



**Chino Valley
Model Aviators, Inc**
Official News Letter



AMA Chapter #3798

IMAA Chapter 705

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www.chinovalleymodelaviators.com

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

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Aviation artist *Wiek Luijken's* 1944 rendition of a Spitfire Mk.XIVe tipping a V-1 Buzz Bomb with its wing. The V-1 was on its way to London in WWII. The Spitfire is from the 322 Dutch Squadron. Pilot is Flying Officer Burgwal (19 V-1 kills). The V-1 has no ailerons or system to right itself so crashed.

It only takes five years to go from rumor to standard operating procedure.

-Dick Markga

Support Our Local Hobby Shop



The Safeway Center
Prescott Valley, AZ
MAX & CINNIMON BANDY
THEY SUPPORT OUR CLUB



ARIZONA ELECTRIC FESTIVAL

See page 8.



From the Desk of CVMA President Jay Riddle

We need to all thank *Randy Meathrell* for the great activity schedule for this year. (See page 3).

Notice we have an activity scheduled for each month beginning in April through October.

We of course always fight the unpredictable weather and winds that seem to like cutting across our runway but Randy has the schedule set up so we can easily make up a weather cancelled event. If we have to, we can always schedule two events

on one day should the need arise.

Your board has worked tirelessly planning for our new runway. Phase one consists of constructing a new road around the east end of the existing runway to a new parking and pit area adjacent to the new North/South runway. These areas will be graded, rolled and covered with AB gravel. There will be culverts installed in appropriate areas. The quoted price for this work is \$3,150.00. I can't

tell you how important this is to our club and of course our lease is only \$10 a year and does require us to make improvements.

A new gun range has just gone into an area east above our field over the hills so it looks as if this entire area is becoming a recreational area of sorts.

Our improvements are coming slowly and do entail large costs but by phasing in improvements we can make our field quite an attraction.

MARK YOUR CALENDARS

- Apr. 14 Club's first T-28 race.
- May 12 Club's first combat contest.
- June 23 Club's Second T-28 race.
- July 7 Fun Fly & Swap

CVMA MEETINGS



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

ENGINE FUMES

By Bob Shanks



Since the trip to the Arizona Festival was a blow out on Saturday Randy and his van load of members made a stop at *Ken's Hobby House* in Phoenix where this 1/4 Scale Curtis Type F is on display (below).

What remarkable wood planking went into this model. The fuselage is smooth as glass, it's too pretty to fly it. The plane is an outstanding build with a corresponding outstanding price of \$10,000! The mo-

tor in this display is a model but there is available an operational scale motor to fit this project if a modeler has the money. And it's only money right members?

Thanks to *Rick Nichols* for taking the picture. Your editor was too busy gawking at this model and other items in this really nice hobby shop and left his camera in the van. You get down to Phoenix stop by this shop it's one of the nicer hobby shops in Phoenix.

Photo by Rick Nichols



CVMA MEMBERS Kick In Your Afterburner...



BUILD SOMETHING, BRING IT TO OUR NEXT MEETING!

CONSTRUCTION TIP

Hinge installation is critical. If you are working with an almost-ready-to-fly (ARF) aircraft or are building from a kit or scratch, you will be installing hinges. This is a critical step in model construction. If the control surface binds or has too much of a gap, your baby is going to be a dog and you will have definite control problems.

There are two basic types of hinges: the "living" hinge that is installed using CA glue and the "pinned" hinge that is put in with epoxy. There are advantages and disadvantages to using either type. So consider carefully how you install them and be careful you don't glue your control surfaces so they don't work!

CVMA NEWSLETTER

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President — Jay Riddle

Vice President — Bob Noulin

Sec't. /Treas. — Rick Nichols

Flight Instructor — Randy Meathrell

Safety Officer — Bob Shanks

Board Member — Allan Collins

Board Member — Dennis O'Connor

Newsletter Editor — Bob Shanks

CVMA PILOTS AND THEIR AIRCRAFT



Rick Nichols Little Pitts

Dennis O'Connor's cool gas Pitts.



Al Collins Yak. Al is a great RC pilot.



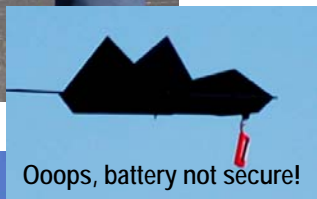
Mark Turner's big gas Mentor.



Chuck Colwell's electric Escapade



Rick Nichol's electric B-2, Randy helped him get it trimmed.



