



AMA Chapter #3798

Chino Valley Model Aviators

Official News Letter



March 25, 2016

Volume 19 Issue 3

www.chinovalleymodelaviators.org

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

Dennis O'Connor's P-47 Thunderbolt



Dennis O'Connor's P-47 is an ESM ARF (no longer available in this scheme) WS is 71 " weight is 16 lbs. and is powered by a DLE 30 gas engine. Speed in level flight is 101mph and 116 in a dive. The fuselage is fiberglass with balsa wings and has electric retracts.

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"Two things are infinite: The universe and human stupidity. And I'm not sure about the universe!"

Albert Einstein

John Stewart's Gas Powered Nieuport 28



John's Nieuport has a wing span of 80 inches, weights fifteen pounds and is powered by a Zenoah G26cc gasoline engine. It is a Balsa USA kit John got from Sparky Thornton. She flies and lands very scale-like. It has one machine gun on left side.

Support Our Local Hobby Shop



The Safeway Center
Prescott Valley, AZ

MAX & CINNIMON BANDY

THEY SUPPORT OUR CLUB

Please support them as well.



Mike's Blue Baby

Field Chatter from CVMA President, Michael Kidd: No Kidding!

Well, we are on our way to getting the parking area covered with gravel. Rick Nichols made arrangements with Chino Valley Public Works to grade or us.

The grader was out Tuesday for about 2.5 Hours and graded our driveway from the gate up to the upper parking area. Also, a small drainage ditch was cut on the

South side from the bank at the upper end down past our unloading driveway and cut towards the ditch on the South fence.

We hope this will take care of the mud runoff we get from the East end of the parking area.

Also, we had bit more cut from the area North of the runway. I had the grader cut two blade widths. This was about all

that could be done as we were told they could only be out for a couple of hours.

You can see some pictures on page five of this issue that Rick Nichols took. This is a massive amount of work one little tractor cannot accomplish.

[We do appreciate all that the City did, Thank you City of Chino Valley Public Works.](#)

Make sure you read

about our \$500 gift card you can win through just being a good active member. See page nine of this issue for the rules.

Also, make sure you change your calendars, our Jet Meet dates have changed. Your editor sent out the new events calendar to everyone with the change. See you at the field.



Member Reminder

We have over 100 members so wear your name tag when flying at the field.

This helps us all get to know everyone better.

CVMA MEMBERS Kick In Your Afterburner...



BUILD SOMETHING, BRING IT TO OUR NEXT MEETING!

Can You Identify This Aircraft?



On display at ERAU Prescott Campus

See Page 8

CVMA NEWSLETTER

Published Monthly

AMA Chapter # 3798



- President — **Mike Kidd**
- Vice President — **Jack Allen**
- Treasurer — **Don Crowe**
- Secretary — **Bob Steffensen**
- Safety Officer — **Charlie Gates**
- At Large Members — **Bob Noulin**
Randy Meathrell,
Walt Findley,
- Newsletter Editor — **Bob Shanks**
- Activities Director—**Don Ferguson**
- Chief Flight Instructor—**Steve Shephard**

MARCH'S CLUB MEETING HIGHLIGHTS



Dennis O'Connor's P-47

Members opened the meeting at 7pm with pledge lead by Bob Shanks. New member (today!) Greg Clark introduced himself. Greg also won the raffle for the YAK55...way to go Greg, welcome aboard.

Minutes for February 2016 meeting approved with corrections to attendance numbers. President Mike provided the following agenda items: the AMA continues to work for us on the "UAS" regulations that have us all befuddled, they are lobbying Congress to reinstitute and strengthen the Special Rule for Model Aircraft through the Aviation Innovation, Reform, and Reauthorization (AIRR) Act.

Continuing Business:

Preparations for gravel on park-

ing lot continues; Don Ferguson assisting with his tractor and the city grader out to smooth parking lot and road, as well as some ditching to handle storm runoff. Club will need volunteers to facilitate weed control on Friday the 25th, get out to help and earn a ticket for the Grand Prize Raffle. Vice President Dennis O'Conner has repaired the large table with TREX decking, thanks Dennis.

