



AMA Chapter #3798

# Chino Valley Model Aviators, Inc



IMAA Chapter 705

## Official News Letter

January 25, 2010

Volume 11 Issue 1

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

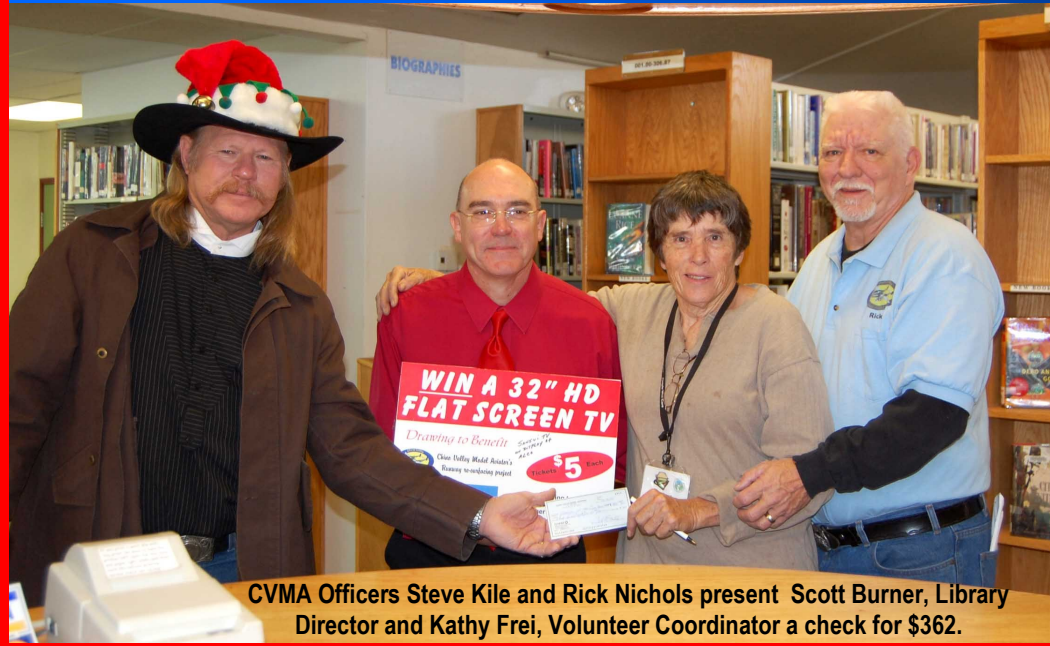
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**GOOD RC  
SIMULATOR  
PRACTICE IS  
LIKE  
SUCCESSFUL  
SURGERY ON A  
CADAVER !**

**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

### CLUB'S TV RAFFLE RAISES \$362 FOR CHINO LIBRARY



CVMA Officers Steve Kile and Rick Nichols present Scott Burner, Library Director and Kathy Frei, Volunteer Coordinator a check for \$362.

### JOHN STEWART AND HIS ONE THIRD SCALE SPACEWALKER POWERED BY A GAS ENGINE



Photos by Chris Myhre



# STEVE'S STUFF

BY STEVE KILE CVMA PRESIDENT

Well we had our first meeting and our club got off to a great start for 2010. We just made it before this el-Nino storm hit. Even though the weather was turning a bit "sour" the first meeting was well attended.

We are getting a calendar of events going, I have the Christmas party for this year already booked for "Gabby's" just on the outskirts of Chino Valley on Hwy 89. We

are leaning forward and that's good organization.

I again want to thank the board and all members for supporting me in my slow healing process from my knee surgery. Yes I know where the field is and as soon as it gets a tad warmer I will be out again.

A big thank you to **Dennis O'Connor** for stepping up to serve as the Contest Director (CD) for our annual fly-in

scheduled for September. Firm dates are just about fixed, more to come. This will be an IMAA and AMA meet so we can have all sorts of aircraft. The three day event will include our popular pylon racing too and we are resurrecting the evening pot luck dinner at the field.

We are working on dates that don't conflict with local events.

