

THE CARRIER WAVE



PHANTOM FLYERS R/C CLUB



AMA #393 SAINT CHARLES, MO

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

Minutes of the Phantom Flyers RC Club meeting on 20 December 2021

The December club meeting was held via Zoom and opened at 7:02 PM. VP and Prez-elect Dan Dierking chaired the meeting. Nine club members were present.

Tech Session: Don Grzina presented a small, totally self-contained inclinometer that you read from a smartphone via Bluetooth. He plans to use two to set up control surface throws.

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

Treasurer's Report - The club is still solvent. The full Treasurer's report is available to any club member upon request. Membership renewals are due now. Please get them in. Don Grzina paid by a credit card service since he does not have a PayPal account. If you are paying dues by PayPal, please consider adding some additional to cover the PayPal fee of approx. \$5-6.

Safety Officer's Report - Safety Officer Dave Evans was in attendance. No safety issues were raised.

Field Manager's Report - The grass has (probably) quit growing. A small committee was again formed to look at options for a new mower. Still searching for something that is suitable and affordable. Someone parked a motorcycle at the field. It was a bit beat up. The battery and had been removed and it had no license plates. The St Charles County Sheriff was notified and an officer came to look at it. They ran the VIN number and found that it was not reported stolen and had never been registered in the state of MO. Since it was abandoned on private property, they told us we could have it removed. We left it for a few days and it was removed for us.

Activities Chair Report - We have no more events for the year and currently no Christmas party is planned. The next event will be the traditional New Year's Day Snow Fly.

GSLMA Report - They plan to do an AMA Model Aviation Day event. Also plans are in work to resurface the asphalt.

Old Business

FAA Safety Review Management Panel (SRMP). if you have not done so, please respond confirming whether you have or have not taken the TRUST test and have a current registration and have put your registration numbers on all planes before you fly them. The meeting had been planned for December 1 and 2. The FAA needed to reschedule due to availability of critical people. The review is now scheduled for Jan 4 and 5.

New Business - Nothing raised

The meeting was adjourned.

Ed White
Secretary

https://www.faa.gov/uas/recreational_fliers/knowledge_test_updates/

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

Winter Building Season

I have a list of models that I need to have completed for the 2022 flying season. The first was to put the final paint scheme on my Byron Originals F-16 that I converted to EDF. The next is to complete my Douglas D-558-1 Skystreak that I started in mid-2020. After that I may finish my scratch-built twin 90mm EDF F-15 or start a new project (T-7A Redtails) but the focus, right now are the F-16 and Skystreak. I plan to have them flight ready by early March. I also have some repairs to do on other models.

The progress on the F-16 has been good. The weather improved enough for the painting process to commence in the middle of December. The painting is done, decals printed and applied. The model transitioned from maiden to Primer Camo and finally NSAWDC (TOPGUN) can be seen below. I still need to strengthen the area under the canopy and add a nose wheel door. After painting this model, and getting lots of debris in the paint from the very windy conditions outside (I painted it in the garage), I have decided to give Latex paint a try on my next model. With rattle can spray paint (Rust-O-Leum) you are limited to what you can do if debris or errors are made in the process. With Latex it could be removed or re-sanded if needed and re-applied as needed.



The Douglas Skystreak is also going well. I had to relocate the horizontal fin lower on the vertical fin to improve the look. When I was drawing it in CAD I screwed up the location on the fuselage and therefore all the measurements. I knew it was incorrect and drew a separated assembly above it with the correct measurements, but I never used it, until now. Now I need to fill in the opening for the old location and then cut the openings for the elevator and rudder servos. The servos have been ordered and should be here soon.

Since I can't do much else, I decided to work on modifying the E-Flite 80mm F-4 Phantom main retracts to fit this project. The wheels are about 2.65 inches in diameter and the Skystreak will require a diameter of 2.45 inches. I chucked the foam tires into a drill and used 100 grit sand paper to achieve the proper diameter, they are too wide but good enough. The strut length is also too long, by about .5 inch and had to be trimmed and the set screw holes need to be drilled and tapped.