Treasurer Don Crowe's Report: was provided to members and approved with one nay (Jay Riddle...as usual). We have 111 paid members to date. Don also said that the Grand Prize Raffle for a \$500 gift card at 2016 Christmas

Party was on, rules on page nine of this issue.

Charlie Gates Safety Report: Always taxi in and stop parallel to runway, outside the pilot's position barrier and watch for snakes when you are retrieving errant aircraft that went out of control.

President Mike Kidd has one new pilot ready to solo.

Don Ferguson Events Report: Don noted a change to the event schedule with a move of the Jet Rally to week earlier than originally scheduled, updated schedule was emailed by your newsletter editor. We broke at 7:38pm for coffee/goodies provided by Larry Parker, thanks Larry, and resumed

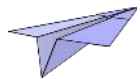
about 8:00pm after *President Mike Kidd* vacuumed up our crumbs.

Show and Tell:

Ray Stone showed us his complex "erector set" that looks like a unique 1911 Curtiss Bi-plane; *Rick Nichols* talked about his really "short" kit for a Q-T; *Don Ferguson* showed off the fine looking P51 that he won at a previous raffle; *Don Crowe* displayed his Savoy 342; *Glenn Heithold* brought in his project YAK11, built from scratch/photos; *Rudy Arp* showed us his Hobby King Slick 55.

Meeting adjourned 8:22pm. Respectfully,

Bob Steffensen
CVMA Secretary



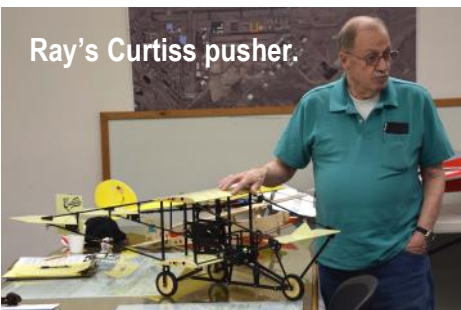
Glenn's Yak-11



Terry Steiner won the door prize.



Rick's Slow Stick with floats.



Ray's Curtiss pusher.



Don's Savoy 342.



Rudy's Slick 55.



Don's P-51.



Rick's short kit QT.

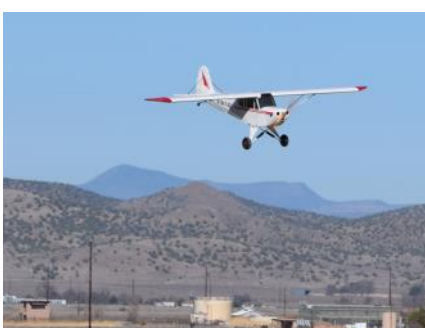


El Presidente Kidd's other duties?

CLUB PILOTS AIRCRAFT AT THE FIELD



Allan Stephen's 42% Super Cub with smoke.



Alan Stephen's 42% Super Cub now owned by Jay Riddle.



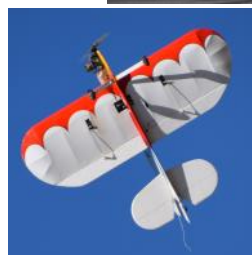
Greg Daebelliehn's profile Gee Bee.



John Stewart and his Nieuport 28 on a fly-by.



John gets some help cleaning up his Nieuport 28 from Frosty Wells.

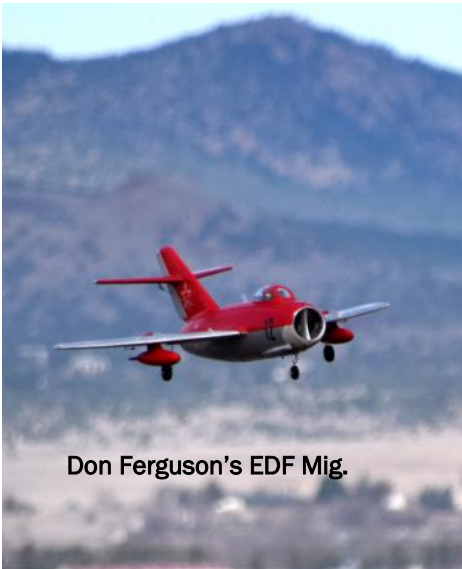


(L) Greg's profile under view flying overhead.

