



Chino Valley Model Aviators, Inc Official News Letter



AMA Chapter #3798

IMAA Chapter 705

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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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RC support from your spouse is important: Before arguing about the cost get naked first!

Support Our Local Hobby Shop



The Safeway Center
Prescott Valley, AZ
TONY & DONNA PACINI
THEY SUPPORT OUR CLUB

Dennis O'Connor's Beautiful Skyraider



Member Dennis O'Connor's Skyraider he built comes from Zirolì plans. His color scheme is from the Navy VA 85 Black Knights Squadron circa 1957. Power is from a Zenoah G62 3.7 cid.; weight RTF is 32 lbs. The wing span on this beauty is 100". Dennis uses a Futaba 9C 2.4 GHz for control. Paint is from Ace Hardware "rattle cans".

Bryan Jones Electric Staggerwing



At the height of the Great Depression, Kansas aircraft executive Walter H. Beech had a powerful and fast biplane built specifically for the business executive. The Beechcraft Model 17, popularly known as the "Staggerwing" was first flown on November 4, 1932.



STEVE'S STUFF

BY STEVE KILE CVMA PRESIDENT

Hey gang time is running short for our fly in. It is only about 3 weeks away (Sept. 1& 12).

Bring your planes...Bring your appetite...bring stuff to sell...bring yourself. Chino Valley's *Lunch Box* restaurant will be serving lunch and Dennis has bought the dinner meat for Saturday night's potluck. Only \$6.00 per person. Remember if you are coming with your spouse those with the last name initials of A - G to

bring salads. H - O to bring a main dish and P - Z to bring desserts.

All you need to do is have fun. There will be a full contact combat event Sunday. This are for the little foamies only so please no unplanned combat.

We also have a pylon race set for noon on Saturday. Bring your friends tell your friends. (I told both of mine!)

It has been nearly a year and it is time to

think about officers for next year. Remember as I have said the club nearly runs itself, but not quite. So don't be bashful. It is because of all your input and help that makes it possible. This is your club, the board is there to carry out your wishes. So if you have ideas let them be known.

Keep building guys show and tell gets better and better at our monthly meetings. Fly safe.



MARK YOUR CALENDARS

- Aug. 28 Valle Air Show
- Sept. 4 Chino Valle Territorial Days
- Sept. 11-12 CVMA Fun Fly
- Nov. CVMA 4th Pylon Race

CVMA MEETINGS

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

ENGINE FUMES

EDITOR COMMENTS by Bob Shanks

We all know the economy is down and jobs are scarce, however, our membership is holding strong to about 100.

So let's stop and think a moment about how we purchase our parts and "widges".

You have heard me constantly saying we need to support our one and only hobby shop *Valley Hobby*. Well here I am again like a broken record.

Guys we would be up the proverbial creek without a paddle if it weren't for Donna and Tony's shop.

I was told recently about an unnamed modeler who called Donna to ask about a part, she could get, but he wanted to know the part number as he had a vendor on

the line holding. Now how insensitive and illogical. We all know we need to support our local businesses and yes we all buy on-line but our hobby has some special needs and often Donna and her crew can help us find and get what we need.

So if Donna can't get it for you then order on-line. How hard is it to just pick up the phone and call her, Andy or Chris. They are big supporters of our club!

So folks, always call her first, if she can't get it for what ever reason then order on-line, this is what I do. I recently got a kit she couldn't get. She does try to be competitive and often doesn't charge shipping. Read my lips guys "Check with Donna first".

CVMA MEMBERS LIGHT UP YOUR AMBITIONS...

BUILD SOMETHING, BRING IT TO OUR NEXT MEETING!

Embry-Riddle Support

A recent meeting to get ready for the fall term at *Embry-Riddle Aeronautical University* I noticed one of our professors talking about what a great relationship they had with our club since we support the Advanced Aeronautical Design class.

We must thank members **Randy Meathrell, John Stewart** and **Chuck Colwell** for always showing up to critique their designs and help with testing. The parents I talked to the last couple of years are amazed at what we do and our support. Way to go members, an important community support activity.

CVMA NEWSLETTER

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- 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



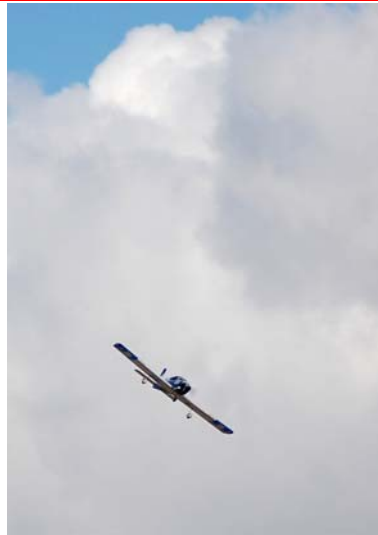
Graham Johnson's flying wing uses a pusher prop.