Ooops, battery not secure!



2012 Chino Valley Planned Activities

- April 1st T-28 Pylon Race (April 14)
- May 1st Combat Contest (May 12)
- June 2nd T-28 Pylon Race (June 23)
- July Fun Fly & Swap Meet (July 7)
- August 2nd War Bird Race (Aug 25)
- September Fun Fly (Sept 8)
- October 2nd Combat Contest (Oct 6)
- December Christmas Party (Dec 1)
- As Needed - Embry Riddle Student Project Support
- As Requested - School and Library Programs

CVMA PILOTS AND THEIR AIRCRAFT



Graham Johnson's Fantasy Racer



Bob Noulin and his Gas Pro 260.



Joe Kinchen's Electric Corsair.



Prescott Airport gives club a cool pylon. Perhaps we can use it for displays?



Rick Nichol's foam P-51.



Randy Meathrell Scratch Builds His First RC Airplane From the Past: The Cool 3 Channel Pronto



Randy decided to recreate the plane that helped him learn to fly RC. Nice job Randy!

Ok members, break out some plans and start building. We will have some more winter with days you can be in your workshop constructing that scratch built project you have been putting off.



OUR OWN MEMBER CHRIS MYHRE FLIES HIS SCALE MEDICAL HELICOPTERS AT ELECTRIC FESTIVAL



Photos by Rick Nichols



Chris Myhre, right, on the electric festival flight line flying one of his two scale choppers he took to the 8th annual Electric Festival. Chris, a deputy Yavapai County Sheriff somehow finds the time to build some of the coolest helicopters and fixed wing RC planes. He is indeed one of the most talented CVMA members in our small club. Nice job Chris.

ANDY YOUNKERS PLANE HITS 205.8 MPH AT ELECTRIC FESTIVAL



Photos by Rick Nichols



From left to right, members *Tony Pacini*, *Andy Younkers*, *Chris Corbett* and *Ethan Hughes* Andy's grandson, pose with Andy and his high speed racer.. Andy hit a whopping 205.8 mph at the *Arizona Electric Festival*. Photo at left shows expert racer and member *Tanner Pacini* looking on as Andy and Chris make adjustments. Andy, Tony and Tanner are probably the fastest flyers we have

January Meeting Highlights



The meeting was called to order at 7:00 PM by Vice President **Bob Noulin**. The salute to the flag was led by **Bob Shanks**. Our guest and possible new member tonight was Jim Price. Vice President **Bob Noulin** thanked both **Allan and Ruth Collins** for the work they have done on the new North/South runway.

Bob Shanks our Safety Contact to the AMA reminded members not to arm their electric airplanes in the cabana area. They are to be armed only in the pit area. Bob also told of safety switches that can be installed on electrics.

Flight Instructor **Randy Meathrell** presented **Joe Kinchen** and **Mark Turner** with solo certificates.

Rick Nichols gave the Treasurers report, a motion to approve was made by **Chuck Colwell**, seconded by **Bob Noulin** and approved. Rick read the names of delinquent members. They

will be dropped from the roster and from the AMA listing as club members.

Rick Nichols presented a plan for improvements to the new runway project. This entails constructing a new road around the east end of the existing runway to a new parking and pit area adjacent to the new North/South runway. These areas will be graded, rolled and covered with AB gravel. There will be culverts installed in appropriate areas. The quoted price for this work is \$3,150.00. A motion was made by **Randy Meathrell**, seconded by **Allan Collins**. The motion was carried unanimously.

Show and Tell

Byron Cluckey showed his \$16.00 keychain movie camera and showed the movies that he has taken with it with the camera mounted on his airplane. **Allan Collins** showed his giant 3-D DA-120 airplane, the laminated wood prop alone goes for \$52.00.

Roger Calvert brought his electric foam high-wing airplane made from scratch. It is a no-name airplane. **Chuck Colwell** showed his beautiful P-51 Cockpit and Pilot that he has spent many hours building. **A work of art.** **Max Bandy** brought a Mini Super Cub and **Anylink Radio System**. A real deal at **Valley Hobby** for only \$69.99. **Rick Nichols** showed his new P-51 electric profile airplane. It has been flown and is still in one piece.

