

Dawn Patrol! The new Dawn Patrol event, featured elsewhere in this issue was a huge success. Lots of great models ranging from WW1 thru the golden age were out in force having a great time. Huge thanks to Michael Radu for spearheading this effort, he even fabricated and 3d printed the awards for this event. Each award was unique and will be items that will be displayed with pride in their new homes! A great time was had and the event was financially successful, netting almost 900 dollars for the day. Big thanks to Ben Ponzo and Robert Sanchez for keeping the snack shack cooking throughout the event.

The Gate: OK, time for a little refresher. For those that know, thank you for tending to the gate and making sure that the gates to the site are operated safely and correctly. For those that MIGHT not know, here are some things to always remember. And even if you haven't opened the gate because its already open, please take note, and perhaps make the correction if needed. Help educate others at the field if you can as well.

1. When you arrive to open the gate, open the lock using the club code. Please re-lock the padlock

Prez Sez
General Meeting Minutes
Board Meeting Minutes
Dawn Patrol and Golden Age
Modeler's Corner
Upcoming Events

Jeff Lovitt
Mike O'Kane
Mike O'Kane
Rich Geertson
Rich Geertson

The WDA General meeting will be Monday Sept. 12 @ 7pm at the Round Table Pizza
Party room, 421 Pioneer Ave, Woodland. Check the website for any changes.

wdarc.ord

onto the chain by spinning the combo and pressing the hasp in firmly. Pull on the lock to make sure it set. Then, open BOTH gates and be sure to use the light gauge chains to hold BOTH gates to the pipe tie backs on each end of the gate travel. This makes sure the gates are open enough to allow for all vehicles to travel and prevents them from being swung by the wind.

2. When you leave, close the gates, unlock the padlock, connect the padlock in series to the chain links (do not lock out the SMUD lock that's in the daisy chain). Again, apply the code, lock the padlock to the chains and spin the code. CHECK TO MAKE SURE THE HASP IS SET!!! Give it a tug!

Thats it! The reason we are bringing this up is that we have seen an increasing frequency of gates being left open with nobody in the site. This presents the opportunity for vandalism and for improper use of the site and this puts all of us at risk. There's no reason for it. If you are the last one out, you know what to do. If you aren't the last, make sure the last person does know what to do. Make sure they are a member, look for their member card which should be visible on their hat, shirt etc. Member cards should be visible at all times. We've seen the lock/chain left in the dirt, so we've wired the chain to the gate so that doesn't happen. We've seen the gates left swinging, we've seen one gate opened and the other left closed. We've seen all steps done correctly, but the lock is not latched an the combo is left ON! Always spin the combo or it will not latch. Always open both, always tie them back.

We are headed into Fall, which should mean milder temps and the best flying weather of the season. The conditions are still quite dry, so please be very careful out there.

That's all for now, see you at the next meeting at Round Table! Bring a show and tell!

Jeff

# General Members Meeting August 8, 2022 Meeting location: Round Table Pizza, Pioneer Ave Woodland CA

Board Members present: Jeff Lovitt, Forrest Barton, John Eaton, Mike O'Kane, Chris Dellinger, Dan Winters, Keith Young and Doug Barton.

Meeting called to order by Jeff Lovitt. 2 general members present.

Treasurer has financial statement available at the meeting. Net income from 7-8-22 to 8-8-22 was <-1007.88>. Total expense <-1,353.12>, net income \$345.24.

The Club members need to be reminded that Dogs must be on a leash when brought to the Club Field Membership is at 92.

Art Williams will continue as Field Maintenance coordinator, but will need help due to health reasons.

Pumping water from the slough has been a chore, pump is not currently providing a consistent water flow for irrigating the control line/runway grass.

**Update** A gas powered  $1 \frac{1}{2}$ " pump has been added to the siphon side of the pump and has provided enough boost to allow the electric pump to provide adequate volume for irrigating. Watering the u-control circles and the RC grass runway is providing good results, closing the cracks

Tileston House workday that was planned for July 23<sup>rd</sup> took place. Membership turnout was dismal, follow-up work planned on August 20<sup>th</sup> was cancelled. House is being considered for sale as-is. John is reaching out to realtor and will provide an update.

