

THE CARRIER WAVE



PHANTOM FLYERS R/C CLUB



AMA #393 SAINT CHARLES, MO

August 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
July 24, 2019

President Jan Jansen opened the meeting at 7:00 pm at the Flying Field. There were 11 members in attendance.

Secretary's Report

The Club is currently at 37 regular members. The May Meeting minutes were approved.

Treasurers Report

Jose discussed our budget in some detail, estimating the cost of the flood and the repairs needed for the Zero Turn mower. We will have enough but funds are drying up fast.

Field Managers Report

- The Dumpster for the flood cleanup needs to be paid for. If we go past 7 days it is \$10 more per day.
- The red zero turn mower is leaking oil and needs to be repaired. Don has an estimate for \$300 and discussed many possible problems the most likely being an oil pan gasket and seal. The \$300 is only an estimate and there was concern by Don that it could be more. There was significant discussion about the overall condition of the mower including the flooding problem which is due to a bad solenoid in the carburetor. The mower originally cost \$5000 and would be much more to replace today.
- ** A motion was passed to fund the transport and repair of the zero-turn mower and authorized Don to spend up \$500 if needed.
- The container electric actuator has died. Ever since the flood, the container has been extremely difficult to get into. Ed estimates \$300 to replace it. The actuator has a definite lifespan and has been replaced twice. The moisture in the container may have done it in. The electric lock is currently disabled. There was a lot of discussion about previous break in attempts a long time ago and the need for the electric lock and the hockey puck and "hidden" lock.
- Don does not recommend any runway maintenance until next spring.
- Last Saturday morning beer cans were found in the road and a mess on the runway. Also bullet casings and holes in the porta potty. Don filed a complaint with the St. Charles County Police.
- The club generator is currently at Don Grzina's house.
- The trash can was thrown out due to bullet holes and age. Don will leave trash bags in the porta potty and send a message to club members.

Activities Report

- We hosted another successful glider contest last weekend.
- August 3 we are hosting a Fun fly with the Wright City Flyers
- August 17 we are hosting a Scale fly in
- End of the month is the Innsbrook Float Fly
- Sept 1, we host another Glider contest.

GLSMA News

Harold missed the June meeting. There Treasury report has been posted. The field has been cleaned up and they are going to do a high-pressure power wash.

Old Business

The Field has cleaned up nicely after the flood.

New Business

- The AMA sent a notice out to have a letter of agreement between Clubs who are in Class B airspace. Jan filled out a questionnaire and sent it in. That is us, just barely. The AMA has submitted this to the FAA field on our behalf without notifying us. There is an argument that we are not under the authority of the AMA and that we should have been allowed to review what was sent to them. Ed has talked to an AMA representative and expressed his dissatisfaction. Ed has also talked to a pilot about altitude and he mentioned that he is about at 1500 feet at the river. Mitch mentioned we should all be compliant with the FAA. The FAA has shut down two fields in California for violating airspace limits.
- Mitch encouraged the Club to use our not for profit status to not have to pay sales tax.
- There was discussion regarding the club funds which are getting drained and how to generate more income. There is a definite reluctance to raise dues again, fearing that we would lose membership. There was a discussion about asking for donations but that the donations must be anonymous due to the non-profit status of the club. More club members would help and be the preferred way to make the club prosper. Jan mentioned

that he would try to advertise our club in a Boeing club information as the company has hired about 800 new employees.

jjw 8/11/19

FAA: Apollo XI Field Closure (Sepulveda Basin)

Effective May 24th 2019 the FAA suspended operations at the Apollo Field pending review of the local airspace and operating procedures. The club, Department of Park & Recreations, AMA and the FAA are working together to resolve this matter. Please do not fly UAS (drones, fixed wing model airplanes or Helicopters) until this matter is resolved. Failure to comply could jeopardize our ability to reopen the field.

The above message was received by the Valley Flyers Club and the field's flight activities were suspended.

