

# **THE CARRIER WAVE**



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



**AMA #393 SAINT CHARLES, MO**

**May 2022**

Newsletter of the Phantom Flyers R/C Club

<http://phantomflyersrc.com>

### **CLUB OFFICERS**

### **Contact Number**

President - Dan Dierking	(314) 406-4949
Vice President - Don Grzina	(636) 233-0193
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	

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

Ed White

10 Wolf Ridge Ct

St Charles, MO 63303

### **Board of Directors:**

### **Work**

### **Home**

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

## Minutes of the Phantom Flyers RC Club meeting on 18 April 2022

The March club meeting was held the field and opened PM. Club President Dan Dierking chaired the meeting. Eight club members were present.

Tech Session: No tech session

Secretary's Report - A motion was made and passed to accept the minutes of the March 2021 meeting as published in the April Carrier Wave.

Treasurer's Report - We have a comfortable amount in the treasury, enough for 2022 operating expenses.

Safety Officer's Report - Safety officer was not present. A cautionary tale was raised from an occurrence in the Spirit's club. A flyer started up his large gas plane and the throttle got accidentally bumped up causing the plane to pull forward and severely injure the pilot's hand. The airplane was not restrained. And the morale of the story is familiarity breeds, perhaps not contempt, but an assumption that everything will behave the same way it behaved the last 100 times you did this. Don't trust this assumption. Restrain your plane when starting an engine or powering up an electric. The 100 times it all happened as expected doesn't matter when the unexpected only has to happen once.

Field Manager's Report - IT'S BLEEPIN' WINDY AND COLD HERE!!!!

Activities Chair Report - April 30 swap meet fly in. April 24 Columbia, IL Swap Meet. June 18 has been selected as the date for our indoor Swap Meet. I am looking at 4-5 glider contests and will schedule them shortly.

GSLMA Report - Minutes are in the CW.

Old Business - None

New Business - None

The meeting was adjourned at 6:44 PM. Did I mention it was windy and cold?

Ed White  
Secretary

[https://www.faa.gov/uas/recreational\\_fliers/knowledge\\_test\\_updates/](https://www.faa.gov/uas/recreational_fliers/knowledge_test_updates/)

<https://dronetrust.com/faa-trust/>

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Supplied by Harold Weaver

GSLMA Meeting- May 3, 2022 (date below is incorrect)

**GSLMA Meeting – Tuesday, April 3, 2022**

Location: Kirkwood Community Center

Notes by: Jeffrey C. Young

Meeting called to order: 7:07pm

Roll Call – Lafayette Esquad, St. Louis Rocketry, Aero Pilots, Phantom Flyers, and Whirlybirds present.

March minutes – read and approved.

Treasures Report:

None.

Buder Park Permits:

Permits 2022: 177

Permits 2021: 215

Old Business:

- Sealing in control line to begin once insurance is provided to SLCPD. John D. will power brush RC area soon.
- Rocket Pavilion – location in Northwest corner of Buder. Location to be reviewed by SLCPD once approved by GSLMA. Motion to accept proposed location, second, approved, none opposed. Flood study next on list and Pavillion construction type to be determined.
- Flight Stands – repairs complete on all stands.
- CD's for August 27<sup>th</sup> event are filled.

New Business:

- Control line area speed circle fence to be replaced via SLCPD with GSLMA paying part of the costs. Need to determine from SLCPD reason for replacing and look at type of proposed fence construction.
- Clean up day at Buder for August 27<sup>th</sup> event. Date TBD.

Meeting closed 7:55pm

All,  
The Swap Meet is June 18th. We will need people to help work the door, concession, raffle, door prizes, and assist vendors with bringing their stuff in. Please put it on your calendars. The more people we have, the smoother all will go. I hope to make this an annual event to help generate funds for the club.

Thanks!

Mitch



# ***Phantom Flyers R/C Club Swap Meet***

**Saturday, June 18th, 2022**

**O'Fallon Elks Lodge  
1163 Tom Ginnever Ave O'Fallon, MO**



**Set-Up at 8:00 am  
Doors Open from 9 - 1**



**\$5 Entry  
\$10 per Table**



**Reserve Tables in Advance or at the Door  
Send e-mail to: [swapmeet@phantomflyersrc.com](mailto:swapmeet@phantomflyersrc.com)**

## At The Field

Club member Jose, has a new DLSR (camera) and snagged these great shots!