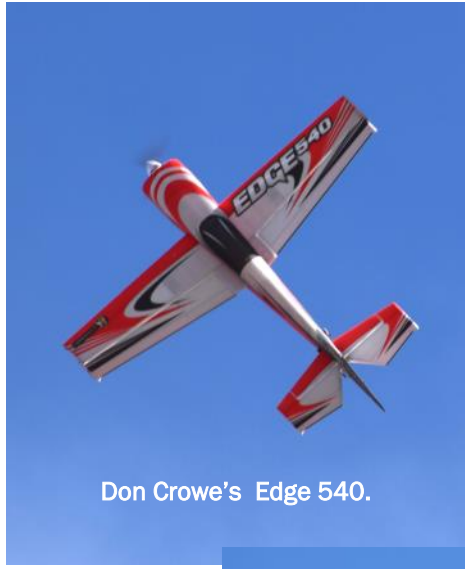
CLUB PILOTS AIRCRAFT AT THE FIELD



Don Crowe's Aero Sky Extra 330 SC.



Don Ferguson's EDF Mig.



Don Crowe's Edge 540.

Don Ferguson's EDF Cobra in a low level loop, he bounced on the runway and lost his battery for balance; believe it or not no discernable damage.



Mike Kidd's EP Cub.



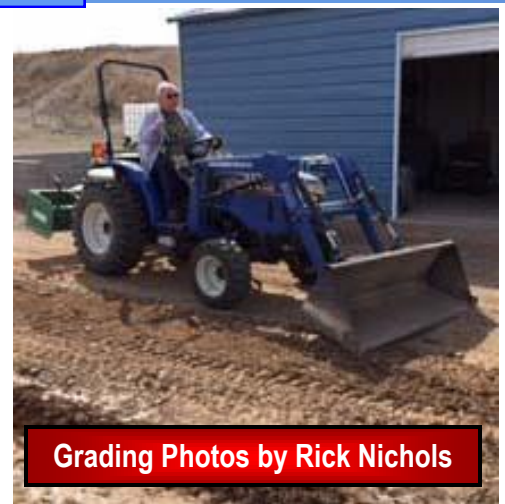
Don Crowe's blue beauty is a 55" Aero Sky Extra 330SC foamie with a 3300 4 cell battery powering the Tacon Big Foot 32 motor (7770 KV). Don uses a Turnigy Trust ESC and Hobby King servos.



Don Ferguson on his tractor Grading the run off-sand from the cabana drive way. Thanks Don!



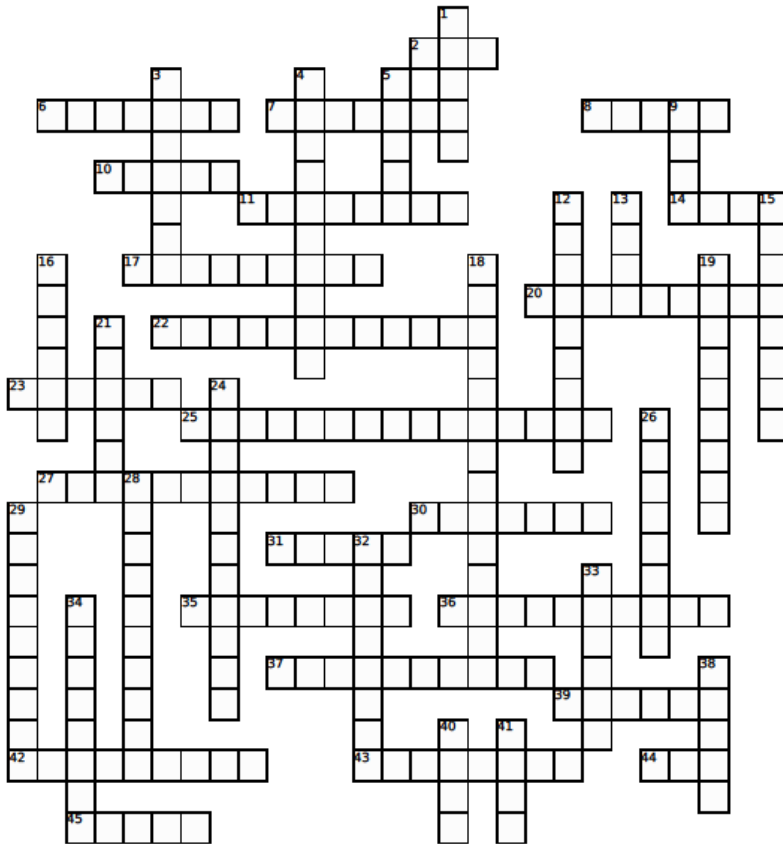
Field work continues with grading by the city and members.



