



HANGAR NEWS

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

First Weedwacker Aero Squadron
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Joe Stutzman and Keith Miller

HANGAR NEWS is printed for the members of the
FIRST WEED WACKER AEROSQUADRON and its
contents do not necessarily reflect the policies of the
club. Editorial deadline is the 15th of each month.
Articles, news items and classified ads should be sent
to Don Westergren, 3942 Calavo Dr., La Mesa, CA
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

R/C Schedule 2012-2013

| | | | |
|-----|-------|-----|--|
| Jan | 4 | Fri | FWW Awards Banquet, Carlton Oaks CC |
| Jan | 11-13 | | AMA Expo, Ontario Convention Center CA |
| Jan | 15 | Tue | CPR training \$20 @ 7:00 PM Renette Park |
| Feb | 10 | Sat | Electric Pylon Races, Cactus Park |
| Feb | 23 | Sat | Fun Fly, Cactus Park |

Reminder

It's time to renew both your AMA and your Club membership
for 2013. Also, sign up for the Awards Banquet., \$25 each or
\$45 for couple. We need to know if you are coming by Tuesday
Jan 1. Send your check or call Scott or send an Email to
info.weedwackers@gmail.com You can pay at the door if we
know you are coming.

New Gate Combination Coming

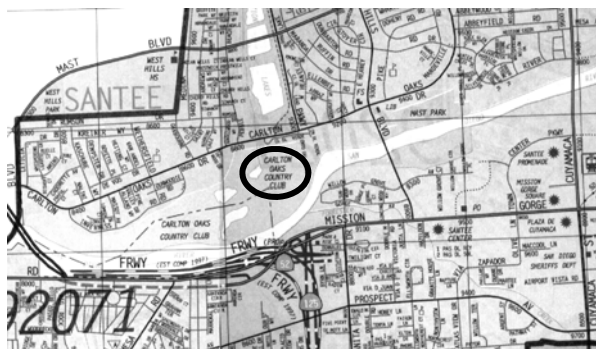
We will change the gate combination around the first of
February. The new combination is listed on the back of your
new badge.

CPR Training at Renette Park

On Tuesday January 15th, Ron Keith has organized CPR training
for any and all who are interested. I **highly recommend**
attending. For just \$20 per person, completion of the course
will earn you certification to administer CPR.

Banquet:

Sat. Jan 4, 2012
Open at 6:00 PM,
Carlton Oaks
Country Club





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Meeting Minutes Dec 2012

Richard Crutchfield

The last meeting for 2012 was held on Tuesday, December 4th was called to order by President Keith Miller at 6:59 PM. The Pledge of Allegiance was recited by the 32 attendees, including the board members President Keith Miller, Vice President Ron Smith, Treasure Scott Graupmann and Secretary Richard Crutchfield.

Opening Comments:

Treasure Scott Graupmann is still taking membership payments and collecting for this year's banquet. The cost is \$25 for individuals and \$45 for couples.

Guests/New Membership:

No new members or guests this evening.

Electric Seminar:

No one is interested in the electric seminar this month.

Approval of the Meeting Minutes:

No comments on the minutes, I must be doing something wrong.

M/S/P to approve the minutes from last month's meeting.

Treasurer's Report:

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

Beginning Balance: \$6,994.25

Income: \$1,535.00

Expenses:

\$96.48

Ending Balance:

\$8,432.77 (about \$1,600 more than this time last year)

Safety Officer Report:

Ron Keith – The meeting room at Renette Park has been reserved for January 15th, 2013 at 7:00 PM for CPR Training. The training will be conducted by a fireman who has a business teaching CPR. Spouses and family members are welcome. The cost is \$20 each. CPR dolls will be provided. Tables should be available, but if

you wish to do the training on the ground, please bring a mat.

Ron Smith is trying to make a fashion statement with his new cast. He broke his wrist. He just received his new Fontana ARF and was pulling it out of the box to admire. First he set the box on the ground in his shop, pulled the wings out and set them on one bench and then he pulled out the fuselage and set it on the other bench. As he took a couple steps backwards to get a better view, guess what he found, the box. As he fell backwards into the box, he landed on his wrist, breaking it. As he fell, he also kicked the bench displaying his fuselage causing to take its maiden flight and experiencing its first crash (no damage). Hopefully that's its last crash.

Committee Reports:

Race Committee – Lance Edmunson – Lance was not present.

Fun Fly – Keith Miller – “We are not going to do limbos anymore.” During the November Fun Fly, 5 aircraft were lost. Other events will be used instead. The Fun Fly had a strong turn out and even profited \$37!

