizing some ideas for the MCLS 35<sup>th</sup> anniversary October Contest. We plan to have special awards, prizes and special Anniversary hats for the competitors. This will be discussed at the June Club Meeting.

## Sonny Williams

Sonny has served on the WACAMA board of directors for many years now. He was partly responsible for writing the language that shows direction and purpose of the WACAMA organization. Sonny has been our contact liaison for the county to get things like Grass Cutting, repair and porta-johns, just to name a few of the things he has been doing for years representing MCLS to the county.

Sonny has decided that flying models is more fun than attending meetings and other responsibilities. He has resigned from the position on the WACAMA Board, and MCLS will be looking for a replacement for him.

Most of the work he has done over the many years goes unnoticed and members may take for granted all things that happen at our field. Thanks again Sonny for your hard work to make David B. Waymer field a premier control line and RC site in the Southeast.

### Club Meeting

The next Club Meeting will be at David B. Waymer Field  
In Huntersville NC, Saturday June 25th at 2:00 PM.

**Keep on Keeping on!**

*Will Davis*

**President MCLS**

Will's Ugly Betty e-Vector wins a trophy as a loaner at the Triple Tree Stunt Championship.



## The Editor's Sandbox - LiPo battery safety

More hobbyists every day are converting from good ol' internal combustion power to electric battery power. Most of us are used to handling batteries all our lives and take their safety for granted. However the chemistry necessary to produce batteries that supply the huge amp/hours that we need in powered models, introduces some unfamiliar dangers that require special knowledge and handling, and cannot safely be ignored. Without proper considerations, the power they store can be rapidly released in the form of fire, smoke, and heat that can be life changing faster than it can be controlled. Even I, your *brilliant* editor, and an electronics guy from way back, am not fully educated in the proper use and handling of modern power packs and their associated circuitry. So with that being said, I received permission from Fred Cronenwett of the Lafayette Esquadriile Control Line Club, Buder Park, St Louis, Mo. for permission to reprint his article in their newsletter.

So read on.

Here is what Fred wrote to help keep his club's members aware of LiPo safety.

- Check out Greg Gimlicks article in **Model Aviation (July 2015)** on Lipo battery packs, very helpful.
- The Lipo Batteries that we fly with are great in terms of the power they have and how much they weigh. If the batteries are not handled correctly the result can be nasty fire.
- Be Gentle with the balance wires, the wire can break as shown below.
- My charger has a setting called "Storage", This takes the battery down to the correct voltage when you are not using them.
- Do not short circuit the battery when fully charged, or any time.
- Do not store the batteries fully charged.
- Follow manufacturer's instructions for charging and discharging rates.
- Store the batteries in a fire proof case with a latch.
- Never use a pack that has visible damage, dents or cracks.
- Charge the batteries in a fire proof safe or something similar.
- Do not charge the batteries with your car's hood open. While it is possible to use your car battery to power the charger, if there is a problem with the battery the fire will consume the battery, charger and your car.
- If the battery is puffed up, stop using it and follow the instructions so that you dispose of it safely.
- **Look at this website for more details about Lipo batteries**  
[Click here for more details on Lipo Batteries](#)

Continued on page 4



## LiPo battery safety (continued from page 3)

Fred goes on to illustrate his safe storage and charging methods:

This is how I store and charge LiPo batteries. Click on any thumbnail picture to see a large image.

These are 3S batteries, the 1100 Mah is on top and the 3000 Mah on the bottom of the photo



All of my batteries are stored in this case with the latch shut when they are not being used. I take this case or another smaller case to the flying field



Foam liner this case allows for quick access to the batteries at the field or at home



These are 2S batteries, the smaller 800 Mah is used with a RC park flyer while the 5000 Mah is used on



You can tell the voltage of the battery by the number of wires, this is 3S battery with one ground and three colored wires



Batteries are charged in this fire proof safe, notice the slot for the wire so that the lid can be shut and locked



This can be repaired, but I am not going to attempt it. There is a circuit board below the plastic cover and the wire needs to be re-soldered to the board





## MCLS Meeting minutes - May 21, 2016

Our MCLS club met Saturday at Waymer Flying Field at 2 pm.  
Weather was cool, partly cloudy, with sunshine, and light winds.  
Meeting held on table near lower paved circle.  
Club financial condition in good shape, no outstanding commitments.

Members attending included Will Davis, Howard, James Duckworth, Sonny Williams, Watt Moore, Max Flowe, Keith Palmer, Don Jenkins, and Wayne Robinson.

Howard to do an update on member status including information from Stunt Hanger forum.

Discussed briefly our spring contest. Saturday was a beautiful day, lots of flying, light winds. Light rain appeared Sunday morning, some test flying began and rain letup so that the contest could be completed. Results are published on another forum.

The recent Joe Nall stunt event discussed by Will, Wayne, Howard, and others. Competition results are shown on another forum. No competition event will be held next year. Mark Weiss to be thanked for being the CD for two years.

Discussed flying field needs and improvements. Grass maintenance schedule, rain water under the shelter, need better communication on where grass circles are to be cut near the paved runway area. Sonny to study removal of water on circles.

Brodak Event to be attended by Will Davis, Watt Moore, James Duckworth, Howard Shenton and possibly others from the club.

July meeting will be at Duck's home in Stanley, NC Sat, July 23, 2PM

October Contest. Discussed trophy style information, Howard to order hats, Sat. night dinner to be at Sunset Road BBQ, Charlotte.

Discussed food for future contests. Commercial vendors recommended.

