

# **THE CARRIER WAVE**

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



**AMA #393 SAINT CHARLES, MO**

**April 2023**

Newsletter of the Phantom Flyers R/C Club

<http://phantomflyersrc.com>

### **CLUB OFFICERS**

### **Contact Number**

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President - Ed White	(636) 219-2255
Vice President - Don Grzina	(636) 233-0193
Secretary - Mitch Galatioto	(636) 734-6322
Treasure - Jose' Espinosa	(636) 947-6067
Safety Officer - Dave Evans	(636) 448-4800
Field Manager - Don Grzina	(636) 233-0193
Chief Flight Instructor - TBD	
Event Coordinator - Dan Abel	(314) 707-0138

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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	Retired	(636) 734-6322
Dave Evans	Retired	(636) 448-4800

# Phantom Flyers R/C Club Meeting Minutes - 20 March 2023

**Attendees:** 13 club members were in attendance on the Zoom meeting which started at 7:01 pm. People I recorded were: Ed White, Harold Weaver, Mitch Galatioto, Dan Abel, Bill McMenamy, Jose Espinosa, Don Grzina, Don Bollinger, Mike Wallis, Dave Evans, Bill Ahrens, Jim West, and Kevin Cox.

**New Members:** None in attendance, however, Ed met with new member Karel Beetge at the field. Welcome to the club Karel!

**Technical Session:** Ed White provided a presentation on the Mars Ingenuity helicopter. The helo has 4-foot diameter counter rotating blades, weighs 4 pounds on earth, but only 1.5 pounds on Mars, and has to withstand -130 degrees F at night on the surface. Very fun fact - the Ingenuity carries a swatch of fabric from the Wright Brothers aircraft wing located at the Smithsonian Museum of Flight! Very interesting presentation, thank you Ed! Upcoming presentations will include Jose Espinosa showing us his new flight data recorder. If you wish to do a tech session, contact Ed.

**Secretary's Report:** The February meeting minutes were approved as written.

**Treasurer's Report:** Jose provided the club's current financial status and the club continues to be in good financial status. There was some discussion on the club renewing our field insurance policy Jose will provide the policy to Ed for review to ensure we are properly covered. Ed will also renew the Club's AMA charter. The report was approved.

**Safety Officer's Report:** No issues to report this month.

**Field Manager:** Don Grzina stated that the field did not require mowing yet. Please let Don know if you are willing to mow this year so he can create the mowing list. Don is still looking into a roller to smooth the field. He is working the Jack Buydos on the Columbia R/C club method and will look into if the St. Charles Saints can loan us their concrete roller. Someone suggested using Molmac to encourage the moles to move on.

**Activities Report:** Dan Abel provided the following.

**2m Glider Contest** - April 2nd with Jan Jansen as CD. The rules have been distributed by e-mail. If you did not receive it, contact Dan.

**Open House** - April 29<sup>th</sup>, at the field. There will be food and flying, so come out to help and participate! Dan has a sign-up list for all that needs to be done and several have already volunteered, thanks! The club approved \$150 to pay for the expenses.

**GSLMA Report:** Harold Weaver provided an update to the charging station layout which has a standard 120v household plug for chargers. Aviation Day will be held on 12 August at the GSLMA field, however, they were not successful in reserving the soccer and baseball fields, so be careful when over-flying those areas. The club discussed loaning our field to the Whirlybirds to help with their contest, however, due to restrictions imposed by our FAA agreement, it was determined that we are regrettably unable help out.

**Old Business:** Ed contacted the AMA to get an update on our club's FAA - Recognized Identification Area (FRIA) request. There was no progress to report. The FAA will probably not review until sometime in the summer. Ed will keep us posted. **New Business:** None.

Meeting adjourned at 7:48 pm.

Respectfully submitted,

Mitch Galatioto, 2023 Secretary, Club Member, Board of Directors, Mowing Crew and actual R/C pilot!

