



HANGAR NEWS

NEWSLETTER FOR THE FIRST WEEDWACKER
AEROSQUADRON
AMA CHARTER # 1651
December 2013

First Weedwacker Aero Squadron
P.O. Box 2044
Lakeside, CA 92040

Sign up for Email Delivery of
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HANGAR NEWS is printed for the members of the
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Articles, news items and classified ads should be sent
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91941.

Articles originally published in this newsletter may be reprinted
and published by modelers and club newsletters. We ask that
credit to the author and this newsletter be acknowledged in the
reprint. We will do the same.

CLUB FIELD: Cactus Park (East), Ashwood St. (1/4 mile N-E of
El Capitan High School) in Lakeside, CA. Please be sure the last
flyer to leave locks the pin box and the gate..

R/C Schedule 2012-2013

Dec 12 Thurs Toys For Toys—Miramar RC

Jan 10 Friday Annual Awards Banquet—Carlton Oaks CC

Renew Club Membership

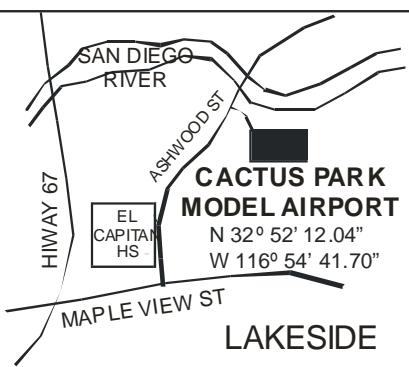
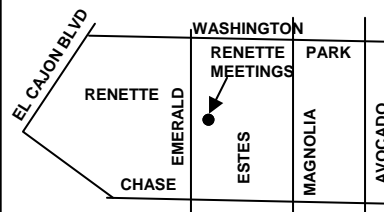
When you have your AMA membership for 2014, you may renew
your club membership. Dues are \$60 for the year for adult
members and \$30/year for each additional immediate adult family
member. . Junior membership is free, however all members must
have AMA membership.

You must renew by the February club meeting to avoid being
purged from the membership list and need to pay an initiation fee
of \$40.

Banquet Sign-Up

Now is the time to sign up for the Awards Banquet to be held
Friday Jan 10, 2014 at the Carlton Oaks Country Club in Santee.
The Awards Banquet is a great time to meet with many members
and their families, to see some great models on display (bring
yours), share some very good food and recognize members who
have contributed to the operation and fun for the club. We also
have a great raffle for modelers and another free raffle just for the
ladies. Sign up with our Treasurer, Scott Graupmann

NEXT MEETING:
Tues. Dec 3, 7:00
Renette Park





HANGAR NEWS

Meeting Minutes Nov, 2013

Richard Crutchfield

The meeting on November 5th, 2013 was called to order by the club President, Keith Miller at 7:00 PM and the membership recited the Pledge of Allegiance in the direction of the flag brought in by Keith. In attendance were 36 attendees, including the board members; President Keith Miller, Vice President Ron Smith, Treasure Scott Graupmann and Secretary Richard Crutchfield.

Opening Comments:

It must be the raffle that brought everyone in tonight, the front row is full! The front row always wins most of the raffle prizes. Tonight's big prize is the Right Flyer 40 ARF including field box.

Guests and New Members:

Pete Halloran was a member back in '95 but moved away. He moved back and is now getting back into flying helicopters. He has an airplane now.

Approval of the Meeting Minutes:

Lee Main pointed out that to-notch on page 4 should have been top-notch.

M/S/P to approve the minutes from the September meeting.

Treasurer's Report:

Beginning Balance:	\$7,593.89
Income:	\$370.00
Expenses:	\$404.01
Ending Balance:	\$7,559.88
	(\$6,994 this time last year)

The income includes some of the income from the swap meet, Scott Graupmann has the rest to deposit. A club member bought a \$100 donut which helped make the swap meet a success.

M/S/P to approve the Treasure's Report.

Safety Officer Report:

Gary Rold said that a member was charging batteries using his truck battery. The member was reminded that it was against club rules to charge using his vehicles battery due to the possibility of a car fire.

A FPV pilot wanted to fly without a spotter pilot and was reminded that a spotter is required per the AMA. The AMA bulletin is posted at the field.

