

# **THE CARRIER WAVE**



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



**ama #393 SAINT CHARLES, MO**

**September 2018**

Newsletter of the Phantom Flyers R/C Club

<http://phantomflyersrc.com>

### **CLUB OFFICERS**

### **Contact Number**

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President - Jan Jansen	(314) 921-9420
Vice President - Don Grzina	(636) 233-0193
Secretary - Jim West	(636) 387-0804
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

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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	
Dave Evans	Retired	(636) 448-4800

**Phantom Flyers Club Meeting Minutes**  
**August 27, 2018**

President Jan Jansen opened the meeting at 7:00 pm at Mark Twain. There were 10 members in attendance.

**Tech Session**

Discussion was had about which side of the Velcro to attach to batteries, hooks vs. loops. Not sure if it was decided but it was pointed out that hooks tend to pick up dirt. Also it was suggested to use medium CA to stick the Velcro to wood.

**Secretary's Report**

The Club currently is up 40 regular members. We picked up a new member Patrick Rois. The July Meeting Minutes were approved.

**Treasurer's Report**

Club finances were reviewed by Jose and we are looking good for this year.

**GLSMA Report**

GLSMA hosted AMA Model Aviation Day. The AMA had had an article about the control line speed contest. Planes were clocked at 185 mph. The control handle sits in a center point on the central pole. The planes use a .15 engine with a single blade prop.

**Field Managers Report**

- We need to fill cracks in October maybe when the heat is less . We have a lengthy crack.
- The red mower threw a belt for the hydraulics. It was difficult to get the mower on a stand to change the belt. Don has purchased additional belts

**Activities Chair Report**

- The Scale Control Contest was held with 5 pilots, 4 flew. Then Kevin lost his gear and we were down to 3 flight capable aircraft. Larry Anderson, Peter George, and Jeff Brundt were Judges.
- Glider Contest was last Sunday. 4 pilots showed, all electric. It was very, very hot.
- The Innsbrook float fly is scheduled for Saturday Sep 12.
- Next week is the joint fun fly at Wright City Flyers.

**Old Business**

The Dues increase was the topic of discussion.

\* \* A vote was taken and passed to increase the dues to \$150 per year. \* \*

There was a question as to whether the Bylaws were followed. Was proper notice given? This is going to be looked into and if proper notification to club members was given, then the increase will stand.

**New Business**

- It was noticed that Boeing "advertised" a ski club. Jan agreed to look into this as it might help our club gain members if we could advertise as well.
- Jose made a \$90 contribution to the American Diabetes Foundation in memorial to Don Albert. A collection was taken at the scale contest.
- Jan is going to offer equipment for sale soon in an effort to fund his new pattern plane a Nuance. It is the author's opinion that this is a vain attempt to put pressure on his principal rival.

Meeting Adjourned.

jjw 9/4/18

## GSLMA Meeting (Thanks Harold Weaver)

### G.S.L.M.A. Treasurer's Report for August 31, 2018

Beginning balance at 7/31/2018 24,319.97

Total Deposits for 8/01/18 to 8/31/18  
Permits {and Donations} - {\$75.00} 465.00

#### Debits for 8/01/18 to 8/31/18

Debit Card – MO state registration fees (tax return) 11.25  
Auto Pay - Web Hosting Fee 4.00  
Bank Paper Statement Fees 5.00  
Total - Net 20.25

Ending Checkbook balance as of 8/31/2018 24,764.72

Undeposited August Checks .00

GSLMA total funds available 24,764.72

Prepays: R&R sanitation until 9/30/18; Rent until December  
Refund payable \$30.00 - Pending (unless AMA membership proof)

Month	Permit		Year		Permit		Year	
	20	18	20	17	20	16	20	16
Issued	MO	YTD	MO	YTD	MO	YTD	MO	YTD
Oct	24	24	6	6	0	0		
Nov	22	46	13	19	11	11		
Dec	38	84	42	61	42	53		
Jan (next yr)	37	121	57	118	26	79		
Feb	23	144	41	159	27	106		
Mar	26	170	33	192	37	143		
Apr	15	185	23	215	25	168		
May	15	200	11	226	15	183		
June	8	208	5	231	18	201		
July	7	215	5	236	6	207		
Aug	6	221	0	236	16	223		
Sep			9	245	10	233		
Total YR		221		245		233		

