

THE CARRIER WAVE



PHANTOM FLYERS R/C CLUB



AMA #393 SAINT CHARLES, MO

March 2019

Newsletter of the Phantom Flyers R/C Club

<http://phantomflyersrc.com>

CLUB OFFICERS

Contact Number

President - Jan Jansen	(314) 921-9420
Vice President - Bill Ahrens	(314) 913-3819
Secretary - Jim West	(618) 498-9058
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	(636) 441-6431

Send Membership Renewals to:

Jim West
914 Hollow Avenue
Jerseyville, IL 62052

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	
Dave Evans	Retired	(636) 448-4800

Phantom Flyers Club Meeting Minutes
February 18, 2019

Vice President Bill Ahrens opened the meeting at 7:00 pm at Mark Twain Hobby Shop. There were 11 members in attendance.

Tech Session

Bill Ahrens showed his very cool looking Freewing F4 Phantom. The Phantom uses a braking parachute. It weighed in around 8 pounds and Bill weathered the plane using some type of acrylic paint. It uses a 90mm fan for propulsion. Bill stated that Freewing is not a top of the line model - more in the middle. I can't wait to see it in the air - it looks awesome.

Secretary's Report

The Club currently is at 33 regular members. Dan Sundman renewed at the meeting. The January Meeting Minutes were approved.

Treasurers Report

We added a couple members since last meeting and that gives us more margin in the budget after the lease is paid.

Field Managers Report

- The field entrance by the gate is very muddy and wet. We talked about adding some rock. Don has a 1-year old quote: \$750 for clean gravel and \$525 for dirty. This would provide 3 inches of coverage. We would somehow need to spread the rock. It was decided this needs further discussion.
- The roller has a hole in it so it cannot be used to smooth the ground.

Activities Report

- Ed was sick and did not attend this meeting
- Joint Fun Fly dates were proposed as follows:
 - First week of August, Saturday, Aug 3 - PFRC will host
 - First week of September, Saturday Sep 7 - Wright City Flyers will host
- Our Pattern Contest is scheduled for September 22
- No activities are currently planned for Feb or March
- It was mentioned Ed will be retiring from Boeing at the end of the month.

New Business

- Larry Anderson will show old radios at SLRCFA in May. Larry asked if anyone knew where Bill Sostman got his old radios which he gave to Larry. They were all tube radios and now illegal.
- It was asked of Larry if he could do Tech Session for us.

Meeting Adjourned.

jjw 3/11/19

Sailplanes Part 2

Last month's issue I promised to look more into available 2M sailplanes and Larry Anderson replied.

'Kevin

Saw your article in the carrier wave. I have some thoughts on a good starter electric ARF glider.

Your thinking about a Radian is right on. If a person wants a two-meter starter glider the Radian is a good investment. They are normally easily available and can teach you a lot about thermaling. In the hands of a very capable glider guy (like Brian Molloy for example) they will beat higher performance gliders if the higher performance glider is being flown by a lesser pilot.

As we know the Radian does not have long legs when flying into a headwind. This is the only real drawback to the Radian as a starter glider.

Also, it bounces pretty good when contact with terra firma is a rough. :-)'

Thanks for your input Larry!

Looking at what is currently available, I will still say you can't go wrong with the Radian. Tower Hobbies has a model called Great Planes Tori. It is a 4-channel model but appears to have enough polyhedral that it should function well as a rudder, elevator and motor glider. The video (<https://youtu.be/TH6zA7KMQYE>) on Tower's page look great if you want a sport plane. I don't think they ever cut the motor off, not very useful advertising for a sailplane. At any rate I went on RCGroups and was reading the thread about the Tori. They pretty much echoed my opinion on the video and like most new ARF's it has some issues to work through but it appears to be a good sailplane.

The price: \$230 for the Great Planes Tori in the receiver ready configuration vs the Eflite (Plug and Play) Night Radian for \$180. The Tori features a built-up wing and ailerons, a carbon boom with a fiberglass fuselage. The Radian is all EPO foam and has a 2 piece wing, a plus in my book.