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

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

# Safety Rules to Fly-By

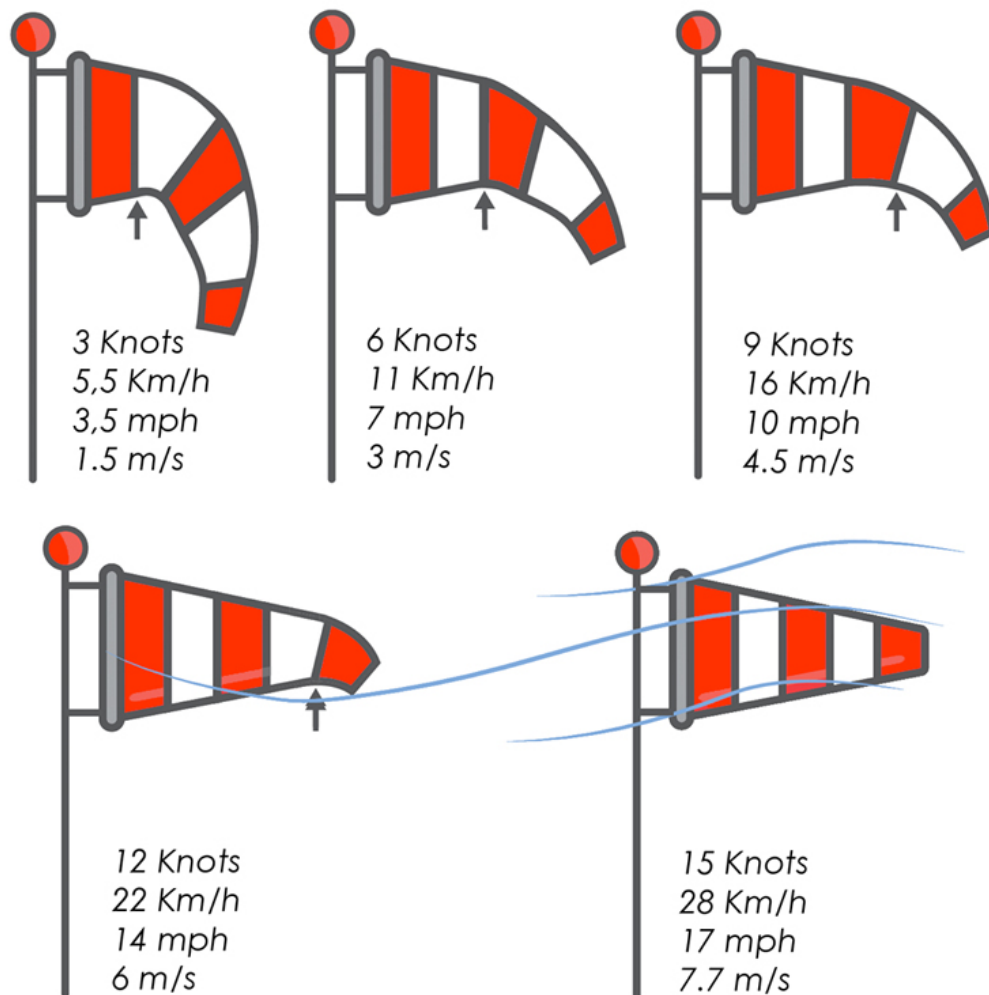
(submitted by Mitch Galatioto)

A few excerpts from our Safety Rules. Always good to read through them on occasion to ensure we are all following them. If you need an electronic copy of them, please ask any officer. Thanks for keeping our field safe!

Safety Rule of the Month:

1. The current Academy of Model Aeronautics National Model Aircraft Safety Code shall be applicable to all flying at the field. In situations where specific guidance is not provided, sound judgement must prevail.

Here's a graphic representation of all windsock speed measures.



The height installation of windsocks depends on the purpose.

## At the Field

Jose has a new model EDF called Vulcan. It is manufactured by Freewing and is available from Motion RC. It is a 70mm EDF class.



# GSLMA Report

supplied by Harold Weaver

## GSLMA Meeting – Tuesday, April 4, 2023

Location: Kirkwood Community Center

Notes by: Jeffrey C. Young

Meeting called to order: 7:04pm

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

March minutes – Read, motion, second, pass, none opposed.