Apollo XI Field is located near Los Angeles, California, and approximately 2 miles from Van Nuys Airport. The good news is that the club, AMA and the FAA have reached an agreement and they have re-opened with a 250ft limit.

The story goes (from the internet/RCGroups forums) that the FAA visited the field in May 19, 2018 during the LA Jets event.

“There were indeed two FAA representatives that showed up at this event. They did wear legit looking badges identifying themselves as FAA officials. They told us quite directly, and without any ambiguity whatsoever, that it was in fact no longer legal for us to fly at the basin based on the current legislation enacted by congress. The reason for this is clearly laid out in the 2018 FAA Re-authorization Act of 2018 which requires authorization to fly any UAS within controlled airspace. The basin is well within KVNYS (Van Nuys Airport's) Class D controlled airspace. This is further confirmed by the following FAA memo:”



Federal Aviation Administration

Memorandum

Date: MAY 10 2019

To: Distribution

From: *Michelle Muelle*
Aaron Barnett, Director, Operations-Headquarters, AJT-2

Subject: Mandatory Briefing Item: Pre-Duty Brief – Operational Personnel Sec 349 sUAS Implementation, due May 16, 2019

Due to changes in the law mandated by the 2018 FAA Reauthorization Act, all hobbyist or recreational Unmanned Aircraft Systems (UAS) operators are required to have authorization from Air Traffic to fly in controlled airspace. This new law puts restrictions in place that limit all recreational operations to less than 400 feet in uncontrolled airspace and requires approval for any operation in controlled airspace. This memo and attached pre-duty brief serves as interim guidance for the implementation of this new law.

Previously, recreational flyers could communicate with the tower or controlling facility and notify of "intent to fly." The language in the previous law was vague and did not allow for, or require, an intervention or approval from air traffic controllers. This new law will remove local air traffic controller involvement with recreational UAS operators and reduce distractions and phone calls while improving the safety of the National Airspace System (NAS).

Air Traffic Facilities should not authorize or approve any recreational flight. The purpose of this implementation plan is to diminish the need for calls to the towers from any recreational operator requesting to fly in controlled airspace. The authorization and restrictions for recreational UAS operators will be a National Authorization for fixed sites in controlled airspace as detailed below:

