

THE CARRIER WAVE

PHANTOM FLYERS R/C CLUB



ama #393 SAINT CHARLES, MO

March 2017

Newsletter of the Phantom Flyers R/C Club

<http://phantomflyersrc.com>

CLUB OFFICERS

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Vice President - Don Grzina	(636) 233-0193
Secretary - Jim West	(636) 387-0804
Treasure - Jose' Espinosa	(636) 947-6067
Safety Officer - Dave Evans	(636) 448-4800
Field Manager - Don Grzina	(636) 233-0193
Chief Flight Instructor - TBD	
Activities Chairperson - Ed White	(636) 441-6431

Send Membership Renewals to:

Jim West

9 Teak Court

St. Peters, MO 63376

Board of Directors:

Work

Home

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Dave Evans	Retired	(636) 448-4800

**Phantom Flyers R/C Club
February 20, 2017 Meeting Minutes**

The meeting was called to order by Club President Jan Jansen at 7:00 pm. There were 12 members in attendance. The meeting was held Mark Twain Hobbies.

Tech Session

Kevin Cox brought in a YEP 120 Speed Controller connected to a Byron Original motor connected to a ducted fan. The YEP is sold at Hobby King and cost \$120. Personal thanks from the Secretary who is looking for a new ESC for a Pattern Plane.

Don Grzina showed off his repaired Mustang. The plane was restored and painted using pictures of a P-51 purchased at Osh Gosh. The plane looked fantastic. Good job Don.

Secretary's Report

The January meeting minutes were approved.

Dan Sundman renewed membership at the club at the meeting.

With Dan's renewal, the club currently has 40 members, excluding family and non-participants.

Safety Managers Report

Ed White was contacted by the State of MO who offered a free safety inspection of the club.

Field Managers Report

The gravel near the gate is on the thin side. RF Hauling was contacted to get a price on some gravel. They offered 220 sq yards for \$525. This is 2 loads. The cost is \$720 if the gravel is washed. They will likely not spread the gravel so we would have to spread it and may need to rent a blade. We would like to get more quotes for rock.

We may need to have Johnny cleaned with warmer weather here.

T-Posts were discussed to prevent unwanted visitors from tearing up the field. Brian Malloy offered to look into it.

Club Activities

Brian Malloy lead a discussion about the activities schedule.

Old Business

With the weather being nice it was suggested that we may want to talk to the roofer.

New Business

- The NATS are scheduled for July 25 thru 29.
- The Boeing Flight Test Group has asked for permission to use our field test out UAV's to be used by their Safety and Fire Protection Group. They should use AMA guidelines. Not sure of schedule.

Meeting was adjourned.

jjw 2/26/2017

Members Models/Projects

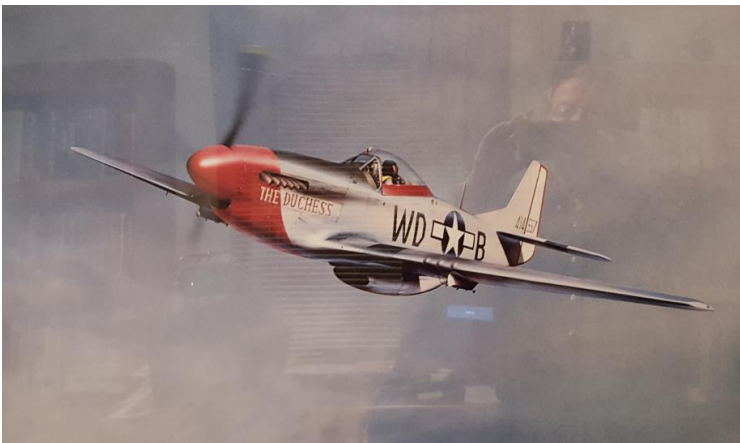
As mentioned in the meeting minutes Don Grzina showed us what can be accomplished from a little inspiration, glue, and creativity!

The first image is a photo of my inspiration, a lithograph I spotted in 2003 at Oshkosh. I had to have it, and it hangs in my home office. Second photo is the aftermath of a mid-air, encounter with Bill's Spitfire last July. The motor was broke and the nose broken off the fuselage, but it was repairable. The following photos were taken Thursday before re- maiden.

I used Gorrilla Glue for the nose and to fill a few prop strikes. Tamiya acrylic flat aluminum and tinted with chrome silver was airbrushed overall. Tamiya red and white was airbrushed for squadron colors. Callie-Graphics made the custom graphics from my documentation; since added to her lineup. Callie also provided a sheet of stickers for standard P-51 stencils. A coat of Tamiya flat clear killed the sheen. A toothpick dipped 1/4" in black tinted flat clear for airbrushing exhaust stain and gun smoke. I added a few scale details such as the tactical radio mast, a long range radio antenna wire, and seat armor/headrest.

More eye candy.

The second flight after these photos exposed an assembly error. The horizontal stabs fit into a recess on the fuselage. E-Flite provided clear tape to fix them to the fuselage. I intended to use a dab of canopy glue, but never got to it. The plane flew into the dirt in a shallow dive went the right stab departed the aircraft. No photographic evidence of that event exists.





Thanks Don!

Callie graphics is a great resource for custom vinyl graphics or mask. Prices are reasonable and the turn-around is usually very fast.

<http://www.callie-graphics.com/>

2017 Flying Season Cometh!

This is the time of year when I start thinking about warm weather and RC modeling. Most of us have some sort of Lithium powered model and will have to re-acquaint ourselves with safely maintaining and charging packs. Jim West is currently in the market for new batteries and this prompted an interesting conversation of about fires, pack charging and other 'what-ifs'. Jim mentioned a product that he saw on Kick-Starter called, Bat-Safe. While this is no means an endorsement for the product but it is an item that could potentially prevent fires in our homes or vehicles. The ad reads, 'The lipo charging solution worth MORE than any insurance. Charge and store up to 12S 5Ah (222Wh) equivalent in a storage area of 12x9x7 inches'



The container is supposed to prevent flames from escaping should the user have some sort of failure during charging or transporting the packs. Most of us use LipoSacks, ammo boxes or some other type of readily available container. With the exception of the LipoSacks the others weren't designed to be used as a Lithium-Polymer containment devices. Jim and I both agree that having a properly designed container designed for this is a good idea. One of the features that this product brings is that you don't have to baby-sit the packs while they are charging but you should ☺.

Now you can charge your LITHIUM BATTERIES SAFELY!

Batteries blamed for fire that destroyed Stoke home

STOP

BAT-SAFE

GO

WARNING

BAT-SAFE

The simple solution to safe charging of LIPO batteries

I believe Jim has pretty much committed to purchasing a couple of these and it really isn't a bad idea. It is a simple design so something could be constructed if you wanted to but the video appears to show it working as advertised. At a price of \$46.45 at Hobbyking (backorder of course) it seems reasonably priced.

Links:

<http://www.bat-safe.com/web/>

<https://www.kickstarter.com/projects/228823410/bat-safe>

https://hobbyking.com/en_us/lithium-battery-charging-safe-box.html

Don't forget to renew your membership and include the one-time special assessment of \$40 applies only to renewing 2016 members.

<http://phantomflyersrc.com/>

<https://www.facebook.com/Phantom-Flyers-RC-Club-139791882811519/>

Check there for the back issues of the Carrier Wave Newsletter, mowing schedule, event calendar and club roster/contact information (handy for mowing).

Articles, pictures and tech notes for publishing in the Carrier Wave are always appreciated. Let us know what you are building, repairing or flying!

Send them to:

kevcov@charter.net