

# **THE CARRIER WAVE**

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



**AMA #393 SAINT CHARLES, MO**

**May 2020**

Newsletter of the Phantom Flyers R/C Club

<http://phantomflyersrc.com>

### **CLUB OFFICERS**

### **Contact Number**

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President - Bill Ahrens	(314) 913-3819
Vice President - Mitch Galatioto	(314) 234-5141
Secretary - Ed White	(636) 219-2255
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 - Jim West	(618) 498-9058

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### **Send Membership Renewals to:**

Ed White

10 Wolf Ridge Ct

St Charles, MO 63303

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### **Board of Directors:**

#### **Work**

#### **Home**

Ed White	Retired	(636) 219-2255
Dan Sundman	(314) 749-4029	(314) 749-4029
Mitch Galatioto	(314) 234-5141	
Dave Evans	Retired	(636) 448-4800

## Phantom Flyers RC Club Meeting Minutes

The April club meeting was considered non-essential and canceled in consideration of the coronavirus.

Phantom Flyer RC Club Members,

All club events for the month of **May and June are cancelled due to the Covid-19 pandemic**. The situation will be monitored and reassessed before July events resume.

To reiterate a previous notice, the Club will remain open for individual flying. Limited to 10 members at a time.

This decision was made with agreement of the BoD, Club Officers and the Activities Chairman. A primary consideration is the overall age of our members and the vulnerability of each and their loved ones. During phase 1 and Phase 2 of the Government's guidelines vulnerable individuals should continue to shelter in place. I believe Missouri is in Phase 1. Please note other clubs are cancelling events as well including, various swap meets, the Innsbrook float fly and at least 3 Pattern contests so far.

Stay Safe

Jim West

(First Year Activities Chairman and loving it.)

- Field is open
- Ensure everyone maintains a safe social distance from each other
- Hand sanitizer is in restroom
- **All events thru June are canceled (meetings & flying events)**
- Stay Safe.
- The traditional Innsbrook Float Fly on May 23 has been canceled.

Hello Phantom Flyers,  
I submitted some info from our 2019 Pattern Contest to be placed in the District News section of the June Model Aviation Magazine. Don't forget to check it out.

Hi Kevin,

I wanted to let you know I just finished my June Article.  
Your submission and some of the pictures will be in my column in the June edition!  
Hope you and your club members enjoy.  
Thank You for your submission!!!

