



**AMA Club # 2013  
Year 2015**

[www.jayhawkmodelmasters.com](http://www.jayhawkmodelmasters.com)

**Facebook at:**

**Jayhawk Model Masters**

**January 17 Meeting**

**23<sup>rd</sup> Street Hy-Vee  
Lawrence**

**8:00 AM – Breakfast**

**9:00 AM – Business Meeting**

**2015 Officers**

President	Gary Webber	842-8426
Vice Pres.	George Jones	727-5970
Sec/Treas.	John LaGesse	760-2543
Fld Safety	Darrel Cordle	766-8001
Board 3yr	Don Boucher	331-8939
Board 2yr	Mike Weinsaft	843-3052
Board 1yr	Scott Borton	218-7429
Editor, yrs	Gary Rauckman	843-3281

**Schedule of Events:**

**Jan. 17, JMM Club Meeting**

**Feb. 7, KCRC Swap-n-Shop**

**Feb. 14, WRCC/DRCC Auction**

**May 9, Jayhawk Open**

**May 16, Jayhawk Electric**

**June 6-7, Paola Float Fly**

**June 27, Jayhawk Float Fly**

**News-wrap**

Hopefully the coldest part of winter is behind us with this last arctic blast, and for you guys with ski quipped aircraft, you're out of luck it appears. The 10 day forecast shows warmer weather and little or no snow. That's just fine with me.

I'm still piddling away on my 2 yr. old Chris Graham A-10; no great progress however. I did find that I'm missing some parts to the nose cannon, the leading edge wing slats, and some wood bulkheads. He said he would try to pull some stuff together and send it. This exact model is no longer produced, but he is working on a new improved version. Oh, I did get the ailerons, and the 4 fowler flaps installed, but w/o servos.

### ***KC/RC Swap-N-Shop***

I have been visiting with Kyle Walker since the swap meet. He was able to reasonably purchase several jet powered aircraft at the meet. A one-off Yellow F-18 with composite wings and stabs, and a Jet Model Products all composite T-33. He is trying to decide what to keep and/or sell.

I understand he sold the old Great Planes F-4 prop-jet that I built to KC Moore. KC has since installed afterburner lights in it, and is now installing an FX .91. I saw George Jones, he is updating a .46 size PT-26 that he purchased in a collection. For you guys on the back row, a PT-26 is a PT-19 with a glass canopy and not open cockpits.

### ***New 2015 Officers***

Most of you are aware that we had election of officers at the Dec. meeting, and those listed on page 1 are the guys for the new year. New officers for 2015 include Gary Webber as president, George Jones as Vice pres., and Scott Borton as board member. All others were retained from last year.

### ***Al Lata passes***

Most of you are aware that Al Lata died last month after a short illness. We offer our prayers and condolences to the family. Al was 83 years old, and held a BA in Chemistry, and an MA in Education. He also served 2 years in the US Army. Al was involved with Theatre Lawrence, Lawrence Motet Singers, and sang for weddings and funerals. Al was always in attendance at club meetings, and club events, and normally volunteered to assist in those events and other projects. Al was furthermore a participant on several trips to Toledo.

The annual KC/RC swap meet is scheduled for Sat. Feb. 7, 2015 at the John Knox Village Pavilion again this year. This will be the 2<sup>nd</sup> year at the Pavilion, and I think it is perhaps one of the better locations for the swap meet. We may have a couple extra passes for those interested. We plan to meet again at the 87<sup>th</sup> street Perkins for breakfast at about 6:30 AM.

### ***Power at the Field***

Gary Webber has been spearheading the research into finding an efficient way to supply electrical power at the field. Recently that study has pointed in the direction of using solar power and a battery bank to do the job. The cost would be about half that of installing permanent electrical service or about \$5800. Another upside would be no minimum monthly electric bill. The downside would be replacing the batteries when needed. More info is likely on the way before any decisions are final.

### ***SIG Appointed Seagull Models Distributer***

Sig Manufacturing has announced that it has been named the exclusive distributor for Seagull Models for the US and Canada. Seagull Models currently manufacturers over 100 high-quality almost-ready-to-fly radio control airplanes which are all manufactured from wood

***Can I interest you in a can of "Smokbackin", not only does it put the smoke back in your ESC but will also cure baldness and prevents snake bites.***

## ***Trimming an Aircraft for Flight***

Hobby Merchandiser

Everyone who flies has likely seen two models of the exact same aircraft fly differently. Until recently, I was unaware of how many modelers were not aware of the basics of trimming a model aircraft.

One of our local pilots was commenting on how poorly his airplane flew. I had to agree, but it wasn't the airplane, but the way it was trimmed.

"Your airplane flies like a crab walks. Let's start over. Trim your elevator to fly level. Next trim your wings so they are parallel to the ground." There was a noticeable turn to the right present, so the pilot was told to input left rudder trim, and we began again. "Stop, don't adjust the ailerons to modify the turn. Let's re-trim the wings so they are parallel to the ground and adjust the rudder to take away the yaw."

We teach students to turn on the ground with rudder and turn in the air with the ailerons, so when the airplane turns left or right in flight, aileron trim is input instead of rudder. The result is often an airplane that "crabs" through the air.