Committee Reports:

Keith Miller reported that the Fun-Fly was very

successful last month with no carnage. The results have been posted on the web site. Keith also stated that he will have new contests at the next event.

Pylon Racing – Lance Edmunson will be taking over the events for 2014 and Tim Peterson is working on building the new website at PylonRacing.com where you will be able follow along with the schedule and the results of each contest. The Mini Ultra-stick class will be dropped and a new class will be added in its place. A new flyer will be put out providing additional details following the completion of this year.

The Builders Club met at a Bob Muhleman's house for the last meeting. They learned about soldering including the proper techniques drawing solder. 5 members turned out. The P-82 plans at the back of the meeting room are being considered by the club to use as a group project. More information to come. The end of November meeting has been cancelled due to the holiday.

Upcoming Events:

Nov 9, Sat – Silent Electric Flyers will have a Scale Fly-In at Mission Bay with Wounded Warriors. Lunch at 11:30

Nov 10, Sun – Veteran's Day Fly-in at Miramar (moved from Saturday)

Nov 16, Sat – Fun Fly

Dec 12, Thu – Toys for Tots at Miramar

Jan 10, Fri – Annual Awards Banquet

We will join the Miramar Radio Control Flyers again this year with the Toys for Tots event.

The club's calendar for next year will be published in December.

Old Business:

Ron Smith has made arrangements with Al's Sporting Goods for hats. You can buy a hat at Al's for between \$5 and \$200 or bring your own and have them embroider it there for \$7.50. Scott Graupmann found the box of hats that had been misplaced. If you would like one of those hats for \$15, see Scott.

For the Swap Meet, El Cajon Hobbies provided additional coffee and donuts; thank you Victor. The net profit was a bit low until Mike Martak decided he would buy a donut for \$100!

Ben Newkrik bought a big tug boat at the swap meet. He said it didn't fly very well. He and his wife took it to Lake Murray and loved it.

A member suggested to add a sign by the road during the next event to help draw people in.



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The November meeting is when the vote is held for the new board members. This year both President Keith Miller and I, Secretary Richard Crutchfield will be stepping down. For President, we had two nominees; Gary Rold and Art Flores. Since there were two nominees, the membership was asked to vote to suspend the secret ballot by raising their hands. 32 votes were counted in favor of suspending the secret ballot. Both nominees were given the opportunity to give a few words about what they had hoped to accomplish as president and then asked to step out so the vote could be taken. After the votes were counted, the nominees were called back in to the meeting room and Gary Rold was announced as the winner. Congratulations Gary! For Secretary, the decision was easier, Bruce Allen will be the next Secretary. Congratulations Bruce! The new officers will take their office at the December meeting and old members will continue to advise the new members when necessary.

New Business:

It's time again to renew your annual club membership. You can pay at the monthly club meeting or you can send a check to the treasure, Scott Graupmann. You don't need to provide your AMA number, Scott can look it up online for both new members and existing members. If you send your membership fees to Scott, it would helpful if you could include a self-addressed stamped envelope.

Please note that there is a possibility that the AMA website is overcharging extra family members by \$10. Keith Miller has notified the AMA and is waiting for a response.

For the 2014 Annual Awards Banquet a motion was made, seconded and approved to pay \$250 for the room, \$30 per person and charge \$25 per member and \$20 for each guest. It was assumed that about 60 attendees would attend. The motion also allowed the club to subsidizing \$700 towards meals.

A member asked how many children usually attend and suggested that it might be worth getting something small for them. Ted O'Fallin said that he would talk to John at Discount Hobbies about getting something.

The club spent \$200 last year on women's prizes for the banquet and it was suggested that the club increase the amount this year to \$250 this year. The membership motioned, seconded and approved the motion to spend \$250 on women's prizes.

The club spent \$200 last year on plaques and the

membership motioned, seconded and approved the expenditure of \$200 again this year.

Bruce Allen put together the slide show last year and has agreed to do the same this year. Gary Roehl donated his DJ services last year. Keith Miller will check with Gary to see if he is available again this year.

The menu will remain mostly the same as last year including the cobbler!

Does anyone have a spare charger? Since the items were stolen, the club no longer has a loaner charger available. Does anyone have one that they would like to donate? Several club members volunteered to donate theirs. Does anyone have a Lipo sack?

