

The Direct Connection

A MONTHLY PUBLICATION OF THE
KNIGHTS OF THE ROUND CIRCLE
CONTROL LINE MODELING CLUB

www.KOTRC.org



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The Sir Dale Kirn's Knights Joust August 16th & 17th

National Model Aviation Day, Wounded Warriors Project – Whittier Narrows

Speed and Racing September 20th & 21st

Whittier Narrows

EEA Chapter 96 Fly-In and Model Expo September 27th

AZ Stunt Karl Marchienke September 27th & 28th

Hi Johnson Contest October 4th and 5th

Sepulveda Basin



President's Message...

Well here we are with about a week to go before the Joust and we're getting all set for a field maintenance clinic Saturday August 9th to get our field in top-notch competition condition. We'll also get our first look to access the field condition after the Hard Summer concert event recently held at Whittier Narrows.



Warren Walker will be our Joust CD this year so mark your calendars and please plan to attend. If you're available to volunteer please let Warren know as we can use help in the pits and tabulating. You can contact Warren at (909) 989-2313 or wrwcs@verizon.net to offer your assistance. I am also looking for judges and timers for 80mph combat so let me know if you can help and contact me in person or at president@kotrc.org if you can lend a hand.

The Knights have yet another public control line training opportunity for our Et-1 trainers coming up at the Compton Airport's EAA Chapter 96 Airplane and Model Expo event on Saturday, September 14, 2013. The events producer Dennis Lord is asking the Knights to attend the late August meetings on the 17th and 31st to finalize details. The meetings start at 8:30 at the EAA hangar at the Compton Airport. We're looking for volunteers to help with this worthy cause and like I've mentioned many times before it is priceless to see the smiles on these kids' faces when they fly our trainers. Please come out and join us and let me know if you would like to join us at the EAA meetings and at the training event. For more information please view their website at www.aviation4fun.com

Good luck to our Knights members and friends flying at the World Control Line Championships in Poland. Due to a drop by Team USA Member Josh Ellison for medical reasons due to second degree sunburn that turned into an infection Josh is to be replaced by local Knight Chuck Rudner. Since Chuck was already in Europe but not prepared to fly in the World Championships, Josh sent his planes and equipment to Poland for Chuck to fly in his place. Good luck and best of wishes to Josh for a speedy recovery and our Knights participating abroad!

On the training front the Knights have yet another public control line training opportunity for our Et-1 trainers coming up at the Compton Airport's EAA Chapter 96 Fly-In and Model Expo on Saturday, September 27, 2014 produced once again by Dennis Lord and his EAA 96 club members. They do a fantastic job and their hard work really shows in hosting the worthy event.

We're looking for volunteers to help with this worthy cause and like I've mentioned many times before it is priceless to see the smiles on these kids' faces when they fly our trainers. Please come out and join us and let me know if you would like to join us at the EAA meetings and at the training event. For more information please view their website at www.aviation4fun.com

Keep on Flyin'



MIKE ALURAC, 2013-14 President
president@kotrc.org

Chilly Dillies

Yield: 1 Gallon

Submitted by Mike Alurac

At this point in your summer, you likely have cucumber coming out your ears. If you're sick of cucumber salads, think refrigerator pickles! They're ridiculously easy to make and will last a few months in your fridge.

The following basic recipe is delicious in their own right, but they are also a starting place for limitless variations using different veggies and seasonings. Add more garlic, add spicy red pepper for hot pickles, or substitute other herbs for the dill. Just take advantage of whatever ingredients you have in your garden or find at your local farmer's market.

Ingredients:

- 16 medium cucumbers
- 2 large white onions
- 4 Tablespoon pickling salt, sea salt, or kosher salt
(but not iodized table salt)
- 4 cups cider vinegar
- 4 cups water
- 1 head dill or small bunch dill leaves
- 4 clove garlic (optional)
- 10 black peppercorns (optional)

Directions:

For the crunchiest pickles, select firm, dark-green pickling cucumbers that have not started to ripen to white or yellow. Prepare a gallon wide mouth jar or any other suitable glass container by washing it in very hot soapy water and letting it air-dry. Any jar with a lid will do; the wider the opening, the easier. Place the dill in the bottom of your jar, peel and crush the garlic clove, and drop that in along with the peppercorns, then add in the sliced cucumber and onion. Mix the salt, vinegar, and water in a separate container, stirring until the salt is dissolved, then pour it over the cucumbers, filling the jar right to the top. Cover, refrigerate and enjoy in about 2-3 days!



