

# **THE CARRIER WAVE**



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



**AMA #393 SAINT CHARLES, MO**

**June 2021**

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 - Dan Dierking	(314) 406-4949
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 - Chris Sostman	(xxx) xxx-xxxx

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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 (B-)	(636) 219-2255
Dan Sundman	(314) 749-4029	(314) 749-4029
Mitch Galatioto	Retired (C+)	(636) 734-6322
Dave Evans	Retired	(636) 448-4800

**Phantom Flyers RC Club Meeting Minutes  
May 2021**

Minutes from the May meeting are currently unavailable.



## 2021 Open House 5/22

Great time at the Phantom Flyers Open House today. Attendance was less than expected, but we still had a good time. We had two new members join. Thanks to everyone that helped. Here are a few aerial shots from the event. William Ahrens won the raffle for the PNP airplane from Red Wing RC. (courtesy of Dan Dierking/Facebook)











## Taft Hobby Limited Cobra 90mm EDF Kit

I purchased a new foam EDF jet called Cobra. It was manufactured by Taft Hobby and its introduction to the market was early 2014 for about 500.00. The model was sold as a 90mm EDF ARF the was powered by 6S lipo pack and later a 8S version was also available. The Taft Cobra made it up to version 3 "V3" before sells dropped off and everyone stopped selling them. The most notable upgrade in the versions were the stronger retracts and the control surface hinges were also improved.

The only ones available these days are the 'bare' kits meaning no retracts, servos, ESC or fan/motor. I purchased mine from Banggood and it was on sale for 150.00 but AliExpress stocks them too. These are version 2 as the hinges looked different and the models have blemishes or compression spots (lightly crushed foam). When my model arrived, I set it aside to track down retracts and purchase the servos, I have enough fans and ESC that I could scratch that off the list.

The retracts are the same ones used on the current Taft Hobby 90mm Viper and they show up on RCGroups Classified sections from time to time for 50-60 dollars. I waited and waited, but in the end, I went to RC-Castle site and ordered the V1 tricycle retracts for Viper for 100.00. The original servos are the 9-gram variety and based on the guys flying on 12S, the 9g servos are fine and it need 9 of them! The original required 2 reverse servos, 1 for a flap and 1 for half the elevator. I purchased these from Motion RC and I think it was about 80.00.

The model came with dry transfer decals pre-installed. I removed them by rolling tape over the surface. This gives me a white foam canvas to paint later but orientation stripes were added test flights. Because it is EPO foam, I have lots of finishing options.

### Flights

I have about 6 flights on it now. The model is configured with a 9S 3300mAh pack, a Jet Fan 90mm with a HET 700-68-1400 motor and a Hobby Deluxe 160-amp HV controller. This gives me a very lightweight setup with a flight time of about 4 minutes, with throttle management. I can't use the flaps because one servo will not center properly, luckily it doesn't need them. The nose gear steering mechanism has been binding and preventing the gear from lowering. This has happened 3 times and resulted in the tail end of the model breaking off when I belly landed in the grass. I am very happy with the flying qualities but I really struggle to keep the foam from getting heavily dinged or gouged.



Home > Toys Hobbies and Robot > RC Drones > RC Airplane



Taft Hobby Cobra TD-02 1300mm Wingspan EPD Ducted 90mm EDF Aerobatic RC Airplane Fixed-wing Jet KIT - Red

★★★★★ 4 Reviews | 8 answered questions | ID: 1642553

**US\$274.99** US\$349.99 **-21%**

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CN

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US\$298.99

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**GSLMA Report** (supplied by Harold Weaver)

**G.S.L.M.A.**  
**Treasurer's Report for May 31, 2021**

Beginning balance at 4/30/2021	25,773.18
Total Deposits for 5/1/2021 to 5/31/2021	.00
Permits {and Donations} – {\$0.00}	
<b>Debits for 5/1/2021 to 5/31/2021</b>	
Auto Pay - Web Hosting Fee –	4.00
Bank - Statement Fee	<u>5.00</u>
Total - Net	9.00
Ending Bank balance as of 5/31/2021	<u>25,764.18</u>
Checks Deposited Sunday, May 30, Bank credit June 1	1,409.00
Total Funds available	<u>27,173.18</u>

Prepays: Meeting Room Rent at Kirkwood some months into 2021; R&R Unit #1 and #2 to June 30, 2021

Reminder notice: Bank Statements are sent directly from the Bank to a third party for independent review.

