

# **THE CARRIER WAVE**

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



**ama #393 SAINT CHARLES, MO**

**August 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 - Ed White	

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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

## **Minutes of the Phantom Flyers RC Club meeting on 19 July 2021**

The July club meeting was held at the field and opened at 6:30. Vice President Dan Dierking chaired the meeting. Five members were present. There were 8253 guests (sweat bees).

Minutes of the June club meeting are approved as published in the Carrier Wave.

Treasurer's report. No report.

Safety Officers report: No formal safety officer report. No safety issues were raised.

Field Manager's report: We still have a field. Green mower needed and got a belt replacement.

Activities:

GSLMA Report: No report reviewed.

Old Business: No old business.

New Business: No new business

Motion to adjourn/seconded and passed at 6:45. The guests were disappointed that the meeting was so short, but it was their own fault.

Ed White

Secretary, Phantom Flyers RC Club

**Let's All Congratulate Club President  
Bill Ahrens On His New Career!**



Bill is now painting street center lines for St Charles County  
(Paved part of Wiedey Road SE of the field,  
looking NE)

## 2021 August At the Field





## Li-Ion Packs the New Round Cells Continued

I have started flight testing models with the Li-Ion 21700 40T packs. The Freewing Avanti, a 80mm EDF, on 6S is one of the test model.

Charging the packs showed that they can get pretty warm, more like Nicads and NimHs. They were warm enough that, if they had been Lipos I would have terminated the charge. After they finished charging I read 95F on the packs with the surround surfaces reading 86F.



The test flights were successful and the power was down slightly when compared to Lipos. With Lipos, my flight time was about 4.5-5 minutes, with Li-Ions I achieved a 10 minute flight!

After landing, I checked the temperature of the packs, 85F at the start and 110F after landing.



The next model that I tested was a Freewing T-45 which is a 90mm 6s in a model. This model has a flight time of 3.5 minutes with a 5000mAh but I achieved 6.5 minutes but it was struggle as the models lost a gear door on takeoff and one of the main landing gear failed to fully retract.

Unfortunately during testing on the Avanti, I crashed it when it went low on power after a 9 minute flight. I actually landed and for reasons I now regret powered up to make another landing attempt.



# MOWING SCHEDULE

**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)