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

Beginning balance at 11/30/2021	24,707.75
Total Check Deposits for 12/1/2021 to 12/31/2021	2,556.00
Permits {and Donations} – {\$595.00}	
PayPal – Permits {and donations} – {\$156.52}	1,281.58
 Debits for 12/1/2021 to 12/31/2021	
Auto Pay - Web Hosting Fee –	4.00
Debit Card – Postage, Laminating Pouches, Badge Holders	128.24
Bank - Statement Fee	<u>5.00</u>
Total - Net	137.24
Ending Bank balance as of 12/31/2021	<u>28,408.09</u>
Checks held for deposit	1,179.00
PayPal received for unprocessed permits	71.85
Total Funds available	<u>29,515.24</u>

Prepays: Meeting Room Rent at Kirkwood thru December 2021;
R&R 2 units through December 31

Payables: Hayden and Ryan permits due \$71.85

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

85 permits for November: YTD 42 donations totaling \$913.52;
YTD donations range from \$3 to \$116; Average \$21.75

Permits comparison next page.

Month	Permit	Year	Permit	Year	Permit	Year
Issued	20	22	20	21	20	20
	MO	YTD	MO	YTD	MO	YTD
Oct	7	7	7	7	5	5
Nov	27	34	53	60	46	51
Dec	85	119	34	94	19	70
Jan			31	125	39	109
Feb			20	145	21	130
Mar			19	164	18	148
Apr			15	179	2	150
May			16	195	7	157
June			12	207	23	180
July			2	209	5	185
Aug			5	214	15	200
Sep			1	215	10	210
Total YR		119		<u>215</u>		<u>210</u>

2022 Permit	CL Only	FF Only	RC Only	Rocketry Only	Drone Only	Combo	Not Reported	Total
Oct			3		3	1		7
Nov			20		4	3		27
Dec	6		51	5	5	18		85
Jan (next yr)								
Feb								
Mar								
Apr								
May								
June								
July								
Aug								
Sep								
Total '22	6	0	74	5	12	22		119
2021	7	0	131	8	18	46		215

EXPERIENCE	Beginner	Intermediate	Expert	blank	Total	Youth
2022 Permit YTD	25	72	22		119	4
2021 Full YR	44	131	40		215	11

David Whitney –Treasurer, GSLMA

GSLMA Meeting – Tuesday, January 4, 2022

Location: Kirkwood Community Center

Notes by: Jeffrey C. Young

Meeting called to order: 7:12pm

Roll Call – Lafayette Esquadrielle, St. Louis Rocketry, Phantom Flyers, and whirlybirds present.

December minutes – read and approved.

Treasures Report:

BB: \$24,707.75

Checks to be deposited: \$2,556.00

Debts: \$137.24

Total Funds Available: \$29,515.24

Motion, second, and passed.

Buder Park Permits:

Permits 2022: 119

Permits 2021: 215

Old Business:

- Rocket Pavilion (multi use pavilion) meeting with SLCPD went well. Not opposed to building pavilion. Need to have flood study done which maybe the biggest thing to overcome from a cost perspective. All pavilion drawings will need to go through SLC permitting and approved. Look into items discussed with SLCPD and review.
- Fred to contact McConnel for sealing CL and RC areas.
- Buder Fun Fly on Saturday, August 27 – coordinate usage of all areas, etc.

New Business:

- None.

Meeting closed 7:42pm

FLASHBACK!

Phantom Flyers 2M Sailplane Contest 8/01/2015









2022 Swap 'N' Shop

We Are Back

Saturday, February 5, 2022



John Knox Pavilion

Hours: 9 A.M. – 3 P.M.