Artificial turf was discussed as a possible option for a grass runway running the full length of the matted runway and 30' wide. Cost study is underway to understand the expense and scope of a project this size.

**Show and Tell:** Forest Barton brought in a Lockheed Viking S-3 ARF, this model is 1 of 10 prototypes built, 70mm fan with 6s battery. Gear is from the e-flight F-16, weight unknown. Currently working the gear doors for sequencing. (*see picture next page*)



Doug brought in a SIG Magnum u-control originally built by Bill Par. Model has foam core wings and foam horizontal stab. Weight is 68 oz and is powered by an OS50FSR engine, model has 5 flights.

Next General meeting date is September 12, 2022 at the Round Table Pizza Party room located at 421 Pioneer Ave, Woodland, CA 95776. Meeting time is 7pm. This restaurant was used for the July Club meeting. Good things to eat and plenty of room.

The next Board Meeting will be via ZOOM on September 8, 2022 at 7pm.

Meeting adjourned.

#### Board Members Meeting August 4, 2022 ZOOM meeting

Board Members present: Jeff Lovitt, John Eaton, Mike O'Kane, Chris Dellinger, Danny Winter, Bill McGaughey and Doug Barton Meeting was conducted via ZOOM on August 4<sup>th</sup> at 7pm

Meeting called to order at 7:11pm

#### Discussion

2022 Membership is at 92

Both U-control events have been cancelled due to lack of water and poor control circle quality.

Income for 7/8 thru 8/8was \$345.21, expenses \$1111.54 net income for the month after expenses is minus \$1007.00.

A water pipe to tap some of the water in the slough will be installed and a small tarp dam constructed at the pickup point. As of 7-21 the water draw has been intermittent, work on the pump continues. Update a gasoline 1 ½" pump was added to the suction line and is providing boost to aid the electric motor pump lifting water up from the low point in the slew, so far it seems to be working.

Tileston Home Pool will need considerable repairs to make it a usable pool. Central heating/air-conditioning in good shape, home is being occupied full time. Consideration given too selling the house as is due to cost of renovating to make it rentable. Work party is being organized for 7-23-22 at the house to continue clean up, members are urged to pitch in. Follow-up work day is scheduled for Saturday August, 20<sup>th</sup>.

**Update** August 20<sup>th</sup> work party was cancelled, after discussion the Board has decided to sell the home "in an as is condition" Item open.

8-8-22 Annual operating budget. Income and annual expenses are being evaluated for upcoming discussion. A Motion for developing new annual membership dues equitable to all members based on the annual operating cost of the field. 2<sup>nd</sup> John. Item discussed and tabled until the next meeting. Open item.

**Update** The average annual operating cost looks to be around the \$13,000.00. This number does not include any capital improvements, strictly tax preparation and filling fees, fuels, repairs, rent, inflation, etc.

Bruce Watts is donating a pair of small farm type tractor to the club. Motion to accept the donation was made, 2<sup>nd</sup> provided. Motion was unanimously approved

Art Williams has agreed to continue managing the Field Maintenance position but will not be doing the heavy work he previously performed.

The SVSS has agreed to allow WDA the use of the Not-for Profit bylaws that was developed at a cost to SVSS Club. For the Not-for-Profit portion of these by-laws WDA will pay \$300.00 fee and incorporate these changes into the Club current by-laws. Motion was made to approve the \$300.00 fee, 2<sup>nd</sup> was provided and the motion was approved by unanimous vote.

Next Board Meeting via ZOOM is set for 7:00pm Thursday September 8th @7:00pm

General membership meeting at the Field on Monday evening August 12<sup>th</sup> @ 7:00pm. Meeting is at the Round Table Pizza party room on Pioneer Avenue.

