

# **THE CARRIER WAVE**



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



**ama #393 SAINT CHARLES, MO**

**July 2016**

Newsletter of the Phantom Flyers R/C Club

<http://phantomflyersrc.com>

### **CLUB OFFICERS**

### **Contact Number**

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President - Ed White	(636) 441-6431
Vice President - Herb Johnson	(636) 579-8062
Secretary - Jim West	(636) 387-0804
Treasure - Jim Greenwood	(636) 875-6040
Safety Officer - Dave Evans	(636) 448-4800
Field Manager - Don Grzina	(314) 409-4771
Chief Flight Instructor - TBD	
Activities Chairperson - Jan Jansen	(314) 921-9420

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

Jim West

9 Teak Court

St. Peters, MO 63376

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### **Board of Directors:**

#### **Work**

#### **Home**

Ed White	(314) 232-1479	(636) 441-6431
Dan Sundman	(314) 749-4029	(636) 352-0150
Mitch Galatioto	(314) 234-5141	(636) 447-5484
Dave Evans	Retired	(636) 448-4800

**Phantom Flyers R/C Club  
June 20, 2016 Meeting Minutes**

The meeting was called to order by Club President Ed White at 7:00 pm. There were 9 members in attendance. The meeting was held at the Flying Field.

**Secretary's Report**

The May 2016 Meeting Minutes were approved as amended. (The E-Fest was scheduled for July 16.) Club membership is at 45 regular members.

**Treasurers Report**

Jim Greenwood presented a summary of the Club's finances. Expenses noted were the mower repair and storage, and the latrine.

**Safety**

A couple fliers had problems with poorly connected batteries. This translated into in flight power problems.

**Field Managers Report by Don Grzina**

Two Belts broke on the zero turn mower. Don had trouble finding a supplier and the costs were as high as \$75 but he was able to find one for \$60. Buying off the internet was suggested. The first new belt broke because it was not installed correctly.

**\* A motion made and approved to stock a spare mower belt for the zero turn mower.**

It was identified that the Latrine needs to be cleaned. Don agreed to have it done.

The gate is not working for many keys. The Latrine lock is now on the gate and the frequency board lock is on the latrine. The frequency board is unsecured. The gate lock is being evaluated by a locksmith and being repaired. A new lock is \$50. To clean the lock is \$25.

Last week all 3 work stands were found stacked on top of each other and the picnic table has a broken bench.

One of the work stands has a broken wheel.

**Activities**

- The Hayes float fly has been postponed. The owner had a stroke.
- The Sailplane (Vista) contest is scheduled for July 2. The start time was discussed and 11:00 am was agreed upon.
- The E-Fly is scheduled for July 16. The landing fee is \$5.00
- The Midwest E-Fly is scheduled for this weekend.
- The Vista contest is scheduled for July 30. Ed would like to use that date for the Sportsman/Intermediate contest.

Meeting was adjourned

jjw 7/17/2016

## Phantom Flyers RC Event 2016 Calendar version 6

Event	Date	Day	CD
Snow Fly	1 Jan		Ed White
Field work Party	TBD	Sat	
Hayes Lake Float Fly	30 April	Sat	Dan Sundman
Vista/Electric Sailplane Contest	14 May	Sat	Ed White
	21 May		
Innsbrook Float Fly	28 May	Sat	Don Vetrone
Carrier Fun Fly	4 June	Sat	Jan Jansen
	11 June		
	18 June	Sat	
Float Fly WF	postponed	Sat	Dan Sundman
Vista/Electric Sailplane Contest	2 July	Sat	Ed White
Meet Me In St. Louis Pattern Meet	9 July	Sat	Ed White
Electric Fly	16 July	Sat	Kevin Cox
Float Fly WF- Elfrink Lake	23 July	Sat	Don Vetrone
Sportsman/Interm. Pattern Contest	30 July	Sat	Ed White
Joint Fun Fly at Phantom Field	6 Aug	Sat	Jan Jansen
Carrier Fun Fly/Open Fun Fly?	13 Aug	Sat	Jan Jansen
	20 Aug		
Pattern Contest	27-28 Aug	Sat-Sun	Ed White
Float Fly Innsbrook	3 Sep	Sat	Don Vetrone
Joint Fun Fly at Wright Flyer's	10 Sep	Sat	M. Walter
Vista/Electric Sailplane Contest	17 Sep	Sat	Ed White
	24 Sep		
	1 Oct		
Elfrink Float Fly (10 AM)	8 Oct	Sat	Don Vetrone
	15 Oct		
Christmas Dinner	3 Dec	Sat	Ed White