Gary Ewy's Cherokee.



Skyraider ready to assemble.



Glenn Heithold's Biplane.



Graham Johnson's flying wing with motor imbedded in the fuselage.



Chris Myhre's Electric Hanger 9 twin.



John Stewart helps Tom Jeffrey with his Nitro Planes Aquila.



Chris Myhre's Hanger 9 EP P-51, a perfect main gear landing.



Marvin Jones large Boomerang Sprint with smoke!



Walt Findley's little Nano Boomerang.



MORE "AT THE FIELD" PHOTOS



Bryan Jones electric Vultee racing the monsoon clouds.



Chris Myhre's big Cub.



Graham Johnson and his electric RCM Funster.



Bryan Jones taxis out his Staggerwing biplane.



Walt Findley checks his Boomerang.



Tom Root's Gee Bee Y.



Chris Myhre's Corsair... hey is Pappy Boyington flying it?



Upside down high speed pass!

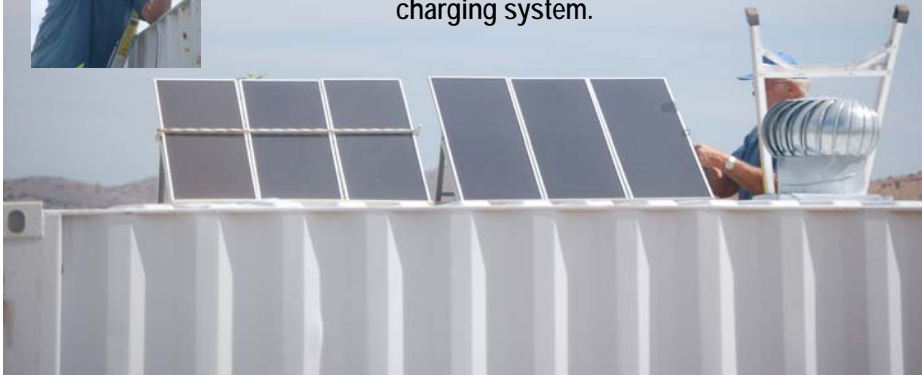


Richard Wright's little EP Pitts.

FIELD IMPROVEMENTS ARE SLOW BUT STEADY DUE TO INVOLVED MEMBERS



Tom Root is installing our second set of solar panels. Thanks to Dennis O'Connor and everyone who put in so much extra time at the field. recently upgrading our electric charging system.



MINGUS SPRINGS CHARTER SCHOOL SECOND AND THIRD GRADERS BUILD FOAM PLATE GLIDERS



Randy and Carol Meathrell, Jay and Barbara Riddle, Bob Shanks and Rick Nichols helped a very polite and enthusiastic group of 40 second and third graders learn how to build the AMA foam plate glider with a penny for nose weight. We met the classes at the Chino Valley Library in the reading room. The kids also got a chance to fly Randy's simulator. Each class flew their gliders at the adjacent park. We had as much fun as the kids!



Canadian F-18 Has a Flameout



The pilot is shown ejecting at a low altitude but survived. He was dragged unconscious for a short distance. The experienced pilot was practicing for an air show. The F-18 apparently had a flameout in one engine.

CVMA MEETING HIGHLIGHTS - AUGUST 2010



The meeting was called to order at 7:00 PM by President Steve Kile. 24 members were in attendance. The Pledge of Allegiance was led by Steve Kile.

Rick Nichols gave the treasurer's. Report a motion to accept it was made by Randy Meathrell and seconded by Bob Shanks.

Dennis O'Connor explained the sign up sheets for the September 11 and 12 fun fly and passed the sheets around.

Steve said that we need a work party before the fun fly to mow and weed and generally clean up the field. The only free date we could come up with for now was Sat. August 21. 7:00 AM. Carol Meathrell said she and Randy would bring coffee and do-nuts. Rick Nichols will notify the members by E-Mail.

Tom Root said everyone was flying safely.

Flight Instructor Dennis O'Connor had no new students this month. Dennis told a story about looking for Bill Lindenthaler's stray airplane.

Rick Nichols gave an up-date on appointing the nominating committee of Bob Shanks and Randy Meathrell for filling offices for the 2011 year.

Randy gave a report on up-coming events. One being the airplane building lesson for children on Aug. 19 at the Chino Valley Public Library and the other being the August 28th air show at the Planes of Fame Museum at the Valle Airport.

Steve Kile brought up the possibility of having another fundraising raffle similar to our flat screen TV raffle we had last year; discussion next meeting.