**Fly safe members.**

## MARK YOUR CALENDARS

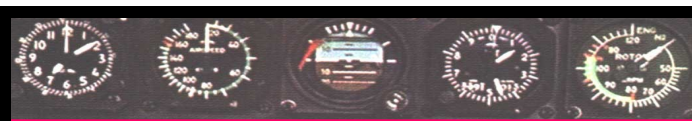
Jan. 28-30:  
**Electric Festival in Phoenix**

Feb. 17:  
**CVMA Meeting Airport 7PM**



### CVMA MEETINGS

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



## ENGINE FUMES

EDITOR COMMENTS by Bob Shanks

I would like to thank last year's president **Randy Meathrell** and board for nominating me for the **Carl Goldberg** award. I was truly humbled and appreciative of this award. I hope I can continue to live up to it by supporting our great club and members.

When one stops and thinks about it, we have some of the finest members a club could ask for, retired engineers, aeronautical designers, airline captains, a Hollywood cinema-photographer, a fiberglass expert, active working members include law enforcement, local business members, pilots, teachers, electronic experts, a retired Marine colonel. You name the profession and one could probably find a CVMA member who has been there done

that.

So the honor is all mine to support all of you in our interests in all things aviation.

Our club has been involved in many community activities the last few years giving demonstrations at local schools, helping with the **Prescott Valley Veteran's memorial** fund raiser, the **Chino Valley Library**, the **PV Greatest Little Air Show** and of course our work and support of the **Embry-Riddle Aeronautical University** design class and testing their UAV creations. Let's make 2010 just as memorable by keeping involved in this great hobby/sport of model aviation.

We also have one of the finest Hobby Shops supporting us, **Valley Hobby**, thanks to all of you.

## CVMA MEMBERS LIGHT UP YOUR AMBITIONS...



**BUILD SOMETHING, BRING IT TO OUR NEXT MEETING!**

## JOIN RC GROUPS

**Randy Meathrell**, our current Activities Director has been sending out regularly items of interest for all of us whether we build electrics, gas, glow, helicopters and scale. All things RC can be found at RC Groups:

<http://www.rcgroups.com/forums/index.php>

Registering is easy and it's completely free. You can join public discussions, communicate with other members and get free plans.

You can upload photos videos and even create your own blog. The site is quite versatile and can supply you with lots of information for your current or future project. Check it out members and remember it's **FREE**.

## 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



Byron Cluckey's Electric high wing, a great flyer.



Rick Nichols T-28 with yellow for better visibility when he races it this spring.



Chris Myhre's "Big Ass" Foamier



Scott Workman and Dennis O'Connor help Ray Stone tune up his engine on his Pete-N-Paul.



Graham Johnson's EP Reactor



Chris Myhre's Jet Ranger checks out Graham Johnson and his Reactor.



Tom Root's Beautiful T-6



War Bird line-up.





# MORE "AT THE FIELD" PHOTOS



Photos by Chris Myhre



Marvin Jones' Haboob EDF



John Stewart's Spacewalker from page one.



The Germans are coming!



Randy Meathrell readies his FW-190



Glenn Hiethold's beautiful flying wing.



All tuned up now let's go back to workshop and finish her up.



Flight 81 a success.

Way to go Rick Nichols.



Gary Ewy and Tom Jeffrey ready Gary's trainer.



My hands are so cold I can't reach my coffee.



Tom's T-6

Tom Root, "Flaps down I'm coming in."







# CVMA MEMBER PROJECTS



Just needs Paint.



Chris Myhre's T-Rex 600 Medivac helicopter



Rick Nichols' Great Planes Electro Streak  
44" WS E-Flight 450 power.

## HOBBY SHOP IN NEW QUARTERS

# VALLEY HOBBY



Valley Hobby is in new quarters with a little more space and an even brighter and better display options. Donna and Tony just recently moved their store to the Safeway Center at the corner of Wind Song and Hwy 69 just adjacent to the Safeway store.

A lot of our members as well as Casa de Aero members helped with the move on a Saturday completing the move in about one half day thanks to all the local modelers help.

Remember for 2010, Donna can often save you some bucks so let's all continue to support the one and only model shop in the area. We all would be at a big loss if she and Tony's shop was not here. Stop in and browse around you may find that "widget" you need for your winter project.

## WESTLAND WYVERN MODEL WORTH BUILDING



The British turboprop strike aircraft in service with the Fleet Air Arm from 1954 to 1958, seeing action against Egyptian forces in 1956 during the Suez crisis



# CVMA MEETING HIGHLIGHTS - JANUARY 2010



President **Steve Kile** thanked all of the board members for their help with the club while he was recovering from his knee surgery. Steve also thanked Life Member **Tom Wells** who donated his December Christmas Party \$50.00 winning gift certificate from Valley Hobby back to the club. The members voted to use it for our Fun Fly-in raffle prize.