Grading Photos by Rick Nichols

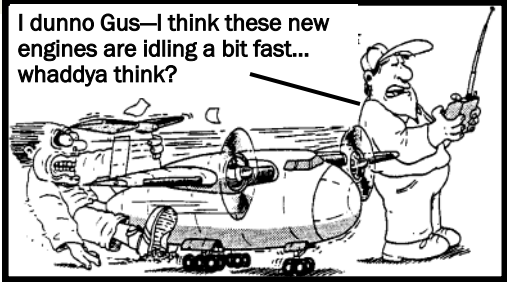
CVMA Crossword Puzzle

by Don Crowe



Created with TheTeachersCorner.net Crossword Maker

I dunno Gus—I think these new engines are idling a bit fast... whaddya think?



Congress Working to Strengthen Special Rule for Model Aircraft

The AMA shared some good news via email to all members.

On Thursday, February 11, 2016, the Transportation and Infrastructure Committee in the House of Representatives passed the [*Aviation Innovation, Reform, and Reauthorization \(AIRR\) Act*](#), which preserves and strengthens the Special Rule for Model Aircraft.

The AIRR Act is a strong bill that the AMA is proud to support, but Congress isn't done with it yet. The House of Representatives still needs to vote on the AIRR Act and the Senate still must work on its own version of the bill. AMA has been actively advocating for its members' interests on Capitol Hill, and will continue working with Congress on additional changes to further protect the hobby.

Across

2. Kadets and Senioritas
6. Makes the Sensei and Calypso
7. AMA waiver required
8. Makers of the 342
10. Hardware maker
11. A conical textile tube
14. The big O
17. Father of prince, an online e-tailer
20. When the engine stops running
22. A tall narrow e-tailer
23. A Japanese company founded in 1948
25. ESC ... Where a King is born
27. Aircraft that are better
30. A rolling maneuver or jump jet
31. Expiration date achieved
35. Wobbly Goblin maker
36. Some call it a stall turn
37. Four helicopters
39. Data thief
42. Flying sideways
43. The one covering

Down

1. Not low tech
3. This company misspells hobby
4. A favorite of Castro
5. Slimer juice
9. Engine cover
12. Named after WWI German aviator
13. Société Pour L'Aviation et ses Dérivés
15. Manufacturer of Ultra Micro Series
16. Makers of huge glow engines
18. What DA is
19. The fork tailed devil
21. No balsa here
24. Our LHS
26. Flying hive
28. Beginner plane
29. Sooner or later, everybody owns one
32. Radio gear maker
33. A CVMA pylon fave
34. Not the bottom of flight
38. Taranis manual
40. Propeller co. *(Answers in the April issue.)*



Mig under the moon!

MARK YOUR CALENDARS

CVMA 2016 EVENTS

May 7	Gymkhana I Fun Fly & Swap meet
June 3-4	Steve Crowe Fun Fly
July 9	Gymkhana II Fun Fly & BBQ
August 27	Pro War Bird Pylon Race
Sept. 22—24	Thunder (Jets) in Chino Valley
Oct. 21-22	CVMA Electric Festival Fun Fly

BORN IN A BARN?

IMPORTANT NOTICE:

IF YOU ARE THE LAST ONE TO LEAVE THE FIELD —

PLEASE REMEMBER TO LOCK THE GATE.

If you brought it take it home, we have no trash cans at the field, let's all work to keep our field as pristine as we can.

SAFETY: ALWAYS A CRITICAL ISSUE

If you read our meeting minutes in this issue, you know our safety officer *Charlie Gates* mentioned that when taxiing back to the pits after a flight to shut down your plane parallel to the pits, not pointed into the pit area.