Chris Myhre picked up a balsa electric airplane kit **The Shark** at the E-fest and built it. When construction is done the little plane is reported to do speeds of 130 mph. **Don Ferguson** built a foam B-2 bomber patterned after the one **Rick Nichols** bought for \$180.00 at the AMA show in Ontario, CA in January. Don's cost, about \$30.00

Events Director, **Randy** suggested that members purchase foam board from **Dollar Tree** and have a building contest. **Randy** will make a lot of plans available

to members by e-mail. The foam is only a couple bucks a sheet. About 8 members expressed interest in the project. Sounds like fun, jump in and give it a try.

Valley Hobby Shop has their website up and running. Still a work in progress. Check it out. **Valleyhobby-shop.com**

Raffle & Door Prize

The door prize went to **Randy Meathrell**, (again) a Gift Certificate from **Valley Hobby**. **Graham Johnson** won a **Great Planes accu-throw**, **Roger Calvert** won the **GLUE**. **John Bundy** won a battery, receiver and servo set. **Rick Nichols** won a saw, **Bob Nabors** won and engraved bottle of 2 buck wine. **Chuck and Jerry Calvert** won a hardback Spitfire book.

A round of applause was given to **Kris Johnson** for the great refreshments. Respectfully, **Rick Nichols**.



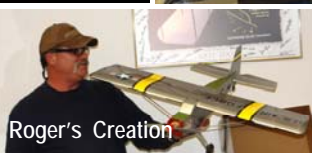
Chuck's P-51 Cockpit



Byron's Mini Cam



Al's BIG Extra



Roger's Creation



Don's B-2



New pilots Joe & Mark



Max's Cub



Chris' Shark



Rick's P-51

SHOP VALLEY HOBBY



Valley Hobby Shop
 .com
 928-775-4071
 Prescott Valley, AZ

Randy Meathrell won the gift certificate . Cool T-shirts with the above logo available.

1942 AIRCRAFT TECHNOLOGY COMPARED TO 2012



Comparison photographs showing the "steam gauge" type instruments in the 1942 Airacomet P-59A cockpit of America's first jet fighter to the F-18 Hornet's heads-up computerized glass cockpit. This is quite a leap in technology for a brief 66 year span of time. There are only six P-59 Airacomets left on display. The latest P-59 restoration is now on display at the March Field museum in Riverside, CA. The P-59 was first flown in 1942.

SAFETY IS ALWAYS AN ISSUE

Winter in Prescott this year has been unusually mild but the mornings are still cold. As a safety reminder batteries don't generally like cold weather so double check them and recycle as needed and appropriate.

Flying with cold fingers is also a challenge. Some RC enthusiasts don't fly at all when it's a little cold. "Hottie" hand warmers are a good idea.

Costco usually carries these. When flying in cold weather one should also realize cold fingers make for difficult controls but not impossible.

This is also the time of year for building and repairing so use some common sense and keep your workshop clean and organized. Your garage or workshop may be cold too but try to keep it as organized as possible.

Don't visit your editor's shop, it is in dire need of cleaning and organization. My excuse is it's cold so I will "get around to it". So far I haven't so don't do as I do. A well organized shop is a lot safer.

We have mentioned before and recently at our monthly meeting the importance of arming your electric planes in the pit

area only. It can be tempting to assemble your model under the cabana and do a quick test but we have people there working on their airplanes and not paying attention to anything but what they are engrossed in so we certainly don't want a model to become active and shoot across the table and either hit you or another member.

When arming your electrics please ensure they are pointed away from you and spectators when in the pit area.

Last month we ran the safety switch device one can use for safety. Just plug into the side

of your fuselage the small deans plug when ready to fly and the circuit is complete. Your throttle should be completely off so when you do plug in the safety plug the plane doesn't jump to life.

Flying electrics is clean and very fun but they do require a different mind set. Glow and gas requires turning the prop to start but when the juice is ready and the battery is charged the motor is ready for power.

Develop your own safety procedures for both types of models. **Fly Safe Members.**

EIGHTH ANNUAL ELECTRIC FESTIVAL SUPERSTITION AIR PARK, MESA ARIZONA



Several CVMA members attended the *Electric Festival* held at the Superstition Air Park, Mesa, AZ. *Randy Meathrell, Jay Riddle, Bob Shanks, Tom Jeffery, Rick Nichols, Ray Block, Don Ferguson and Chris Myhre*, were all there to name those your editor saw at this great annual event. Everything there is electric powered.

Saturday was blown out, a rare windy cold day so many CVMA members didn't get to see much flying unless they came for Friday and stayed through Sunday. Everything was electric. The advancement in electric RC is simply amazing.



Photos courtesy of Red Devil and RC Groups

