



JAYHAWK Model Masters Newsletter



www.jayhawkmodelmasters.com

JANUARY 2010

A.M.A. #2013

2010 Officers

January 9 Meeting

JHMM Club House
305 West 23rd
Lawrence

8:00 AM – Breakfast
9:30 AM – Business Meeting

President	Gary Allcorn	913-796-6941
Vice Pres.	KC Moore	248-3790
Sec/Treas.	Jerry Foree	749-0594
Fld Safety	Kent Kummer	418-8020
Editor	Gary Rauckman	843-3281
Board 3yr	Harris Tate	841-8946
Board 2yr	Don Boucher	748-0852
Board 1yr	Steve Pollard	749-5847

Newsrap

Ok, so the weather “is” a bit of a problem around here the last few days. Only one more reason to get a kick-start on your winter project. Perhaps you are entering the building contest, and you just needed a few extra days to get back on schedule. Well, you sure got your wish, didn’t you. George Jones didn’t seem to let it bother him, since he was seen flying his Cub at Longyear’s Freeze Fly on Jan. 1.

Schedule of Events:

Jan. 9 JHMM Club Meeting

Thurs. Eve.’s, JHMM Building Night

Jan. 14, Franklin County Flyers Meeting
“Smokey’s BBQ, Downtown Wellsville, 6:00 PM”

Jan 16, KCRC Swap Meet

Feb. 20, Derby R/C Club Auction

April 9-11, Toledo Expo

May 1-2, Jayhawk Open



From what I understand, the Capitol RC Cub had to cancel their freeze fly because there was just too much snow in the way. I haven't heard yet about the Franklin County Flyer's event. This snow just confirms my thinking, the hockey puck graph "is" pointing downward. Or, maybe the overall entropy of the universe is in flux.

Hey, lets move on, I think I'm getting a little over my head here. Let's see, Oh, you guys probably didn't get to see the KU students at our field last month. They were testing their new design for the weight carrying competition that they plan to enter this spring. I don't know how much weight it can carry but it flew well with empty cargo. I know that all entries must fly with a .61 Super Tiger for power in the standard class. They may still have an unlimited class as well. Here is the KU project.



The KU aerospace students also have another experimental project that involves a flying wing. Darrel Cordle tells me he was helping them as test pilot. I was not able to get any photos, but Darrel says the aircraft did takeoff, but was not able to sustain flight. In other words, once the controls were relaxed, it wanted to bore itself into the terra-firma. I guess that's why we call them experimental. Hey, I just realized, most of my flights around here must be experimental.

Brian Metzger was also flying a new aircraft this month. It is called a Sportster, but it is not a Great Planes Sportster. Brian did have a little problem however. After landing, he noticed that the horizontal stab was rather flexible. Close examination revealed cracked leading and trailing edge parts. So, a repair is in order. Fortunately, it didn't totally fail in flight. See it here.



Another experimental flight that I witnessed was the maiden flight of Mike Weinsaft's A-4 Skyhawk built by KC Moore. Actually KC test flew the aircraft for Mike before purchase. This A-4 has a pusher e-prop and is all flying-styro. See below.



Lets see, who else did I see fly before the big snow storm of 09'? Oh yeah, David Alexander was flying his F-22 Jayhawk. Here we go.



According to Harris Tate, Mike's A-4 "exceeded the speed of ground". Others thought it outperformed the material. Hopefully, Mike was able to glue all the parts back together by now. At least the snow won't prevent him from flying.

Model of the Month 2009

Every year we compile a list of all the winners for the Model's of the month, and at the end of the year we select by drawing a final winner. The final winner is awarded \$100 in Club Funny Money to use during the next year. If I were just guessing, I would say that George Jones has the biggest chance to win based on the number of Show & Tell appearances. That's one way to get noticed George. Hey, you could just do like me, and walk around with your fly unzipped.

Dec. 19 Club Meeting

We had 26 members at the Dec. meeting and they included new member Robert Sharp and new attendee Brian Metzger. Robert recently moved here from CA, and Brian is a KU grad student who has been a member for about a year.