Meeting adjourned @ 8:02p

## DAWN PATROL and Golden Age FLY IN



August 6th marked the first annual Dawn Patrol and Golden Age Fly-In for WDA. The event is the brainchild of Mike Radu, who also CD'd and organized the fly-in, as well as creating some fantastic TROPHIES and supplying some great raffle prizes. While non-competitive, after seeing the unique trophies Mike had created, I have a feeling most pilots were vying for recognition of any kind!

Weather was mostly superb for the entire day, although some thermal activity (due to the heat) came and went. With so many of us sporting tail skids, take-offs and landings were a



challenge on the petromat. Unfortunately, the adjacent grass was very dry and replete with large cracks just waiting to grab a wheel!

During the noontime break, we all lined up our models on the runway. SO MANY fantastic creations on display! Many thanks to Ben Ponzo, **BBQ grill extraordinaire**, and Robert



Sanchez, who manned the Snack Shack.











Honorable mention: Although we did NOT get any pictures :-( - at one point during the fly-in, we had FIVE Fokker DR-1s in the air at the same time!! Pretty impressive considering it is unusual to see even ONE DR1 airborne!

Bo Ponzo with the newest addition to the family, HARLEY!



Worth a second look, David Pippen's spectacular and huge Sopwith Triplane, entirely scratch-built. David says he worked on it for 7 years! Power is a Valach 120cc four stroke opposed twin. The Valach is hidden behind a dummy Clerget 9 cylinder rotary engine mounted on bearings such that the propeller blast causes it to spin just like the real thing! We hope to see David's Triplane flying at next year's Dawn Patrol.

#### Some stats from the event:

- Registered Pilots 31
- Some came from as far as Reno and one from Oregon.
- 30% were Golden Age
- 60% were WWI
- Some brought planes of both types.
- One crash of a Nieuport 28 in the field.
- There were nine awards given out.
- No problems or issues for the entire event.



Rich Geertson

# Woodland Davis Aeromodelers Events for 2022

Wings of Victory • Sept 2-4

Meet n' meat Control

**Line Competition** 

**Pattern Contest** 

**Float Fly** 

. Sept 23-25

. Sept 24-25

. Sept 30-2 Oct

# Modeler's Cornel

Case in point: Do I want a sliding or fixed canopy? Considering I intend to have a fully detailed cockpit, being able to open the canopy is a MUST. How about all those pictures of Wildcats flying with the canopy open? Indeed.. Wildcats were operated in every theater of WWII, but predominately in the Pacific under hot and humid conditions. Many pilots left the canopy open at lower altitudes where cockpit heat was excessive. Many would open the canopy when descending to land, not only to alleviate the heat, but provide an unobstructed view of the carrier deck as they flew the pattern ... wouldn't it be cool to open the canopy in flight, just like the real thing?

So I set out to make mine remotely operational.

As they say in scale modeling circles: "You're never actually DONE with a scale model; you simply decide it's time to stop." While I am not even remotely close to finishing my Wildcat, decisions must be made all along with the way that pertain to the level of detail to be achieved in the final product.



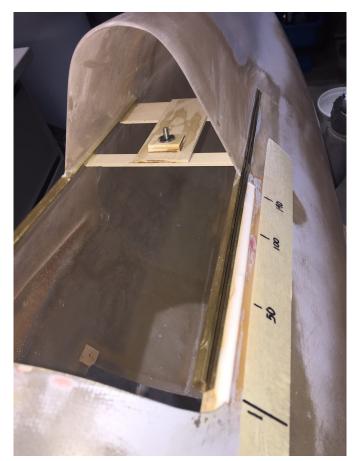
This required that I first make the canopy assembly, consisting of TWO clear canopies: One functions as the canopy/window portion while the second canopy is cut out to match the canopy frame structure, which is then glued over top of the clear canopy portion.



Once I had the canopy assembly, it was time to tape off all the clear plastic "glass" to protect it from priming, painting, and handling.

I acquired a "sliding canopy kit" from Ziroli models. This "kit" consisted of two slotted rails, 4 ball links, and a piece of paper with 4 images of sliding canopies. The concept of making a sliding canopy is relatively simple...but the devil is in the details! LOTS of measuring PRIOR to cutting into the fuselage for the rails! Filing, sanding, fitting, etc. IF the rails aren't positioned properly, then right out of the gate, the canopy has little hope of sliding smoothly or easily.