*Gary Himes*

Academy of Model Aeronautics

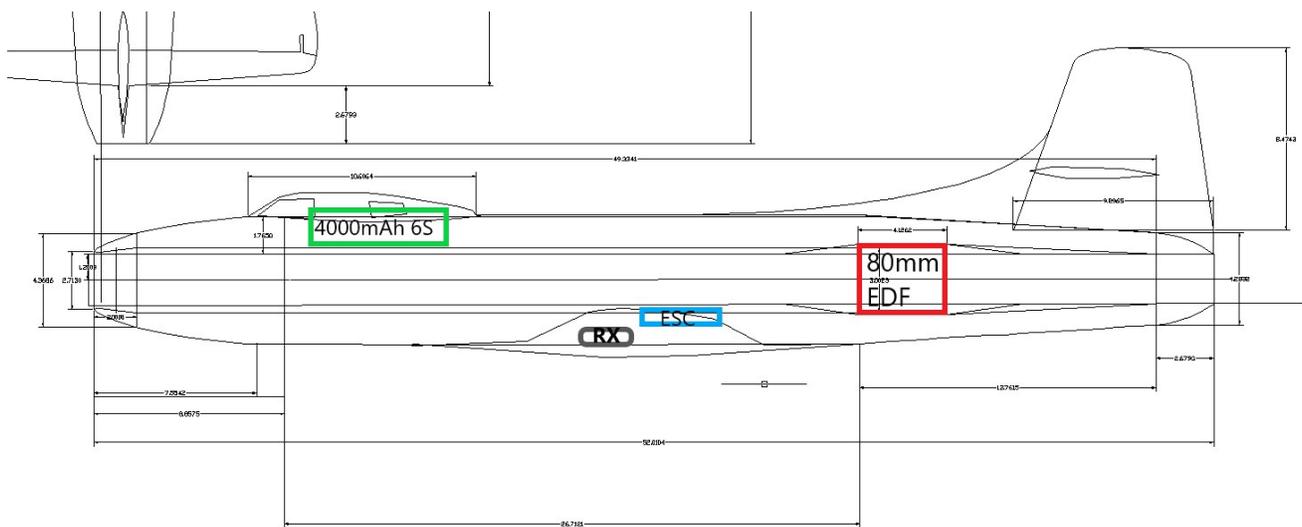
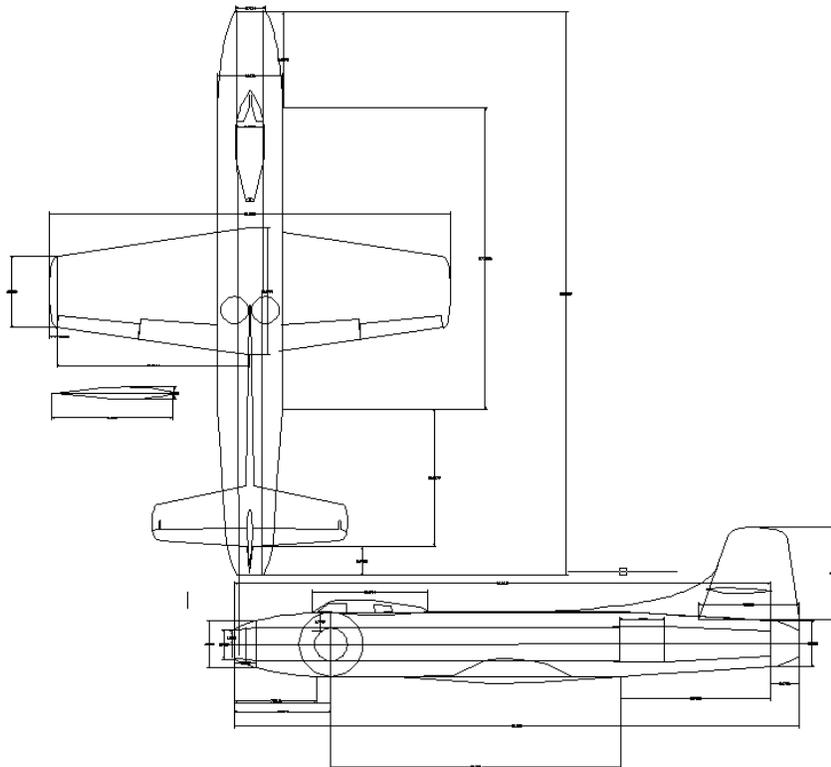
District VI, Vice President

[AMADistrictVI@modelaircraft.org](mailto:AMADistrictVI@modelaircraft.org)

