



KANSAS CITY RADIO CONTROL ASSOCIATION



CONTACTS



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FROM THE PRESIDENT

Many of you may already know about the FAA pending release of the proposed rules change regarding the small Unmanned Aircraft System (sUAS). This is something everyone in model aviation should pay attention to. It could have a major impact on our hobby. One point of good news is that on February 3 H.R. 658 the FAA Modernization and Reform Act of 2012 was passed by the House of Representatives. This bill included the adoption of a "provision presented by the Joint Conference Committee aimed at protecting model aviation from burdensome regulation". The bill will now be taken up by the Senate on Monday 2/6, while this is not a done deal at the time I write this the AMA feels there is every reason to believe the Senate will pass the House bill and send it on to the President to sign. I am no expert on this

matter and I urge every member that has Internet access to read up on this subject on the AMA web site at <http://www.modelaircraft.org/aboutama.gov.aspx>. When the FAA does release the new rule proposal there will be a period open for public comment. At this time the AMA may need our help with more letter writing campaigns. If this does happen I will pass along the information to the club as I receive it.

Just a reminder, if you have not renewed your membership for 2012 before the February meeting you will not be on our official AMA roster, and you will no longer receive email notices of club events. Please re-new your membership ASAP.

Craig White

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NEXT MEETING

February 15, 2012

7:00 p.m.

EAA Hangar Bldg.

Lee's Summit Airport

MEETING MINUTES

January 2011

The meeting was called to order at 7:00 pm by club president Craig White.

There were 20 members in attendance. There was one visitor John Johnson, who joined the club later that evening.

There was a motion made and seconded to approve the minutes from the December meeting, as published in the January Contacts newsletter. Motion carried.

Officer Reports:

President Craig White reported on the Icicle Stick Fly-In held on January 1st. The weather was cool with a brisk breeze, but many members braved the elements to fly. Many more enjoyed the chili and the fellowship. Craig reminded the members of the Appreciation Dinner to be January 21st at the Beautiful Savior Lutheran Church at 15 SE Todd George Rd, Lee's Summit. There will be door prizes and lots of fun and a very interesting program. Craig requested that members bring two covered dishes and a desert. The club will provide meat and drinks.

Craig also requested help from Contest Directors (CDs) for the sanctioned flying events in the summer.

Vice president, Adam Spence reported that the March Program would be about autonomous helicopters guided by GPS.

Treasurer Tom Safley presented the financial report and noted that membership fees were coming in and that Swap-N-Shop reservations were being deposited.

Secretary Jim Cianciolo reported that 2012 memberships are due and will be delinquent after the February 2012 meeting. Renewals should be sent to Treasury Tom Safley.

Old Business:

Ed Baucom reported that the video library is available at the EAA hanger for KCRC use. Jim Cianciolo reported on the KCRC 2012 Swap-N-Shop. The SNS will be on February 11, 2012 at the Overland Park International Trade Center. This is a new date and location. Registrations are coming in but seem down from previous years. The table layout has been generated and the raffle plane has been purchased.

Susan Calvin presented the cost for a catered dinner for the Warbird Fly-In in September. The dinner would be from Hy-Vee and be delivered for under \$7.00. A motion was made and seconded to allot for 20 dinners at \$6.50 each for the event. Motion carried.

New Business:

Jim Cianciolo opened a discussion on the cost of reserving the flying field from the Parks Department and of the cost of Jackson County Health permits for concessions for flying events.

Tom Safley opened a discussion on our membership dues structure. Presently there are three divisions; Junior, Senior and Open. Senior is for youth from 16 to 18 years of age. This is a holdover from how KCRC and AMA structured dues in the 1960's. However, it is sometimes confused with the present notion of "senior" as someone over the age of 65.

The door prizes were won by Ralph Vaughn, Bill Steinweg and John Johnson. Duane Hulen showed his new electric pylon racer for show and tell.

Meeting adjourned at 7:55 p.m.

For the program, Susan Calvin showed the next chapter of the building video by the master, Dave Platt.

