



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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Keep looking around. In RC flying there's always something you've missed!

Support Our Local Hobby Shop



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

AL COLLIN'S COOL 30% YAK FROM PILOT AIRCRAFT POWER IS FROM A DA-60; PROP IS AN XAOR 24X8



Al's plane is a 30% Pilot Yak purchased through Chief Aircraft. The servos are Hitec 7955 digital titanium geared on all control surfaces. These servos have 322 oz of torque. Two Fromeco lithium battery packs at 2600 mA each at 7.4 volts are used for onboard electrical power. Great flying airplane Al.

NEW CHARGING TABLE NOW INSTALLED

Transmitter side at right and on the reverse (below) is the charging shelf.



See page three for another picture.





From the Desk of CVMA President Jay Riddle

The very first thing I want to do is thank each and every member for coming to the club meetings. We had a great attendance at the last meeting and we got to cover quite a few issues, this is what club meetings are really about. For those of you unable to be there, you really missed out.

Rick Nichols has done it again. He has invited in excess of 30 vendors to be at our September fun-fly. The response has been fantastic so spread the word. This kind of thing really benefits the club. This is not an easy task, but as we all know, if you want something done, Rick is the man to do it. In addition, he has contracted with a new caterer this year. You will hear more about the details in future meetings. And speaking of our fun fly, this year

promises to be the best yet. Our very own Randy Meathrell is in charge of all the flying activity. He has already started work on the plans. We all know how much effort goes into these events, so let's support him in any way we can, a thumbs up to Randy for taking on this job.

Also, this month I would like to talk about the show and tell segment of our meetings. I know some members do not feel this is a productive use of our time. I disagree. In my opinion, the more we all share our projects, our interests, our expertise and our experiences with each other, the better off we are. After all, this is the core of the club and while we all have different interest in the type of planes we build and fly, there is still something to

be learned from others. I want to encourage each of you to participate in this. And by the way, you don't have to bring a completed plane. Many members have interest in building techniques, design issues, electrical systems, power systems, and even finishes. And of course retract systems are every ones interest these days.

Before I end this month's column, I would like to thank several of the member's wives for attending the meetings. Our club certainly appreciates your participation and help, many thanks!

Jay Riddle



MARK YOUR CALENDARS

- Mar. 4-6 GunsSmoke Scale Qualifier, Superstition Air Park, Mesa, AZ
- Mar. 19, 20 One Eighth Air Force Adobe Mountain Park, Phoenix, AZ

CVMA MEETINGS



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



ENGINE FUMES

By Newsletter Editor *Bob Shanks*

Members we need to all thank *Jay Riddle* our current president thanks for his contribution to our club. The assembly tables and now a first class charging table with 14 outlets is just simply amazing.

Our club is so blessed with an abundance of talent. Thanks Jay, you and your wife Barbara make flying RC that much more enjoyable. If you haven't been to the field recently because of the cold weather, make sure you check out these tables. We have pictures on page one and three of this issue showing the new charging table and transmitter rack. All of these tables are steel and powder coated with very durable outdoor carpet to absorb the weather and other RC spills. So members, next time you see Jay at the field make sure you let him know how much we appreciate his benevolence and support of this great hobby. A lot of past

members have contributed to this organization over the years making it a really great club. Thanks *Jay Riddle* for your superb involvement.

Rick Nichols and your editor e-mailed the proposed changes the board is considering with our outdated by-laws and constitution. We will ask you to vote using our new web page bulletin board. If you've read the proposed changes and disagree with anything bring your concerns to our March meeting where we will discuss any concerns. If you have no concerns vote yes on the web page bulletin board.

The health of our club is good with a steady 90 to 100 members each year. We support each other in our building and flying activities offering help and suggestions. We work hard at keeping everyone informed and we have no hidden agendas.

CVMA MEMBERS LIGHT UP YOUR AMBITIONS...



BUILD SOMETHING, BRING IT TO OUR NEXT MEETING!

Attention Members:
2011 Dues Needed

Our club functions primarily on the dues from our membership. So members come to our monthly meeting and bring your checkbook or send dues to *Rick Nichols* our Secretary/Treasurer.

You can contact Rick at his e-mail: ricnich@msn.com

You can also send your dues to our club address:

CVMA, P.O. Box 3616, Chino Valley, Arizona 86323-2715

CVMA NEWSLETTER

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President—Jay Riddle

Vice President—Randy Meathrell

Secretary/Treasurer—Rick Nichols

Flight Instructor—John Stewart

Safety Officer—Tom Root

Member—Dennis O'Connor

Member—Bob Noulin

Newsletter Editor—Bob Shanks

CVMA PILOTS AND THEIR AIRCRAFT

Eric Sauley's Pitts Python



Bob Noulin and his big Stick.