## Quarantine Project Douglas D-588-1

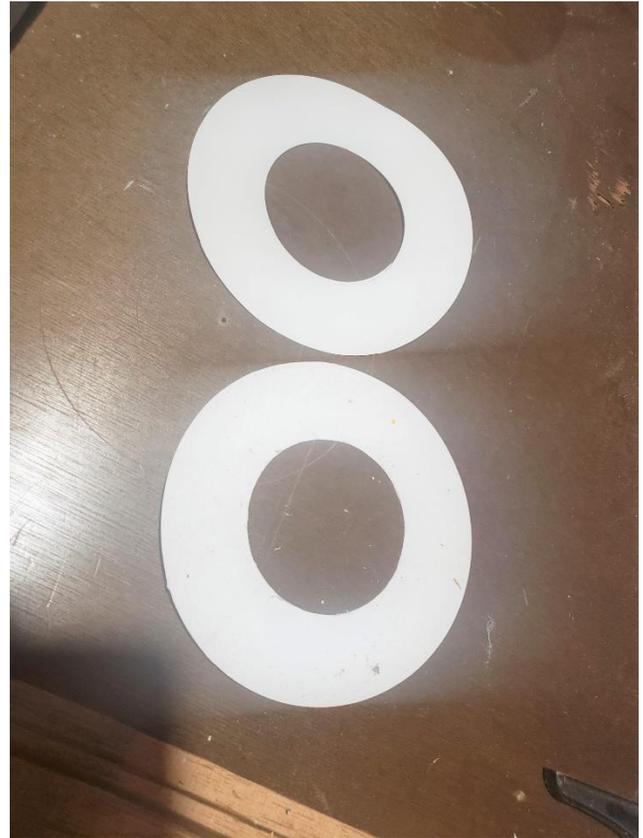
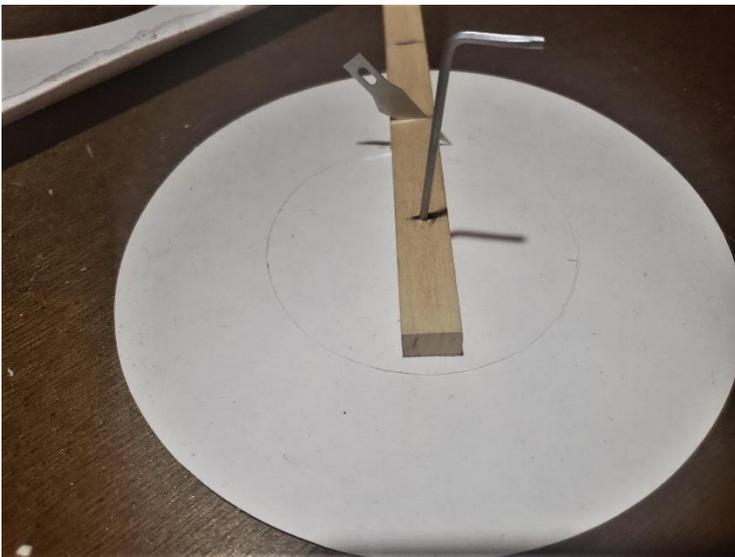
I selected and started my project, Douglas D-588-1. It will be constructed out of foam (blue), I would have preferred to use the lighter white foam but I will save that for another project.

Since I used blue foam it will be a heavier bird and while a 70mm on 6S should fly it, an 80mm fan on 6S will be better. I traced the 3-view drawing into AutoCAD to allow me to measure and scale as needed. After this I decided to settle on a size of 52" long with a span of 37".



The design of the fuselage is broken into 3 main sections. The forward section includes the nose to mid-way to the canopy, about 9". This will have to be shaped by carving and putting it into my vertical lathe (drill press) for fine tuning. The 2<sup>nd</sup> section is just a 27" cylinder shape and will be hotwire in a form of top and bottom halves.

The 3<sup>rd</sup> section is conical like and it will be cut like the 2<sup>nd</sup> section be with 3 different templates and is about 17.75" long.



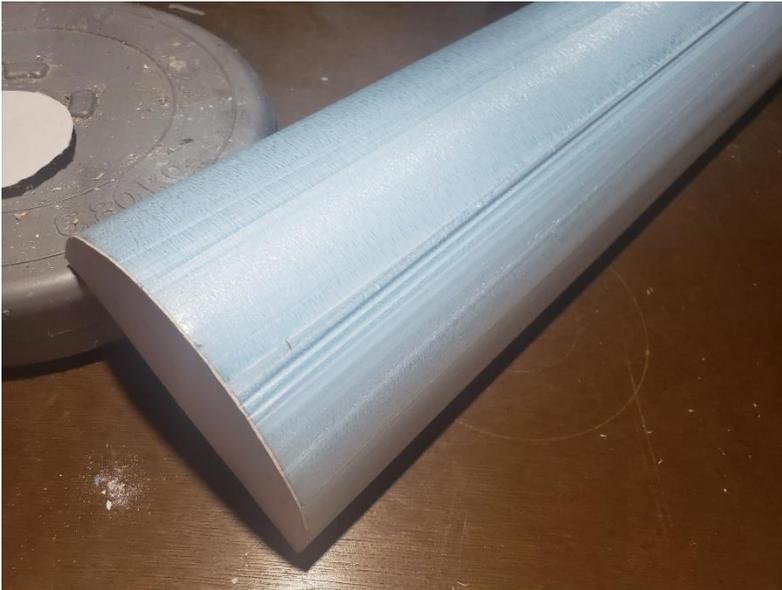
Making poster board templates to be used for section 2 (cylinder). They are 6" in diameter with a 3" center hole.