# Float Fly Jim Elfrink's Lake



A combined Phantom Flyers/Wright  
Flyers Fly-In

Date: Saturday, July 23, 2016

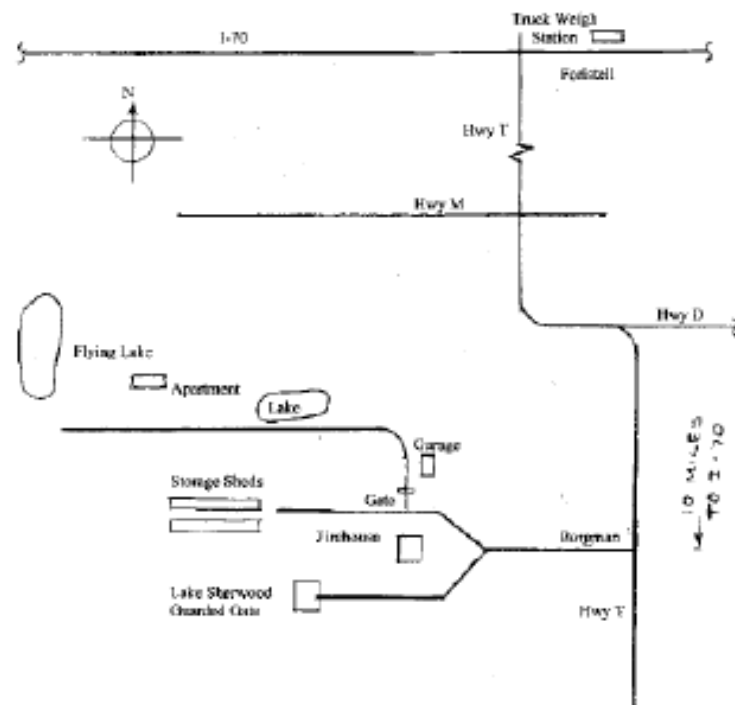
Time: 10:00AM-1:00PM

Location: Jim Elfrink's Lake  
(see directions below)

Frequency Control: Sign-Up Sheet

Event is open to sponsoring club  
members only!

## Directions To Jim Elfrink Lake



## Directions To Jim Elfrink's Lake:

### Traveling West on I-70:

Take Exit 203; Turn Left at Hwy W/State Hwy W (signs for Foristell); Continue on Hwy T; Turn right at S Service Rd; Turn Left at Hwy T; Continue on Hwy T for 10.2 miles; Turn right at Borgmann Rd; At end of Borgmann Rd Turn Right (You will see storage sheds to your left); Follow road to the end. Flying Lake is on the left.

### Traveling East on I-70:

Take Exit 203; Turn right at Hwy T (signs for Foristell); Turn right at S Service Rd; Turn Left at Hwy T; Continue on Hwy T for 10.2 miles; Turn right at Borgmann Rd.; At end of Borgmann Rd Turn Right (You will see storage sheds to your left); Follow road to the end. Flying Lake is on the left.

**\*\*\*Must have Current AMA membership to Fly\*\*\***

For additional information: Call Danne Anderson 636-528-0534

Website: [www.wrightflyersrc.com](http://www.wrightflyersrc.com)  
E-Mail: [information@wrightflyersrc.com](mailto:information@wrightflyersrc.com)

<http://phantomflyersrc.com/> .

