



# HANGAR NEWS

NEWSLETTER FOR THE FIRST WEEDWACKER  
AEROSQUADRON  
AMA CHARTER # 1651  
June 2014

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

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Race Chairman TBD  
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Bill Hutchins Lee Main  
Glen Merritt Keith Miller  
Ben Newkirk Ron Smith (lead)  
Larry Bagalini

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HANGAR NEWS is printed for the members of the  
FIRST WEED WACKER AEROSQUADRON and its  
contents do not necessarily reflect the policies of the  
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Articles, news items and classified ads should be sent  
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91941.

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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

June 7-8 AirShow San Diego (was Wings Over Gillespie)  
June 15 Sat Swap Meet Discount Hobbies  
July 19 Sat Mid Summer Luncheon

## We Have A New Neighbor Be A GOOD Neighbor

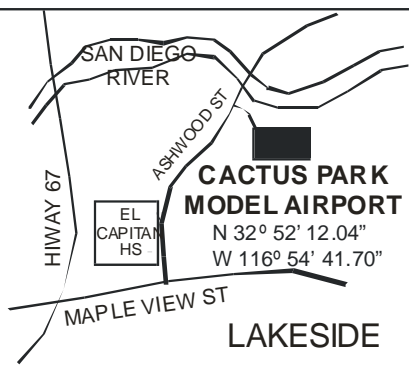
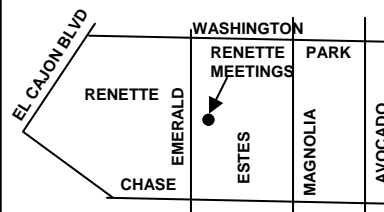
The Herring Ranch, just east of our runway at Cactus Park has  
been sold. The new owner has been contacted by our Board. So  
far our relations are very good, and we want to keep it that way.  
We don't know what the new owner is planning for the long term  
future.

Our goal right now is to be the best neighbor we can be and  
always keep our relations good. So we must be extra vigilant  
about keeping our models away from the Polo field and keeping  
the noise we make to a minimum.

Much more information will be available at the next meeting and  
in future newsletters.

**This is a VERY GOOD THING!**

**NEXT MEETING:**  
**Tues. June 3, 7:00**  
**Renette Park**





# HANGAR NEWS

## Meeting Minutes May 2014

Bruce Allen

The meeting on May 6th 2014, was called to order by the club President, Gary Rold at 7:00 PM and the membership recited the Pledge of Allegiance in the direction of the flag (Hat) provided. In attendance were 34 attendees, including board members; President Gary Rold, Vice President Ron Smith, Treasurer Scott Graupmann and Secretary Bruce Allen.

### **Opening Comments:**

Gary welcomed all to the meeting, & commented on the good turnout!

### **Guests and New Members:**

Bill Simmons – Started flying in 1962, Galloping Ghost 6 Channel Single stick.

(Ron Smith commented that this was Mode 3)

Dick Millhousen –Last flew in 1987 (Friend of Phil Morris, is this a recommendation?)

Eric Millhousen – (Son of Dick) flown both Electric & Gas Trainers, Helicopters etc

Henry Li – Joined Navy, bought first R/C plane, in the 70's flew Pattern, Gliders, joined Torrey Pines Gulls.

We extend a hearty welcome & hope you will enjoy the experience (?)

### **Electric Seminar**

Glen will give a Seminar for the whole room, any who attend it will qualify to fly Electric.

(This is a club & county requirement)

### **Approval of the Meeting Minutes:**

I was Shocked & Stunned as there were no corrections!

Proposed: Don Madison, Second: Mike Martak, Unanimous.

(Comment on Discount Hobbies Swap Meet, the date is correct 15<sup>th</sup> of June)

### **Treasurer's Report:**

Beginning Balance: \$10,809.64

Income: \$567

Expenses: \$642.67

Ending Balance: \$10,733.97

Last Year's balance at this time around \$9,222.

Proposed: Mike Martak Second: Rich Crutchfield,

Unanimous.

### **Safety Officer Report:**

Ron Keith – Nothing new.

Ron Smith – Cautioned of over flying our limits, especially the roads. RV8 (Bruce Allen) lost a wing in flight causing a total loss including LiPo destruction.