According to the specs, the Tori is 1ounce lighter (31oz) than the Radian but the wing area of the Tori is 498 sq in and 551 sq in for the Radian. In comparison, the EP Vista weighs in at 38 ounces but has 678 sq in. Using the more confusing WCL (wing cube loaded) that puts the Tori at 4.8WCL, Radian at 4.3WCL and the EP Vista at 3.7WCL. The lower the WCL the more of a floater the model tends to be, until you factor in the drag of the airframe/airfoil. I am really interested in the Tori...but my Aspire sailplane might not like it.

type of model	WCL
Slow Models, Thermal Glider	<4
Trainers, Parkflyer, 3D	5-7
Sports Models, Scale Acrobats	7-10
Sports Models and Scale Models	10-13
Warplanes, Racing Models	> 13
Full-Scale	15-20

$$WCL = \frac{\text{Weight (oz.)}}{(\text{Wing Area (sq. ft.)})^{1.5}}$$



GSLMA and the possibility of a new field

Our GSLMA/Phantom Flyers Club Representative, Harold Weaver, sent this information last month.

All

FYI ... Attached is a recent newspaper article that one of our club members saw and took a photo of ... it's very readable if you zoom in. Also attached is a Google Earth look at where this new park is located ... it's not too far from our club, St. Louis RC ... a little south of us, on the other side of the Meramec River that borders our club about a half mile south of our flying site.

George Biderman

St. Louis RF Flying Assoc.

Parks board tags donated tract as future RC-only park

Those who like to operate radio-controlled devices – planes, cars and drones – may sometime in the near future have a place in Jefferson County to go to do so in safety.

The Jefferson County Parks Board voted unanimously Jan. 8 to designate

Continued from Page 1

River Bend Park off Hwy. PP (Twin River Road) in the Eureka area of Jefferson County as the possible site of a county park dedicated solely to radio-controlled devices.

Parks Director Tim Pigg said the vote was an important, albeit preliminary, step to establishing the park.

"This is not going to happen right away," he said. "This is all in the preliminary stages, so there's not a cost estimate, there's no timeline. But we want to see this happen. This will be like Buder Park in St. Louis County."

Pigg said the approximately 40-acre site was donated to the county more than 20 years ago for a future park site. It is undeveloped, is wooded and is in the 100-year flood plain of the Big River.

"Because it's in the flood plain, there's not a lot we can do to develop a (full-service) park there. But it will be a good use for the RC people," he said.

Pigg said the major work to open the park will be clearing trees.

"It's not so much a financial issue as it is a labor issue," he said. "We're

hoping to recruit some volunteers with equipment to help. How soon can it get done? The right volunteers with the right equipment can make a big dent in a hurry.

"It's possible we could find someone – a logger – who would pay the county to harvest the trees, then we could use the proceeds toward the park. But it's all very preliminary at this point."

He said the entire site will not have to be cleared.

"They'll need a runway (for the planes and drones), but they can fly them over treetops," Pigg said. "But because it's in a flood plain, it will have to be grass, rather than asphalt. There's also been some talk about wanting some kind of a track (for RC cars and other vehicles)."

He said he's been in contact with RC enthusiasts, and hopes to recruit them both as volunteer labor and to help draw up the rules concerning the use of the park once it gets closer to completion.

"They'll understand what needs to be in a set of rules – how many planes can be in the air at one time, those kinds of issues. This is their thing. It will be best if they set down the best ways to use it,"

he said. "St. Louis County and St. Charles County have rules for their parks, so that will be a good place to start."

Pigg said his office also will have to consult with the U.S. Army Corps of Engineers for guidelines on development near the banks of the Big River.

"I don't know the rules on that, but they will," he said. "I don't think we'll be clearing trees all the way to the river line; my guess is they'll want us to keep 30 or 40 feet away. And that's OK – we want to be good stewards of the property and not cause erosion. While we won't stop people from going down to the river, we want this park to be dedicated to a single purpose."

Pigg said the department's approach will be minimalist when it comes to development.

"I don't know that we can even put a restroom there, since it's in the flood plain," he said. "We won't be putting playground equipment in or things like that. That would defeat the purpose of having a site devoted specifically for RC devices and open up the safety issues that we've been trying to avoid."

Last fall, Pigg asked the Jefferson

County Council to approve a revised set of rules for county parks that included a ban on RC devices (except for boats) because of safety concerns.