A Ray Stone creation of many plane parts, cool Ray.



This is Randy Meathrell's EDF USAF T-33 on a low high speed pass.



Charging station arriving on Jay Riddle's trailer.

How many members does it take to install one first aid box? Four members?



Club president Jay Riddle has constructed a fabulous charging station.



Alec Barry's P-47.



Rick Nichol's P-47.



Chris Corbitt's version of "How low can you go?"



Elly is watching....

CVMA PILOTS AND THEIR AIRCRAFT



Chris Myhre's Jet Ranger at Sunset

Jay Riddle's Barbie wing walker, what a riot.



John helps George with his super Cub.

Mike Mason's EP Taylorcraft.



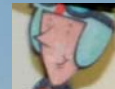
Paul Avery's Hanger 9 Saratoga.



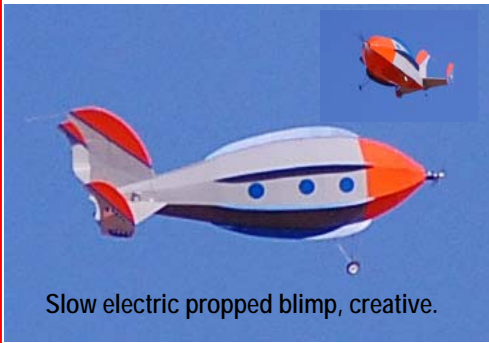
Wes and Chris Corbitt flying together, great father/son team.



Chris Myhre's twin "Deuces Wild" on a low inverted pass.



ARIZONA ELECTRIC FESTIVAL



Slow electric propped blimp, creative.



Large B-17 flies very well.



Foam Spruce Goose.

Our club had a nice representative attendance at this year's *Arizona Electric Festival* held in Apache Junction: *Jay Riddle, Glenn Heithold, Bob Shanks, John Conrad, Dennis O'Connor, Richard Wright, Bob Noulin, Graham Johnson and his wife Kris, and Randy Meathrell.* Other members may have been there but the crowd was heavy on Sat. January 29.

Lots of vendors and displays with constant aircraft in the sky over the Superstition Mountains.



Cool Navy F-86.



Cub with tundra tires.



Jet Hanger Hobbies Recon Mirage.



Nice EDF F-16.



Electric plane invasion!



F-15 Eagle with an 11 blade fan, very quiet.



Noon show.



Foam Concorde.



Electric power rules!

CVMA MEETING HIGHLIGHTS - FEBRUARY 2011



The meeting was called to order at 7:00 PM by President Jay Riddle. Thirty five members were in attendance.

The Pledge of Allegiance was led by Jay Riddle.

New members present was Bob Daniels, John Bundy and an old timer visiting and one of our original founding members, Jeff Hopper.

Jay Riddle reported on the passing of Ray Shouse's wife Patricia. Services will be held Friday. A card was passed around to be signed by the members present. Rick Nichols will deliver flowers to the Chino Valley Funeral Home from the club.

Max Bandy and Cinnamon announced their wedding plans for Sunday February 27 at Watson Lake park and invited everyone.

The members thanked Jay Riddle with a round of ap-

plause for the great tables at the field he has engineered and built.

Rick Nichols read the Treasurers report. Motion to approve by Chuck Colwell, seconded by Randy Meathrell, report approved.

A lengthy discussion was held about the flying patterns at the field. The first remedy is to have a spotter with you when traffic is heavy. It is always a good idea to have a spotter.

The changes to the constitution were discussed. After discussion Jim O'Haver made a motion to allow votes either for or against be allowed to be made on line, via our website bulletin board. The motion was seconded by Bob Shanks and was passed with 5 negative votes.

President Jay Riddle gave a report on our progress with the town in obtaining a 15 year lease and more property. Things are looking favorable and should come before the town council on March 8th.

Randy Meathrell reported on the P.R. work that Rick Nichols did at the E-Fest to attract vendors to our September Fly-In.

The Door Prize donated by Valley Hobby, our main sponsor, went to Lee Taylor. It was a X-miter Case.

Bill Lindenthaler won a Valley Hobby Gift Certificate. Doug Miller won a Prop Balancer and John Bundy won a Ball Driver.

Jay Riddle announced that he has made arrangements with Guidance Aviation for our members to participate in Free Simulator time at the airport on Wed. February 23rd from 2:00 to 5:00 PM. 20 minute airplane rides will be also offered for \$49.00.

Bob Shanks will work on setting up a tour of the Crash Site reproduction area at Embry Riddle for a later field trip for the club members.

Bob Shanks brought his mini

electric ugly stick, Bob Noulin showed his home-made wing carrier system. Don Ferguson showed his foam P-38 that his is building and also his beautiful electric C-47.