David Whitney –Treasurer, GSLMA

# AMA National Model Aviation Day

## Scale Aviation Fly-in

Phantom Flyers RC club held the second annual Fun Scale contest on National Model Aviation Day, August 11th. Turnout was a bit better than last year with five flyers intending to contest for bragging rights. We had three judges available; Larry Anderson, Peter George, and Jeff Brundt. Thanks for helping.

The field was shortened when Ed White was unable to start his Ultimate biplane. The remaining four pilots kicked off with presentation of their flying model and scale documentation. Bill Ahrens had a three ring binder with very complete documentation package, but all four pilots received the five documentation points for a minimum of a three view drawing and a photograph. Don Grzina presented an E-Flite AT-6 Texan, Bill showed his Freewing F-15C, Wes Wallin his 20% J3 Piper Cub, and Kevin Cox his F-86 Sabre Jet. Fun Scale rules allow RTF, ARF, kit, plan, or scratch built model aircraft. The model itself is not actually judged in Fun Scale. Check your hanger and plan to participate next year.

The major objective of a Fun Scale contest, conducted in accordance with AMA rules, is model flight emulating the flight of the full size aircraft it represents. Each flight follows a pilot designated flight plan with ten maneuvers to include mandatory take-off, landing, straight and level fly-by, and a horizontal figure eight. A fifth mandatory maneuver is "realism of flight" to include not only the designated maneuvers but the portions in between covering the entire flight demonstration. The remaining five maneuvers are selected by the pilot based on his knowledge of and skill in emulating the full scale aircraft capabilities. Judges score each maneuver with up to ten points, apportioning the score based on 30% presentation, 30% precision, and 40% realism. Each flight has a maximum possible score of 100.

Three rounds of flight were planned. Mother Nature provided additional challenge with a fairly stiff crosswind. Kevin had a good flight in the first round but damaged his F-86s nose landing gear, narrowing the field to three. Bill overran the runway all three flights, Don had a spectacular (but very non-scale take-off) and several go-arounds on landing, and Wes tempted fate with touch and go crosswind landings. In the end, all contestants had a good time if not great success.

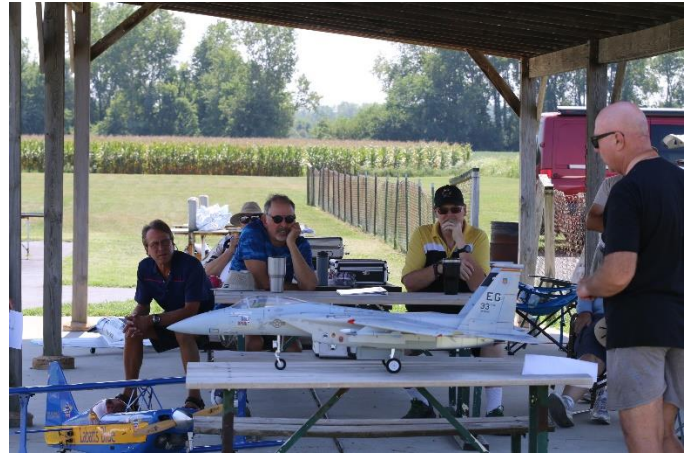
The normalized scale flight scores are shown below.

	Round 1	Round 2	Round 3	Total	
Bill Ahrens	1000	1000	876	2876	= 1st
Wes Wallin	774	783	1000	2557	= 2nd
Don Grzina	878	865	648	2391	= 3rd
Kevin Cox	978	-	-	978	= DNF
Ed White	-	-	-	-	= DNS

AMA encourages clubs to contribute to society on National Model Aviation Day. Phantom Flyers complied by taking a collection for the American Diabetes Foundation in memory of Donn Albert, former club member who died this past year. Ninety dollars was collected and turned over to the club treasurer to make the donation on behalf of the Phantom Flyers. The CD wishes to thank all who contributed.