Sec/Treas. **Rick Nichols** read the Treasurer's report and it was approved as read. Rick also gave a report on the television raffle and the donation to the **Chino Valley Friends of the Library**.

Safety Officer **Tom Root** gave a report on the cost of putting tree sand gravel in the area in front of the

shelter and around the helicopter area. Approximate costs for the gravel will be around \$356.00. There will be other costs also and Tom will have a full report by the next regular meeting. There was a discussion and a motion was made by **Randy Meathrell**, seconded by **Bob Shanks** to go forward and complete the project since it will be close to or over \$500 the limit the board can approve.

**Chris Myhre** showed his T-Rex 600 Medivac helicopter that he is ready to put color to. **Rick Nichols** brought his recently completed Great Planes Electro Streak **Bob Shanks** showed his Hanger 9 Ultra Stick with a 82 4-stroke engine. **Graham Johnson** brought his beautiful little RV-9. **Randy Meathrell** showed us his little foam Blue Baby that he is building and also showed us our new CVMA

Club Trainer. **Steve Kile** showed his Swept Wing Great Planes model.

**Randy Meathrell** asked members to volunteer as judges for a Science Fair at the Humboldt School District on February 18<sup>th</sup>. **Bob Shanks** asked members if they would like to participate in finishing the Embry Riddle airplane project that the students were not able to finish this year. Randy also asked if anyone would like to ride with him to the E-Fest on Saturday January 30<sup>th</sup>, a great annual electric event.

**Dennis O'Conner** reported on progress of our September fun-fly this year. It will be IMAA and AMA sanctioned. He plans on a 3 day event with Pylon Racing Friday, Saturday the main event with a pot luck dinner that

evening and raffles on Sunday.

**Steve Kile** will change the combination to the gate on Saturday, January 23<sup>rd</sup>. Members that are current in their 2010 club dues will receive the new combination by E-Mail.

### Raffle Drawings

A 480 Electric Motor donated by Valley Hobby was won by **Greg Welch**. **Bob Nabors** won an Airplane Stand. **Gary Ewy** won Epoxy Glue, **Dennis O'Connor** won Plan Protector, **Walt Findley** won a magnetic parts dish, **Chris Myhre** won Loc-Tite, **Rick Nichols** won a balsa stripper, **Bob Shanks** won a soldering iron, **Bill Lindenthaler** won a handful of "slimmer" props and **Ray Shouse** won a glow starter.



Graham Johnson's EP RV-9.



Rick's Electro Streak.



Chris Myhre's Medivac EP Helicopter



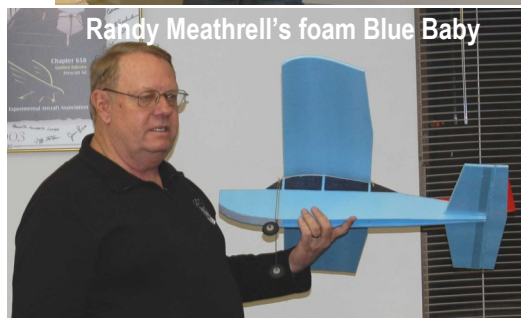
Steve Kile's swept wing - very cool.



Bob Shanks' Hanger 9 Ultra Stick.



Randy showed us the foam club Trainer.



Randy Meathrell's foam Blue Baby



Donated By

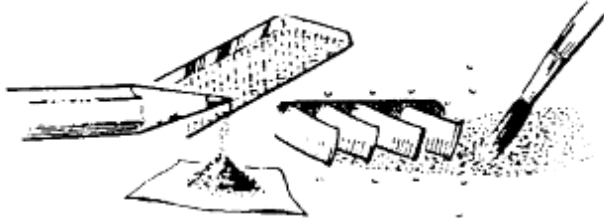
## Valley Hobby

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

480 Electric Motor won by  
**Greg Welch**

## SCALE BUILDING TIP

From First Weed Wacker Aero Squadron  
Lakeside, California



Add some easy scale detail by making a pile of fine pencil dust, then simply smudge this onto your model with a finger. This can add very realistic exhaust or gun soot marks. Seal with a spray of clear varnish or polyurethane. You can use a soft brush for more control, experiment first members.