Chuck Colwell showed a pilot doll and their clothes that he has been buying on E-Bay, (our president Jay Riddle also participates in this doll hobby). Chuck also showed his very detailed P-51 static model.

Greg Welch showed his E-Flight Taylorcraft ARF. Randy Meathrell showed his Spitfire that should have been a Corsair, (Corsair is back ordered). Graham Johnson brought his new S-Bach 3-D plane and Lee Taylor showed his electric Helicopter that is a work in progress.

The members thanked Barbara Riddle for the great refreshments.

President Jay Riddle and closed the meeting at 8:30 PM



Bob made wing bags out of insulation sheets.



Don's foam P-38.



Bob and his GWS slow stick combat ship.



Chuck Colwell with his small pilot and P-51.



Don's C-47



Randy's Spitfire.



Greg's cool Forest Service Taylorcraft.



Lee Taylor's cool electric helicopter.



Max and Cinnamon announce their wedding.



Graham's big S Bach.

VALLEY HOBBY RAFFLE

VALLEY HOBBY

Embry Riddle student and member Lee Taylor won the transmitter case. Lee is also a Navy veteran, thanks for your service Lee. Activities Director Randy Meathrell presented.



John Stewart's Big T-6 Pilots, "Let's Fly"



BYRON CLUCKEY'S 41" EDGE 540



This little 3D Hobby jewel is lightly constructed but flies well.

A RICK NICHOLS PROJECT



Don't throw away old plane parts. This is Rick Nichols 3-plane creation; it flies great.

SAFETY IS ALWAYS AN ISSUE

In the meeting highlights on page 6, you can note we had a lengthy discussion about flying and how we have folks landing both ways with no race track formation. There are lots of safety concerns with this but since the field is laid uphill we have members who won't take off or land into the wind because they don't want to land left downhill. We do all try to loudly let our intentions be known but we sometimes have folks landing while others are

taking off against the landing declaration.

Since we are planning a new runway and possible reconfiguration of our parking lot and cabana, this may be a short lived problem. **However, it was decided when the field is busy to have everyone use a spotter.** We will only allow one pilot in each pilot box flying. So members take turns. Always consider a spotter as this is just good safety sense. **If you have a hearing problem, and a lot of us do, always ask one of**

the spectators to spot for you whether the field is busy or not.

Another safety reminder, use the transmitter rack, not only does this protect your equipment but it allows others to see what radios are in use as we still have a lot of members on 72 megahertz. Always use a transmitter pin and put your membership card on the frequency pin board on the appropriate frequency pin slot whether you fly 2.4 gigahertz or 72 megahertz, and use the pin.

Review our rules from time to time, they are posted on the new web site. Your editor has often has published these rules in this little "rag".

Also review the AMA guidelines, they are posted just adjacent to the charging station, take a few minutes out and read these, they are on a huge poster attached to the fence. Stay informed and abreast of what's going on; be safety aware and **fly safe members.**

See you at the field.

*STEARMAN FLYOVER: LAKE HAVASU BALLOON FESTIVAL
PT-17 IS AN OUTSTANDING RC SCALE PROJECT*



Model Aviation's
Frequently Used
Abbreviations/Acronyms *

AMA	Academy of Model Aeronautics	FF	Free Flight
ARF	Almost Ready to Fly	GHz	gigahertz
BEC	Battery Eliminator Circuit	ID	inside diameter
CA	cianoacrylate glue	Kv	rpm/volt
CAD	computer-aided design	kV	kilovolt (1,000 volts)
cc	cubic centimeter	LCD	Liquid Crystal Display
CD	contest director or compact disc	LE	leading edge
CG	center of gravity	LED	light-emitting diode
CL	Control Line	Li-Poly	Lithium Polymer
cm	centimeter	mA	milliamperes
cu. in.	cubic inch	MA	Model Aviation
dBA	DeciBels Adjusted (noise power calculated in dB [decibel])	mAh	milliampere-hours
DT	dethermalizer	MHz	megahertz
EPP	(foam) expanded polypropylene	mm	millimeter
ESC	Electronic Speed Control	Nats	AMA Nationals
EPS	expanded polystyrene foam	nitro	nitromethane
FAA	Federal Aviation Administration	Ni-Cd	Nickel Cadmium
FAI	Fédération Aéronautique Internationale	NiMH	Nickel Metal Hydride
FCC	Federal Communications Commission	OD	outside diameter
		RC	Radio Control
		rpm	revolutions per minute
		RTF	Ready to Fly
		SASE	self-addressed, stamped envelope
		SIG	Special Interest Group
		TE	trailing edge

BALLOONS FLY TOO; SLOWLY!

Lake Havasu Balloon Festival
Jan. 2011

* As seen in the February Model Aviation magazine page 83.