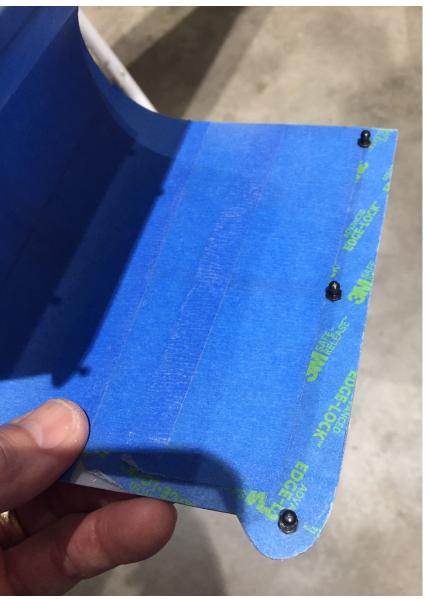






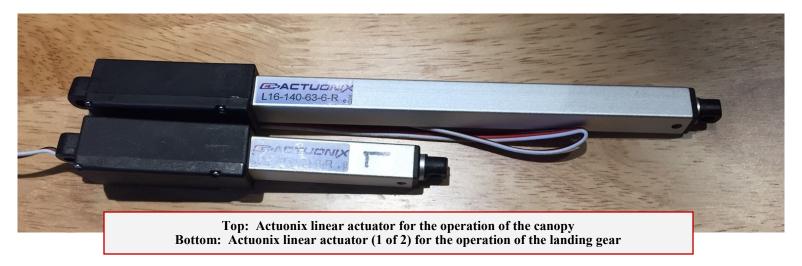
Of course, the canopy must mate squarely with the front windscreen when closed. After gluing in the canopy rails, the location of the ball links had to be determined. I decided that just two on each side wasn't enough and added a third ball link to each side. Upon testing the fit and operation of the canopy, it was close, but still required much fiddling to get it working reasonably well.

I knew I would be using an Actuonix linear servo to operate the canopy (I am using two for the operation of the landing gear). I had to also create some sort of arm and rod assembly for each side. The actuating rods would snap onto the rear ball links. What complicates matters is the need to make all of this REMOVABLE, not only to apply the finish to the airplane, but also for the sake of servicing the components should something fail. Like so many "engineered" assemblies in a scale model, MUCH trial and



error, installation, tweaking, and re-installation is necessary to arrive at a working prototype. The pictures provided with the Ziroli kit were of little value and I was unable to find an exact duplicate online of what I was trying do, so like so many RC projects, I was flying solo... but THAT is often what makes this hobby so fun and rewarding! In the course of producing a working electric sliding canopy, I also tried to make it as SIMPLE as possible, with the fewest parts, nuts, bolts, connections, you name it. This makes de-installing and re-installing much easier.

I finally arrived at a working sliding canopy, but further canopy mods are in order...



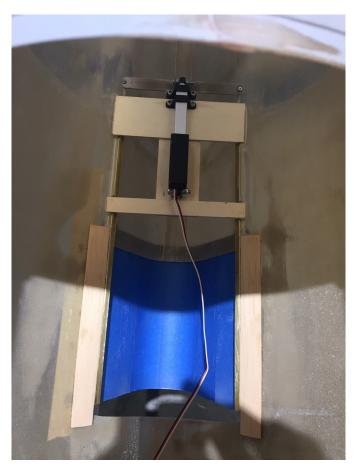
I have found the clear canopy material to be rather flimsy, leading to it becoming misshapen—or rather—not holding its shape, which results in a mismatch between the canopy and front windscreen when the canopy closes. Correcting this will require some strategically placed carbon fiber stock. It goes on and on...

