

# **THE CARRIER WAVE**

## **PHANTOM FLYERS R/C CLUB**



**ama #393 SAINT CHARLES, MO**

**February 2018**

Newsletter of the Phantom Flyers R/C Club

<http://phantomflyersrc.com>

### **CLUB OFFICERS**

### **Contact Number**

---

President - Jan Jansen	(314) 921-9420
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**

Ed White	(314) 232-1479	(636) 441-6431
Dan Sundman	(314) 749-4029	(636) 352-0150
Mitch Galatioto	(314) 234-5141	
Dave Evans	Retired	(636) 448-4800

## Phantom Flyers Club Meeting Minutes - January 15, 2018

President Jan Jansen opened the meeting at 7:20 pm at Mark Twain Hobby. There were 7 members in attendance.

### Tech Session

Larry Anderson presented a 3D printed Spitfire that has about a 50 inch wingspan. It took 48 hours to print the plane and used around \$10 worth of material. The software used was 3D Printshop. The cost of a printer for home use ranges from \$800 to \$1,000. The printer made sub-assemblies which were later glued together with CA. Bill Moran from the Wright City Flyers will complete the assembly. Hopefully we can witness a flight. Nice job Larry on the presentation.

### Secretary's Report

There were no meeting minutes to approve as December's meeting was the Christmas dinner. The Club currently has 37 regular members. Ways of increasing and maintaining membership was discussed.

### Treasurer's Report

Club finances were reviewed.

### GSLMA Report

There was no GLSMA report

### Field Managers Report

- Don reported that he inspected the field last Saturday.
- We received a bad lawn job at the south end of the field and we will need to shovel it down.
- The mole is alive and well. We discussed methods of getting rid of moles.
- Don requested the county to work our drainage ditch. It is getting full which makes it easy to drive into our field.
- Don got rid of one of the two push mowers to make more room in the shed. That mower did not run well.

### Activities Chair Report

Eight flyers attended the January 1st opening day fly in. It was extremely cold.

Sept 29 is the date for our Pattern Contest.

Ed is still the Activity Chairman.

### Old Business

We need a Training Instructor. Volunteer if you are interested.

### New Business

Ways of drawing in new members was discussed. Some ideas presented were to host an Open House, support Quads in some fashion, use Community News, host a Fun Fly.

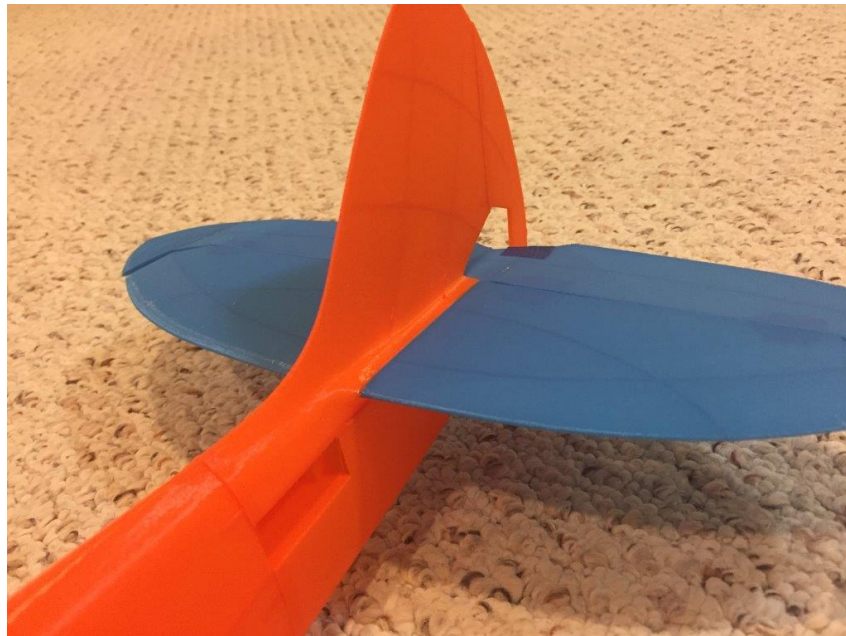
Club member group communication was discussed. Using something like Yahoo groups was an idea that was floated. This is done at Wright City Flyers with good results.

Mark Twain will no longer offer gift cards to the local clubs. Instead they will offer a 10% discount too all club members. They do not want to use "card" identification as a means of verifying members. They have asked us to provide them our roster and the discount will automatically be assigned to your account. The Mark Twain cards were used to provide contest prizes. As such, the glider contest prizes were discussed.

jjw 2/11/18

# Members Models/Projects

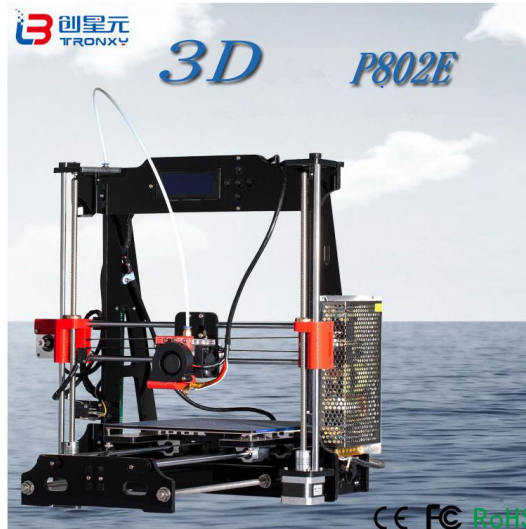
As mentioned earlier club member, Larry Anderson, presented a 3D printed model of a Spitfire. I for one can't wait hear the flight report. Good Luck Larry!