## Douglas D-558-1 Update!

Work on this model comes and goes as I get distracted or other more important projects/duties takes precedence.

I started with the tail-cone plug that I 3D printed some time ago. I didn't want to disturb the occupants of the house by turning on the oven, setting up a vacuum former, which requires a loud shop-vac next to the oven. So, for the tail-cone I opted to use a heat gun and a larger plastic soda bottle. The plug is placed in the bottle and with the application of heat the plastic bottle starts to shrink. This was looking good until the 3D printed part also started to shrink and deform. Lesson learned.

After the tail-cone fiasco next up was the canopy. This plug, shaped out of foam, sheeted with balsa and finally covered aluminum tape. I added stand-off to the bottom of plug and used my vacuum former to pull a clear canopy.

The fuselage has now been glassed and will get a second coat of thinned epoxy later. The retract mounting blocks have been installed but one of my original concerns showed up. The retracts, struts and wheels are too thick to fit flush into the wings and I purposely made the wing thicker to accommodate for this. The pictures below show it once again in the mock-up mode before glassing. I need to cut out the ailerons and flaps before I can glass the wing.



Note, that the heated deformed plug shows the inner surface of the 3D printing process.



## 2022 Phantom Flyers RC Club Flying Site Mowing & Task Schedule

Weekend dates shown are Friday dates.

It is expected the mowing will occur within five days of the scheduled date.

The bold name is the team captain, responsible for scheduling the team.

Contact your team to arrange mutual date and time.

Coordinate container access with one of the following people prior to mowing.

Don Grzina (636) 233-0193, Ed White (636) 219-2255,

Mitch Galatioto (636) 734-6322

Report any equipment or grounds problems to any club officer.

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

April				
1	8	15	22	29 *1
		<b>Bill Ahrens</b>	<b>Jack Buydos</b>	<b>Jan Jansen</b>
		Jim Alberico	Jose Espinosa	Dan Sundman
		Ed White	Willie Hinnah	Brad Young
May				
6	13	20	27	
<b>Jim Greenwood</b>	<b>Jim West</b>	<b>Jim Alberico</b>	Jim West	
John Klein	Don Grzina	Jose Espinosa	<b>Dan Sundman</b>	
Mitch Galatioto	Kevin Cox	Willie Hinnah	John Klein	
June				
3	10	17	24	
Bill Ahrens	Jim Greenwood	<b>Jose Espinosa</b>	Brad Young	
<b>Don Grzina</b>	<b>Brad Young</b>	Jack Buydos	<b>Jim Greenwood</b>	
Jack Buydos	Jan Jansen	Jim West	Dan Sundman	
July				
1	8	15	22	29
Jim Alberico	<b>John Klien</b>	<b>Don Grzina</b>	Jim Greenwood	Dan Sundman
<b>Willie Hinnah</b>	Kevin Cox	Jan Jansen	John Klein	Jan Jansen
Bill Ahrens	Mitch Galatioto	Willie Hinnah	<b>Ed White</b>	<b>Kevin Cox</b>
August				
5	12	19	26	
Don Grzina	Brad Young	<b>Jim Alberico</b>	<b>Mitch Galatioto</b>	
Jim West	Mitch Galatioto	Jose Espinosa	John Klein	
<b>Bill Ahrens</b>	<b>Jack Buydos</b>	Ed White	Dan Sundman	
September				
2	9	16	23 *2	30 *3
<b>Jose Espinosa</b>	<b>Jim West</b>	<b>Brad Young</b>	<b>Bill Ahrens</b>	<b>Ed White</b>
Jim Alberico	Jack Buydos	Kevin Cox	Jan Jansen	Jim Alberico
Willie Hinnah	Don Grzina	Jim Greenwood	Jim West	Kevin Cox
October				
7	14			
<b>Bill Ahrens</b>				
Jack Buydos				
Dan Sundman				

\*Notes: Additional volunteers for field prep will be greatly appreciated.

\*1: Swap Meet / Fly In weekend \*2: Open House weekend \*3: Pattern Contest weekend



List Month Week Day June 2022 GO < >

Mon	Tue	Wed	Thu	Fri	Sat	Sun
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	<b>18</b> 8:00 am: phantom flyers r/c club indoor swap meet	19
<b>20</b> 6:30 pm: june club meeting	21	22	23	24	25	26
27	28	29	30	1	2	3

● Club meetings ● General 🖨 Print



Wiedey Rd, St Charles, MO 63301



<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:

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