RC Planes-Boats-Helicopters-Cars
(Buy-Sell-Trade)

Admission \$5.00 – Kids Under 12 Free

Concessions Available at Noon

Walk-up Registration begins 8 A.M.
(Assuming tables are available)

Vendor setup at 8 A.M.
Doors Open to Buyers at 9 A.M.

Please Consider Friday Evening Setup

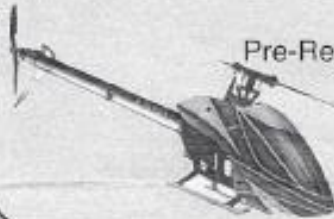
Pavilion will be open for setup from 5–7 P.M.
and will be secure over night

Mail Registration Form and Fee to:

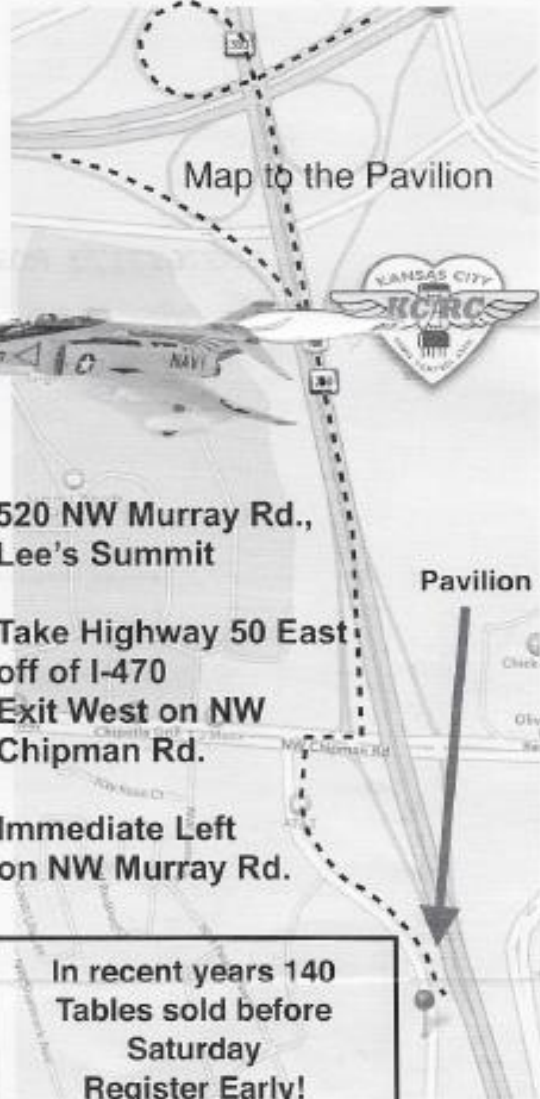
Duane Hulen
KCRC Swap 'N' Shop
1020 SE 11th
Lee's Summit, MO 64081

Pre-Registration is Recommended
Tables sell out fast!

Questions? Call Duane at
816.516.4526 or email
drhulen@sbcglobal.net



Write on this form when you return it if you have a preferred location for your table(s)!



520 NW Murray Rd.,
Lee's Summit

Take Highway 50 East
off of I-470
Exit West on NW
Chipman Rd.

Immediate Left
on NW Murray Rd.

In recent years 140
Tables sold before
Saturday
Register Early!

Registration Form

Name _____
Address _____
City/State/Zip _____
Phone _____
Email _____@_____

Tables Wanted	#	Price
8 Foot Table		\$25.00
Additional Vendor Admission		\$5.00

Limited Floor Space for large models, first come, first serve.
2 table purchases required for floor space.

Last date for Pre-Registration—Jan 24, 2022
All table locations will be assigned by KCRC
One Vendor Admission for each 8' table

Vendor Badges 1. _____ 2. _____
3. _____ 4. _____
5. _____ 6. _____

Phantom Flyers RC CLUB

(Be sure to explore our website: phantomflyersrc.com)

2022 **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.

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

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

<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