Check there for the back issues of the Carrier Wave Newsletter, mowing schedule, event calendar and club roster/contact information (handy for mowing).

**IF YOU ARE UNABLE TO MOW,  
IT IS YOUR RESPONSIBILITY TO FIND A REPLACEMENT.**

April				
1	8	15	22	29
<b>Larry Anderson</b>	<b>Jack Buydos</b>	<b>Scott Maier</b>	<b>Walter Rhodes</b>	<b>Jim West</b>
Peter George	Ed White	Scott Watts	James Plonka	Donald Stigall
Brian Malloy	Don Grzina	Emery Kattelman	Billie Maupin	Bill Ahrens
May				
6	13	20	27	
<b>Greg Robert</b>	<b>Jim Greenwood</b>	<b>Herb Johnson</b>	<b>I. Tschomakoff</b>	
Kevin Cox	Steve Carey	Jan Jansen	Harold Weaver	
Dan Sundman	John Klein	Mitch Galatioto	Jose Espinosa	
June				
3	10	17	24	
<b>Jim Frederick</b>	<b>Jim Greenwood</b>	<b>Rick O'Mara</b>	<b>Larry Anderson</b>	
Scott Watts	Ed White	Al Bone	Peter George	
Greg Roberts	Scott Maier	Jim West	Brian Malloy	
July				
1	8	15	22	29
<b>Kevin Cox</b>	<b>Jack Buydos</b>	<b>Steve Carey</b>	<b>Brad Young</b>	<b>John Klein</b>
Herb Johnson	John Schrock	I Tschomakoff	Donald Stigall	Jim Alberico
Jose Espinosa	Bill Ahrens	Harold Weaver	Jan Jansen	Don Grzina
August				
5	12	19	26	
<b>Billie Maupin</b>	<b>Emery Kattelman</b>	<b>Mitch Galatioto</b>	<b>Bill Ahrens</b>	
James Plonka	Walter Rhodes	Rick O'Mara	James Plonka	
Mitch Galatioto	Dan Sundman	John Schrock	Emery Kattelman	
September				
2	9	16	23	30
<b>Jose Espinosa</b>	<b>Jim West</b>	<b>Don Grzina</b>	<b>Scott Maier</b>	<b>Larry Anderson</b>
Jan Jansen	Kevin Cox	I. Tschomakoff	Scott Watts	Peter George
Herb Johnson	Ed White	Harold Weaver	Dan Sundman	Brian Malloy
October				
7	14	21	28	
<b>John Klein</b>	<b>Jim Frederick</b>	<b>Donald Stigall</b>	<b>Greg Roberts</b>	
Brad Young	Walter Rhodes	Jack Buydos	Al Bone	
Jim Alberico	Steve Carey	Jim Greenwood	Billie Maupin	

## Dynam Meteor EDF

Dan Eaton and I get quite a few questions on the foam EDF (Electric Ducted Fan) jet that we fly. It is a Dynam Meteor 70mm EDF. It is a really great flyer, easy to assemble. For as low as \$125, you get the model with servos, fan unit, speed controller and retracts already installed. According to reports on the net, the model has issues with the inexpensive retracts, Dan and I must have been lucky as retracts have been trouble free. The only problem that I did come across was an issue with Airtronics FHSS-1 receivers. These will not work with the Dynam retracts but with a FHSS-3 receiver, they work fine.

The main retracts are attached to plastic landing plates that are tacked glued in the wing. These will pull themselves free after a number of landing. The controls and CG placement was done by the book with the exception of the rudder throw. It has been increased to the most deflection possible to allow the model to knife-edge.

The recommend pack is a 4S 2500-3000mAh (30C), we have found the 4S 2600mAh to be a fine. It's lighter and flight duration isn't too much shorter and a lighter model flies better.

