



**JAYHAWK
MODEL MASTERS
NEWSLETTER**

**AMA Club # 2013
January, 2016**

www.jayhawkmodelmasters.com

January 23 Meeting

**23rd Street Hy-Vee
Lawrence**

**8:00 AM – Breakfast
9:00 AM – Business Meeting**

2016 Officers

President	Gary Rauckman	843-3281
Vice Pres.	Kyle Walker	550-6545
Sec/Treas.	Rob Dewhirst	813-1796
Field Safety	Scott Borton	218-7429
Board 3yr	Jim Morris	691-7006
Board 2yr	Phil Abbadessa	913-908-9429
Board 1yr	Mike Weinsaft	843-3052
Editor 1yr	Gary Webber	312-4840

News-wrap

I hope all of you will bear with me as I take over the newsletter editing. I'll do my best to bring you timely and interesting news, but filling Gary Rauckman's shoes is no easy task! He has been at this for many years, and made it look easy!

Winter is upon us, with the thermometer hovering at 8^o F. at midday. Although the last two months have been unseasonably warm and dry, they have also been quite windy, limiting flying time.

Schedule of Events:

Jan. 23, JMM Meeting

Feb. 6, KCRC Swap Meet
(registration form on page 5)

Feb. 13, WRCC Auction

Feb. 20, JMM Meeting

May 14, Jayhawk Open

May 21, Jayhawk Electric

Facebook at:

Jayhawk Model Masters,

<https://www.facebook.com/groups/132391945409/>



January Raffle Plane

Our January meeting will be held on the fourth Saturday this month. The change from 3rd to 4th Saturday was necessary as the Club Room was reserved on the 16th. We have an excellent raffle plane for you, a Flitework Flying Bulls Zlin 50 LX ARF 63.5". I hope many of you can attend!

Capitol City Freeze Fly

JMM was well-represented at the CCRCC Freeze Fly on January 1st at their Perry Lake field. George Jones, Steve Lewis, and Mo BelAzrag attended. Here is George's report:

"The weather cooperated with warm temperatures, and the attendance was very good, I would say about 15 pilots were registered and a good number of other people were present. The picnic shelter was covered with tarps and the kerosene and LP heaters kept everybody nice and warm.

There was plenty of good food and deserts to eat and a big generator to take care of all of the crock pots and coffee pots. It was nice to see and visit with the guys at the CCRCC club again.

It was a little breezy out of the west but that didn't keep anybody from flying and all and all it was a very nice and enjoyable day. Sorry the rest of you guys missed a nice Freeze Fly, maybe you will attend next year!"

George W. Jones

December 19 Meeting

The winner of the December Model of the Month was Phil Abbadessa. His was the only entry, but his Phoenix Model® Pilatus PC-21 GP/EP ARF is such a beautiful airplane, and Phil did such an excellent job assembling it, I think it would have been difficult to beat.

This is a new model from Phoenix, reasonably priced at \$300, with a 57" wingspan, functional flaps and retracts, and excellent detail. Phil went with a glow engine, mounting it inverted to avoid

mutilating the cowl.

The Pilatus PC-21 is a single-turboprop, low wing swept monoplane advanced trainer with a stepped tandem cockpit manufactured by Pilatus Aircraft of Switzerland. Roll-out of the PC-21 prototype was on April 30, 2002 at Pilatus' factory in Stans, Switzerland, with the first flight taking place on July 1 of the same year.

The PC-21 is a completely new aircraft design. The aircraft features a tandem-seating arrangement (student in-front/instructor behind) in a bird strike resistant glass canopy with all round vision, glass cockpit with three large color liquid crystal displays (LCD), head-up displays (HUD), Hands on Throttle and Stick (HOTAS) controls and Zero-zero ejection seats for student and instructor.



Great job, Phil!

The first major item of business was election of officers for 2016. There were just enough nominees for the positions available, so the nominees were put forward as a slate and elected unanimously. The 2016 officers are listed on page one of this newsletter.

Paul Frankum reported to the assembled members on the recently promulgated FAA regulations regarding registration of Unmanned Aircraft Systems (UAS).



Effective December 21, 2015, anyone who owns a small unmanned aircraft weighing more than 0.55 lbs. and less

than 55 lbs. must register with the Federal Aviation Administration's Unmanned Aircraft System (UAS) registry before they fly outdoors. People who previously operated their UAS must register by February 19, 2016. People who do not register could face civil and criminal penalties.