Jerry Foree gave an updated treasurer's report, and Patrick represented Kent Kummer with some safety items Kent emailed in. These include wrapping your old blades in duct tape, and using Nitriale gloves when you use CA glue. That was something new to me. Someone also mentioned Hasflue gloves. I'm not sure about these spellings. Someone else warned to be sure and check your batteries before every flight in this cold weather.

Old business discussion included talk of a smooth surface for the alternate NS runway, and what size we should use for estimating. Some thought a 20' x 200' , or even a 18' x 100' would be nice. One member said a 50' x 600' cost \$40,000 for a club in Missouri. I guess that would make an 18' x 100' about \$2500. Anyway, Patrick is collecting the data.

Kirk Kloepper was at the Dec. meeting and invited us all to Effingham for the Feb. Model Talk Meeting. We don't have an invite yet for January.

Last item of business was election of officers. If you looked at the list on page one, you will have noticed the new officers and they are as follows.

2010 Pres. Gary Allcorn

2010 Vice Pres. KC Moore

3Yr Board Member Harris Tate

Show & Tell

George Jones treated us to not one, not two, but three show and tell aircraft. Starting with a little "whatsit" spring powered aerobatic floor airplane that does a vertical ground loop. Here it is going vertical.



Here is George carrying in a ¼ scale Great Planes J-3 Cub that he purchased at the Shawnee Mission RC Club swap meet. It has a Saito 72 GK, a 82" wingspan, and weighs 10lbs.



And thirdly, George was showing an airplane that many of us had not heard of. This is a kit-built Laird Xcellerator. It features a 90" wingspan and a G-62 for power. It flies very well. See on the next page.



I almost forgot to mention that ‘your’s truly” gave an abbreviated demo of how to change the bearings in a glow engine. Specifically, an OS .61 FX engine was used to demonstrate with. Actually, I learned a few things myself as others joined in with their experiences. One member said it was very timely for him as he was planning to do his first one this month. See photo.

For the 2nd month in a row we raffled a \$350 Spectrum radio system and for the 2nd month in a row, the winner was our new president Gary Allcorn. Man what a way to start the year. Did I mention that this radio was donated to the club by Geoge’s Hobby Shop here in Lawrence. Perhaps we should express our appreciation in any way we can. Other raffle winners were as below:

Model of the month - George Jones

Gal-O-Fuel – Tom Supancic

Sectrum Heli Radio – Gary Allcorn

The outgoing President Patrick Deuser also give a special award to the person he felt was most available and perhaps could be called most valuable as MVP of the club for the year 2009. Congratulations George Jones. George will receive a free 2010 club membership paid for personally by Patrick Deuser.



Since I have a little space here, I will add a photo of some of our recent new members. Pictured below is Robert Sharp.



Another new member Gee Marsh



2009 Models of the Month

Jan. Joe Gadzia Coco lama V-3



Feb. John Lewis E-Moth



March, Hank Darnell, Slow Stik



April, George Jones, Tiger Moth



May, Airport Meeting, NA

June, Harris Tate, Millenium SSX



July, Kent Kummer, J-3 Cub



August, Nate Ericson, Nate's Gnat



Sept. George Jones, Lighted cadet



Oct. Mike Weinsaft, F-22



Nov. KC Moore, Foamjets.com

Dec. George Jones, Xcellerator+2



Now about that CG?

Author unknown

This might be a dumb question to ask but.., If you balance a plane right side up to get a close CG point, will it be the same upside down????

No dumb questions here. Just redundant sometimes 🤔. I have asked the same question before and have been told that you should balance low-wing planes upside down. I think it's relative to the type of wing.

It has to do with equilibrium. It is "technically" impossible to balance something where the center of gravity is above the balance point, you always need the CG to be below the balance point to achieve equilibrium. When we define CG we usually define it only in 1 dimension, percentage of distance from nose to tail (usually referenced as a percentage of the wing chord or as a distance from the wing leading edge, etc.).

CG is however a 3 dimensional entity and this needs to be considered when balancing the plane. We cancel out the lateral dimension by having CG machines that has a wide stance on the wings. We cancel the vertical dimension by "hanging" the plane in such a way that the CG is below the pivot points of the CG machine. this leaves only the longitudinal dimension as a variable and as such we adjust our components to suit.