Treasures Report:

None

Buder Park Permits:

None

Old Business:

- FRIA Application has been reviewed by AMA and sent to FAA.
- Ball field reservation for model aviation day – they have already been reserved. Can not fly over fields.
- Fred reached out to McConnel – Will meet with them on April 14<sup>th</sup>. RC Area will be on spring schedule. Will have to verify if a price increase will occur.
- Fred met with Mike L. of SLCPD at Buder in CL area: pavilion needs a new per Mike L. roof – SLCPD will pay for half of the total (estimated total cost \$5200)– GSLMA cost would be \$2600. Motion for new CL pavilion roof, second, passed, none opposed. CL Speed Circle – waiting for more information on layout and cost.
- Fred will ask SLCPD again about clearing out the bottle neck at the swamp.
- April 22 for swamp clean up 9am.

New Business:

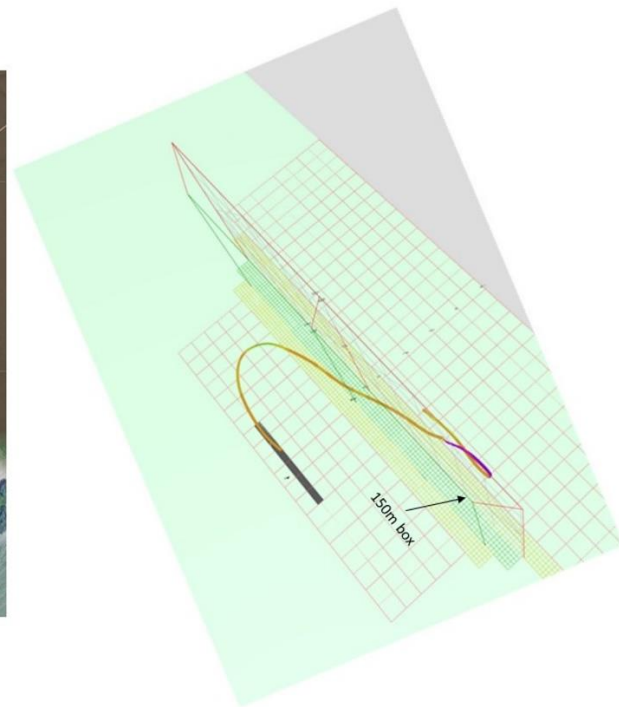
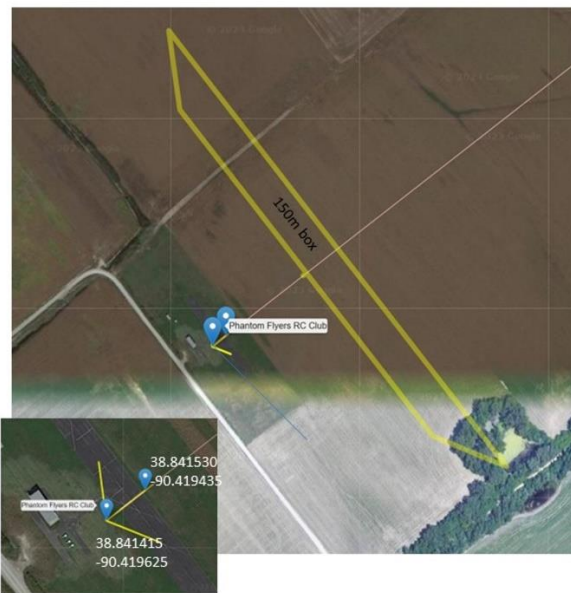
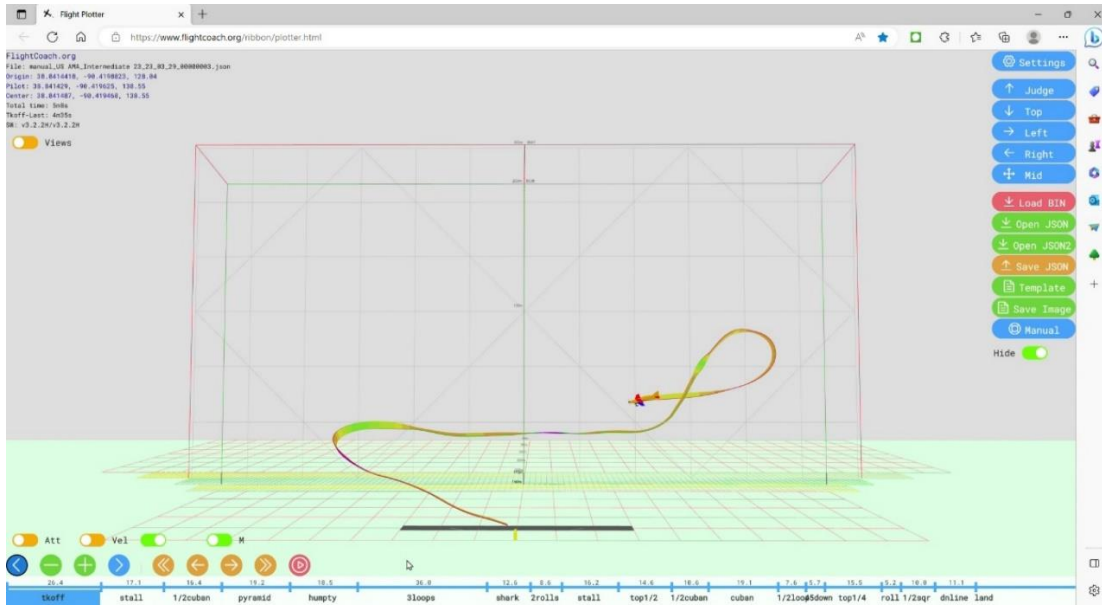
- RC Area charging station – switch was damaged and needs replacement. Some wiring needs to be replaced from flood damage. Total cost not to exceed \$80. Motion, second, pass, none opposed.
- Phantom Flyers Open House April 29 10-3 all welcome.
- Aero Pilots Boy Scout meeting – Stem Project – May 18<sup>th</sup> at Buder for demonstration.
- St. Louis Rocketry - April 29 Sky Lab 50<sup>th</sup> Anniversary Rocket Shoot, 3-dusk.