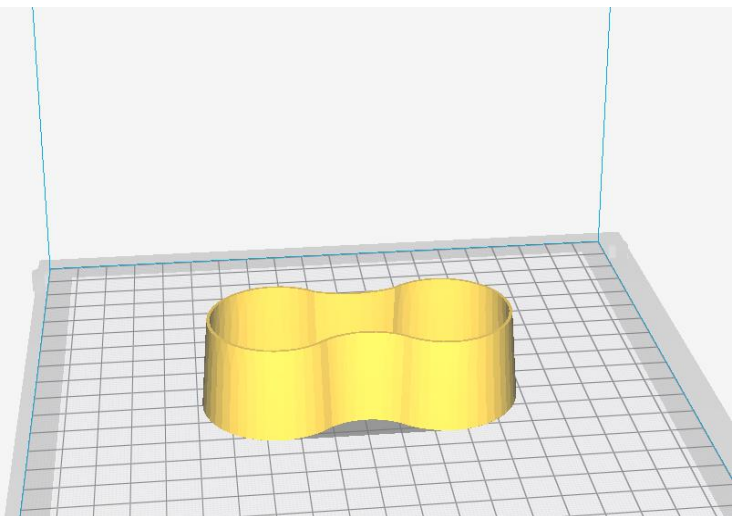
## 3D Printers

3D printers, in kit form, are relatively inexpensive. A little over a year ago, I purchased a Tronxy P802E kit (170.00) off of eBay and a couple of hours later I had a 3D printer. It took about another hour to make it a functional 3D printer, had I opted for the P802MA I might have saved about 30 minutes on setup. The P802MA has an auto leveler for the print head, the P802E doesn't and it took me a while to figure out what they were looking for. When I did, I can level it in a couple of minutes now. I also figured out if you just build it and don't try to move it from location to location you don't have to level it much at all.

Keep in mind this is an inexpensive printer and its construction features a lot thick pre-cut and drilled Plexiglass and 3D printed parts. Since it is plastic it isn't really sturdy so when you move it usually requires you to level it again. The process 'leveling' is making sure the print head has proper and consistent space between the build plate. If it isn't your project won't adhere to the build plate or the print head will dig into the heated build plate or it can do both if the plate isn't level on all corners.



My decision to get a 3D printer was to make parts for my models. The first parts I made were for my micro MiG-31 Foxhound. I designed the parts in (CAD) Fusion 360 and exported it to the printer program (Cura) and an hour or so I had the rear exhaust nozzle. Following that, I designed a nose cone protector. By printing these parts I did not have to make a plug for vacuum forming or fiber glassing. Is it faster? No. I am still learning 3D CAD part of it, which takes a lot of trial and error. Don't let your lack of CAD skills stop you because a web site named Thingiverse.com has lots of free parts that others have designed. You are welcome to search, download the files you want and print.



# Area Events

The Belleville RC Flyers will host a Swap Meet Saturday, March 3, 2018 at the Swansea Moose Lodge 1221, located at 2425 North Illinois Street, aka Highway 159. This is immediately north of the Swansea Metro Link station on the west side of the highway.

..Admission is \$5 and table rental is \$10 each. Vendors at 7:30, general admission at 8:00 AM. There will be an RC model raffle. Call Dave at 618-401-2451 or Darwin at 618-205-3340 (H) or 618-531-2329 (C), email: [blkbrdvet@charter.net](mailto:blkbrdvet@charter.net) for questions.

..This is a new location from the last 3 years. Straight south of the St Clair Center shopping mall or north of the Belleville square.

Darwin Evelsizer, Club Secretary

# Phantom Flyers RC CLUB

(Be sure to explore our website: [phantomflyersrc.com](http://phantomflyersrc.com))

## **2018 MEMBERSHIP APPLICATION**

- Regular \$135/year x \_\_\_\_ yr(s) = \_\_\_\_\_  
 Family (IRS Dependents) \$140/year x \_\_\_\_ yr(s) = \_\_\_\_\_  
 Non-Participant (Non flying) \$15/year x \_\_\_\_ yr(s) = \_\_\_\_\_

\*\*\*\* Late Renewal Fee \*\*\*\* \$15 \_\_\_\_\_

}

Select  
All  
That  
Apply

Note: All new applications received after 1 July of this year will receive next year's dues free

(Late fee required if member has not paid by 31 Dec)

Total Amount Due = \_\_\_\_\_

Make checks payable to:  
**Phantom Flyers RC Club, Inc.**

	<u>Eligible Member</u>	<u>Additional Family Member</u>
Member Name (/Nickname)	_____	_____
AMA Number	_____	_____
Primary Phone (home/cell)	_____	_____
Secondary Phone (work/cell)	_____	_____
Street	_____	_____
City, State, Zip	_____	_____
Spouse's Name	_____	_____
Primary E-Mail Address	_____	_____
Can Mow Flying Field? (Yes/No)	_____	_____

**My signature below signifies that:**

***I have read, understood and will abide by the Phantom Flyers RC Safety and Field Use Rules.***

***I understand that my participation in this activity is purely voluntary and I agree to hold Phantom Flyers RC Club, Inc. harmless for any and all liability for any injuries including death, which I might sustain while participating in this activity.***

**Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Submit form and membership dues to:**

Jim West  
 9 Teak Court  
 Saint Peters, MO 63376  
 Full members only, please send S.A.S.E.

<b>For Club Administrative Use Only</b>	<b>Dues Received</b> _____ <b>Date</b>	<b>Current AMA Received/Shown</b> _____ <b>Date</b>
---	---	--

<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:

[kevcox@charter.net](mailto:kevcox@charter.net)