Poster board template for section 1 (nose). I modified my Dremel scroll saw to be a hotwire jigsaw. A series of 2" thick disk will be stacked and glued together. Once together, I can start the fun part, making blue dust.



With the initial hand sanding done time to temporarily glue ends on to mount it to the drill press for more sanding. The center, for ducting will have to be removed. I haven't decided if I will cut it in half or drill a starter hole for the hotwire.



Section 2 (cylinder) cut and rolled over the intake duct cut and removed. The process is fairly quick but it will slow when I get to the final sanding and finishing.

For the finish, I have a few methods that I use to finish foam models,

The first is to sheet the foam in 1/32" balsa and then glass it with 3/4" glass cloth or iron-on film.

Another method is to cover it with brown paper (Kraft) and mixture of Elmer's Carpenter Glue and water. I could, if wanted to, cover with  $\frac{3}{4}$ " glass cloth for additional strength.

The last option is to use 1.5 oz glass cloth.

The wings will be covered in balsa for sure and glassed afterwards.

Hopefully some of you found this interesting.

Look! A D-588-1 and a F3H Demon in the same photo!



Event	Club	Type	Day	Date	CD	Remarks
Snow Fly	PFRC		Wednesday	1-Jan		
<b>MARCH</b>				1-Mar		
2M Sailplane Contest	MVSA	2M Sail	Saturday	21-Mar		
<b>APRIL</b>				1-Apr		
Swap Meet - Granite City	MAW	Swap	Saturday	4-Apr		
2M Sailplane Contest	MVSA	2M Sail	Saturday	18-Apr		
<b>MAY</b>				1-May		
F3A Aerobatic Fun Fly - Hillsdale	RCB	F3A	Saturday	2-May	Vince Bartone	Hillsdale Lake, Olathe KS
Tail Gate Swap Meet	Spirits	Swap	Saturday	9-May		
2M Sailplane Contest	MVSA	2M Sail	Saturday	16-May		
Pylon Racing	Spirits	Race	Saturday	16-May		
<b>2M Sailplane Contest</b>	<b>PFRC</b>	<b>2M Sail</b>	Saturday	<b>23-May</b>	<b>NEED</b>	
Innsbrook Float Fly	Innsbrook	Float	Saturday	23-May		
F3A Pattern Contest - Hillsdale	RCB	F3A	Saturday	30-May	Vince Bartone	Hillsdale Lake, Olathe KS
<b>JUNE</b>				1-Jun		
Electric Fly In	MAW	Elec	Saturday	6-Jun		
F3A Pattern Contest - Joliet	Joliet	F3A	Saturday	6-Jun	Ray Shroba	Edwood, IL
<b>2M Sailplane Contest</b>	<b>PFRC</b>	<b>2M Sail</b>	Saturday	<b>13-Jun</b>	<b>NEED</b>	
F3A Pattern Contest - Anoka	Anoka	F3A	Saturday	13-Jun	Brian Dorf	Anoka, MN
2M Sailplane Contest	MVSA	2M Sail	Saturday	20-Jun		
F3A Pattern Contest - Pittsburg	Pittsburg	F3A	Saturday	27-Jun	Ihncheol Park	Pittsburg, KS
F3A Pattern Contest - Chicago	Tri Village	F3A	Saturday	27-Jun	Bob S & Mike M	Hanover Township, IL
<b>JULY</b>				1-Jul		
Warbird/Classic/Giant Scale Fly in	MAW	Warbd	Saturday	11-Jul		
F3A Pattern Contest - Lee's Summit	KCRC	F3A	Saturday	11-Jul		Lee's Summit ,MO
Wright City Flyers 29th Anniversery	Wright	Fun	Saturday	11-Jul		