Take a look at the website. Special thanks to Bruce Allen for sharing the pictures he took during the last Fun Fly.

Tabled Business:

AMA revises the FPV, Failsafe, Stabilization and Autopilot Systems policies – tabled until mid 2013.

The Mid Summer Daytime Luncheon Event introduced by Ted O'Fallin last month was tabled until March 2013.

Old Business:

For the upcoming banquet, Gary Rold is still offering to coordinate rides to the banquet for anyone interested (both riders and drivers).

Gary Kelly, the 80's DJ from B-100 and recent club member, is planning to provide music and a PA system for the banquet and Bruce Allen



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will provide a projector for pictures..

Two \$300 gift certificates will be raffled off during the banquet for those members who joined us at the monthly club meetings. Last year they were \$250. One entry will be given for each month a member participated in the monthly meeting. In addition to the gift certificates, raffle tickets will be available for a chance to win prizes consisting of 13 kits, 6 engines and \$1000 worth of Discount Hobbies items. Scott Graupmann will meet Ted O'Fallin at Discount Hobbies prior to the banquet to pick up the prizes.

This year's AMA Expo in Ontario was thought to be the same weekend as our banquet, it's not. The AMA Expo is January 11th, 12th and 13th. You can do both!

A board meeting will be held for the Award Nominations. The awards will be handed out during the banquet. Some of the suggested awards are Most Crashes (I might be in the running for this), Builder of the Year, Most Demanding Recovery, Most Improved Pilot and Weedwacker of the Year.

Keith Miller has two club trainers at his house, he needs someone to store and care for them otherwise they are going to be placed in the shed. If interested, you are asked to keep them charged and test flown every few months. Wayne Aymar said he could store them in his shop if nobody else wanted to. Arthur Aldrich volunteered. Thanks Arthur.

A beam in need of repair was found on the shelter and was repaired by Gary Rold. Nice job!

Other New Business:

The Miramar RC Flyers didn't get the turn out they had hoped, only about a half dozen Weedwacker members showed up.

The gate combinations at the field will change on February 1st. Make sure to renew your membership so you can get a pretty new membership card with the new combination. Speaking of locks, the membership has done a good job and remembering to lock the gates. No reports have been made of any gates being found unlocked.

Drawing for Free Membership:

And the winner is... Jeremy Miller – not present. No free membership and 1 less chance at the two \$300 gift certificates.

Demonstration and Training:

Lee Main did a demonstration on how to balance your aircraft using the Great Planes CG Machine Airplane Balancer. The balancer even includes a level. The plane he used during the demonstration was the plane he won from last month's raffle. He said for his first landing leveled off just high enough to take off the landing gear. After the landing gear was repaired, the second landing was successful.





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Model Sharing:

Dick Clavert shared his scratch built "Mystery" from AMA plans. It weighs 1 lb $\frac{3}{4}$ oz and is powered by a 10 size motor, he planned for 100 watts per pound. "Where did you get the pilot?" Dick found a broken skeleton during Halloween at Michaels and bought it for a buck. He cut the head off and put it in the plane.



Leroy Brooks shared his electric converted 40 sized Super Sportster. He took the plans and reduced all wood down by one size from the recommended size. This made the plane very light; it weighs about a 1/3 of what the regular model weighs. It is covered by Monokote.

Raffle:

The raffle presented by Ted O'Fallin:

| | |
|------------------|--|
| Mike Martak | Gallon of Nitro (that's two months in a row) |
| Lee Main | Lipo battery |
| Ron Keith | tools of some sort |
| Leroy Brooks | Allen Wrench |
| Rich Crutchfield | Voltwatch |
| Larry Kosta | Allen Wrench |
| Tom Kenan | Volt Meter |
| Mike Berry | Fuel Pump |
| Larry Bagalini | Balancer, Props + 4-way Wrench |
| Warren Wood | Crash Locator |
| Lee Main | Lipo Battery Charger |

Adjournment:

Due to the Banquet, there will be no meeting in January.

The meeting was adjourned at 7:56 PM.

Welcome to:

Café



Breakfast
& Lunch



Deli

Take Home
MONDAY - SUNDAY
6:00 a.m. - 3:00 p.m.
12381 Mapleview
(Corner of Hwy 67 & Mapleview)
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".

President's Message January 2013

Keith Miller

Hello, all!

I hope you all had some good quality time with friends and family over the holidays. Now let's all get started on 2013!

To start, please remember that we have our Annual Awards Banquet on Friday Jan 4th. Don't forget to bring your favorite model to display, as we'll be selecting the best Scale, Sport and ARF models. The Scale and Sport categories will be kit, plans or scratch built only.