Respectfully submitted,

Jim Cianciolo, secretary

KCRC

NEWS

KCRC 2012 EVENTS

Jan 1 Max Klotz Icicle Fly-in
Jan 21 KCRC Member Dinner

Feb 11 KCRC Swap-n-Shop

Apr 28 KCRC Pylon Races
Jun 16 KCRC-Fun Fly
Jul 14 KCRC-3D Fly-In
Jul 28 KCRC Control Line event
Sep 8 KCRC Warbird Fly-In
Oct 6 KCRC Pylon Races

KCRC Apparel

Please contact Dan Olson if you would like to purchase any of the following:

- HATS:** White or Navy, one size.....\$10.00 each
- T-Shirts:** club standard, Med., LG, XL....\$14.00 each
Discontinued (sale) 2X, 3X, 4X\$7.00 each
- Polo Shirts:** Med. Only.....25.00 each
- Hooded Sweatshirt:** Navy, LG, XL.....\$34.00 each
2X.....\$36.00 each
- Satin Baseball Jacket** (old style, discontinued)
SALE LG....\$40.00 each
- Windbreaker Jacket:** Navy, LG, XL....\$30.00 each
2X.....\$32.00 each
- Small Logo patch**.....\$2.00 each
- Large Logo patch**.....\$7.50 each
- Rectangular KCRC patch**.....\$2.00 each
- Decal Sheet** (9 KCRC decals / sheet) ...\$10.00 sht.
- Battery Test Meter**\$12.00 each

Note: Other jacket styles are available on a special order basis. See or contact Dan Olson for optional styles. These must be ordered by KCRC in order to get the club logo applied

KCRC Bulletin Board



Rumor has it that both Jimmy C. and Dan Olson have ordered the 1450mm P-51 Mustang ARF (Yellow "Marie" version) from Nitroplanes. The plane is an electric "receiver ready" plane and should be in the air after only a couple of hours of assembly time. It also has LED wingtip lights, flaps, retractable main gear and retractable tail wheel. Be looking for these birds to be in the air real soon! Be watching for some P-51 formation flying!

2012 R/C Park Permits

You'll find that when you go to get your 2012 JCPR R/C park permit that those have remained steady at \$25.00 per year. Park permits, this time of year, may be obtained at the Lake Jacomo JCPR Admin Bldg. (816-503-8888), Monday thru Friday, or Longview Lake Marina (816-966-0131) 7-days a week, 7:00 am—1:00 pm.

R/C Permits are available on January 3rd for the current year. Remember to take your AMA card because JCPR requires proof of AMA coverage.

Contacts is a monthly publication of Kansas City Radio Control Assoc. (KCRC). Subscription price for newsletter only is \$12.00, per 12 issues. Contributions to this publication are encouraged from all KCRC members. Please send all articles, announcements, "For Sale" items, etc. to the Editor for consideration. Publication of member submissions are subject to the Editors discretion.

Safety Briefing

By Susan Calvin

Early in the jet age the Air Force suffered several fatal crashes of its latest jet fighter under mysterious circumstances. Naturally this caused great concern (read “panic”) since these losses affected national security and cost a lot of money. (There was also a lot of emotional response from the families of the lost aviators). This led to the bringing together of many academic disciplines in search of a solution. Chief among these were engineering and psychology. Eventually the field of human factors engineering came into being. (As an aside, there is a concept in the field of safety known as “blood priority.” This is the practice, by management/government, that blood must be spilled before action will be taken to correct a problem. This practice is the source of much of the frustration experienced by safety specialists).

Getting back to the loss of fighter planes, the accident investigators were able to determine that the placement of a primary radio in a remote corner of the cockpit required the aviator to switch hands on the control stick and assume an un-natural posture in order to change frequencies at a critical time/ altitude shortly after takeoff. When this action was taken after dark, or in instrument conditions, the result was vertigo or spatial disorientation that caused the aviator to lose control and take a high speed dive into the ground.