Gary Rold – Advised keeping in mind we have a lot of neighbors & some are not so understanding!

### **Committee Reports:**

*Fun Fly* – Waiting for info

*Race Day Reports* –Lance Edmunson, Rescheduled to 24<sup>th</sup> of May at Chollas R/C Flyers Classes:

- **Stock T-28 class** -Parkzone T-28 in bone stock form. Stock prop. Juice it up with 3s batteries an mah (Milli-Ampere Hours).

- **Warbird class** -Parkzone T-28, F-4U, FW190, P47D, Spitfire, or BF-109. Upgrade your power system to any motor and esc combo you want. Any prop. Limit is 3s batteries any mah!!!

- **Mini Ultra Stick class**- Eflite MUS or equivalent scratch built airframe. Motor can't exceed 890 KV. Batteries 3s-any mah. Any prop. Any ESC.

**Funfighter Rarebear 620mm class**-stock from the box on 4s batteries any mah. Stock prop.

Reminder website: [www.pylonairracing.com](http://www.pylonairracing.com)

Members have been asking about having the events at our field? Lance to survey other clubs etc to obtain a consensus, emphasizing safety of our field etc.

### **Scale Fly-in**

Art Flores – After discussion, date changed to **June 14<sup>th</sup>**, Lee will take care of getting AMA Sanction. Bruce Allen will supply Coffee & snacks. Volunteers needed to help as well as Fly!

(Secretary – Will look into correcting on line Calendar)

### **Field Clean up**

May 10<sup>th</sup> – (Because of Santa-Ana's, Red flag etc this didn't happen?)



# HANGAR NEWS

## **Tabled Business**

Gary making a couple of large Weedwacker Signs for the entrance to our Field.

(Now up & very effective – Bruce)

## **New Business:**

Ron Smith talked about a Flying Field that Mike Berry had found out about 7 miles North of El Centro. Imperial Valley Radio Control Association (IVRCA) Runway etc:



No obstruction, no noise limits, ideal location. 600ft x 60ft runway. Ron is visiting this week & will report back.

Gary mentioned that if a Member has an idea for an event, please give us notice in plenty of time so we can look into & try to prevent some of the calendar confusion we have been having.

## **Midsummer Day Time Luncheon (July 19<sup>th</sup>)**

Ted spoke about this & asked if he could have money for the Raffle, after discussion it was decided we would vote for \$700.

Proposed: Ken Lawrence, Seconded: Larry Bagalini. Unanimous

## **Point of Interest!**

Gary's Radian Wing (complete) was found in an 'out of bounds' area! Nothing to do with the meeting of our 2 planes.... (Bruce)

## **Don Madison**

Working on a large Estate Sale that has all sorts of Plane Kits from Rubber powered to Nitro, as well

as Control Line, lots of motors etc, the sale will be in the Mira Mesa area on the 31<sup>st</sup> of May 9am to 12 noon. If interested contact Don by email.

## **Old Business:**

Glenn Merritt – As a reminder this years “Wing over Gillespie” (now called “AirShow San Diego”) which will be commemorating the 70<sup>th</sup> anniversary of ‘D- Day’. In the past couple of years, although we had a stand at the show, we have not been allowed to Fly demonstrations, this has changed we CAN Fly this year!!

The AirShow will take place on Saturday 7<sup>th</sup> & Sunday the 8<sup>th</sup> of June. Set up day will be Friday the 6<sup>th</sup>.

**Glenn asked for more volunteers to help, provide planes etc. Contact Glen**

Link for more info <http://ag1caf.org/>

## **Draw for free Membership**

Chuck Cassidy—Congratulations

## **Good of the Order:**

Lee had an incident with a Plane up a tree, he got a lot of help retrieving the plane, Gary, Phil etc. He stated that he was impressed that without asking he got such help.

Bruce – Had a LiPo explosion in his garage, read all about it in this Newsletter!

## **Model Sharing:**



Rich Crutchfield  
Fly Model MX 2 – 50cc from





# HANGAR NEWS

<http://www.rcjetsworld.com/>

<http://www.rcjetsworld.com/index.php/new-products/mx-2-50cc-detail>

Power plant: DLE 55  
Muffler: Aymar Canister  
Power: TBM Power System 2  
Receiver: Futaba R617FS  
Servos: XQ Power S4020D

Lee Main Capmaniac 60' Wings Span  
OS61 engine.

