



# Chino Valley Model Aviators, Inc Official News Letter



AMA Chapter #3798

IMAA Chapter 705

March 25, 2010

Volume 12 Issue 3

www.cvma-online.com

*"To create an interest in, further the image of, and promote the hobby/sport of radio controlled aircraft"*

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*If it ain't broke don't fix it; if it ain't fixed don't fly it!*

Support Our Local Hobby Shop

FOR YOUR MODELING NEEDS VISIT:

**VALLEY HOBBY**

The Safeway Center  
Prescott Valley, AZ

TONY & DONNA PACINI

THEY SUPPORT OUR CLUB

## MEMBER ALLAN COLLINS BIG ELECTRIC 3D RENDITION OF AJ SLICKS FULL SIZE AEROBATIC A CROWD PLEASER



Allan's plane has a Hacker A50-16S electric motor, prop is a 17x10 APC using a Castle Ice 100 ESC with power from a Turnigy 6S 5000 25C battery. He uses a regulator with a separate battery so he can power up his receiver and servos without powering up the motor. Radio is a Spektrum DX7.

## RANDY MEATHRELL'S ELECTRIC C-130



Randy Meathrell's electric C-130 also has some attributes of a C-133. Randy lands it off the runway on the over-run since it is so small and has no landing gear. This shot makes it look like a much bigger plane but the size comparison with Randy shows how small it is but it flies great.

(See pages 2 and 5)



## STEVE'S STUFF

BY STEVE KILE CVMA PRESIDENT

Hey everyone, thanks for another great meeting. We are moving forward with our runway maintenance. We need to have a little cooperation with the weather to get a few tasks completed. The helicopter pad should be one of the first things to get our attention.

For those of you not in attendance we have re-instituted **Bob Shanks'** idea of a yearly prize for the Show and Tell members who bring projects to our meeting. See page six

and read about it in our meeting minutes. We will have 3 gift certificates. Starting with this month and ending one year from now. I have removed myself from the contest for obvious reasons. (It seems I win some of our contests frequently, must be my good luck daughter Krystal)

We are going to have a tailgate swap meet the first week end in April. Come on weather, we all are ready for winter to get over. Bring your RC stuff

out, remember your junk may be someone's treasure.

We have decided on the pilots raffle prize for the fun fly and the amount to spend on the raffle prizes. So things are moving right along.

Also don't forget to check your e-mails. **Randy Meathrell** finds a lot of good stuff on the net. If you find something send it out or on to Randy and he will forward it if he hasn't already found it and sent it out. Fly safe members!

### MARK YOUR CALENDARS

- Mar. 27 Yuma, AZ Air Show and open house. Yuma Aeromodelers.
- Apr. 10 — 11 Tucson Wings over the desert warbird fly in. Tucson Radio Control Club

### CVMA MEETINGS



Third Wed. of every month at 7pm.  
Prescott Airport



## ENGINE FUMES

EDITOR COMMENTS by Bob Shanks

Electric power for RC models has really come along way as you can judge by our two cover shots of EP models by members **Randy Meathrell** and **Allan Collins**. Allan's plane is a huge 3D model while Randy's is a small multi engine job.

It wasn't too many years ago one had to really be careful if a twin engine model was being considered. Control was always a problem if one engine cut out but now with multi electric motors churning one can be relatively assured that one motor won't suddenly cut out, while this could happen the odds are certainly on the side of the modeler now if a multi engine model is being considered.

I had my doubts Randy's little plane would fly well but

even in a light breeze the foam and plastic model does well. The model is put out by **Gravity Hobby dot com**. You can visit the site and check out the model there it was only \$44.45. I don't know if Donna at **Valley Hobby** can carry them or not but check with her first as always and in many cases you won't have to pay for shipping and maybe our discount will apply.

Allan's plane is competition ready 3D ship and takes off in about 20 feet, lots of power and other electric goodies.

Your editor likes to build both electric and glow engine models, have a blast flying both. By the way the electric guys who gave up gas and glow models often call us glow and gas modelers "slimers", they both are fun to fly.