Drawing for Free Membership:

And the winner is ... Brendon Marshall. Unfortunately you must be present to win.

Model Sharing:

Devin Wheeler brought in his rubber powered Javelin free flight plane in that he converted to an electric radio controlled airplane that weighs only 33 grams without the battery. He hasn't flown it yet.

Steve Ellis brought in the 78" P-82 plans. The plans covered the two tables at the back of the meeting room. He bought the plans from Great Plans off eBay for about \$20. They are very nice.



Raffle:

Income: \$217

Cost: \$85.37

Ron Keith

Don Westergren

Richard Crutchfield

Ben Newkirk

Clark Caldwell

Tim Peterson

Clark Caldwell

Clark Caldwell

Drimel tool tips

driver set

miniature Drimel tool

aircraft book

fuel pump

screw driver tip set

knife set

40 size trainer with equipment

Adjournment:

The meeting was adjourned at 8:18 PM.



HANGAR NEWS

President's Message Nov 2013

President's Message Dec 2013

Fun-Fly results

Despite the gloomy weather, our steadfast band of fun-fly participants flew through a tidbit of drizzle and a few cool wind gusts.

#	Event	Winner	Prize
	Overall Gold Medal	Glen Merritt	Zona saw set, Gold Medal
	Silver Medal	Frank Sanders	Silver Medal
	Bronze Medal	Tim Peterson	Bronze Medal
1	Flight Drill	Frank Sanders	Gal of Cool Power fuel
2	Precision Touch'n'Goes	Glenn Merritt	Stick-on weights
3	Climb 'n' Glide	Tim Peterson	Ultra-stand
4	Can-Can	Glenn Merritt	Control throw gauge

Other participants included Max Merritt (Tough-n-goes turned into smack-n-goes with a final non-recoverable smack), Keith Miller (hit the approach fence, a disqualification from

the Climb and Glide after what would have been a winning time), and Fred Miller.

The Can-Can was a new event which turned out to be quite an interesting challenge. Towing an empty aluminum can on about 25 feet of string, pilots were given three chances to bounce the can in the target zone without their wheels touching. Three of the pilots flying smaller foamies proved that there was little effect on the drag and trim!

Hopefully in 2014 we can offer a more attractive event package to draw more flyers than the few frequent participants we've been seeing. Please let me know if you have any ideas.

AMA Digital Copy of Model Aviation

As you all know, the printed version of Model Aviation magazine is free with AMA membership. New this year for \$9.95, members can receive the digital version as well. I highly recommend giving it a try.

As mentioned in Rich's minutes, the AMA web site was erroneously charging twice for the digital subscription when additional family membership applications were processed online. A short note to their staff and that's been corrected.



Final Words

It's been a pleasure serving as a Weedwacker club officer for the past six years, the last two as President. From inside of the club core, it's difficult to self-assess my effectiveness as a leader. In some areas I was not enough involved, and I know there were other areas in which I was too involved. With your guidance and recommendations, I hope I was able to listen to your inputs and keep the club on track. I encourage each of you to get involved at some level with the club administration, or for that matter any social structure whether it's your local school district, church, city council or whatever. I've learned to appreciate the tasks and effort required to manage an organization and will do my best to support those who follow. To Ron, Scott and Rich - thanks for your excellent support. To Gary and Bruce - fair winds and following seas!

See you at the field! Keith



HANGAR NEWS

From The New President

Greetings fellow Weedwackers! I would like to thank you for the chance to serve and represent you all in the coming year. I ask for your patients and support as I learn the ropes of a club that I have been a member of since 2006. I have joined the ranks of retired seniors and have the luxury of being able to focus more of my time on a hobby I really do love.

I have not come up with any sweeping changes so you can all relax but I would welcome input from any of you with suggestions or issues you might present to the board for our disposition. Some suggestions have already come to my attention for the club to focus on as the new year begins.

If I have yet to meet you at the field or in our monthly meetings, please introduce yourself when you see me next.

I will promise you, I intend to do my best in representing the Weedwacker, and to preserve the heritage of our club.