Discussed upcoming 35<sup>th</sup> year old club celebration in October, 2016. Plans are to have a Saturday evening Dinner at a local Charlotte restaurant similar to the previous 30<sup>th</sup> event. Special awards discussed briefly, and suggestions for club logo on hats, T shirts, etc, Howard to do research for appropriate style and color. Special awards

Respectfully,  
Watt Moore

### **Note from the editor:**

**Due to vacation and other schedules overlapping, this June newsletter is coming out early, and with reduced content. Sorry I can't include all of the usual flight reports from Huntersville, Triple Tree, and the Norfolk Aeromodelers, who always contribute great content. I promise I'll make it up to all of you with a great letter in July.**

**Thanks,  
Rusty Knowlton**

**803-603-5532**

**Last month in the May issue, I included all the scoreboards from the Carolina Classic, except I left out the Advanced PA scores, unfairly robbing the winners of their moment of glory. Well that just won't do, so without further ado, here are the Advanced scores. Congratulations to Don Jenkins - #1, Ronnie Thompson - #2, and Gerry Glier, #3. Good work guys!**

**But wait, there's more! Here is the Advanced PA scoreboard from the Triple Tree stunt Championship. Congratulations to Mike Waldron - #1, Don Jenkins - #2, and Sam Niebel - #3. I'll try to get some more info on that contest too, Wayne Robinson, Mike Lindler, and I all brought 1st place trophies back to Columbia. The new hotbed of top control line pilots in the Southeast! Watch out, we're on a hot streak here in Columbia/Lexington.**

PAMPA Advanced						Judge 1 DATE	DATE
						Judge 2 DATE	DATE
NAME	1	SCORE	2	SCORE	TOTAL	PL	
TOM SMELTZER	9	406.0	2	PASS	406.0		
MIKE WALDRON	6	521.5	3	521.0	521.5	1	
RON WALDRON	3	439.5	4	377.5	377.5		
TOM MORRIS	2	481.5	6	PASS	481.5		
SAM NIEBEL	5	503.0	7	488.5	503.0	3	
DON JENKINS	7	502.5	1	513.5	513.5	2	
Vinnie Langella	4	337.5	9	33.0	337.5		
Serry Glier	8	486.0	5	479.5	486.0		
Bruce Jennings	1	474.5	8	472.5	474.5		

## Bonus Entertainment from the Southern Carolina Gang

Okay I said I was keeping it short, but what would a Pitts be good for without some movies. So click and watch, it might be good for a laugh or two.

Wayne critiques one of my practice patterns at Fort Jackson



Bob and Mike putting up their flights



Now here's Wayne showing me what my pattern is supposed to look like



Wayne flying the maiden pattern on Tom Morris' Cavalier





2016	-	METROLINA CONTROL LINE SOCIETY	-	2016

## MEETINGS, CONTROL LINE CONTESTS & HOLIDAYS

<b>Legend</b>	Holidays	MCLS Activities (Meetings, Contests, Etc.)	Other Control Line Contests	Updated: 31-Mar-16
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## SURFING THE WEB - USEFUL WEB SITES FOR CONTROL LINE:

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

Complete Control Line hobby shop and manufacturer of supplies and kits  
Also publishes **Control Line World (CLW)** magazine, which covers all aspects of CL activities.

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

Bob's contact info: [bobandedy@aol.com](mailto:bobandedy@aol.com)

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

A complete listing of control line web sites.

**Stunthanger** - [www.stunthanger.com](http://www.stunthanger.com)

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

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

**PAMPA** - [www.control-line.org/](http://www.control-line.org/)

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

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

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

**Thomas Wilk's Cartoons** - [tawilk36@cpinternet.com](mailto:tawilk36@cpinternet.com)

A collection of humorous aviation cartoons which are frequently posted on the [Flying Lines](#) website.

**Pitts Special Archives, All back issues:**

<https://www.dropbox.com/sh/b66ijo7zsvrfqp9/AAD5XUYeMXHoTDgtKsajRThNa?dl=0>

Last month I asked if anyone had trouble downloading back issues,  
but got no replies.

This month I'll ask:  
Is *anyone* able to download back issues?  
Please reply to me at [rknrusty@sc.rr.com](mailto:rknrusty@sc.rr.com)

Or  
803-603-5532

Thanks,  
Rusty

## VENDORS' CORNER

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

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

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**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@bmjmodels.com](mailto:brian@bmjmodels.com)

Laser cut FF, CL & RC kits.

Website: [www.bmjmodels.com](http://www.bmjmodels.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>

**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.



**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>

**John Saunders** - 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.

**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>



# Metrolina Control Line Society

## AMA Club # 1811

### 2016 Membership Application

Name  AMA #

Birthday (M D ?)

Mo Day : (Year) is optional if you want it known

Spouse / or?

Address

City

State

Zip

Home Phone

Cell Phone

email

General Interests / Comment

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

Current Membership Status **2016 Member**

Membership Dues

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

*Mark up any changes or corrections to your information and send or give me the application with a check, Money Order or \$. If there are no changes just fill in the YELLOW areas.  
I will give the dues money to the tres., Watt, and supdate the database*

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

Howard Shenton  
310 Drury Lane  
Mauldin, SC 29662

Phone: 864-963-3504  
email: panzer4hs2001@yahoo.com

Please include a  
Copy of your current  
AMA MEMBERSHIP CARD  
if possiable

**You must be an 2016 AMA member  
to fly with us at Waymer field**



## Directions to Waymer Field in Huntersville, NC



*See y'all next month*  
*Rusty*