AMA is currently working with the FAA to make registration easier for members of AMA. If they are successful, we may be able to use our AMA number and be registered automatically when we join AMA. However, it is unlikely that this will be negotiated before the Feb. 19 deadline. You may register at: <https://www.faa.gov/uas/registration/>

Finally, Patrick Deuser is up to his winning ways again, and won both the Weekend Flyers drawing and the December Raffle plane, a Yak 52 Russian Trainer Balsa GP/EP 1540mm (ARF) from HobbyKing.



JMM Weather Station

The latest addition to the facilities at Clinton International Model Airport is an Ambient Weather WS-1001-WIFI Observer wireless weather station. George Jones and Gary Webber installed the station on Friday, December 11, 2015 on the north gable end of the storage shed. Total cost was \$385.

The weather station connects via our cellular hotspot to the Weather Underground (WU) Personal Weather Station (PWS) system. This means that anyone can view current conditions and

historical data from the WU website. The station refreshes every 15 seconds, and provides data on temperature, dew point, wind speed and direction, wind gusts, precipitation rate and accumulated total, barometric pressure, solar radiation, and UV index.

You can view temperature, wind speed, and wind direction from the Webcam/Weather Station page of the JMM Web site [<http://www.jayhawkmodelmasters.com/webcam.html>], and follow links on this page to complete weather data.

In addition, there are links to a mobile version of the Webcam page and complete data, and to WU Android and iPhone apps. The detailed weather data page is large and slow to load, so I would suggest you use the mobile version when connecting from a cell phone.

The only issue we have been experiencing with the station is occasional loss of signal due to low power levels in the storage batteries. The current draw from the station and webcam combined is evidently great enough to drain the batteries to 50% capacity after three or four days of cloudy weather.

When the state of charge reaches 50%, the inverter shuts down automatically to insure that excessive power drain does not damage the batteries. We will be consulting with Cromwell Solar soon to evaluate this problem and see if we can find a solution.



Clinton Weather Station

I have been enjoying the weather history available on the PWS page. You can change the setting to display the previous

day, week, or month, and view long-term weather trends. Also, if you will pull back from the map at the top of the page, you will see more weather stations in the area, and compare data. The PWS Complete Data page looks like this:



View north from the entry road.



The south end of the N/S runway.



View east from the parking lot.

Photos like these make it easy to remember that the airport is located in a wetland area. Of course, anyone who has made the walk of shame east of the N/S runway knows this very well! It took me a good deal of time to de-mud my shoes and pick seeds from my clothes when I lost my Phoenix Edge in the sun following the October meeting.

High-Water Mark of 2015

Just in case you didn't get a chance to visit the field after a 4" rain in early June, here are some photos of Clinton Model Airport on June 4, 2015.

Well, that wraps up my first issue of the JMM newsletter! Thanks to George for the Freeze Fly article! In the months ahead, if you should see any interesting news, or have a good idea for an article, or take a photo you think others might enjoy, please let me know. Stay warm!



SWAP-N-SHOP



Saturday, February 6, 2016

At The
John Knox
Pavilion

Map to the Pavilion at
John Knox Village

Third Year
at this Great
Venue!

Admission \$5.00

Kids Under 12 Free

Concessions Available

Hours: 9 A.M. – 3 P.M.

RC Planes-Boats-Helicopters-Cars
Buy-Sell-Trade

Mail Registration Form and Fee to:
Duane Hulen
KCRC Swap-N-Shop
1020 SE 11th
Lee's Summit, MO 64081
Pre-Registration is Recommended
Tables sell out fast!
Questions? Call Duane at
816.516.4526 or
drhulen@sbcglobal.net



Walk-up Registration begins 8 A.M.
Vendor setup at 8 A.M.
Doors Open to Buyers at 9 A.M.

The Pavilion at John Knox Village
520 NW Murray Rd., Lee's Summit

Take Highway 50 East off of I-470
Exit West on NW Chipman Rd
Immediate Left on NW Murray Rd
Pavilion Marquee will announce Swap-N-Shop

Please Consider
Friday Evening Setup

Pavilion will be open for
setup at 5:00 P.M. and will
be secure over night.

Vendor Registration Form

Name _____
Address _____
City/State/Zip _____
Phone _____
Email _____ @ _____

Tables Wanted	Qt.	Price
<input type="checkbox"/> 4 Foot Table	_____	\$20.00
<input type="checkbox"/> 8 Foot Table	_____	\$25.00
<input type="checkbox"/> Additional Vendor Admission	_____	\$5.00

Last date for Pre-Registration—Jan 15, 2015
All table locations will be assigned by KCRC
One Vendor Admission for each 4' table

Vendor Badges
1. _____ 2. _____
3. _____ 4. _____
5. _____ 6. _____

Midgraph 10/8