### CVMA MEMBERS LIGHT UP YOUR AMBITIONS...



BUILD SOMETHING, BRING IT TO OUR NEXT MEETING!

### SCALE DOCUMENTATION

You may be interested in building a scale creation but perhaps you're having trouble finding documentation. Some of you may have heard of **Bob's Aircraft Documentation**. This publication used to be in a manual about one inch thick and had just about every kind of plane you could imagine. He offers pictures, 3 views and loads of documentation.

The publication is going digital and now will be available on CD, a great improvement.

You can find out more information at the following web site:  
<http://www.bobsairdoc.com/>.

### CVMA NEWSLETTER

Published Once a Month

AMA Chapter # 3798

IMAA Chapter #705



President—Steve Kile

Vice President—Bob Noulin

Secretary/Treasurer—Rick Nichols

Flight Instructor—Dennis O'Connor

Safety Officer—Tom Root

Board Member—Gary Ewy

Board Member—Randy Meathrell

Newsletter Editor—Bob Shanks

# "AT THE FIELD" PHOTOS



Rick Nichols' electric red foamie.



John Stewart's T-6, she's a 35 pounder but dose she fly well.



Tom Root's big gas engined T-28, very cool.



Byron Clukey's electric Alpha.



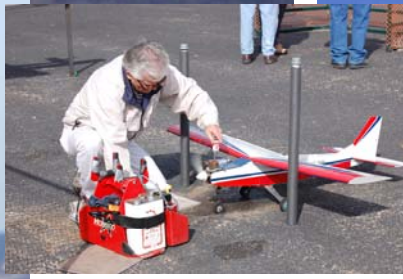
# MORE "AT THE FIELD" PHOTOS



Allan Collin's big electric coming straight at you! See page one.



Randy's C-130 so scale looking. See page one.



Glenn Hiethold's glow powered flying wing.



Club's foam electric trainer.



Tom Root checks it out.



Graham Johnson's beautiful little EP RV-9, pilot's looking out the pit area as she flies by!



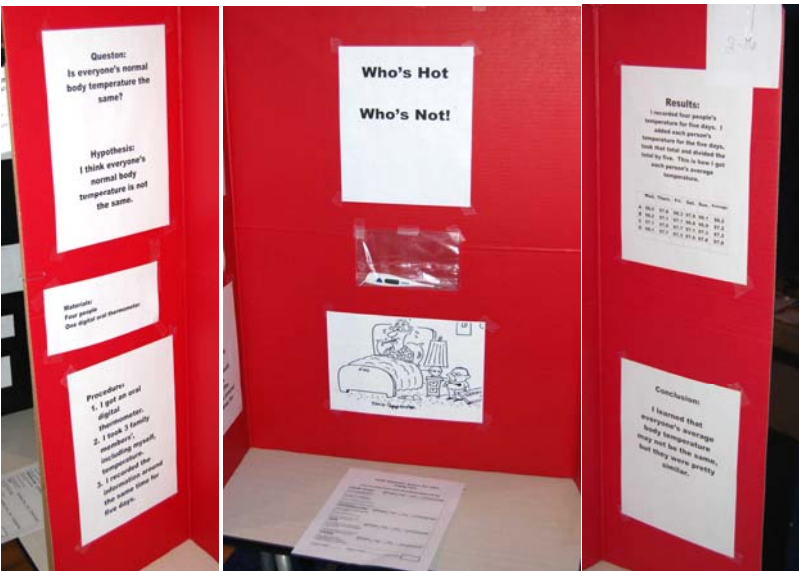
RV-9 coming at you.



## CVMA CLUB MEMBERS JUDGE HUMBOLDT SCHOOL'S SCIENCE FAIR



The gymnasium was packed with projects. This picture shows only a small fraction of the many displays covering a wide range of scientific topics.



Club members Bob Shanks, Randy Meathrell and his wife Carol Meathrell helped judge the 2010 Humboldt Elementary Science Fair February 17.

There was a wonderful collection and variety of projects such as the one above about body temperatures and how this student went about researching the differences in people. There was such a large number it took the members almost 3 hours to judge.

