



# JAYHAWK MODEL MASTERS NEWSLETTER

**April, 2016**  
**AMA Club # 2013**

## **April 16 Meeting**

**23<sup>rd</sup> Street Hy-Vee, Lawrence**  
**8:00 AM – Breakfast**  
**9:00 AM – Business Meeting**

## **Schedule of Events**

**April 30      Airport Work Day**  
**May 7         Jayhawk Open**  
**May 14        Jayhawk Electric**  
**June 25       Jayhawk Float Fly**

**Facebook:**

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

**Web Site:**

**<http://www.jayhawkmodelmasters.com/index.html>**

## **2016 Officers**

President	Gary Rauckman
Vice President	Kyle Walker
Secretary/Treasurer	Rob Dewhirst
Field Safety	Scott Borton
Board 3yr	Jim Morris
Board 2yr	Phil Abbadessa
Board 1yr	Mike Weinsaft
Newsletter Editor	Gary Webber

## **News-wrap**

Meeting Saturday for March was overcast, cool, and windy; not the best flying weather. But the next day was outstanding! BC was there with his [Black Horse T-28 Trojan 61 ARF](#),



and hoped to maiden a [Phoenix Model Sbach Aerobatic GP/EP ARF 55.3"](#). The T-28 flights looked good, but when Steve volunteered to maiden the Sbach, he had about as much luck as George had earlier with this same plane. It was almost uncontrollable, and he was barely able to bring it down in a belly landing.

Mo brought his [Skyline MXS-R 30CC 75" ARF](#) and was putting it through its 3D paces with great flair. It looked really good with the smoke on.



Mo and Steve also brought a table full of copters,



including Mo's new [SAB Goblin 700 electric helicopter](#) running on 12S power. This quiet giant maiden flew flawlessly, and performed like a champion.



I believe this 12S, two battery system makes this copter the most powerful electric aircraft currently flying at CIMA.

March 25 was a beautiful warm Friday, and usual suspects were at the field, including Bruce with his [Great Planes Super Skybolt 60 ARF](#) and one good-looking dog! Hey, that looks like the biplane that we use for our logo! Bruce was flying for his daughter and granddaughter.



The raffle plane for April is a doozy! Kyle ordered a [Seagull Models Curtiss P-40N Warhawk Shark Head ARF](#) not available in the US. This balsa ARF has an 80" wingspan and weighs in at around 16 lbs.

**Don't miss this meeting and a chance at this giant warbird!**



### ***February 20 Meeting***

#### **Show & Tell**

Two airplanes were entered in the Show & Tell for March. Dave Alexander brought his recently renovated Modelair-Tech Slomowatt Mk II gull wing electric. This Tom Hunt design was built by his stepfather with 1/8 inch balsa sticks.

This is a rudder plane and at least 15 years old. He's done quite a bit of work to refurbish it, and it looked sharp!



Mike Weinsaft brought the second entry. It was a Yak 55, 2D foamy electric that he had bought at a recent swap meet. Mike had done a repaint, and installed new landing gear and electronics. Another excellent refurb!



Dave's Slomowatt won the contest.

### Presentations

Phil Abbadessa made a book report on David McCullough's latest book "The Wright Brothers." In this non-fiction work,

two-time winner of the Pulitzer Prize David McCullough tells the dramatic story-behind-the-story about the courageous brothers who taught the world how to fly: Wilbur and Orville Wright. This latest in a series of Wright biographies reveals some new details and insights into the lives of these two amazing men. Thanks Phil!



### Business Old and New

Rob announced that we now have 27 paid members for 2016, about half our roster last year. Don't forget to renew your membership!

Starting in June, we will no longer meet at Hy-Vee. The monthly meeting will be held in the Smith Center of Brandon Woods, 4730 Brandon Woods Terrace, Lawrence, KS. Breakfast buffet will cost \$10 for a full meal. More information on how to get to the Smith Center in the May issue.

Patrick won the Meeting Weekend Flyer drawing. Gary Webber was presented with a plaque recognizing his service as President.

May events were rescheduled to allow JMM to teach the aeronautics course we teach each year. ***There will be no May meeting.*** Event dates:

- April 30, Work Day at CIMA
- May 7, Jayhawk Open
- May 14, Electric Fly-in
- May 28, Blue Sky Fly-in

## Monthly Raffle

Three planes were raffled this month. Gary Rauckman won the CY Models .40 size Drastik, and auctioned it to Pete Watson, proceeds going to the club (Thanks both!). Dave Alexander won the Multistar Fun Club, and Mike Weinsaft won the Easy Star II and auctioned it to Robert Sharp, also to the club. Thanks guys!



## Getting to Know You Lester Smith!

This month we get to know Lester Smith, a longtime modeler and JMM member.



Lester joined the Army at 20 in 1955 and served as a dispatcher in the military police in Germany for three years. When he returned to the states, he got a job with U.S. Postal Service. Lester liked it so much he stayed for 35 years, and retired in 1992. Not ready to quit working, he joined the Security Office at Lawrence Memorial Hospital and worked there until 1998.

Lester and his wife had been married for 53 years when she passed away in 2011. He has three children, who are all doing well and live in Lawrence.