When I saw the pictures of the stock Meteor three things that I had to change or modify. The vertical leading edge has some kind of cringe worthy curve, the stock canopy had to go and stickers for decorations had to be improved!



Modified on the left and Dan's stock Meteor on the right.

The paint used was Valspar Premium Finish, color Gloss Exotic Sea (light blue) as the upper base coat. The rest of the colors were what I had on hand, Testor and Rust-oleum Plastic paint. Since this is EPO foam some surface prep is required, I wiped it with denatured alcohol and lightly sanded it with 400 grit paper then wiped it again.

The model is available at a couple different outlets. Value Hobby list them for \$124.99 and Motion RC has them for 159.99. There is a V1 and V2, I suspect that Value Hobby has V1. I purchased mine from Motion RC.

<http://www.valuehobby.com/review/product/list/id/4042/category/189/>

<https://www.motionrc.com/collections/jets-and-ducted-fan/products/dynam-meteor-70mm-edf-jet-pnp>

The screenshot shows the Value Hobby website interface. At the top, there is a search bar with the text "All Categories" and "Search entire store here...". Below the search bar is a navigation menu with categories: Home, Airplanes, Helis, Multicopters, FPV, Cars, Power, Radios & Servos, Arduino/CNC, and Accessories. The main content area displays the product "36IN DYNAM METEOR 70MM EDF PNP (EPO FOAM)". The product image shows a blue and white jet with yellow accents. The price is listed as \$124.99, with a crossed-out price of \$159.99. There are 5 reviews and an "Add Your Review" button. The quantity is set to 1, and there is an "ADD TO CART" button. Below the main image are four smaller thumbnail images of the product from different angles.

The screenshot shows the Motion RC website interface. At the top, there is a search bar with the text "Search for Airplanes, Helicopters, Drones, Parts". Below the search bar is a navigation menu with categories: AIRPLANES, HELICOPTERS, DRONES, SPARE PARTS, ELECTRONICS, ACCESSORIES, SALE, SUPPORT, WISHLIST, ACCOUNT, and a shopping cart icon. The main content area displays the product "Dynam Meteor 70mm EDF Jet - PNP". The product image shows a blue and white jet with yellow accents. The price is listed as \$159.00. The status is "IN STOCK". There are 37 reviews and an "Ask a question" button. Below the main image are four smaller thumbnail images of the product from different angles. The "QUICK LINKS" section includes "Add to wishlist", "Dynam Meteor Jet Instruction Manual", and "View Product Specifications". There is a quantity selector set to 1 and an "ADD TO CART" button. Below the product image are social media sharing icons for Facebook, Google+, LinkedIn, Twitter, and a plus sign for more options. At the bottom, there is a navigation bar with tabs: OVERVIEW, VIDEOS, SPARE PARTS, UPGRADES, REVIEWS, and PRODUCT Q&A.

May 11, 2016, Larry Anderson, Danne Anderson, Pete George and Ed White were at the field to perform a maiden on a new aerotow tug. A Hangar 9 33% Pawnee...NICE!



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:

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



## Amended minutes for May 2016 (highlighted portion):

### Phantom Flyers R/C Club May 16, 2016 Amended Meeting Minutes

The meeting was called to order by Club President Ed White at 7:00 pm. There were 9 members in attendance. A short meeting was held at the Flying Field.

#### Secretary's Report

The April 2016 Meeting Minutes were approved. Club membership is at 45 regular members.

#### Field Managers Report by Don Grzina

- The mowers are running fine and the grass was cut today.
- We need to paint lines for Pattern flying.

#### Activities

The Float Fly did not happen the last weekend of April. It is to be rescheduled.

The Vista contest was discussed. It is coming up the next weekend.

The Carrier Fun Fly is scheduled for June

The E-Fly is also scheduled for **July 16**. Kevin Cox is the CD.

No GLSMA Report

Meeting was adjourned