The Safe Way

Properly wrapped and fastened lead-out terminations are not only a way to satisfy the AMA requirements for All control line models, they are one of the most important safety factors to insure that the model remains attached to the control handle.



AMA Approved Lead-out ends

The method I choose above for the Bob Gialdini Olympic I am constructing is only one of a number of ways to do this..

The use of a crimped end is also acceptable; however I prefer the method I am about to discuss.

This method is more labor intensive, but I feel it is more secure (personal opinion) and looks more professional.

I'm not sure the three photos are adequate, so I will attempt to elaborate on the procedures I developed for my latest project.



The simple jig shown above was constructed from 2 pieces of 1/2 inch balsa. Although there is a wood screw to hold both sections together, it is ultimately secured with a small C clamp once in position.

The L shaped wire is actually an Allen wrench with a piece of fuel tubing acting as a spacer.

The first lead-out is sandwiched between the 2 sheets of balsa, with the right side of the jig snug against the inboard wing tip (the use of balsa helps prevent the wing tip from being damaged).

Next, the lead-out is looped around the L while the grommet is placed in the vertical portion of the Allen wrench.

Now, the wire is pulled back against itself and wrapped. It is then pulled back to the grommet for final wrapping and cutting.

The next photo shows the first line at this stage. Don't forget to place your shrink tubing on the lead-out wire before you start, or it will be too late to install it!



Now, you can repeat this process for the second LO.

One of the advantages of this tool is the fact that you can easily have the two LO's the exact same length, if you wish, as can be seen in the header photograph.

All that's left is to slide the shrink tubing over the wires for a secure, professional looking termination.

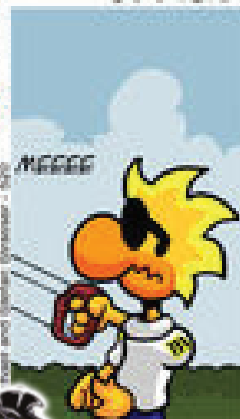
If the process is still not clear, I would be glad to elaborate in person to anyone interested.

The finished product is shown below.



Your Safety Officer, JOEL CHESLER

CHICKEN WINGS



BY MICHAEL AND STEFAN STRASSER



Meeting notes 7-7-14

Guests: None.

Show and Tell:

Mike Alurac – lapel pins from the Altoona Horseshoe Curve railroad site. He gave them to John and Howard. He saw a huge railroad repair yard. Also a USA Combat Team Tee Shirt. Next up, a box of 20 Combat wings he just received from the Ukraine.

John Wright – A Winder Combat model he got at Whittier. It has a hard tank rather than using a bladder. He may restore it as a retirement gift for Terry Prather, the designer. He had an old report on early combat using a Sterling Mustang and a Yak 9. Then he showed an ad for a Firebaby Biplane. He wanted one and never got it. He may assemble one if he can find a few more parts. Next up was an official Mirror Meet pith helmet. Elwen Aud and Dee Hill gave it to him. Also from the Brodak meet, a Tee Shirt and trophies for 2nd place Profile Scale, 3rd in Old Time Stunt, and “Most Memorable Match” for WW2 combat.

Larry Renger – A modified 2.4 GHz car radio modified for throttle control on a scale model. Also shown was an electric outrunner motor that had its mounting lugs broken off by an unbalanced prop! Way too delicate structure.

Howard Doering – Latest progress in rebuilding a Pro-to Speed model. He inverted the tail, cut down the turtle deck, added a canopy with pilot inside. He outlined how he did the canopy by shrinking a water bottle down over a sculpted plug. He expects the model to do 120 mph with an OPS 21. The requirement is 2 60 ft. lines and 14 timed laps.

Eric Rule – He showed a new 4 way AC/DC charger he is now importing. It will do Balance, Fast Charge and Storage. It is digitally programmable to preset for sev-

eral battery types. It comes with all hookup wires and a carrying case for \$160. Then he showed one of this new range of Black Tiger motors. They range from .06 to .90 equivalents. Balanced, hand wound, Japanese bearings. It runs between 85% and 92% efficiency.

Mike Fox had an RSM profile P-40 to sell for \$25.