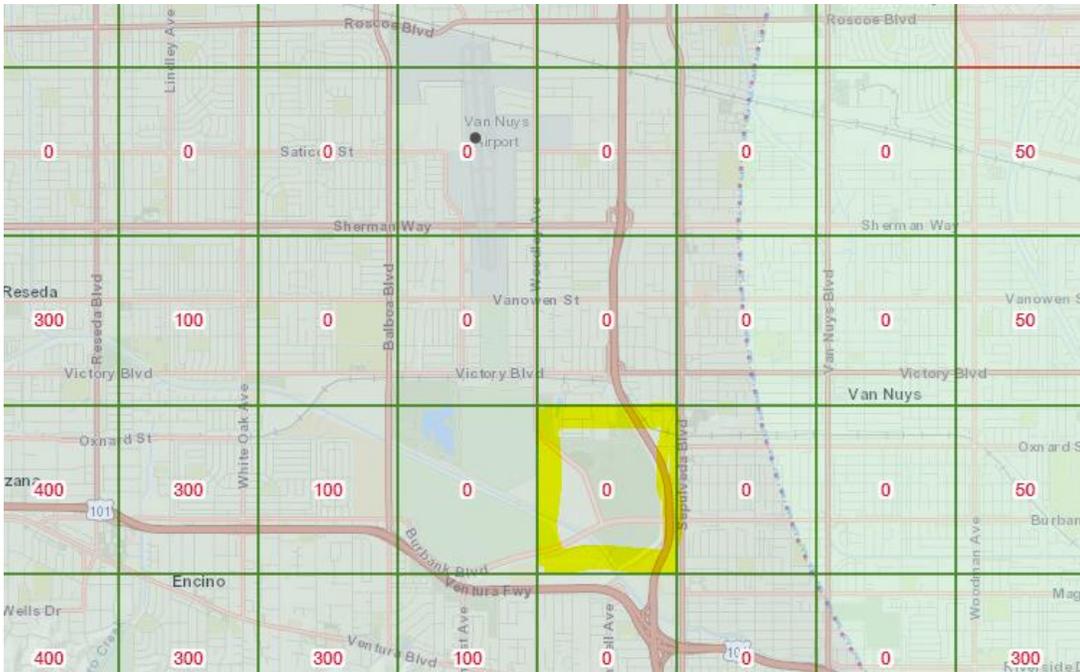
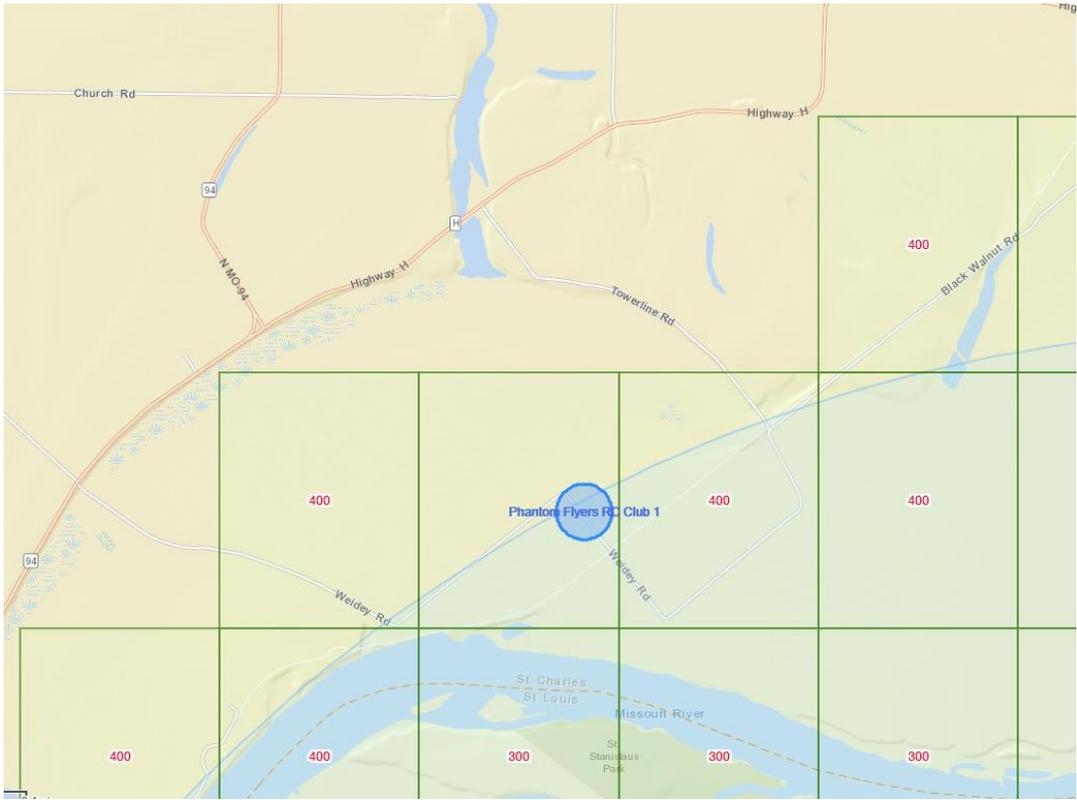
1. Recreational UAS operators will be authorized to fly in controlled airspace at fixed sites that will be listed via multiple venues from Federal Register Notice (FRN), Advisory Circular (AC) and FAA Office of Communications (AOC) public releases.
2. Approximately 350 Academy of Model Aeronautics (AMA) fixed sites are located in controlled airspace, but less than 200 are listed for recreational UAS use.
3. These sites will be more than 2 miles from a runway surface and be required to operate in accordance with altitudes specified in Unmanned Aircraft Systems Facility Map's (UASFM).