## NEED YOUR ARF ASSEMBLED?

Premiere model builder ROD LARSON will build your ARF for a reasonable cost.

Provide him with the ARF and he will have your RC jewel ready for flight built professionally.

Call Rod at  
460-2714

for a quote based on your type of model and what you want.

## MEMBERS PLEASE REVIEW RULES AND HELICOPTER PROCEDURES

These are operating procedures we adopted in 2007 to keep everyone flying safe. Again they are not hard fast rules.

### Introduction

In keeping with the Academy of Model Aeronautics (AMA) philosophy of promoting all aspects of our hobby we are setting forth some general operating procedures for flying our RC helicopters. We are also following the general guidelines for positioning the helicopter pad. Our club wants to accommodate all phases of this hobby.

In full size aviation, there is often a memorandum of understanding (MOU) of how helicopters will oper-

ate at a field so there won't be an unsafe mixture of rotating wings and fixed wing aircraft and that is the intention of these procedures, to allow safe flight of both fixed wing and rotating wing models

### RC Helicopter Procedures

1. **The pilot box on the established helicopter pad will be positioned and used so the RC helicopter pilot can see the runway to be aware of planes taking off right to left (down hill). It is strongly recommended that all helicopter flights make use of a spotter and that all intentions are called out.**
2. **A helicopter pad will be located just adjacent to the pilot box number one (AMA guidelines). No helicopter operations over the main runway.\***
3. **All aerobatics will be done to the north of the runway, no aerobatics over the runway. (Same procedure applies to fixed wing aircraft)**
4. **New helicopter pilots will use the main helicopter pad (one nearest road) while learning to fly rotating wing models and general helicopter operations of hovering, etc.**

\* If not many flying the helicopter pilot can ask to be allowed to fly from the runway if all present agree. Again this is a gentleman's agreement for those present.

These procedures were adopted April 2007 and have been working well members. **FLY SAFE — ALWAYS!**

## SAFETY IS ALWAYS AN ISSUE

Electrics are everywhere and that's a great development members but let's not forget some of the safety issues that come with flying electrics. While your editor has both and is often called a "slimer" in jest (because of the oily slime you have to clean up on the model) he does fly and have both types of models.

There is nothing like the sound of a good four stroke or gasoline engine to add to realism. Yes you can buy audio additions for your electric renditions that have the actual sound coming out of amazing little speakers but many modelers like your editor choose to build

both electric and fuel models some of course do not. So let's get back to a quick review of some key safety issues regarding electrics.

First we all know a lot about propeller safety but the electric props for the most part are thinner and very sharp so this issue is still critical, **take the prop off the electric motor when setting things up.** Our glow engines and gas engines have to be flipped over to start, of course gas engines are easier but that's another safety issue. So when the electrons are there and the throttle is set up the motor can come to life instantly.

Charging lithium polymer batteries is another issue that can be overlooked and taken for granted. The newer batteries are safer and they are getting easier to handle but must always be charged with care and never, never left unattended.

Some of the newer LIPOS can be charged in excess of 1C but many can't so don't over charge. A lithium fire can ONLY BE PUT OUT WITH SAND so your editor and many other modelers charge these amazing batteries in a concrete block some with sand in them. Your editor has a cap on top as well as the bottom and slips his batteries in the end slot found

on concrete blocks. There's a variety of ways you can set this up but take care here. Models have caught fire, vehicles have been destroyed and one report was some one lost a home due to a LIPO fire.

When comparing the cost of buying glow fuel and batteries this writer thinks they are pretty close, very expensive at present.

Gasoline engines are getting smaller and they of course are much more cost effective. You have to choose members but whatever you fly don't forget about safety. **Keep safe in 2010.**

## Chino Valley Library Supported by Our Club

We are in the middle of quite a winter so let's not forget what a great field we have. Part of keeping that field is supporting the community of Chino Valley. As a club we do several small activities each year but one big one we did late in 2009 was our support of the **Chino Valley Friends of the Library** through our TV raffle. **Not only did we benefit,** we are improving the looks of the field (read the meeting highlights) because of this raffle but the children who come to the library are benefitting greatly. A big thank you should go to **Rick Nichols** who spearheaded the drive and sold more tickets than anyone, over 50. Thanks members for a great win-win project.