John Harlow – A couple of more models to sell. First a Sterling P-51. Next was a Comet B26 with one working Cox .049 and the other nacelle a dummy. It needs a control horn. Both models priced at \$20.

Old Business:

Mike Jones gave a treasury report. We are continuing to regain a respectable level. The report was voted as accepted. He also discussed the fact that he is working on our taxes.

Mike Alurac presented a bill for \$42.93 for purchased hardware.

Warren Walker discussed the upcoming Knights' Joust. He listed the judges and officials who have so far committed to work.

Howard Doering gave a report on the recent speed contest. Unfortunately, turnout was very light. He did set a new record of 144.44 mph for Electric Speed. 5.5x4.5 prop turning 43K rpm. He also did a 2' diameter loop with his Dyna-Jet model.

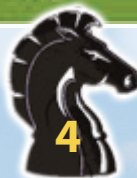
New Business:

We will have a work day to put the field in shape for the Joust. It will be August 9th, starting at 8:00 am to beat the heat. It was moved and passed to budget \$120 for expenses, food and supplies. Also workers will be reimbursed for the cost of entering the park.

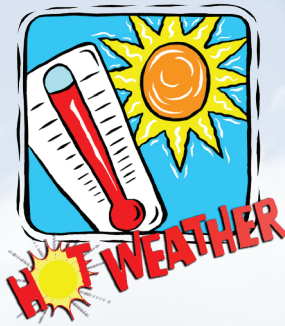
Mike Jones proposed that the club guarantees that Mike Costner at least comes out even on the food at the Joust. That was passed.

CHICKEN WINGS

www.chickenwingscomics.com



Some Guidelines To Follow DURING Extremely Hot Weather...



- Listen to NOAA Weather Radio for critical updates from the National Weather Service (NWS).
- Never leave children or pets alone in closed vehicles.
- Stay indoors as much as possible and limit exposure to the sun.
- Stay on the lowest floor out of the sunshine if air conditioning is not available.
- Postpone outdoor games and activities.
- Consider spending the warmest part of the day in public buildings such as libraries, schools, movie theaters, shopping malls, and other community facilities. Circulating air can cool the body by increasing the perspiration rate of evaporation.
- Eat well-balanced, light, and regular meals. Avoid using salt tablets unless directed to do so by a physician.

- Drink plenty of water; even if you do not feel thirsty. Avoid drinks with caffeine. Persons who have epilepsy or heart, kidney, or liver disease; are on fluid-restricted diets; or have a problem with fluid retention should consult a doctor before increasing liquid intake.
- Limit intake of alcoholic beverages.
- Dress in loose-fitting, lightweight, and light-colored clothes that cover as much skin as possible. Avoid dark colors because they absorb the sun's rays.
- Protect face and head by wearing a wide-brimmed hat.
- Avoid strenuous work during the warmest part of the day. Use a buddy system when working in extreme heat, and take frequent breaks.
- Check on family, friends, and neighbors who do not have air conditioning and who spend much of their time alone.
- Avoid extreme temperature changes.
- Check on your animals frequently to ensure that they are not suffering from the heat. Go to a designated public shelter if your home loses power during periods of extreme heat. Text SHELTER + your ZIP code to 43362 (4FEMA) to find the nearest shelter in your area (*example: shelter 12345*).

Monthly Dutch Auction • August, 2014

Each price will drop \$5 per month to \$20 until gone. So, don't wait too long!
Notify John Wright of your bid. Send funds to club PO Box.

QTY	BRAND	DISPLACEMENT	CONDITION	PRICE	
1	OS 25S RC	0.25	perry carb	\$6.00	poor comp
1	Fox35 Stunt	0.35	4 bolt head	\$75.00	sand cast

PARTS NEEDED!

Fox 35 coned thrust washer for early Fox

Contact John Wright (562) 881-7386, or jowrightpe@hotmail.com
to buy or donate items in the dutch auction.