Items graded on a point scale were, Scientific Thought, Thoroughness & Skill, Clarity, and Creativity. Winners went on to district and statewide judging. The staff under the direction of principal Jack Stone are doing a superb job, a superb local school.

## F-35 Lightning Cockpit



## BOEING 787 WITH GLASS COCKPIT



The new Boeing 787 is quite modern with it's amazing flexible wings and very up-to-date glass cockpit.

# CVMA MEETING HIGHLIGHTS - FEBRUARY 2010



The meeting was called to order at 7:00 PM by **President Steve Kile**. 25 members were in attendance

The Pledge of Allegiance was led by **Glenn Heithold**.

**Randy Meathrell** reported on the health of John Stewart's wife Brenda. Randy placed a phone call on his cell phone, put the phone on speakerphone and we all wished Brenda a hardy GET-WELL wish.

**Sec/Treas. Rick Nichols** read the Treasurer's report and it was approved as read.

**Safety Officer Tom Root** had no report this month but called upon **Randy Meathrell** to explain the care and handling of X-acto knives.

**Steve Kile** brought up the idea of

starting an annual prize for members that bring in show and tell items each month. The participation to qualify would run from March to March. After discussion among the members a motion was made by **Graham Johnson**, seconded by **Bob Noulin** to have a first, second and third prize awarded. The prizes will be Gift Certificates from Valley Hobby with the 3 having a total value of \$100.00. The motion was passed.

The Fun-Fly raffle was discussed. Each participating Pilot will be charged a \$10.00 entry fee and will get a ticket for the Pilots Raffle. Randy made a motion that the raffle prize be a \$50.00 Gift Certificate from **Valley Hobby**. The motion was seconded by Tom Root and passed.

**Greg Walsh** made a motion that the club spend \$400.00 for raffle prizes to be given at the fun fly. Motion Passed.

**Randy Meathrell** gave a presentation on how to determine the size of Electric or Gas motor that is required to power an airplane. Randy also demonstrated a thrust measuring device.

**Steve Kile** thanked Randy for the informative E-mails that he sends out to the members.

**Graham Johnson** brought his new beautiful Cessna 421. Randy showed his completed Blue Baby that **Richard Wright** has successfully flown and landed. **Steve Kile** brought the new VFO airplane that he is building and his Patriot XL. **Byron Cluckey** made a slideshow of photos that he has taken at the field over time and showed the pictures on the television in the meeting room.

April 3 and 4 will be the swap meet at the field. In his absence **Bob Shanks** was delegated to make a flyer

for the event and E-mail it to members as well as posting it at Valley Hobby. Thanks Bob.

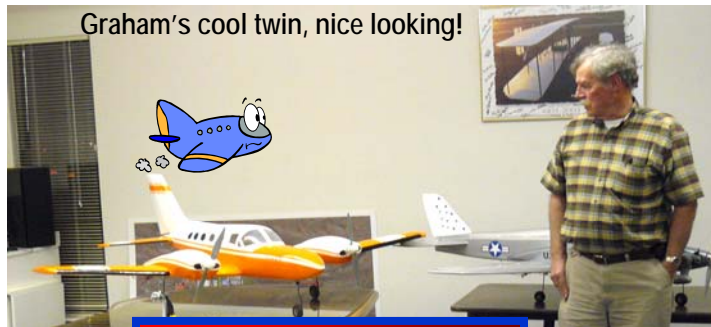
**Tom Root** brought a sample of Tree Sand that will be used at the field as well as curbing material for the helicopter area. We are holding off on the helicopter area until all the helicopter pilots can meet and finalize plans.

**Rick Nichols** collected names of members that need name badges and also took orders for member shirts.

The door prize, a VFO airplane donated by **Valley Hobby** was won by **Richard Wright**. Winners in our regular raffle were **Bob Nabors** who won an angle meter, **Len Brown** won a Lipo Bag; **Gary Ewy** won Foam CA glue, **Steve Kile** won a servo, **John Conrad** won epoxy glue and **Richard Wright** won servo arms. Meeting adjourned at 8:45. Meeting notes are by our secretary/Treasurer **Rick Nichols**.



