



Pitts SPECIAL



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



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



April, 2016 Issue



MCLS Club Officers:

President:	Will Davis	willddavis@msn.com
Vice President:	James Duckworth	colduck@netzero.net
Sec./Treasurer	Watt Moore	medplans@truvista.net
Safety Officer:	David Smith	smitty8126@yahoo.com
Newsletter:	Rusty Knowlton	RknRusty@sc.rr.com
Information:	Howard Shenton	panzer4hs2001@yahoo.com

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, April 23rd**

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

President's Pen

April, 2016



Each year starting in May the horse industry has thoroughbred racing's Triple Crown event. It starts with the Kentucky Derby on May 7, Next is the Preakness Stakes on May 21, then the final leg of the Triple Crown is the Belmont Stakes on June 11. The challenge for someone to compete at this level and win all three races is a feat of stamina that has only been accomplished four times in the last 60 years.

Each year when Metrolina Control Line Society hosts our May contest, I get a taste of what endurance and stamina is all about. We do not have a Triple Crown in Control Line, but members of our club are heavily involved in three East Coast contests that happen around the same dates as this historic equine event.

Beginning with our three day Spring contest in May at Huntersville, the next weekend brings a full 8 days of Joe Nall at the Triple Tree Aerodrome in Woodruff SC. The Joe Nall now has a two day Stunt-only contest, held on the last two days of the event with Mark Weiss as the CD. Then comes a three week break to recover from the spectacular time at Joe Nall, and we are off again to yet another week of fun and fellowship at The 20th Annual Brodak Fly-In in Carmichael Pennsylvania.

It's a busy time for all of the Carolina Gang starting in a couple weeks. We cannot quite compare to the historical splendor of the Triple Crown, but after our three big events, we all feel we have won a endurance race when we arrive home from Brodak's magnificent week.

2000 Students

This year during the Joe Nall event we will reach a milestone that all of the green hat crew have worked very hard to reach. Sometime during mid week, we expect to reach the 2000th student that will have flown the Stevens Aero Ringrat trainer at Joe Nall. This will be a special time for all of the Green Hat Crew. We plan to have a special award to be presented to the lucky 2000th flyer, and expect the presentation will be a good photo opportunity for the press.

Gene Guffey

Gene Guffey, long time member of MCLS, has had some recent health issues that put him in the hospital for a couple weeks. Gene is back home, doing better, but still on the road to recovery. Gene is a senior MCLS member that has been judging stunt contests for most of his adult life. He has stopped judging over the past few years because of poor vision. Please keep Gene in your Prayers, and give him a call to catch up and let him know we're thinking about him.

Contest Prep

May contest preparations are in full swing. We have most things covered and will address the remaining issues at the Monthly Club meeting on April 23. We are always in need of Stunt Judges, so if you will be available, let me know.

Club Meeting

The next club meeting will be Saturday, April 23 at David B. Waymer Field in Huntersville. We fly in the morning, break for lunch, fly some more, then have club meeting at 2 pm.

The club meeting date will be during an electric R/C fly-in at the Huntersville field. The field is reserved for electric only on April 23 .So bring out your electric models and enjoy the fly in. I will have a couple electric models for training, and will also have the Ugly Betty model available for anyone that wants to try electric stunt .



Keep on Keeping on!

Will Davis

President MCLS

The Editor's Sandbox

I like to be able to use this space every month for something helpful, or at least interesting to modelers.

In the [March issue](#), I wrote about a huge gain in the battery capacity of my glow igniters after switching to 4000mah NiMH sub-C cells. I hope some of our readers benefitted from that information, along with the link to a good buy from Interstate Batteries. You can click the link above to go back and review the article on page 3 of that issue.

So this month, as I was writing a reply to MCLS member Jim Duckworth, who was asking about my experience with Rustoleum paint on model planes, I realized this was as good a topic as any, so here we go...

Rustoleum rattlecan paint has always been my main paint for the 1/2A fleet.

I'm now in the process of trying NAPA's Duplicolor acrylic lacquer (not acrylic enamel). But the Rusto is very fuel resistant when allowed to fully cure. The lighter colors seem to cure faster, and black takes the longest.

Their clear is NOT fuel resistant. That being said, I've only proven it with nitromethane, alcohol and glow exhaust residue. The effect from diesel fuel and exhaust, which contains ether and other additives is an unknown subject to me.