THE WRIGHT STUFF

1	Fox 29 Stunt	0.29	4 bolt head	\$40.00	Sand cast,no NVA
1	Merco 61 R/C	0.61	heavy cylinder	\$40.00	
1	Super Tigre	0.46	G21-46BB	\$70.00	big ring gap
1	Fox 29 Sport	0.29		\$20.00	
1	Fox 40	0.4	Mk5 Light case	\$25.00	
1	OS 35S	0.35	Stunt insert	\$40.00	
1	Super Tigre	0.4	G21-40BB R/C	\$70.00	NIB
1	Super Tigre	0.51	Saturn R/C	\$70.00	NIB
1	OS LA 40	0.4	Stunt insert	\$30.00	





PRESENTING
Sir Dale Kirn's
Memorial Joust
2014

August 16th and 17th
 AMA Sanction # TBD

SCHEDULE OF EVENTS

SATURDAY

Beginner Stunt
 Old Time Stunt
 Classic Aerobatics
 Profile Aerobatics
 Sport/Profile Scale
 and Fun Scale*
 80 MPH Combat**

SUNDAY

Expert Aerobatics
 Advanced Aerobatics
 Intermediate Aerobatics
 15/Skyray Carrier*
 All AMA Carrier*
 * % of record score
 TD engine power combat

SPECIAL TROPHIES

Pilots' Choice
 Spirit of '52
 Spirit of '69

Pilots' meeting at 8:00. First flights at 8:30.

Aircraft are to be weighed at registration. Current AMA pull test rules will apply.

*Northwest Sport 40 Carrier may be flown for score only. **Fuel shutoff required for combat models.

Go to KOTRC.org for further information. Event is held at Whittier Narrows Regional Park at the intersection of the 60 Freeway and Rosemead Blvd., So. El Monte, CA.

EARLY REGISTRATION REQUESTED!

Entry fees: Pre-registered - \$15 for 1st event, \$10 for 2nd event, \$5 for 3rd. \$30 maximum fees.

First event registration rises to \$20 at the contest. \$35 maximum fees.

Juniors fly FREE! Refunds given for no-show.

EVENT 1..... EVENT 4.....

EVENT 2..... EVENT 5.....

EVENT 3..... EVENT 6.....

Send checks payable to KOTRC to:
 KOTRC
 Box 6115
 Anaheim, CA 92806

Total: \$.....

NAME:AMA #

ADDRESS: CITY:

STATE: ZIP: E-address.....

For additional information, contact Warren Walker
 909-989-2313 wrwcs@verizon.net

Club Meetings

are held the second Tuesday of each month at the Fullerton Airport AFI building located at 4119 W. Commonwealth Avenue, Fullerton, CA. Meetings start at 7 pm. Everyone is welcome.

You don't have to be a member to attend. You just need an interest in control line modeling.

The easiest way to join the club is to attend a club meeting and sign up if you like it. Dues are \$30 per year. Youth memberships under 18 are FREE.

KOTRC members enjoy two flying sites in Los Angeles County.

WHITTIER NARROWS - The Whittier Narrows recreation area is one of the two flying sites located in Los Angeles County and is the location for the KOTRC sponsored contests during the year. Whittier Narrows is part of the Los Angeles County Parks and Recreation department and is located in South El Monte, California.



SEPULVEDA BASIN - The Sepulveda Basin is located in the San Fernando Valley of Los Angeles County near where the 405 freeway and the 101 freeway meet. The flying area is just west of the 405 freeway and is entered from Woodley Ave. between Victory and Burbank Boulevards.



Knights of the Round Circle

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editor@kotrc.org

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president@kotrc.org

The **Knights of the Round Circle** is a control line modeling club that supports all forms of control line model aviation. Our members' interests cover all of the control line modeling disciplines from combat, to speed, to racing, to carrier, to scale, and last but not least, stunt.

Founded in 1987, the Knights of the Round Circle has a broad membership that includes members in California, Arizona, and Nevada. The Knights support S.T.E.M Core Science, Technology, Engineering and Math Careers through the valuable skills learned in control line model aviation. The Knights can be found showing their Control-Line Training Activity at the AMA Expo Ontario, CA; Fullerton Airport Open House; Compton Airport EAA Chapter 96 Fly-In event, and RCX Expo. The Knights members are proudly associated with control line advocacy groups including PAMPA Stunt, MACA Combat, SCAR Racing, NCS Carrier and NASS Speed.

The club holds **monthly meetings** and sponsors two major flying events yearly – **The Bob Palmer Memorial** and **The Sir Dale Kirn's Memorial Knights Joust**, honoring individuals who have made outstanding contributions to control line modeling.

Our membership ranges from young to old with skill levels from just beginning, to sport flyers and National Champions. We also are fortunate to have several AMA Hall Of Fame members in our membership.

Come Join Us!