It should also be pointed out that this field is much like Buder Park and is a public field not a private one. This conversation was said to happen:

"Now, after the pilot meeting was over I took the time to speak directly 1 on 1 with these two FAA reps with some other flyers standing next to me listening in. They again clarified to me the purpose behind the 250ft ceiling (the single engine climb out calculation described above) and also REAFFIRMED the fact that it was indeed no longer legal to fly at the basin without authorization. Both the reps were quite chill and somewhat apologetic and they did not go out of their way to hassle us. Nobody was asked to show their FAA reg card and no models were scrutinized for FAA reg markings (as far as I'm aware). They suggested we work on getting a site authorization the way many other AMA fields within controlled airspace have already received. I know that Jason and the Valley Flyers are working hard with the FAA and AMA on getting this."

The attached screen shots below shows our field and the altitude limit (400) IF NO agreement was made with the FAA.

The other image shows the Apollo XI field (yellow box) and its altitude limit (0) IF NO agreement was made with the FAA. As stated earlier Apollo field now has an agreement hence the 250 limit.



Phantom Flyers RC 2019 Event Calendar

Event	Date	Day	CD	Remarks
Snow Fly	1 Jan		Jan Jansen	
2M RE Sailplane Contest	18 May	Sat		
Innsbrook Float Fly	25 May	Sat	Don Vetrone	
2M RE Sailplane Contest	22 June	Sat		
Meet Me In St. Louis Pattern Fly-in	13 July	Sat	Ed White	
2M RE Sailplane Contest	20 July	Sat		
Joint Fun Fly at Phantom Field	4 Aug	Sat	Ed White	
Scale Fly-In and Contest	17 Aug	Sat	Don Grzina	
Float Fly Innsbrook	31 Aug	Sat	Don Vetrone	
2M RE Sailplane Contest	1 Sep	Sun		
Joint Fun Fly at Wright Flyer's	7 Sep	Sat	WF	
Pattern Contest	28-29 Sep	Sat- Sun	Ed White	
2M RE Sailplane Contest	5 Oct	Sat		
Christmas Dinner	7 Dec	Sat	Jan Jansen	

STL Metro Area Events of Interest

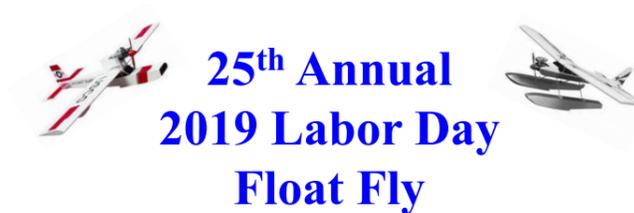
2nd Sat. MVSA 2m and RES

26 May Innsbrook Float Fly

31 Aug Innsbrook Float Fly

Out of Town Events of Interest

- 8-9 June Barnstormer's Pattern Contest (Hillsdale)
12-16 June Horizon Hobby Aerotow
22-23 June Pittsburg Pattern Contest
29-30 June Chicago Pattern Contest
6-7 July KCRC Pattern Contest (Lake Jacomo)
14-18 July Pattern Nats
10-11 Aug Omaha Pattern Contest
24-25 Aug Cedar Rapids Pattern Contest
7-8 Sep Great Bend Pattern Contest



25th Annual 2019 Labor Day Float Fly

**Sponsored By: Phantom Flyers and
Wright Flyers**

Date: Saturday, August 31, 2019

Time: 9:00 - Noon

Location: Innsbrook (see directions below)

Frequency Control: Sign-Up Sheet

***Guest Flyers are welcome.

Must have Current AMA membership to Fly***

Directions (NEW): I-70 West to Wright City (Exit 200), Hwy F South 5 miles (follow the Innsbrook signs). Left at Innsbrook Resort Entrance (Identify yourself as part of the Model Airplane Club demonstration). Once inside the gate, go straight ahead 0.72 miles on Aspen Lake Dr.; turn right onto East Aspen Circle Dr. (just past the tennis courts). Go 1.1 miles, then turn right onto Aspen Point Dr. .Go 0.45 miles to the parking area.