Human factors engineering is now a major influence in the design of aircraft. Its primary focus is on the design of controls and displays and their interaction with the aviator. (The design of aircraft components for crew comfort is also a consideration, but of slightly lesser focus). One thing that came out of human factors research is that aircraft displays/controls work best when they conform to the way we perceive the natural world. Another finding is that information should be kept simple. A multi-function, multi-pointer, multi-display monstrosity in a cockpit causes more problems than it cures.

How does this relate to modeling? Granted that we are not flying complex, multi-engine, multi-system aircraft, but there are a couple of human factors principles that might help us set up our planes so we can minimize accident potential. One has to do with switches. At any fly-in you will find power switches located all over the place and oriented in any number of directions. “**Power on**” may be up, down or sideways. And the switch may be anywhere, even hidden out of sight and inaccessible. A human factors engineer would tell us that, by convention, and in keeping with the natural world, a power switch should be oriented so that “**up**” is “**on**.” (As an alternative, and much less desirable, a switch may be set up so that “right” is “on.” However, this is more applicable to a variable position switch such as a rheostat.). This is in keeping with what we experience every day around the house. Consider the numerous light switches we use frequently throughout the day. In every case we flip the switch **up** to turn things **on**, and **down** to turn them **off**. Also, the switches on our planes should be located so they can be easily accessed, especially if the need arises to act quickly.

That same engineer will also tell us that controls should be placed at least five inches apart in order to prevent operating the wrong control under high workload, or when the control must be operated without visual reference. Since our planes are much smaller than full size aircraft this is probably not practical. In this case we must use discretion. The point is to separate controls/switches, etc., to the extent necessary to avoid confusion under the stress of normal operations. And by normal operations I mean the noise and other distractions we experience at the flight line. Hopefully this will help you the next time you install a radio system in a new plane. If you’d like to hear more about this subject, let me know and I’ll expand on this subject in future articles.

Susan

KCRC 2012 Member Appreciation Dinner



A very good turnout for our second year at this venue.



Richard & Barbara Carey won one of the many door prizes !



R



Robert Williams receives his "Past President" plaque.



Susan Calvin won the BIG door prize for the evening.



Alicia Cianciolo, Jimmy C's daughter-in-law, presented a very interesting program on the recent Mars exploration mission by NASA. Alicia is such an enjoyable speaker, and she answered many questions posed by the members. Everyone thoroughly enjoyed this program! !

Another Door Prize Winner !!



C



Even the kids got door prizes! Here, one of Jimmy C's granddaughters shows her prize!

KCRC 2012 Membership Application

Kansas City Radio Control Association

A Non-Profit Organization since 1954.

Dedicated to the advancement of R/C modeling in the KC Metro Area

<http://www.kcradiocontrol.com>



If applying by mail, send this completed form and fee to: Tom Safley 3219 Thornbird St. Blue Springs, MO 64015	Please renew your membership early Send AMA dues directly to: AMA Membership 5161 E. Memorial Drive Muncie, IN 47302-9252 (You must be an AMA member to join KCRC)
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New Membership Membership Renewal (Enter name, AMA number, any changed Information, Membership type, amount and sign)

Full Name: _____

Spouse's Name: _____

Street Address: _____

City: _____ State: _____ Zip Code: _____

Home Phone: (____) ____ - _____

Email address: _____

AMA Number? _____

Membership Type (Please check one)

- Open Membership \$30.00 (New Member Only: \$15.00 after July 1)
- Senior Membership (18 or under) \$ 17.00
- Junior Membership (16 and under) \$12.00
- Family Membership (All family members in one household) \$40.00

Total Amount Enclosed \$ _____
(DO NOT send CASH by mail, make checks payable to KCRC)

I have reviewed a copy of the Kansas City Radio Control Association [Club Bylaws and Constitution](#). I AGREE to follow all of the Constitution rules and regulations.

Signed _____ Date _____

REMEMBER: You must be a current AMA member and have a current year JCPR (Jackson County Parks & Rec.) R/C Park permit to fly at any JCPR location.

AMA No. ____ Club Roster ____ Card ____ AMA Roster ____ E-Mail ____

CONTACTS



TO:

Dated Material. Please do not delay.

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