

# **THE CARRIER WAVE**

## **PHANTOM FLYERS**

### **R/C CLUB**

**ama #393 SAINT CHARLES, MO**



**May 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  
April 17, 2016 Meeting Minutes**

The meeting was called to order by Club President Ed White at 7:00 pm. There were 11 members in attendance. The meeting was held at the Flying Field.

**Secretary's Report**

The March 2016 Meeting Minutes were approved. Club membership is at 44 regular members.

**Treasurer's Report**

Send expenses to Jim Greenwood.

Ed White reported that the activities schedule, roster and newsletters are on the website and up to date.

**Field Managers Report by Don Grzina**

- The runway is in good shape and repairs will not be necessary in the Spring. We may need some in October. Paint stripes are still needed for Pattern flying.
- There is an issue with the red zero turn mower. There is a possible misfire when under load. Don is looking for solutions on the internet and we need to troubleshoot.
- The green mower needs new blades.
- There are large gopher holes at each end of the field.
- We may hold off on the roof until we get a on the new lease on the field. The winter bids we received on the roof repairs are probably obsolete. Architectural shingles were discussed as they were one of the options offered by one of the vendors who used overages from other jobs. It was decided that we would hold off on the roof.

**Activities Chairman Report by Jan Jansen**

Jan handed out the proposed schedule for 2016 activities. The schedule was reviewed and discussed.

**Old Business**

No title was found for the trailer. Don Albert volunteered to get the VIN# from the trailer so we could apply for a new title.

**New Business**

Ben Lanterman is struggling with health issues and is in a care facility.

**FAA Report**

The 2012 bill is expiring. The AMA is working hard to keep the language. There was a report that a suspected drone hit a plane.

Guidance from the AMA is that we are not the Policeman for the FAA.

Meeting was adjourned

jjw 5/14/2016

The April 30, Hayes Lake Float Fly will be rescheduled due to the weather.  
 The Vista/Electric Sailplane Contest has been moved to May 21.

<b>Phantom Flyers RC Event 2016 Calendar version 3</b>			
<b>Event</b>	<b>Date</b>	<b>Day</b>	<b>CD</b>
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
Field work Party	TBD	Sat	
	11 June		
Vista/Electric Sailplane Contest	18 June	Sat	Ed White
Float Fly WF	25 June	Sat	Don Vetrone
	2 July		
Sportsman/Interm. Pattern Contest	TBD	Sat	Ed White
Meet Me In St. Louis Pattern Meet	9 July	Sat	Ed White
Electric Fly	16 July		Kevin Cox
Float Fly WF- Elfrink Lake	23 July		Don Vetrone
Vista/Electric Sailplane 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

The Club President/Webmaster and wearer of many hats, has been doing a great job on updating the our webpage

<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).

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The next club event, one of my favorites, is the Vista/Electric Sailplane Contest. If you guys are like me the last time that I flew my 2meter sailplane was at the last contest in 2015!

My to-do list includes; check my receiver battery pack, bind the receiver to my new radio and verify all the control surfaces are free and they are attached...yes, hanger rash goes beyond cosmetics at my house.

I typically fly sailplane slightly tail-heavy and with lots of travel on both rudder and elevator. This setup up is comfortable for my style of flying but it has its down side. The model can be easily over controlled and this can make it difficult to stay in a thermal...if you find one. Stalling is also an issue with the increased throw and I can find myself doing a lot of energy killing PIO (pilot induced oscillations). The key appears to fly smoothly and planning ahead☺.

Finding thermals? I'm not giving away of my secrets... mainly because I don't know any!

I look at the normal things, the darker areas of land, swarms of flying bugs being chased by small birds and the movement of the grass and trees. Cloud formations can also give clues but that only seems to make a difference to me when I am well above launch height.

The rest is watching your sailplane and its movement in the air. A little wiggle in the air could be the outer edge of a thermal. The habit that most of us powered fliers have is that we ignore the wiggle and we try to correct the course deviation that the wiggle caused, not good if you are hunting thermals. Depending on the altitude a circle might be wise after the wiggle...but which way? Well, I look at it this way...you have a 50% chance of turning the correct way and hooking that thermal and way less than that if you don't turn.

Once I'm in that turn I maintain a bank and some up elevator. My goal is to try and complete a circle at the altitude that I entered but being mindful of speed and energy to prevent a stall. If the model completes the circle with little to no loss of altitude and I still have the same speed and energy its decision time! Do you exit the hunt or try another circle? I almost always go for a second circle if I haven't lost much altitude and energy but this time a little more elevator. The worst case scenario I will have gained some attitude and lost a little of both speed and energy, I then exit the hunt. BUT if it paid off I will gain even more attitude and the speed and energy will be the same or more. Repeat as required and avoiding stalls is my top priority as nothing kills speed and energy more and it always end with some loss of altitude.

That's my approach to RC Thermal Hunting.

**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	





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)