<b>Meet Me in St Louis Pattern Fly-In</b>	<b>PFRC</b>	<b>F3A</b>	Saturday	<b>18-Jul</b>	<b>Ed White</b>	<b>NATS July 19-23</b>
2M Sailplane Contest	MVSA	2M Sail	Saturday	18-Jul		
F3A Pattern Contest - NATS	AMA	F3A	Sunday	19-Jul		Munci, IN
<b>2M Sailplane Contest</b>	<b>PFRC</b>	<b>2M Sail</b>	Saturday	<b>25-Jul</b>	<b>NEED</b>	
Pylon Racing	Spirits	Race	Saturday	25-Jul		
<b>AUGUST</b>			Saturday	1-Aug		
F3A Pattern Contest - Omaha	Omahawks	F3A	Saturday	8-Aug	Bob Wheeler	Omaha, NE
<b>Scale Fly-In and Contest</b>	<b>PFRC</b>	<b>Scale</b>	Saturday	<b>8-Aug</b>	<b>NEED</b>	
2M Sailplane Contest	MVSA	2M Sail	Saturday	15-Aug		
F3A Pattern Contest - Cedar Rapids	C. Rapids	F3A	Saturday	22-Aug	Mark Barnett	Cedar Rapids, Iowa
<b>Joint Fun Fly - @PFRC</b>	<b>PFRC</b>	<b>Fun</b>	Saturday	<b>29-Aug</b>	<b>NEED</b>	
<b>SEPTEMBER</b>				1-Sep		
Innsbrook Float Fly	Innsbrook	Float	Saturday	5-Sep		
F3A Pattern Contest - Great Bend	Mack SF	F3A	Saturday	12-Sep	Joe Dunnaway	Great Bends, KS
<b>2M Sailplane Contest</b>	<b>PFRC</b>	<b>2M Sail</b>	Saturday	<b>12-Sep</b>	<b>NEED</b>	
2M Sailplane Contest	MVSA	2M Sail	Saturday	19-Sep		
3D Fly In	MAW	3D	Saturday	19-Sep		
F3A Pattern Contest - Tamarack		F3A	Saturday	19-Sep	Joe Burzinski	Menomonee, WI
<b>F3A Pattern Contest</b>	<b>PFRC</b>	<b>F3A</b>	Saturday	<b>26-Sep</b>		<b>Sept 25-27</b>
Pylon Racing	Spirits	Race	Saturday	26-Sep		
Jet Fly	MAW	Jet	Saturday	26-Sep		
<b>OCTOBER</b>				1-Oct		
<b>2M Sailplane Contest</b>	<b>PFRC</b>	<b>2M Sail</b>	Saturday	<b>17-Oct</b>	<b>NEED</b>	
<b>DECEMBER</b>				1-Dec		
Christmas Dinner	PFRC	XMAS	Saturday	5-Dec	Bill Ahrens	
<b>Joint Fun Fly - @Wright City</b>	<b>Wright</b>	<b>Fun</b>				<b>Date TBD</b>

# Phantom Flyers RC CLUB

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

## 2020 MEMBERSHIP APPLICATION

- Regular \$150/year x \_\_\_\_ yr(s) = \_\_\_\_\_  
 Family (IRS Dependents) \$155/year x \_\_\_\_ yr(s) = \_\_\_\_\_  
 Non-Participant (Non flying) \$15/year x \_\_\_\_ yr(s) = \_\_\_\_\_  
 Anonymous Donations Welcome

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

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

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

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

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

### Eligible Member

### Additional Family Member

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:**  
Ed White  
10 Wolf Ridge Ct.  
St. Charles, MO 63303  
Full members only, please send S.A.S.E.

<i>For Club Administrative Use Only</i>	Dues Received _____ Date	Current AMA Received/Shown _____ Date
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<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)