A week is the very least cure time in warm dry conditions, and then, only light colors. In the winter I set it next to a furnace vent. When the house stops stinking and you can only barely smell it up close, it's about ready to either fly or clearcoat (but not with Rusto clear). It can take up to a few weeks. You can also give it a light touch and see if any sign of a fingerprint shows. The print will usually disappear, but it is not ready if it cannot pass that test.

On the other hand, if it's going to be a beater, you can rush it a little, skip the clear coat and be quite alright, but just not as pretty. If it's a trainer for the kids, spray and play... common sense req. Lol. If you do opt to use gloss colors with no clearcoat, it's fine too. You will see some color on an alcohol wet cleaning rag, but it doesn't seem to significantly lose its shine nor soften and diminish in any way. It's good stuff.

When preparing to spray Rustoleum rattlecans, heat it in front of a space heater or in a pot of hot water until it's not quite too hot to hold. Shake it 3 times longer than instructed and purge the can's plumbing on a test board before moving to the model. When you're ready to make a pass, aim away from your target when you push the button. Once it is spraying, then sweep your target and keep going past it. Stop. Repeat. The hot paint will flow well, so go easy. Wait 10 or 20 minutes and apply a second coat of hot shaken paint.

I have also found that flat colors cover and adhere better, cure faster, and weigh less. If you do some minimal wet sanding after curing, clear coat will make it just as glassy as if you had used gloss colors. I hear that two part auto clear is nonreactive with Rusto and is fuel resistant (I avoid the term "proof."). I use Top Flite Lustrekote clear (also HOT), but you have to be Very careful and only dust the first coats on before giving it a glassy coat, or it will ruin your month. It also spiderwebs after a few years, at least on planes that get the sort of abuse I give them. It's labeled as fuelproof up to 15% nitro, but I drench it with 35% all the time, and it's fine. Shown at right, is a fine example of a rattlecan project by Charles a.k.a. Avaiojet of [CFC Graphics](#).

Hope that helps,

Rattlecan Rusty



Editor's Sandbox continued:

Every month I have been adding more live content, such as links to YouTube videos. I do this in hopes that it makes our newsletter interesting and fun to read. Something you'll look forward to and will want to contribute to with anything from flight reports, pictures and videos, How-To articles, and whatever else you feel is interesting to our audience. Now that the weather is getting prime for flying, I hope you'll send us some material.

Back Issues now available

I want to make back issues available, in case you want to look back at anything, like pictures of a certain plane or event, or want to print building tips or plans(if anyone sends us some). So here is an experiment. The following link is to a Dropbox folder containing all Pitts Specials dating back to when I took over the job of publishing it. I call it an experiment, because I want your feedback on how easy or not it is to access these files. They can either be read online, or downloaded for you to keep in your files. I'll post the link in every issue from now on, but if you bookmark it, it should not change.

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

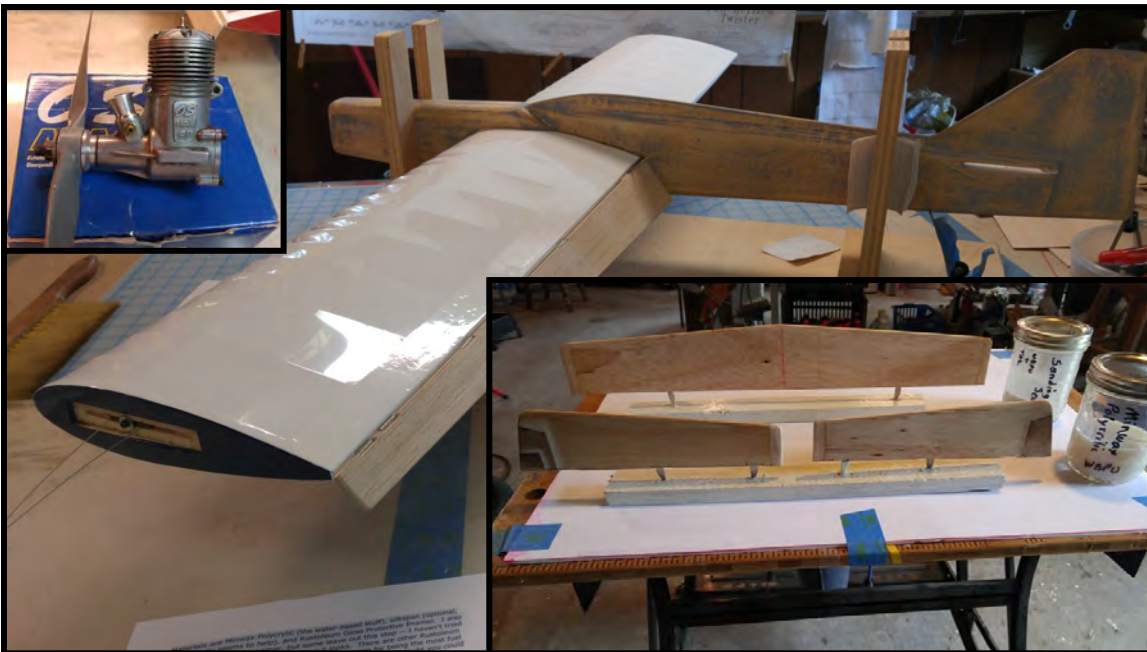
It may ask you to join or log in, however this is not necessary. Click "Ignore and continue," and all files will be available. Please let me know whether or not this works as I have described.