Weights about 71/2

Instructions vague! Bought at Swap Meet.



Ken Lawrence Senior Kadet ARF.  
Reconstructed from a bad crash in the fence  
(found in trash can). Had been crashed before,  
replaced most of the front end, added .91  
Brushless motor. Wing to be built. Beautiful  
reconstruction.



\$339.00 **Raffle:** Many prizes, but we didn't get all the names

Donated Plane	Bruce Allen
Voucher	Glenn Merit
Batteries - ?	
\$20 DWH Voucher	Bruce Allen
Batteries + Tester	
Batteries	

Raffle Cost – \$106.28 Income - \$105 Loss - 0.28

## lbs. **Electric Seminar**

Glenn Merritt – I have a video of this which I will make available once I have edited it – Bruce Allen

Note: Gary Rold will be away from 5/19/14 till 6/2/14

## **Adjournment:**

The meeting was adjourned at 20:46

Welcome to:

# Café

CALIFORNIA

## 67

Breakfast & Lunch

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

**Deli**

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".



# HANGAR NEWS

## Jim Horath 1929—2014

Jim Horath joined our club in January 2001. Last week (May 19), Dave Horath, his son, informed us that long time member Jim Horath passed away of Alzheimer.

Jim was born on June-15-1929 in Chicago, Illinois and serviced our country as a First Lieutenant Army Infantry. He worked as the Quality Control Superintendent for American Can Company, Hammond, Indiana for 30 years, retired and moved to San Diego in 1984.

Jim Started building and flying RC planes 1959 and in the past years, was a weekend flyer but due to his age and failing health had become a weekday flyer- he loved his 46 sized Magic Pattern Plane. Jim began flying with us at the original Cuyamaca and Mission Gorge field in 1975.

Jim's ashes were returned to the sea last week per his final wishes- He will be sadly missed by the entire club.

## May 24, 2014 Chollas Race Results

### T-28

1st place	Otto Dieffenbach
2nd place	Devin Wheeler

### Warbirds

1st place	Devin Wheeler
2nd place	Lance Edmunson
3rd place	Clark Thom

### M.U.S.

1st place	Lance Edmunson
2nd place	Otto Dieffenbach
3rd place	Logan Infurna

### Rarebear

1st place tie	Otto Dieffenbach and Ryan Danielson
2nd place tie	Todd Infurna and Art Flores
3rd place	Lance Edmunson

We received the royal welcome from the Chollas Park RC Flyers today! Banners, BarBQue, large crowd, great people- thank you to Harley Davis, Chef Gene, and the whole gang at Chollas!!!

As for the racing- we had a spectacular mid air between Otto and Logan in the first Warbird heat! We got it on film from two different angles! Great footage for the upcoming promotional video! Since Logan was knocked out of Warbird class, he took over his Dad's M.U.S.. Well, we have video and still pictures that show our two planes virtually attached to each other we were so close!! Logan did fantastic for his first M.U.S. race. Watch out for this guy!

In Rarebear class, we had 7 pilots. The losses to the Bear colony were minimal, I think we only lost Chuck Fraser! Be ready- the number of Bear pilots is exploding!! These little planes were so fast, it was almost impossible to get them on film.

We look forward to our next race on June 28th at Weedwackers. This will be the final filming for the San Diego RC Pylon Racing video that we will be presenting to the other area clubs. Thank you to Ron Keith and Robin Edmunson for the camera work.

Welcome to our new racers from Chollas! And thanks again to the Chollas Lake RC Flyers! Lance Edmunson

**DISCOUNT  
HOBBY  
WAREHOUSE**

**EL CAJON  
HOBBIES**  
LAND ★ AIR ★ SEA ★ GAS ★ ELECTRIC



## A cautionary tale...

*By Bruce Allen, 26 May 2014*

All of us who fly Electric Powered airplanes should be fully aware of the Safety requirements of LiPo (Lithium Polymer) Batteries right? That's why we have an 'E' on our membership badges to prove we have taken the short seminar on the same.