Think of it the following way, trying to get the CG of a low wing plane on the underside of the wing is like trying to balance a ball on an upside-down smooth bowl, it will always tend to roll off the edges though we know there is a point where it should stay. If we flip the bowl over...

2010 MEMBERSHIP APPLICATION

JAYHAWK MODEL MASTERS

A.M.A. CLUB #2013

NOTE: YOU MUST BELONG TO THE ACADEMY OF MODEL AERONAUTICS [AMA] BEFORE JOINING THE CLUB AND YOU MUST HAVE LIABILITY INSURANCE IN ORDER TO FLY AT THE CLINTON LAKE R/C FIELD.

FULL NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP CODE _____

HOME PHONE _____ CELL PHONE _____

AMA # _____ RADIOCHANNELS ___/___/___/___/___/___/___/___/___

BIRTHDAY _____ WIFES NAME _____

E-MAIL _____

I AGREE TO ABIDE BY ALL CLUB RULES AND THE DECISIONS OF CLUB OFFICERS

SIGNED: _____ DATE _____

**ANNUAL DUES: \$50.00 [ADULT], \$25.00 [17 AND UNDER]
\$70.00 [FAMILY with youth under 18 years]
Dues Prorated Quarterly – FOR NEW MEMBERS ONLY**

A key to the flying field may be obtained during any club meeting and requires a \$3.00 deposit.

MAIL DUES TO: JAYHAWK MODEL MASTERS
C/O JERRY FOREE
724 NORTH STREET
LAWRENCE, KS 66044

RELEASE AND WAIVER OF LIABILITY AGREEMENT

In consideration of my/or my children, guests, or other persons participation in club or field activity, hereby, for myself, my heirs, my executors and/or administrators, waive any and all rights and claims for damages I may have against the JAYHAWK MODEL MASTERS R/C CLUB, INC., and any individuals elected or appointed to act as representatives of the JAYHAWK MODEL MASTERS R/C CLUB, INC., the U.S. Army Corp. of Engineers, the City of Lawrence, or their representatives. Also, none of the above are responsible for the loss of personal items nor any other form of aggravation in connection with club or field activities. I recognize that there may be potential hazards in this activity.

In filling out this form, I acknowledge I have read and fully understand my own liability and do accept the restrictions.

FULL NAME [Please print] _____

SIGNATURE _____

SIGNATURE OF PARENT/GUARDIAN [if under18] _____



KC/RC SWAP-N-SHOP

<http://www.kcradiocontrol.com>

Saturday January 16, 2010

9:00 AM—4:00 PM

**Over 14,000 Square Feet!
R/C Planes-Boats-Helicopter-Cars
Buy-Sell-Trade**



MCC Business Technology Center

1775 Universal Ave, Kansas City, MO
I-435 at Front Street (Exit 57)
1/2 Mile West of I-435
1/2 Mile North on Universal
Look for KCRC Swap Meet Signs

Admission \$5.00

Kids Under 12 Free

Concessions Available

Form and Fee to:

Jim Cianciolo

KC/RC Swap-N-Shop

3014 Viking Court

Independence, MO 64057

Questions? Call 816.795.7302 or krcpilot@comcast.net

Mail Registration Walk-Up Registration begins at 8:00 AM
Doors open for Vendor setup at 8:00 AM
Buyers at 9:00 AM

Pre-Registration is Recommended.

Tables sell out fast!

Vendor Registration Form

Name _____

Address _____

City/State/Zip _____

Phone _____

E-mail _____

Tables Wanted	Qty	Price
<input type="checkbox"/> 4 Foot Table	_____	\$12.00
<input type="checkbox"/> 8 Foot Table	_____	\$25.00
<input type="checkbox"/> 8 Foot Wall Table	_____	\$30.00
<input type="checkbox"/> Additional Vendor Admission	_____	\$5.00

Make Checks Payable to KCRC Annual Entrance _____
NO Cash Please!

LAST DATE FOR PRE-REGISTRATION—Jan 9, 2010

ALL TABLE LOCATIONS ASSIGNED BY KCRC.