Above is Steve Kile's with his weird VFO airplane. I guess its an airplane? Does it fly Steve?



Graham's cool twin, nice looking!



Byron Cluckey gave a slide show of field shots.

Photos by Tom Jeffrey



Steve Kile did a bang-up job on this great flying Patriot kit. Too bad they don't make this kit anymore. Nice job Steve!



Randy's foam Blue Baby.



Inset shot is Randy's briefing on determining the size of an electric motor for a model, he also demonstrated a thrust measuring device.

VALLEY HOBBY RAFFLE

Donated By

Valley Hobby

8332 E. Hwy 69  
Prescott Valley  
928-775-4071

Richard Wright won the VFO kit.

**THREE BIG GAS PLANES FOR SALE**



Rod Larson has three big gas powered planes to sell for \$550 ,just drop in your receiver and go fly. (928.460.2714)

**PATRIOT: MEMBER WINTER PROJECT**



Steve Kile's Patriot is almost ready to go , nice job Steve.

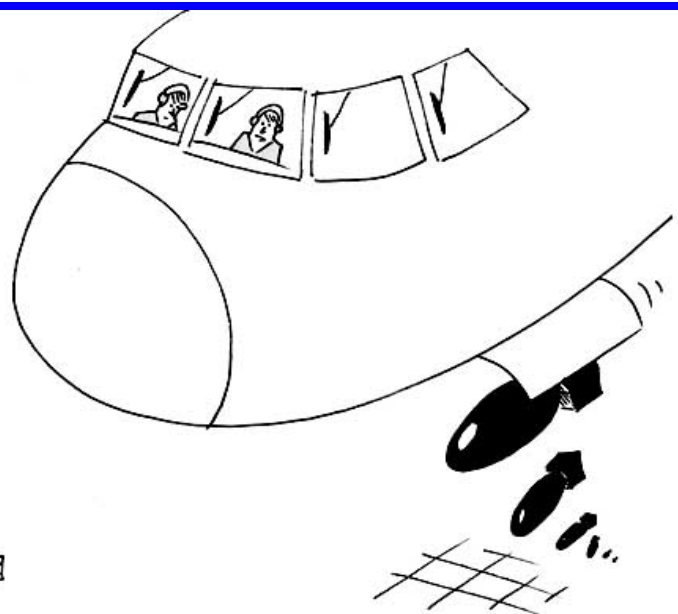
**PILOT MON-KEE VON RICKENBACHER RETIRES AFTER 123 MISSIONS**

*By Rick Nichols*

It is with regrets that we announce the retirement of service of the little red *Simple Stick* that many of you have watched flying around our field by the little German/British monkey pilot.

The pilot flew for both England and Germany, depending on the attitude of his flight. After 123 missions the brave warrior and ace pilot was shot down while flying a sortie over the Perkinsville Aerodrome in Chino Valley, home of the famous Chino Valley Model Aviators (CVMA).

Pilot Mon-kee Von Rickenbacher sustained injuries but with rehabilitation he may live to fly more missions in the future.



"Oh...Then which button turns on the wipers?"

**SAFETY IS ALWAYS AN ISSUE**

Our Activities Director, Randy Meathrell has sent out some sobering web links to fires caused by not handling LiPo batteries properly. We thank you Randy.

So for this column we're including a shot of your editor's charging set up at right.

The standard concrete block sits on a cap block with another cap on top. Under the top cap is a flat plastic bag full of sand. In the event of a fire the heat melts the plastic and the sand puts out the fire. Without a bag

of sand lots of smoke will billow out into the workshop. It's always advisable to have your charging station close to a door so you can vent smoke if needed.

The end slots in the block is where one drops the battery while charging. The charger should be monitored and not left alone. The balancer in the picture is outside the block so I can see which cells are being balanced. The black box is my step-down power box from 110 volts to 12 volts. It's a power regulator from a computer I converted.



Editor's charging set up for LiPo batteries.