Well I am one of those with an 'E' & am a qualified Avionics & Electronics engineer with over 40 years of experience in the field, so I should know better, right, wrong? I think the quote is "Familiarity Breeds Contempt."

Read on:

One day in my garage I put a LiPo battery on charge, I had tested that all the cells had a reasonable value in them, none were dangerously low (below 35%). I programmed the intelligent Charger for the correct current, voltage etc, pressed the Start Button & the charger did its check & came back OK, so I pressed Start again & the charging process started OK.

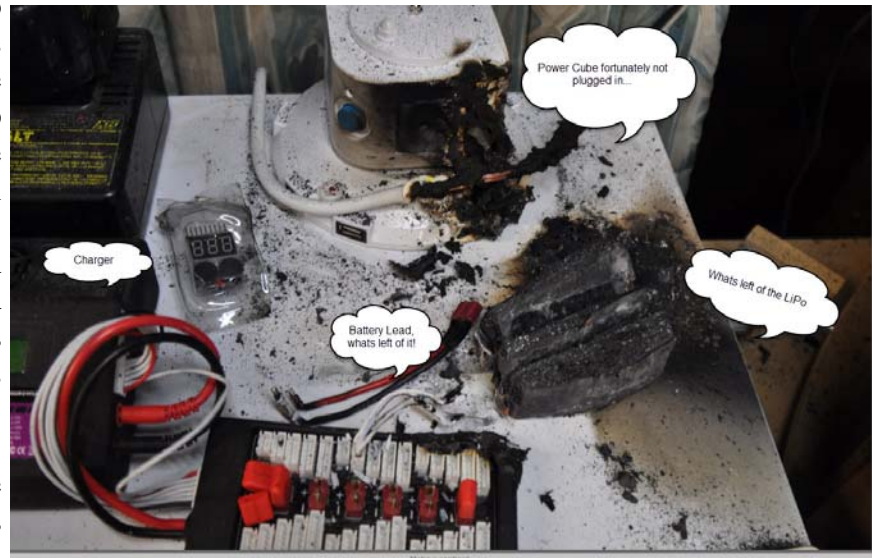
About 10 minutes or less I was at the other end of the garage when I heard a loud hissing noise & an acrid smell, looked to see where it was coming from & to my surprise there were some smoke & a little flame where the LiPo battery was supposed to be charging!

Please look at the photo for the resulting wreckage....

The first stupid thing you will notice, is there is no LiPo Sack which should have been around the Battery!

I think the rest is self-explanatory, I was extremely lucky that the garage didn't catch

fire as it is surrounded by wood! I think this is partly due to the fact the surface the Charger etc were on was the metal top to my fridge.



### Lessons learned:

1. Always place the Battery in a LiPo Sack or a metal container. (I'm modifying an Ammo box for this).

### In addition:

2. Use the correct charger, intelligent type is preferred which can provide a Balanced charge, Discharge for Storage etc

3. Make sure to set the correct amperage & voltage of the battery to be charged.

4. Never discharge a LiPo cell below 3V per cell. 3V is completely discharged for a LiPo cell and if you go below that voltage you'll do unrecoverable damage to the cell chemistry. Modern consumer electronics have plenty of built-in safeguards in place to prevent that from happening, but it's not hard to do by accident or by design once the battery is out of the device.

5. If a Battery is bulging a lot, Do Not use it & dispose of it in accordance with Club guidelines.

Enjoy flying your electric planes safely.....





# HANGAR NEWS



AMA Charter #1651

## Scale Flyin

AMA Sanction: 1481

When: **Saturday June 14, 2014**  
**note: this is a date change from earlier notices**  
Where: First Weedwacker Aero Squadron Field, Cactus Park  
Time: Checkin 08:00 AM  
Flying: 09:00 to 1:00  
Landing Fee: \$10.00

Pilots Raffle and Open Raffle

Food Available

Scale and Semi-Scale Models Welcome

Awards for: Best Civilian, Military, Peoples Choice and Judges Choice

There are strict sound regulations. Engine noise cannot exceed 96 DBa @ 3 m Sound Meter available at field. Must show AMA card to enter.

Contest Director:

Art Flores  
619-715-1842