179 permits for October through May: 92 donations totaling \$1,578; donations ranged from \$5 to \$94; Average \$17.15.

Permits comparison next page.

Month	Permit	Year	Permit	Year	Permit	Year
Issued	20	21	20	20	20	19
	MO	YTD	MO	YTD	MO	YTD
Oct	7	7	5	5	36	36
Nov	53	60	46	51	24	60
Dec	34	94	19	70	30	90
Jan	31	125	39	109	42	132
Feb	20	145	21	130	10	142
Mar	19	164	18	148	20	162
Apr	15	179	2	150	15	177
May	16	195	7	157	9	186
June			23	180	2	188
July			5	185	1	189
Aug			15	200	8	197
Sep			10	210	4	201
Total YR		195		<u>210</u>		<u>201</u>

2021 Permit	CL Only	FF Only	RC Only	Rocketry Only	Drone Only	Combo	Not Reported	Total
Oct			6			1		7
Nov	1		33		6	13		53
Dec	4		22	2	1	5		34
Jan (next yr)	1		24	1	1	4		31
Feb			10	2	3	5		20
Mar			13			6		19
Apr	1		7		1	6		15
May			8	2	3	3		16
June								
July								
Aug								
Sep								
Total '21	7	0	123	7	15	43		195
2020	12	0	124	9	17	48		210

EXPERIENCE	Beginner	Intermediate	Expert	blank	Total	Youth
2021 Permit YTD	37	120	38		195	9
2020 Full YR	46	122	42		210	13

David Whitney –Treasurer, GSLMA

# MOWING SCHEDULE as of 6/13/2021

**IF YOU ARE UNABLE TO MOW THE SCHEDULED WEEK,  
IT IS YOUR RESPONSIBILITY TO SWAP WITH A REPLACEMENT.**

April				
2	9	16	23	30
		Jack Buydos	Jan Jansen	Jim West
		Don Grzina	Brad Young	Don Grzina
			Chris Sostman	Jack Buydos
May				
7	14	21	28	
Jim Alberico	Jose Espinosa	John Klein (a)	Bill McMenamy (a)	
Ed White	Willie Hinnah	Mitch Galatioto	Brad Young	
Keven Cox	Bill Ahrens	Jan Jansen	Chris Sostman	
June				
4	11	18	25	
Jim West	Bill McMenamy (b)	Jose Espinosa	Jim Alberico (b)	
Don Grzina	Ed White	Willie Hinnah	Mitch Galatioto	
Jack Buydos	Kevin Cox	Bill Ahrens	John Klein	
July				
2	9	16	23	30
Jan Jansen	Jim West	Jim Aberico	Jose Espinosa	Bil McMenamy
Brad Young	Don Grzina	Ed White	Willie Hinnah	Mitch Galatioto
Chris Sostman	Jack Buydos	Kevin Cox	Bill Ahrens	John Klein
August				
6	13	20	27	
Jan Jansen	Jim West	Jim Alberico	Jose Espinosa	
Brad Young	Don Grzina	Ed White	Willie Hinnah	
Chris Sostman	Jack Buydos	Kevin Cox	Bill Ahrens	
September				
3	10	17	24	
Bill McMenamy	Jan Jansen	Jim West	Jim Alberico	
Mitch Galatiota	Brad Young	Don Grzina	Ed White	
John Klein	Chris Sostman	Jack Buydos	Kevin Cox	
October				
1	8			
Jose Espinosa	Bill McMenamy			
Willie Hinnah	Mitch Galatiota			
Bill Ahrens	John Klein			

\* Note: Weekend of the Phantom Flyers Pattern Contest; much preferred to be completed by sundown Thursday, Sep 24<sup>th</sup>. Additional volunteers for field prep will be greatly appreciated.

# Phantom Flyers RC CLUB

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

## 2021 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)

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

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

	<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:**  
 Ed White  
 10 Wolf Ridge Ct.  
 St Charles, MO 63303  
 Please send S.A.S.E. if you want your membership card mailed

<b>For Club Administrative Use Only</b>	<b>Dues Received</b> ____ Date	<b>Current AMA Received/Shown</b> ____ 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)