Submitted by Don Grzina, CD.











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## Joint Wright and Phantom Flyers Fun Fly

The CD for this year's event had an aggressive list of sorties to fly but the modelers had other plans, which was to return with a flyable aircraft at the end of the event. The CD quickly adjusted the flight plans so that all the pilots agreed to participate.

The first challenge was to taxi, as fast as you could around the obstacles placed at the ends of the runway. If the obstacle was hit hard enough by your model it release yet another obstacle, a tennis ball. The pilot with the fastest run time wins.

The last challenge required the pilot to climb to altitude and glide for 30secs to a 'dead-stick' landing. The pilot nearest to 30 seconds wins.











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### Innsbrook Float Fly Saturday, September 1, 2018

Bill Moran and Don Vetrone hosted another great Fun Float Fly at Innsbrook. The weather was good, mostly sunny but a little on the warm and humid side. It was a little breezy but not too bad except when you got ready to land, invariably the wind would pick up with nasty gusts. Go figure? Nine pilots signed up to fly; Brian Molloy, Mike Heard, Harold Weaver, Bob Goulding, Dave Evans, Bill Moran, Don Vetrone, Greg Bowles, and Steve Mizerany. Larry and Danne Anderson attended as spectators. There was a total of 14 airplanes.

There were no spectacular crashes that I remember although a couple of the twin float planes tipped over during taxi in due to the wind gusts

Steve Mizerany said his Widgeon did not handle to his satisfaction and it was a little squirrely on takeoff (wing floats kept digging in and spinning the airplane around but got it safely into the air after several try's) but once airborne looked beautiful the way it flew in the air, however after landing he had a difficult time getting it taxiing in due to the wind but finally made it. I noticed the sub rudder was kind of small.

I burnt up the ESC on my Tidewater at the previous Memorial Weekend Float fly due to accidently starting to plug the battery in with reversed polarity. I checked the receiver and motor out with another ESC and battery when I got home and they seemed to be OK, however Wednesday evening when I started to prepare for this weekend I discovered the motor was not OK. Luckily I was able to replace the motor with an identical one out of my Great Planes 40" Super Sportster. I also went from a 30 to a 40 Amp ESC based on a recommendation from Brian Malloy because the ESC does not get much cooling inside the Tidewater fuselage. I continue to believe the Flyzone Tidewater is a great beginner's float plane, very forgiving and taxis well under windy conditions. Also as demonstrated by Brian Malloy is capable of very aggressive aerobatics. The first Innsbrook Float Fly Brian flew his Tidewater he started flying it so aggressively the prop came off. Unfortunately Tidewaters are no longer available at Tower Hobbies, however there are a few and some parts available on the internet, Amazon, etc.

Looking forward to the next Innsbrook Float Float Fly Memorial Day 2019!