Meeting closed 7:57pm

# Members Projects

Jose has been using Flight Coach to review his pattern flying sequence to better gauge maneuvers that could use some tweaking. To my knowledge 2 other club members plan on installing the device into their models. Soon to be discussed in a upcoming Tech Session.

More information can be found at: <https://www.flightcoach.org/>



# Events

Event Coordinator-Dan Abel

## **PHANTOM FLYERS RC CLUB OPEN HOUSE FLY-IN APRIL 29th 10 a.m. to 3 p.m.**

**\*AMA REQUIRED\***

**Join the Phantom Flyers R/C Club for a day of fun flying, with a relaxed atmosphere and no competition.**

\*The field has a 400' paved runway, pit area and taxiway. Engine start stands also available.

\*No landing fees or entry fee.

\*Generators will be available to charge batteries .

\*Hot Dogs, soda/water and chips provided.

Spectators are welcomed

Map to field: [phantomflyersrc.com/field](http://phantomflyersrc.com/field)

Email questions to: [activities@phantomflyersrc.com](mailto:activities@phantomflyersrc.com)

# Sailplane Contest Results

All pilots,

The scoring Home Office has over-ruled the call on the field. As a result the referee will not return as a referee next month.

the official final results are:

place	Score	Name
1	1232	Brian M
2	1179	Jan J
3	686	Robert S
4	671	Bill O
5	653	Ed W
6	557	Kevin C
7	261	Larry A
8	241	Bill A

The difference between first and second was less than a good 60 point landing. It was also very close for third place with only 33 points between third and fifth place. Most flights were in the 2 to 3 minutes range. Four flights exceeded five minutes. Goal was 6 min. A very windy day which made finding lift and making the landing area difficult. A few airplanes were damaged in landing mishaps. But, I believe all are repairable including my Sagita. Great contest everybody. Hope to see you all back next month.