After a group of RC enthusiasts protested, Pigg agreed on revisions, but the County Council passed an amended set of rules that removed the ban completely.

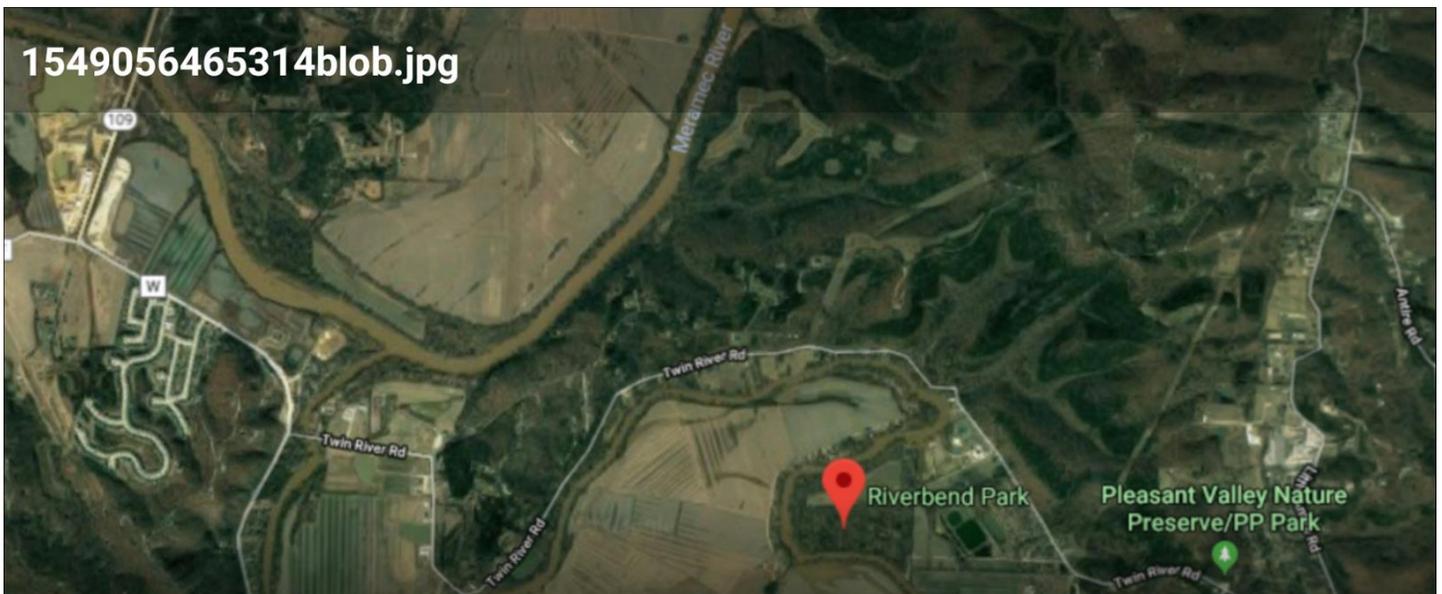
Pigg said he continued speaking with the group of RC users to find ways to address the problems and find a place for them to operate their devices.

"It's been a good, open, back-and-forth dialogue," Pigg said. "I think this is a good compromise."

He said it's too early in the process to determine what rules might be put into place to regulate RC device usage in other county parks once River Bend is open.

"We'll be talking to the RC folks, of course, and we'll look a lot at what our neighbors – St. Louis County and St. Charles County – are doing," Pigg said. "Understand that the federal government doesn't allow them at all in national parks."

1549056465314blob.jpg



Member Models

Ok, it isn't a "Member Model" but a Member being a 'Model'...sort of ☺.

PAGE EIGHT THE MULESKINNER Friday, October 6, 1978

Club Becomes Fraternity

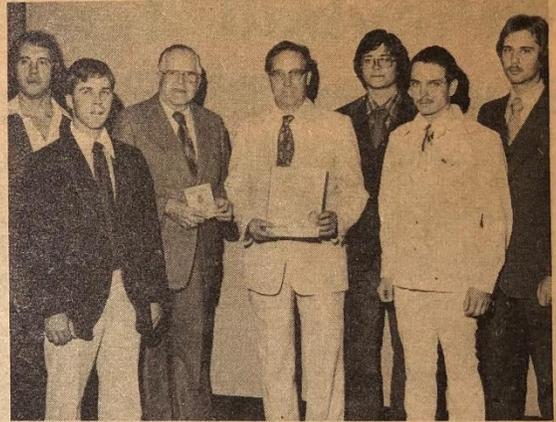
The CMSU Aviation Club officially became Alpha Eta Rho fraternity Sept. 28.

