

# **THE CARRIER WAVE**

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



**ama #393 SAINT CHARLES, MO**

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### **November 2016**

Newsletter of the Phantom Flyers R/C Club

<http://phantomflyersrc.com>

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#### **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	(636) 233-0193
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  
October 16, 2016 Meeting Minutes**

The meeting was called to order by Club President Ed White at 7:02 pm. There were 11 members in attendance. The meeting was held Mark Twain Hobbies.

**Secretary's Report**

The September meeting minutes were approved.

**Field Managers Report**

- Cracks in the runway were filled during last month's work day. We had a good turn out with lots of helpers
- The green mower threw a belt and was fixed Wednesday. The mower actually has two belts and both were replaced. We currently have a spare drive belt but no distribution belt.
- May need more mowing this year and could possibly need volunteers.
- The large amount of grass clippings were seen as a problem this year

**Activities**

The Club Christmas Party is scheduled for Dec 3 at La Chavez.

**GLSMA**

Park Rangers will now check for permits at Buder Park.

**Roof Repair Update**

- The low bid Roofer will still do the roof for his original bid price. He is currently busy doing hail damage and will do our roof later in the Spring.
- The assessment for an additional \$40 for 2017 was overwhelmingly approved by the Club membership. The assessment will not include new members.

**\*\*A motion was approved to add a \$40 assessment to the 2017 membership dues.**

**Keys**

Mitch has all key masters. Don Grzina had the St Peters key shop make a key for the lock that was not opening. That lock is impounded.

**Club Officers**

Next month Club Officers are up for election. Three positions are open.

- President
- Vice President - Don Grzina has been nominated
- Treasurer
- Secretary - Jim West will continue to serve

**Indoor Flying**

Moscow Mills indoor flying will not resume due to lack of interest.

Meeting was adjourned.

jjw 11/16/2016

## GSLMA Meeting – Wednesday, October 5th, 2016

Location: Grand Glaize Library Branch

Notes by: Jeffrey C. Young

Meeting called to order: 7:04pm

Roll Call.

September minutes read. Motion, second, and passed.

Treasures Report:

BB: \$30,447.64

Total Deposits: \$677.00

Debit – Library Room: \$60.00

Debit – Wash Station #881: \$275.00

Debit – Porta Potty #882: \$80.00

Total Debits: \$415.00

EB: \$30,709.64

Motion, second, and passed.

Buder Park Permits:

Permits 2016 09/01/2016 to 09/31/2016: 10

Permits 2016 YTD: 233

Old Business:

- Buder Air Show report:

- o 17 pilots

- o 71 Buddy Box

- o No parking donations

- o Total income: \$385.00

- o Total debits: \$1565.00

- o Ending balance: (-) \$1180.00

- Lions club incident – approached by individual to pay for damage to ground from trailer parking in grass. Individual said they were from SLCPD.

- FAA was to inspect Buder Air Show – no FAA reps were seen.

New Business:

- Meeting with parks department due to recent events at Buder Park. Tony V., Tom Ott, Chief Neizbit and John Evans (invited by SLCPD and former GSLMA Chair). Discussed ordinance. Re-submit rules, take to county council for approval. Permit required per 1985 rules approved by county council to be enforced October 18th 2016. Motion to accept revised rules, second, passed (one abstained).

- 2017 meeting dates:

- o Tuesday 01/03/2017

- o Tuesday 02/14/2017

- o Tuesday 03/07/2017

- o Tuesday 04/11/2017

- o Tuesday 05/02/2017

- o Tuesday 06/06/2017

Meeting closed 8:50pm

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# E-Flite UMX F-16 Mini Review



I purchased the Horizon Hobby Eflite UMX F-16 a few months ago. The UMX series are micro models and since I am partial to jets, I sprang for the F-16. I was pleasantly surprised by the performance of the UMX Habu jet so I was excited to a scale model. The F-16, in the Thunderbird scheme, was their first scale jet and looked really good. I purchased a used Spektrum DX6i to use on the BNF models from Horizon since my Airtronics system is of little use with these.

Advanced AS3X® technology delivers rock-solid handling

Wingspan: 11.6 in (295mm)

Length: 17 in (434mm)

Wing Area: 37 sq in (2.39 sq dm)

Flying Weight: 2.8 oz (80g)





The models are constructed of a beautifully painted foam and lightweight plastic parts. For power it uses a 28mm ducted fan and a 2S 300mAh pack. The F-16, while using the same fan unit as the UMX Habu has a more powerful motor but at the expense of flight time. The controls axis are roll, pitch and yaw, so it has a rudder and tailerons to control the roll and pitch. Tailerons on the F-16 means that each all-moving horizontal stab are independently operated by a servo. I am quite familiar with this setup and the caveats that come with it. One of which is that you really have to tweak the throws to get an axial roll, this includes adding differential but in the end you are rewarded with a lighter airframe. The model also features removable landing gear and incorporates a steerable nose wheel.

The UMX F-16 comes with wing tip missile rails and the lower ventral fins, which are very distinctive traits of an F-16. The manual recommends that you do not add the dorsal fins or missile rails if you plan to fly the model without the landing gear to prevent damage to the airframe. Apply a few decals and that pretty much ends the assembly portion of the model!



The maiden flight was done on a pretty windy day, ok what day isn't windy for a 2.8oz model? As I taxied out I could not help but think how cool looking the Thunderbird jet was. Reality then sat in as this model is prone to the same problem as larger ducted fan models of an F-16 and promptly tipped over. The takeoff was pretty uneventful, the Advance AS3X does everything it can to keep the model stable and no surprises were encountered. The rolls were barrel like so adding some in differential is needed, slow speed flight is

really slow with a high AoA (angle of attack) with the help of a headwind. The landing was again uneventful thanks to the AS3X but I was plagued with multiple tip overs that eventually wore away some of the tip of the very thin foam wings. In my wisdom, I did not put the missile rails on and this would have save the tips...or rip them off all together!



After the flight the thing really bothered me was the look of the landing gear hanging down. So it is now a hand launch model only and it looks a lot better in the air. The missile rails aka grass catchers look great and as long as you land the model slowly it should be fine. I like the model but the UMX Habu is more fun to fly but it's hard to beat the look of an F-16 Thunderbird...unless it's an F/A-18 Blue Angel!



# Phantom Flyers RC Event 2016 Calendar version 8

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/Intermed. Pattern Contest	30 July	Sat	Ed White
Joint Fun Fly at Phantom Field	6 Aug	Sat	Jan Jansen
	13 Aug	Sat	
Vista/Electric Sailplane Contest	20 Aug	Sat	Ed White
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
Christmas Dinner	3 Dec	Sat	Ed White

<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)