Your editor has been reminding members about this in the column on and off for a number of years. Seems a few years ago a pilot lost control of his plane and it shot into the pit and hit another member in the leg who had his back to the runway working on his plane. Thank goodness he had on jeans and not

shorts, all that resulted was a torn pants leg. Of course the pilot had to go home and change his shorts!

Your editor has noticed when at the field flying that all members are doing a very good job of calling out intentions, "landing", "coming out", "taking off" and "on the runway". Members are now much better letting other know they are landing and which direction they are coming in, "landing down hill" or "landing up hill". Good safety procedures.

If you read regularly the safety column in our *AMA Journal Model Aviation*, this months article had

information, again, about the dangers of propellers. Neve arm your electric plane under the cabana. We don't want anyone getting sliced up with an unintentional power surge. Many members, when using the tables in the pit area also have their planes pointed toward the runway. The larger glow and gas planes have some good stops but just always be aware of the prop arc.

Insure all of your props have white tips or a contrasting color to help see the spinning arc when running.

Warmer weather is here so review your safety procedures when flying.

Name That Plane: Boeing Canard Rotor/Wing (CRW) X-50 Dragon Fly



planned test flights, ship 2 was completely destroyed in a crash at the Yuma Proving Grounds on April 12, 2006. Subsequent investigation revealed that the aircraft's fuselage was subject to an aerodynamic pitching moment of extreme sensitivity.

Despite its issues, the X-50 aircraft was unable to achieve transition to full forward flight mode during many portions of the test flight program that were completed. In September, 2006 DARPA recognized the inherent design flaws and withdrew funding for the program.



The Army, Navy and Marine Corps have a need for affordable, survivable, vertical take-off and landing (VTOL) air vehicles to support dispersed units in littoral and urban areas. The Canard Rotor/Wing (CRW) program explores innovative VTOL technologies and concepts with the potential for significant performance improvements that would satisfy stressing mission needs. One such concept is the advanced Canard Rotor/Wing (CRW) aircraft that offers the potential for a high speed rapid response capability from a VTOL unmanned air vehicle with significant range and stealth improvements as compared to other VTOL concepts. Design and fabrication of this scaled vehicle concept will validate the command and control, stability and control system and aerodynamic performance required for vertical take-off, landing and hover via a rotating center wing that stops and locks in place for efficient high speed cruise.

On 04 December 2003 the Boeing Company's Canard Rotor/Wing (CRW) concept demonstrator completed its first hover flight at the U.S. Army Proving Ground in Yuma, Ariz. During the flight test, the CRW advanced technology demonstrator - known as the X-50A Dragonfly - flew for about 80 seconds at 8:10 a.m. MST. It lifted off vertically from the launch site to an altitude of 12 feet above the ground, hovered and then vertically landed, commencing the flight test program with DARPA (*Defense Advanced Research Projects Agency*).

During the third flight of the prototype X-50A, on 23 March 2004, the vehicle crashed, as a result of cross-coupling in the controls. A second, improved prototype ("Ship 2") was then built. On its sixth of 11

Member Projects



Bob Colliani with his Hobbico Nexstar trainer.



Dane O'Brien's Krill 31% Extra 330 powered by a DA70 twin with Savox servos for flight control surfaces.

**CVMA Members Support Our Club
Grand Prize: A \$500 Gift Card**

**CHINO VALLEY MODEL AVIATORS
GRAND PRIZE RAFFLE RULES**

1. Open to CVMA members only
2. Members earn tickets throughout the year, beginning 16 March, 2016.
 - A. Attendance at monthly meetings (1 ticket for each meeting)
 - B. Event participation (1 ticket for each event)
 - C. Clean-up party participation (1 ticket for each clean-up party)
 - D. Christmas party attendance (5 tickets for each paid person, excluding other members)
 - E. Other ways to earn, has to be available to all members? (website or newsletter article, event volunteer)
3. Ticket earnings will be tracked by the club secretary and posted on the club website each month.
4. Ticket earnings of Secretary must be validated by President or Vice-President.
5. Tickets will be issued at the Christmas party.
6. Winner need NOT be present to win.
7. Raffle during Christmas party will be winner takes all, one grand prize.

A Typical CVMA Jet Man