Bob Shanks reported on Embry-Riddle Aeronautical University and their working relationship with the CVMA. Bob thanked Randy Meathrell, John Stewart and Chuck Colwell or their help with the building programs and ultimate test flights.

Dennis O'Conner got a head count of the members who will be attending the fly-in pot luck on September 11. Dennis would like people with the last name initials of A - G to bring salads, H - O to bring a main dish and P - Z to bring desserts.

Gene Tomek brought his fan-fold Bi-Plane, Bob Shanks showed his flying wing combat plane with a 450 motor. Rick Nichols showed his SE-5 foam bi-plane that was built with a Tom Wells Kit. Chris Myhre showed the interior of his Life Flight helicopter that is under construction. Chris also explained how

you can get discounts when ordering through Hobby King or Hobby City. Chris also showed his new very large Vario 1/4 scale MD 500 Electric 5 blade helicopter that he is starting construction on. It will have a 6 foot Rotor diameter! She's a big one!

The Valley Hobby Shop donation of a flight stand was won by Glenn Heithold. Rick Nichols won a magnetic parts tray, Bob Shanks won 5 minute epoxy glue, Bill Lindenthaler won a \$15.00 Gift Certificate. Gene Tomek won sandpaper, Richard Wright won "extra hands", for soldering, Steve Kile won a fuel pump and Roger Huckins won a motor mount.

A video brought in by Jay Riddle was shown of the Joe Nail R/C Event held last May in South Carolina that Jay attended, thanks Jay!



Bob's combat wing.



Club Hats for sale, see Rick.



Rick's Blue Foam SKE-5.



Gene's EP foam biplane.



Chris is also building a scale cockpit for his other helicopter with pilot. (above)



Chris's big new chopper project. He also brought in the newer Lipos. (above)

VALLEY HOBBY RAFFLE

VALLEY HOBBY

Glenn Heithold won a plane stand.



ALWAYS TRUST YOUR INSTRUMENTS SON!

BRYAN JONES ELECTRIC VULTEE



IMPORTANT LITHIUM POLYMER BATTERY INFORMATION BASICS

Are you currently using LiPo (Lithium Polymer) or are planning to use them with your RC models? Here's some important points modelers need to know about using Lipo batteries. Let's cover some of the basics.

LIPO BASICS

- 1) ONLY use a balance charger designed for LiPo batteries. Charging a LiPo with another type of charger **WILL CAUSE A FIRE**.
- 2) Over discharging (charging to 5% of capacity) will damage the LiPo and likely make it PUFF and/or not perform well for subsequent flights/uses. Newer lipos can be charged up to 5%.
- 3) A properly fully charged LiPo will be 4.20V per cell. Operating a LiPo to 3.0V or less **under load** (no matter what the capacity) can damage the battery.
- 4) Puncturing the outer foil and sealed casing around the battery cell renders the battery into an unusable and often dangerous condition that can cause smoke, heat and/or fire.
- 5) Operating a LiPo above 160F will damage the battery. If it's too hot to touch and hold onto, that's about 140F and likely, your over taxing the battery.
- 6) Lipos don't perform as well when too cold or too hot. Room temperature is a about a good average temperature where Lipos perform well. *Above information is from the following web page:*

<http://www.mycoolrc.com/LiPoInfo.html>

SAFETY IS ALWAYS AN ISSUE

Our AMA journal *Model Aviation* safety writer Dave Gee wrote a great safety item about Lipo batteries in the September 2010 issue.

Since some don't read the magazine as closely as they should I felt this was worth putting into our little rag since so many are using Lipo batteries. We are no exception, we had to install another solar panel array since we have so many using electrons.

He has a picture of a "puffy" Lipo on page 79. Read my little

item but also read his entire column.

Dispose of your old Lipos by gently discharging them using a light bulb or some other slow discharge method. He points out this should be done in a fire proof place.

He then says we should use a sharp object, **not metal** and puncture the pack. Then soak it in salt water to really neutralize the pack. You can dispose of them in the trash as long as they have been neutralized in the above manner.

We must all be super careful with these batteries. The newer ones allow faster charging and they are getting more efficient and reliable but they still are Lipo batteries and can be quite dangerous in your workshop or car.

We all must realize we do have a first aid kit at the field but it probably is not well stocked so it is smart to have your own first aid kit in your vehicle.

Again we need to be more

aware of propeller strikes. Slow down and think, please develop a check list before you fly, it can prevent a lot of problems.

We also need to again emphasize to never fly alone. We do have some nasty rattle snakes in our area besides all the other safety issues we could face at the field.

If you don't read much of the AMA magazine please make a habit to read the safety column.