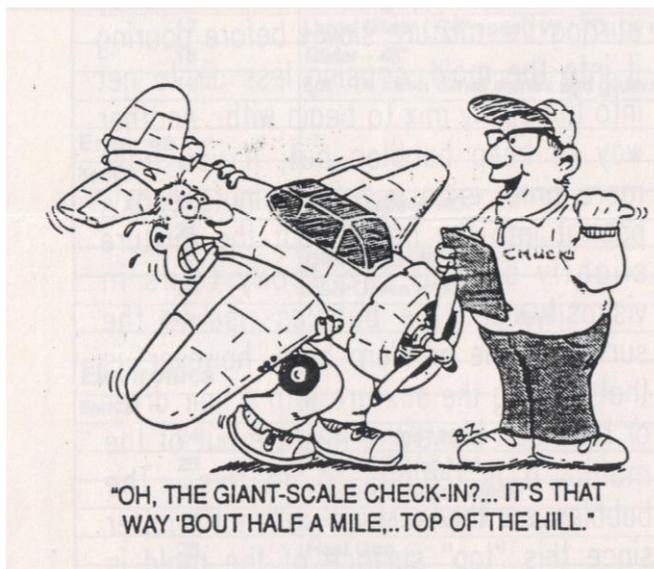
The first step in setting up an aircraft for linear flight is to use the rule of 90. That is, set all the servo arms so when neutral they are 90 degrees to the case. Since we can't always set the arms at a 90 degree angle with the splines, we use sub-trim to accomplish the task. This is about the only time the sub-trim menu should be entered. Once the arms are properly set, tell the pilot for the initial setup to never use sub-trim to center a control surface, as it will affect the surface deflection.

Now that the servos will provide equal throw in each direction, adjust the length of the pushrods until the control surfaces are centered mechanically.

Provided the airframe is straight and properly balanced to begin with, the aircraft should be very close to trim on takeoff. Go through the basics again. First trim the elevator, next the ailerons, and finally the rudder.

We recognize there are advanced trimming techniques like eliminating adverse yaw, but for now, we are looking to make the pilot happy by providing him with an aircraft that flies straight and level.

There is a saying in precision aerobatics, "You can't exit a maneuver level if you don't enter a maneuver level," and you'll never get to that point unless the airplane is properly trimmed from the onset.



## ***Membership renewal***

Yes, it's that time of year again, to renew your AMA and your club membership. Another exciting year is ahead with 4 major events of our own and others in the area. I don't know about you, but I can't wait until May 9 and the Jayhawk Open. Maybe we will have power at the field by the time of the Jayhawk Electric. Your membership and participation will be needed to accomplish all we have planned. Perhaps you have a friend who is ready to start in the hobby as well.

## ***JMM Dec. 20 Cub Meeting***

We had 20 members at the Dec. meeting, and here are some of the things I observed. We had a visitor by the name of Dan Jennings who grew up here and just moved back from Oregon. He seemed interested in joining our club.

Phil Abbadessa is starting work on a Seagull Husky. It is an 80" wingspan aircraft that uses .91 power. Phil said some of the parts don't quite fit making it more than just a screw together kit. Below is the Seagull Husky on floats, hopefully Phil's will look like this when finished.



Most of you know by now that Robert Sharp had a fire in his Pomona home last month, and it likely is not restorable. I think he is looking for a place in Eudora. We're sorry to hear about that Robert. Hopefully you are settled by now.

Bill Elkins is currently reorganizing his shop and may have a Model Talk meeting there in Feb. Darrel Cordle reminded us as Safety Officer to not drop a 9 volt battery in your pocket with your keys or other metal objects. This could result in a "Hot Pocket" or your name changed to "shorty"; 2 puns intended. Always tape the ends. Same concern with a Ni-Starter.

As mentioned earlier we are getting bids from 2 companies regarding a solar installation at the field. This will require a large and secure steel box to house the battery bank, and a more secure separate entrance gate.

We listed the following reasons for electrical power:

- \* Eliminate generator noise at events
- \* Recharge station at electric events
- \* Webcam and weather station
- \* Security Cam & Motion light

KUAE has joined our club and is filing for a waiver or certificate for automates flight at our field.

The Gal-O-Fuel was won by Patrick Deuser, and the 70% cash raffle of \$42 by George Jones. Bill Elkins mentioned that he has Balsa & Covering from Nate Ericson's collection for those in need of something.

At Phil Abbadessa's suggestion, I wrote this newsletter really slow for those who can't read fast. See-ya Sat. at the club meeting.



# SWAP-N-SHOP



## Saturday, February 7, 2015

**At The  
John Knox  
Pavilion**

Map to the Pavilion at  
John Knox Village

**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 Marque will announce Sway and 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 16, 2015  
All table locations will be assigned by KCRC  
One Vendor Admission for each 4' table

Vendor Badges  
1. \_\_\_\_\_ 2. \_\_\_\_\_  
3. \_\_\_\_\_ 4. \_\_\_\_\_  
5. \_\_\_\_\_ 6. \_\_\_\_\_



***Jayhawk Model Masters  
c/o Gary Rauckman  
1144 N 1100 RD  
Lawrence, KS 66047***

*A-10 Thunderbolt II*