Lester found modeling early, starting with ten-cent stick models in 1946. He remembers that working with slow-cure glue taught him patience, and his favorite aspect of modeling is the relaxation of building. He particularly enjoys building from scratch or from plans.

Lester started with radio control in 1985 flying gliders, and became a member of JMM that year. For him, the joy of flying comes from being in control of something you have built and put in the air. He attends meeting and many of the JMM events, and his favorite is the Float Fly. He appreciates having a safe place to fly, free from noise issues, among friends with similar interests. We appreciate you, Lester!

## Clinton International Model Airport (CIMA)

### Mowing

It's that time on year!. On March 14 George and Gary performed spring maintenance on the Hustler, including:

- Change engine oil and filter,
- Repair leak on left hydrostatic drive unit,
- Change hydrostatic drive oil and filters, and
- Install sharp blades.

We still need members to help with mowing. There are 5 openings for later in the summer. If you are interested in helping out, email Gary at [gwebber@sunflower.com](mailto:gwebber@sunflower.com).

Thanks to the Mowing Crew for their volunteer labor and support of Clinton Airport! Our airport looks great because you volunteer!

## Entrance Gate

The new gate was installed on Saturday afternoon, March 19. Bill Elkins brought his tractor and post hole digger, and many hands made light work. The split-rail look goes well with the outer lot fence, and the fence wings discourage drive-arounds.



Thanks to Bill Elkins, George Jones, Jim Morris, Robert Sharp, Gary Webber, and Mike Weinsaft, for installing this handsome gate!



Don't forget to lock it when you are last to leave!



## Solar Photovoltaic System

Angelo from [Cromwell Solar](#) visited the field on April 1, and evaluated the

performance of the solar electric power system. He explained that the Outback power controller/inverter has a continuous "parasitic load" of approximately 50 Watts. The three devices we are currently running, the webcam, mobile hot spot, and weather station, use about 25 watts. This 75 watt draw totals 1.8 Kwh per day (75W x 24 hr).

Our batteries have a capacity of about 4.8 Kwh when discharged to 20% capacity. This explains why the batteries reach their lower limit (approx. 21 volts) after three days of cloudy weather. We had only 6 days of no power in one year of operation, so it appears, at least initially, that our



system is properly sized for our needs.

## ***We Lose a Friend***

JMM Member Don Caillouet passed away last week. His friends and fellow modelers will miss his companionship. Funeral services will be held on April 2, 2016, at 11:00 a.m. at the First United Methodist Church, 946 Vermont St, Lawrence. Obituary and online condolences at [rumsey-yost.com](http://rumsey-yost.com).

## ***FAA News***

I thought I might try to provide a quick overview of FAA regulation of our hobby during the last few years:

- Feb. 14, 2012: [H.R. 658, FAA Modernization and Reform Act of 2012](#) signed into law. [Sec. 336. Special Rule](#)

[for Model Aircraft](#) exempted our airport and members who use it from regulation by stating the FAA “may not promulgate any rule or regulation regarding a model aircraft, or an aircraft being developed as a model aircraft,...” under certain conditions Our members would meet those conditions when flying at our airport.

- Dec. 21, 2015: FAA implements mandatory [registration of all Small Unmanned Aerial Systems \(SUAS\)](#). This basically includes all of our RC aircraft. This requirement ignored the Special Rule for Model Aircraft. AMA at first recommended its members delay registration, claiming they were working on an exemption for AMA members at AMA fields, then told us we needed to register.
- Feb 11, 2016: [H.R.4441 - Aviation Innovation, Reform, and Reauthorization Act of 2016](#) passed by committee and sent to the House. This bill reaffirmed and strengthened the Special Rule for Model Aircraft. It was voted down and sent back to committee because (primarily) it contained a section that would privatize the Air Traffic Control system in the US. This bill contained language limiting UASs to under 400 ft., and requiring that they notify airports if flying with 5 miles, an increase from the current 3-mile perimeter. CIMA is 7.9 miles from Lawrence Municipal Airport, the closest airport. This would have been a 7-year reauthorization.
- Feb. 15, 2016: Both the house and the senate extended the current FAA authorization to July 15, 2016.
- March 16, 2016: [S.2658, the “Federal Aviation Administration Reauthorization Act of 2016”](#) was passed by committee in the Senate and sent to the floor. This one-year reauthorization would include the 400 ft. limit, 5 mile from airport limit, cover all UASs under 55 lbs., and require passing an online “aeronautical knowledge and safety exam”. The Special Rule for Model Aircraft (above)

would be repealed. [Here is a summary of S.2658.](#)

In addition, the bill will require all small UAS to meet design and production standards within one year from enactment. Manufacturers will not be allowed to sell any UAS in the United States unless they certify to the FAA that their design and manufacturing processes meet these new standards, and that random production samples are tested to the standard.

The AMA is saying the same things it said when the registration program was announced “we are working with the FAA, this is only a draft and may be sent back to committee” etc. The bill is currently being debated in the senate.

### ***Corrections***

In the March newsletter I misidentified Phil’s Model of the Month as a [Fairchild PT-19](#). This meticulously covered aircraft is actually a [Ryan STA-M](#). Apologies to Phil for this error!

### ***More Photos from March***



Mo’s Goblin 700.



The new gate.