Thanks,

Jan

Since few of the pilots have dual membership with MVSA (Mississippi Valley Soaring Association). The MVSA Webmaster, Dan Gill did an great write-up. <https://mvsclub.com/2023/04/02/inter-club-2-meter-contest/>

Additional photos can be found here: <https://flic.kr/s/aHBqjAysMc>



## Inter-club 2-Meter Contest Scores 1st St.Louis Soaring Contest of 2023

2  
APR 2023

posted in: Contest Report, Flying Report, Uncategorized | 0

Dan G., MVSA Webmaster

Members of MVSA and the St.Louis Phantoms participated in the first joint event of 2023 at the Phantoms home field – near Orchard Farm, MO today.

Ten miles away at Lambert International Airport the weather recorded in the ATIS for arriving and departing flights – was 160 @ 13 kts with 10 SM visibility. An endless parade of Southwest and American planes circled around the farmland river peninsula as eight pilots stared into the sun and fought the wind. Three planes were retired due to "hard landings" – one might have been against the rules – a "lawn dart". All in all, participants walked away with undamaged planes and a sunny wind swept feeling of camaraderie.



AMA Sanctioned Event # 14114  
**Midwest Air Wing RC Club**

# Swap Meet

**Saturday, May 6, 2023**  
 Granite City Township Hall  
 2060 Delmar Ave. Granite City, IL 62040

**New – Used – Buy – Sell – Trade – Auctions**  
**Radio Control Airplane, Heli, Drone, and More**  
**Professional Retailers on Vendor Row**  
 Admission - \$5/person (kids under 5 free)  
 75+ Seller Tables - \$10/table  
**Pro Vendors Only enter around 8:30am**  
**Sellers/General Admission enter 9:00am-Noon**  
**Seller and Mystery Item Auctions 11:00am-Noon**  
 Door Prizes – Raffles – Silent Auction  
 Concessions Available  
[midwestairwingrc.com/events](http://midwestairwingrc.com/events)  
 Event Manager - Chris Spohr (618) 917-0739 or Facebook Messenger

CRS Models – Electric Motors, ESC, Servos, Extensions, Carbon Fiber, Accessories  
 IBCinYouRC – Aircraft Gas Engines, Props, Servos, 1/5 Gas Buggies, Electric Trucks  
 RedwingRC – Planes, Jets, Gliders, Drones, Monster Trucks, Servos, and more

## 2023 Buder Park Event calendar

Greater St Louis Modeling  
 Association  
[www.gslma.com](http://www.gslma.com)



### Rockets

April 1	We are seriously launching some rockets!
April 30	Launch Day
May 27	Launch Day
June 24	Launch Day
July 30	Launch Day
Aug 12	All Buder Park Rockets Fly Day
Sept 30	Launch Day
Oct 28	3 <sup>rd</sup> Annual Spooktacular Launch

### Radio Control

May 21	High Wing Day
June 9-11	Whirlybirds Fun Fly (not confirmed yet)
June 24	BBQ / Fun Fly
July 15	Jet Day
Aug 12	All Buder Park RC Fun Fly
Oct 21	Chilli Cook off – Fun Fly – Swap Meet

### Control Line

Feb 26	ISO-O-LATED CL Stunt & Speed
May 20-21	Midwest CL Speed
June 3	Spirit of St Louis CL Fun Fly
Aug 12	All Buder Park CL Fun Fly
Sept 16-17	Broken Arrow Stunt & Scale Contest
Sept 28-29	USA F2A World Cup (CL Speed)
Sept 30-Oct 1	Canada F2A World Cup (CL Speed).
Oct 7-8	Ringmaster Fly-A-Thon
Oct 28	Turkey Shoot (Fast, Slow, scramble, Balloon Bust)

### Quad / Drone

Aug 12	All Buder Park Fun Fly
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## Clubs / Groups flying at Buder

**Lafayette Esquadrille**

LafayetteEsquadrilleCL.Wordpress.com



**St. Louis Rocketry Association**  
 Stlouisrocketry.com



**STL Aeropilots**

stlouisaeropilots.org

**Whirlybirds**

stlouiswhirlybirds.com

**Don't forget to renew your membership!!**

[https://www.phantomflyersrc.com/wp-content/uploads/2021/03/phantomflyers\\_membershipform-fillable.pdf](https://www.phantomflyersrc.com/wp-content/uploads/2021/03/phantomflyers_membershipform-fillable.pdf)



<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:

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