Thanks,
Rusty

rknrusty@sc.rr.com

The Twister build update

Here's what the Twister is looking like. Since I'm in contest mode lately, it's been simmering, but still moving. It's at that stage of sealing, silk-spanning, and sanding, that progress doesn't look like much. I'm hoping this will be the new flagship of my fleet. After hearing of my Oriental's fp.40 troubles, John Tate sent me a nice stunt modified fp.40 to take its place. Right now, it seems good with



Bob Z.'s head work, and this close to Huntersville, I thought best to leave the Oriental like it is, as my backup plane. And it didn't take me but a second to see it powering the Twister, which had been slated for an fp.35. I think the .40 will be right in its wheelhouse. I can't wait to get back on this and finish it up.

Metrolina Control Line Society

Presents the 2016 Carolina Classic

for CONTROL LINE

Stunt - Combat - Navy Carrier

April 28th - 30th

May 1st, 2016

Thurs. - Sun.

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(Fri - Sun). Large Shelter with picnic tables for Contestants & Spectators. Sandwiches, Deserts & Drinks are available at the Shelter.

Due to County and EPA regulations there can be NO PARKING IN THE SHELTER AREA. Several Handicapped spaces are available. You can drive up to the pavilion to LOAD OR UNLOAD but then must return to the parking area. VENDORS. We will try to have tables available but you may need to bring your own tables.

WE COULD LOSE THE FIELD OR VEHICLE ACCESS TO THE SHELTER OVER THIS ISSUE

No Appearance points in any stunt event. No Builder of the Model Rule. All PAMPA & AMA Rules Apply.
Awards through 3rd place

STUNT Registration at the Shelter. COMBAT & CARRIER Registration at each event site

THURSDAY & FRIDAY

All C/L Circles are open for Practice all day.
Field gate is locked. Need Key or MCLS member with key present
FRIDAY Field closed for RC.
4:00 - 6:00 PM Stunt Judges Seminar.
1/2A Combat (.061 plain bearing ok) @3 - 4:00 start (Aprox.)

SATURDAY

Stunt Registration @ 8:00 to 9:30
Stunt pilots mto. @ 9:30 No Stunt flying or Engine running
Stunt - OTS, Nostalgia 30, Profile @ 10:00 Start
Basic Flight @ 12:00 Noon
Navy Carrier - Class I & II Glow & Elect, Profile Glow & Elect, 15,
Nostalgia I, II & Profile. Pilots Mtg, 9:00 Start 9:30
Combat - Speed Limit. Pilots Mtg. 9:00 Start 9:30

SUNDAY

Stunt Registration @ 8:00 to 8:30
Stunt pilots mto. @8:30 No Stunt flying or Engine running
PAMPA - Beg., Intermediate, Advanced, & Expert. @ 9:00 Start(?)
SL Combat & Carrier if needed @TBD by ED's.