For additional information: Call Bill Moran 636-745-2636

Website: www.wrightflyersrc.com

E-Mail: information@wrightflyersrc.com

Joint Fun Fly at Phantom Field

(CD Ed White-August 4)

This is always an interesting event that is broken into 3 activities. The first one, my personal favorite, high speed taxi challenge. Balloons are placed on the runway to act as pylons that the pilot has to go around, twice. Pretty simple with tricycle landing gear. On this day the cross-wind was really strong and for the pilots with tail draggers it was a challenge! Bill Moran applied a different approach, he destroyed both balloons and took the penalty. He claims it wasn't on purpose (WINK).

The next challenge was also a timed one. Get airborne, turn downwind. When going upwind perform a loop and roll and land upwind. With the crosswind the meaning was interpreted a bit different by a few pilots, particularly the ones with STOL capabilities. This was still interesting to watch and quite impressive!

The last challenge was to fly for 90 seconds but no timers could be used by the pilot, you had to go by your gut on this one. Using the rule interpretation clause one could play music to keep time, oops, I mean beat. Fun contest with Bill Ahrens nabbing first place with myself and Bill Moran pulling up the rear..







2019 Phantom Flyers RC Club Flying Site Mowing & Task Schedule

Weekend dates shown are Friday dates.

It is expected the mowing will occur within five days of the scheduled date.
The bold top name is the team captain, responsible for scheduling the team.
Contact your team to arrange mutual date and time.

Coordinate container access with one of the following people prior to mowing.

Don Grzina (636) 233-0193, Ed White (636) 441-6431,
Jan Jansen (314) 285-4286, Mitch Galatioto (636) 734-6322
Report any equipment or grounds problems to any club officer.

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

April				
5	12	19	26	
		Brad Young	Larry Anderson	
		John Klein	Peter George	
		Dan Sundman	Brian Molloy	
May				
3	10	17	24	31
Jim Frederick	Jim West	Jan Jansen	Scott Watts	Mitch Galatioto
Kevin Cox	Rick O'Mara	Jose Espinoza	Ed White	Brad Young
Bill Ahrens	Jack Buydos	Jim Alberico	Don Grzina	Don Grzina
June				
7	14	21	28	
Rick O'Mara	Brian Molloy	Mitch Galatioto	Jack Buydos	
Jan Jansen	Larry Anderson	Jim West	Kevin Cox	
Dan Sundman	Peter George	Jose Espinoza	Scot Watts	
July				
5	12	19	26	
John Klein	Jim Alberico	Peter George	Jim Alberico	
Jim Frederick	Bill Ahrens	Brian Molloy	Jack Buydos	
Ed White	Jim West	Larry Anderson	Scott Watts	
August				
2	9	16	23	30
Rick O'Mara	Mitch Galatioto	Brad Young	John Klein	Jose Espinoza
Don Grzina	Bill Ahrens	Jose Espinoza	Kevin Cox	Jack Buydos
Dan Sundman	Jim Frederick	Jan Jansen	Ed White	Rick O'Mara
September				
6	13	20	27*	10/04/19
Jim Fredericks	John Klein	Jan Jansen	Don Grzina	Brian Molloy
Jim West	Brad Young	Scott Watts	Kevin Cox	Peter George
Bill Ahrens	Ed White	Dan Sundman	Mitch Galatioto	Larry Anderson

* Note: Weekend of the Phantom Flyers Pattern Contest; much preferred to be completed by sundown Thursday, Sep 26th
Additional volunteers for field prep will be greatly appreciated.

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.

<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