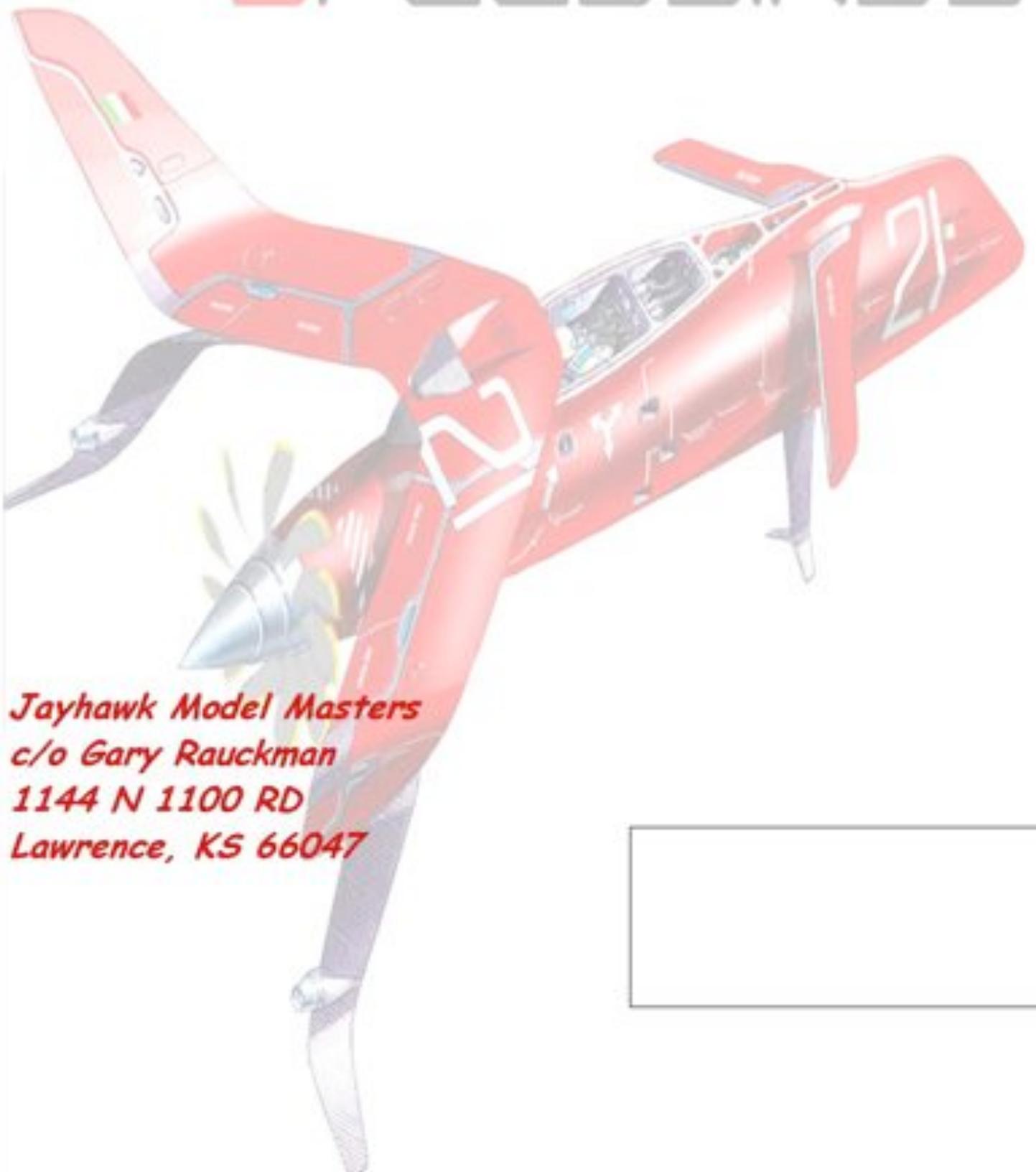
ONE VENDOR ADMISSION WITH EACH 4' TABLE

Vendor 1. _____ 2. _____

Badges 3. _____ 4. _____

5. _____ 6. _____

SPEEDBIRDS



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