CONTACTS

Event Rules, Hotel Info, Site Map & Site Layout by request
Everett Shoemaker (CD) evjoshoe@embarqmail.com
James Duckworth (Admin) colduck@netzero.net
Will Davis Stunt ED - wlldavis@msn.com
David Smith Carrier ED - smitty8126@gmail.com
Howard Shenton Combat ED - panzer4hs2001@yahoo.com

The Southern Carolina Gang

The South Carolina branch of the Carolina Gang is always burning circles at Fort Jackson

We've been plagued with 10-25 mph winds like everybody else in the whole country seems to be, but sooner or later you just gotta fly. So we've been out at both Fort Jackson and Bob Zambelli's place. This past Sunday at the fort there was not a cloud in the sky, and temps in the low 70s. My mission was to get my fuel, needle and launch protocol figured out for both contest planes. That would be the Oriental and the Cardinal. So Wayne, Bob and I descended upon Fort Jackson to deny a cool steady 15 mph Nor'Easter from keeping us down. The wind was coming clean off the flatlands that some call the Beach and others call the Desert, and there were menacing sand devils crossing the runway while we defiantly fired up our engines. It was time to take control of these Nationwide April winds that have grounded meeker pilots and splintered the ships of the bold. It was a brave mission indeed. And we all got some amazingly good flights, though some were pretty tricky, flying in survival mode. I got both planes figured out and managed a couple of patterns that would've gotten the pattern points. Nobody had any unintended landings, so we'll call that mission accomplished.

Wayne brought his self-designed hybrid stunter, the Intermediate Death Star, or IDS. It has an LA.46 with a 4-1/2 oz. chicken hopper. What a brute! It powers through the wind solid as can be. I got a few pictures in it, which you'll see in the slideshow/video (right), preceding Bob's flight of the Icarus Junior.



Bob described the Icarus Jr. in my flight report on Stunthangar as follows:

Regarding the Icarus Jr, it is, as I recall, a late 40s/early 50s design by John Coasby from Great Britain. Mine is powered as was the original by an ETA 29 rear rotor speed engine. It turns a Top Flite 10-6 wooden prop at around 11,000 RPM on 10-22 50/50 fuel. I feel that in the right hands, this combination could be a top competitor in Old Time Stunt. It does fly fast - around 80 MPH.



Letters & Stories from our readers - you send it, we print it

The flight report for this month's installment is once again from John Tate of the Norfolk Aeromodelers. It's already made the rounds among their members, but for the rest of us, here's John's flight report.

Hi Gang.

Norfolk Aeromodelers flying at the Chesapeake Field today 04/18/16:

Today Artie Jessup, Phil Spillman and I went out to the Chesapeake field to do some flying. Jimmy and Judy Welch came out to check on how the grass was growing. Jimmy did a great job mowing the grass last week. The field is still in great shape. The weather was nice for control line flying. Believe it or not, the wind was only about 5MPH today. Not a cloud in the sky.

Artie came out fly his Enya 45 powered P40 profile and his Super Tigre 60 powered Legacy. Phil came out to fly his Dragon and a Hellcat profile.

I came out to fly my electric powered Vector with a Rogerio Fiorotti timer and my Super Tigre .51 (new ABC Piston & liner), P-47 Profile.

Phil's Dragon in flight



Artie at the handle flying his P40



Today was nice day to be out flying. The weed whacker wore me out. Tight lines.
John Tate



Phil at the handle



This page is for your flight reports, builds, and whatever else you'd like to share with our readers.
So no matter if you are in this club or another, or even none at all... get out and have some fun, because without your contributions we'll have to leave this page empty.

2016	-	METROLINA CONTROL LINE SOCIETY	-	2016

MEETINGS, CONTROL LINE CONTESTS & HOLIDAYS

Legend	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

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.

Bob's contact info: bobandedy@aol.com

Phil Brown's Web site: www.mastercontrollinelinksite.info/

A complete listing of control line web sites.

Stunthanger - www.stunthanger.com

Stuka Stunt - www.cstunt.com/htdocs/dc/dcboard.php

Tulsa Glue Daubers Website - www.tulsacl.com/

PAMPA - 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

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

Here is James Duckworth's paper replica of WW-II, B-24 Bomber
The Strawberry Bitch... If you'll pardon the wartime lingo



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

Norine Armish - Phone: 717-805-4457. Email: 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

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. (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

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

Expertly machined parts and tools for model building.

Website: www.leemachineshop.com

Bob Machado - Phone: 508-404-6376. Email: 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

Laser cut FF, CL & RC kits.

Website: www.bmjmodels.com

Bill Mandakis - Phone: 336-499-1192. Email: 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.

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

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.

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

Randy Smith - Phone: 687-407-9376. Email: 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



That's a wrap!
See y'all in Huntersville!