Officers of CMSU's Lambda Pi chapter, the second largest in the nation, are: Kim Washburn, president; Bill Ahrens, vice president; Jim Primm, secretary; Jim Wilson, treasurer; and Jim Atkinson, reporter. Faculty sponsors initiated were: Albert Blankenship, Thomas Hemphill, Roger Mason, Robert Mock, and Frederick Schieszer.

A total of eighty-seven students and faculty sponsors were initiated into the fraternity for aviation majors as charter members. Initiated were: Michael Abeln, Dennis Ackerman, Craig Adamski,

Bill Ahrens, James Atkinson, Rick Baldwin, John Bingham, Albert Blankenship, Greg Bockelman, Bob Bonham, Stan Bowlin, Michael Brandt, Tony Brewer, Jim Bumgarner, Thomas Casey, Charles Chamberlain, William Cline, Jim Cooper, Myron Crouch, Timothy Dalbey, Stuart Davis, Russell Day, David Densmore, Curt Elkins, James Enix, Bill Fauerbach, Stephen Fleming, Mark Foster, Todd Foster, John Frohmuth, Dave Galegor, Steven Gaunt, Douglas Geddes, David Gravatt, Sharon Greeley, Gleen Haefner, David Hankins, David Harbison, Thomas Hemphill, Randy Henley, Rodney Hightower, Lisa Howard, Paul Hughes, Suzanne Jensen, Everett

Johnson, Scott Kaiser, Kenneth Kershaw, Jeffrey King, John Klein, Craig Korvas, Gregory Laughlin, Kurt Laurson, Steven Lowe, Roger Mason, Jeff Melvin, Myron McVay, Robert McMillan, Robert Mock, Marian Moore, Charles Naylor, William Nixon, Keith O'Brien, Donald Offill, Mark Paolucci, Jim Primm, Peggy Quigg, William Rankin, Kyle Roser, Frederick Schieszer, Steve Schnelle, Mark Seifried, Don Sherwood, Bob Skidmore, Steve Smetana, Kenneth Smith, Edward Stewart, Connie Troyer, Pat Tucker, Peter Tulley, Walter Van Stone, David Walker, Kim Washburn, Martin Wesley, Clark Whitcomb, Earl Williams, Steven Williams, and Michael Yust.



Participating in the installation of Alpha Eta Rho were, left to right, Jim Wilson, treasurer; Jim Primm, secretary; Professor Harold Wood, installation officer; Dr. T. Rawleigh Gaines, dean of the School of Applied Sciences and Technology; Kim Washburn, president; Jim Atkinson, reporter; and Bill Ahrens, vice president.

Job Opportunities

Interviews

Missouri House of Representatives
— Research Fellowships

Oglesby, IL — College Instructor
of Business Education
Denver, CO — Consultant

HAIR HUT

Area Club Stuff

March 30th – Annual Swap Meet

- Location: Granite City Township Hall, 2060A Delmar Avenue Granite City, IL 62040.
- Doors open to vendors at 8:30 AM.
- Open to the Public 9:00 AM to 12:00 PM.
- General Public Welcome.
- Public Admission: \$5 at the door, kids under 12 free.
- Vendor tables available for \$10 each.
- More than 20 aircraft on static display, and pilots to talk with.
- Flight simulators available to experience the hobby.
- Club members on hand to help with becoming part of the R/C flying community.
- Contact: midwestairwingevents@gmail.com.

Phantom Flyers RC CLUB

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

2019 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) = _____

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)

Make checks payable to:
Phantom Flyers RC Club, Inc.

Total Amount Due = _____

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

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:

Jim West
 914 Hollow Ave.
 Jerseyville, IL 62052
 Full members only, please send S.A.S.E.

For Club Administrative Use Only	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