Respectfully, Gary L. Rold, President Elect

Builders Group

The Builders Group met on 24 Oct at the home of Bob Muhlman where they were treated to some early Halloween candy and instruction on proper soldering techniques. Bob has a background in electrical work in his military and civilian life. He demonstrated preparing wiring connections for a secure bond with a conductive connection using stranded wire. With solid wire a mechanical link was made by pre-bending the link prior to soldering. Types of solder, soldering irons, soldering tips and maintaining equipment for peak performance was discussed.

Since the next meeting will fall close to Thanksgiving, the Builders discussed meeting after Turkey day and Christmas (TBA). A possible group building project was also discussed. Gary Rold

Welcome to:

Café 

*Breakfast
& Lunch*

 **Deli**

Take Home
MONDAY - SUNDAY
6:00 a.m. - 3:00 p.m.
12381 Maplevue
(Corner of Hwy 67 & Maplevue)
Lakeside, CA 92040
619-443-4100

All sandwiches include a side dish: your choice of fruit, potato salad, chips, cottage cheese, applesauce, soup, or salad.

SUB SANDWICHES
Lettuce, Tomato, Mayonnaise and Italian Dressing

Entire Menu is available "To Go".

**DISCOUNT
HOBBY
WAREHOUSE**



**First Weedwacker Aero Squadron
Annual Awards Banquet**

Date: Friday 1/10/2014

Time:

6:00 pm Bar

7:00 pm Dinner

**\$25 per member and \$20
for each additional family**

Tossed Greens with Variety of Dressings

Split Chicken in Chipotle Butter

*Beef Tri Tip in Garlic-Black Pepper Rub (carved in
kitchen)*

Roasted Redskins with Rosemary and Garlic

Fresh Vegetables

Rolls and Butter

Coffee, Tea at station

Homemade Apple Cobbler with Cream

Carlton Oaks Lodge & Country Club

9200 Inwood Drive, Santee, CA 92071

(619) 448-4242 Ext 7 Fax (619)448-0501





Setting Up Your Servos

Bob Ackerman, Mid-Missouri Radio Control Association

One of the problems for most beginners is that they rarely set up the servos properly. I have said for years that you need to learn how to set up your aircraft mechanically before you touch the computer on your radio. Therefore, I am going to review what I do to set up any servo on my aircraft.

If I am going to re-set up an existing aircraft, first I copy the current settings to an unused memory location. See your radio manual for exact instructions. After the current settings are copied, clear all the programming for an unused memory location. Set all radio trims to the center. At this point the servo end points should be at 100% and the servo subtrim should be zero.

With the control rod disconnected from the servo, move the control rod until the control surface is centered. Center the servo arm as close to center as possible. The servo arm should form a 90° angle between the arm and the control rod. Reposition the servo arm on the servo until you have it as close as possible, adjust the length of the control rod to match as necessary, and then adjust any subtrim to center the servo.

Temporarily connect the control rod and look at all the links for that control. On a helicopter you may have two or three connections, as the control rods runs through bell cranks, before the servo actually connects to the control surface. Check each of these 90° connections and adjust as necessary. Now disconnect the control rod from the servo.

Now, turn on your radio and center the joystick for that channel. The servo arm should be in the center position. Move the joystick to one end of its movement and hold

the joystick there. Manually move the control to where the servo arm is now positioned.

Notice the end of the control rod carefully. Does it move past the servo arm reach? Does it not move far enough? Make note of that difference then move the joystick to the opposite end and do it again. The difference between the servo arm and the control rod should be equal on both ends. If not, you may have something else not set properly.

If the control rod goes past the servo arm in both directions, then the control surface will move farther than the servo will allow. At this point, change the positioning of the control rod on the control horn closer to the control surface a hole or two. Reposition the control rod until you get everything matched up. Sometimes a longer servo arm is required.

If your servo arm moves farther than the control rod will move, then use an inner hole on the servo arm until you get everything matched up.

At this point you have technically setup your servo. The servo is centered to the control surface and the control rod will move the control surface through its maximum range.

Now you can use your computer radio to adjust the end points for each servo to get the desired amount of control movement. Many times the control surface will move farther than recommended for normal, sport, or 3-D flight. Check your aircraft instructions for recommended control surface throws.

One warning: Helicopter pilots must ensure to check for any control binding during extreme joystick movements. The controls on some helicopters can move farther than necessary for normal flight, which can cause control binding during flight.