Harold Weaver



Dave Evans with Bill Moran



Bill Moran Ultra Stick



Bob Goulding- Pulse



Brian Malloy- Puddle Master



Dave Evans- Timber



Don Vetrone-Fun Star

Flight Line and Harold Weaver flying



Bill Moran-Ultra Stick



Steve Mizerany-Widgeon





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

<b>April</b>				
<b>6</b>	<b>13</b>	<b>20</b>	<b>27</b>	
		<b>Harold Weaver</b>	<b>Larry Anderson</b>	
		Jim Frederick	Peter George	
		John Klein	Brian Molloy	
<b>May</b>				
<b>4</b>	<b>11</b>	<b>18</b>	<b>25</b>	
<b>Dan Sundman</b>	<b>Mitch Galatioto</b>	<b>Scott Watts</b>	<b>Don Grzina</b>	
Al Bone	Rick O'Mara	Jose Espinoza	Kevin Cox	
Brad Young	Emery Kattelman	Bill Ahrens	Jim West	
<b>June</b>				
<b>1</b>	<b>8</b>	<b>15</b>	<b>22</b>	<b>29</b>
<b>Jim Alberico</b>	<b>Wes Wallin</b>	<b>Jim West</b>	<b>Ed White</b>	<b>Jose Espinoza</b>
Jack Buydos	James Greenwood	Harold Weaver	Rick O'Mara	Brad Young
Ed White	Jan Jansen	Dan Sundman	Mitch Galatioto	Scott Watts
<b>July</b>				
<b>6</b>	<b>13</b>	<b>20</b>	<b>27</b>	
<b>Don Grzina</b>	<b>Peter George</b>	<b>Jim Frederick</b>	<b>Al Bone</b>	
Kevin Cox	Brian Molloy	James Greenwood	Emery Kattelman	
Wes Wallin	Larry Anderson	Jim Alberico	Jan Jansen	
<b>August</b>				
<b>3</b>	<b>10</b>	<b>17</b>	<b>24</b>	<b>31</b>
<b>Jack Buydos</b>	<b>Brad Young</b>	<b>Don Grzina</b>	<b>Rick O'Mara</b>	<b>John Klein</b>
Bill Ahrens	Scott Watts	Jim Frederick	Mitch Galatioto	Jim Alberico
John Klein	Jim West	Harold Weaver	Ed White	Jose Espinoza
<b>September</b>				
<b>7</b>	<b>14</b>	<b>21</b>	<b>28</b>	
<b>Brian Molloy</b>	<b>James Greenwood</b>	<b>Jan Jansen</b>	<b>Dan Sundman</b>	
Larry Anderson	Kevin Cox	Bill Ahrens	Al Bone	
Peter George	Jack Buydos	Emery Kattelman	Wes Wallin	

**Note:** It is possible I will be calling for volunteers in October if the field requires mowing late in the season.

<b>Phantom Flyers RC 2018 Event Calendar revB</b>				
<b>Event</b>	<b>Date</b>	<b>Day</b>	<b>CD</b>	<b>Remarks</b>
Snow Fly	1 Jan		Jan Jansen	
Vista/Electric Sailplane Contest	5 May	Sat	Larry Anderson	Sunday, May 6 if weather is bad
Innsbrook Float Fly	26 May	Sat	Don Vetrone	
Vista/Electric Sailplane Contest	2 June	Sat	Larry Anderson	
Vista/Electric Sailplane Contest	1 July	Sun	Jan Jansen	
Meet Me In St. Louis Pattern Fly-in	14 July	Sat	Ed White	
Joint Fun Fly at Phantom Field	4 Aug	Sat	Ed White	
Scale Fly-In and Contest	11 Aug	Sat	Don Grzina	Date moved
Vista/Electric Sailplane Contest	26 Aug	Sun	Ed White	
Float Fly Innsbrook	1 Sep	Sat	Don Vetrone	
Joint Fun Fly at Wright Flyer's	8 Sep	Sat	WF	
Vista/Electric Sailplane Contest	22 Sep	Sat		
Pattern Contest	29-30 Sep	Sat-Sun		
Christmas Dinner	1 Dec	Sat	Jan Jansen	

**Joint Fun Fly at Wright Flyer's may be scheduled for a later date.**

# Phantom Flyers RC CLUB

(Be sure to explore our website: [phantomflyersrc.com](http://phantomflyersrc.com))

## 2018 MEMBERSHIP APPLICATION

- Regular \$135/year x \_\_\_\_ yr(s) = \_\_\_\_\_  
 Family (IRS Dependents) \$140/year x \_\_\_\_ yr(s) = \_\_\_\_\_  
 Non-Participant (Non flying) \$15/year x \_\_\_\_ yr(s) = \_\_\_\_\_  
**\*\*\*\* Late Renewal Fee \*\*\*\* \$15** \_\_\_\_\_

}

Select  
All  
That  
Apply

Note: All new applications received after 1 July of this year will receive next year's dues free

*(Late fee required if member has not paid by 31 Dec)*

Total Amount Due = \_\_\_\_\_

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

	<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  
 9 Teak Court  
 Saint Peters, MO 63376  
 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](mailto:kevcox@charter.net)