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The ARF category may be any type of ARF - they'll all go together. Bring the entire hangar if you want! Tickets are \$25 per person or \$45 per couple. And don't forget that this **year's raffle will be HUGE!!!** The total value of prizes this year is well over \$2000 including many kits and engines. Tickets are \$1 a piece with discounts for higher quantities. Ted is also upping the two special attendance prizes to \$300 each! For each regular meeting a member attends during the year, a ticket is added to the hat. Good Luck!!!

We'd also like to point out that those who prefer a short walk from their car to the hall may be dropped off along the west side of the Crest Room which is where we can also unload display models. We ask that vehicles don't block the golf cart paths and driveway.

Those who wish to provide or get a ride to the event, please contact Gary Rold at (619) 440-1167. He will broker out drivers as needed.



I'd like to point your attention to recently published AMA policy related to First Person View (FPV) and aerial photography. I'm

seriously thinking about stepping into this growing technology. At General Atomics Aeronautical Systems Inc., I'm directly involved with high-resolution camera systems. The growing technology has put some pretty powerful capabilities into our hands. We need to take into consideration how these systems should be used.

Refer to AMA article:

<http://amablog.modelaircraft.org/amagov/2012/10/21/can-i-use-my-model-aircraft-to-do-aerial-photography/>

"The use of imaging technology for aerial surveillance with radio control model aircraft having the capability of obtaining high-resolution photographs and/or video, or using any types of sensors, for the collection, retention, or dissemination of surveillance data/information on individuals, homes, businesses, or property at locations where there is a reasonable expectation of privacy is strictly prohibited by the AMA unless written expressed permission is obtained from the owners, or managers."

On Tuesday January 15th, Ron [unclear] CPR training for any and all

I **highly recommend** \$20 per person, completion of your certification to administer

Convention in January (11th-13th), Pylon Races (Feb 10th) and a [unclear] coming up. Get those planes

great month!



**First Weedwacker Aero Squadron
Annual Awards Banquet**

Date: Friday 1/4/2013

Time:

6:00 pm Bar

7:00 pm Dinner

*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**





Storage of Your NiCad RC Packs

Red Scholefield, printed in the newsletter for the Anoka County Radio Control Club, Inc.

How should I store my batteries at the end of the season? What should I do to them when I put them back in operation?

The batteries should be removed from the transmitter and airplane for long-term storage. Here in the South where a lot of us work out of our garage workshops, I recommend putting them in the refrigerator (not the freezer) during the off season. While not so important where your workshop rarely gets above 23°C (74°F), the refrigerator is still a good bet. Why? The failure mode of NiCads is separator failure; this is the material that keeps the plates from touching each other. When it fails, the cell shorts. At higher temperatures it oxidizes faster. In fact, the rate doubles for every 10 degrees Celsius increase.

Should I store my batteries charged or discharged?

It doesn't really matter, they will self discharge in a few months stored at room temperature. If you are going to store them in the refrigerator, the charge will remain for a lot longer. I would discharge them first to 4.4 volts then put them away. Good cells will just set there in the discharged condition (the voltage can vary considerably, but is usually above 1 volt). In a battery with damaged, worn out separators in the cells, the cells are apt to short if left in a discharged condition. This is actually good since it is the first indication of a cell that's going bad and it is best to replace the pack. Batteries left on trickle charge will seldom short out since it is in the charged condition and any short that tries to develop will be zapped by the charge in the cell. Partial shorts, those having fairly high

resistance, can be developing that can cause the cells to self discharge at a higher rate than normal and possibly leave you short in the middle of a flight after you just measured the cell when it came off charge with your ESV and everything looked okay.

Now when your batteries are coming out of storage, before charging, check the voltage without a load on the battery. It should read well more than 4.0 even if it has not been charged all winter. They should be essentially fully discharged; or flat as we say in the business. In this condition if the battery is going bad, it will probably have shorted and you will read zero volts on that cell. It may be a soft short, one that could be blown away merely by the simple action of slow charging. Don't do it! It is just lying there waiting to bite you. Replace the pack. Cut out the "good" cells if you want and use them in something less critical than your model. If you have access to a cycler, running through a couple of charge/discharge cycles is a good idea just to make sure you are getting the capacity you are supposed to. Anything less than 80% of rated is suspect. Once at the field, preflight battery checks are in order, particularly at the beginning of the season. Since those who religiously check their flight packs with an expanded scale voltmeter seem to crash less (due to battery failure) one must assume that the ritual is smiled upon by the RC gods. ➔

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