Below left we have the FIRST iteration of my sliding canopy mount, located under the rear turtledeck and behind the pilot seat (when I finally have a pilot seat installed)

Below right is the sliding canopy portion, Actuonix linear servo, arm (made from G10) and carbon fiber rods with ball links. The canopy is taped and primed, although now some surgery will need to take place in which the flimsy plastic "frames" will be replaced with carbon fiber to provide the necessary stiffness. My intention is to link the canopy to the flaps as I would not want to open it at anything greater than landing speeds.

I am often asked WHEN I expect to have this Wildcat finished? My answer is: "I don't expect it to be flying before NEXT summer." And when in the throws of creating an electric sliding canopy, sometimes even next summer seems optimistic;-)

Until next month... Rich Geertson







#### Why Attend Thunder in the Valley Jet Rally?

A Benefit for Wounded Warriors

#### Over 35 Good Reasons:

- This will be the premier RC Jet event in NorCal- don't be sorry you missed it. Last year was a sell-out!! It will be an EVENT!
- We expect 60 pilots and over 125 planes from the Central Valley, Bay Area, Nevada and Socal
- · We have a 575' long runway with 100' plus groomed runouts
- We have over 100 acres of emergency landing area and over 125 acres of fly over space.
- There are Ten high quality acrylic awards up for grabs and plenty of crowd participation for the People's Choice award.
- · On Saturday at noon spectators will vote for the People's Choice Award so bring your "A Game"
- · After the People's Choice Voting we will have a smokin' 3D show, heli exhibition and extreme jets (for spectators' benefit)
- · We welcome RC Jets of all kinds- from large turbine powered monsters to small foam EDF's
- · We will have a professional announcer and killer sound system that covers the entire pits and spectator's areas
- · We are promoting through social media, email and local TV stations so there will be TONS of spectators
- We offer 10'x 24' (first row) and 10' x 20' (second row) Shade tent rentals. Please see the AMOS web site for details (AMOSRC.com)
- We have plenty of EZ Up space available close to the pits, "first come-first serve." Please see the AMOS web site for details.
- Easy RV access (in and out) and lots of space for free overnight parking-starting Tuesday, September 6th.
- Three Professional Photographers will be on-site for "static and action flybys". We will hand out FREE 8"x10" glossies of our best shots.
- We will offer a "Concierge Service" to fetch whatever you need off site during the event. Just place a request at the Registration Desk.
- · Smarter Images will be onsite with high quality RC Apparel (shirts, hats, goodies) and can customize your garments during the event.
- We are preparing for warm weather with over 5,000 sq. ft. of shade (front row), 12 large Evap Coolers- one in each section.
   We will offer additional shade in second and third rows. Each row is and additional 1,600 sq ft.
- Electrical outlets every 20' in the pits. No need for generators in the pits.
- · We will have an Air-conditioned Awards/Dining tent open 7/24.
- · We will offer smoke oil at \$12 per gallon.
- We will have high quality "on-site" professionally prepared lunch (Fri, Sat) and dinner (Thursday and Friday).
- · We will have a Catered Banquet Dinner along with the Awards presentation and a slide show on Saturday night.
- We have a renovated food concession stand (The Cantina) where you will food that is a "cut above."
- · We will provide Free Coffee and Doughnuts Thursday, Friday and Saturday morning.
- · We will have a separate Ice Cream Bar and Beverage Stand (with tons of caffeine and sugar).
- On Thursday night at 5:30 we will offer FREE great street tacos and Mexican beer for all attendees.
- We offer free beer and wine at the end of your flying day. You will find this in the dining tent.
- The entire pit area is lit up at night with "market lights' so it's a great place to chill and watch the night fliers.
- We offer Ice Cold bottled water for the pilots 24/7 in the pits.
- · We will provide one "yard sign" for each sponsor with their name and logo prominently displayed on the "Row of Sponsors."
- We will have hand washing stations, hand sanitizer and all the stuff to stay safe.

   We will have hand washing stations, hand sanitizer and all the stuff to stay safe.

   We will have hand washing stations, hand sanitizer and all the stuff to stay safe.
- If you would like to have a Turbine Waiver Pilot and CD sign you off, this may be done on Thu/Fri. Please have all AMA papers.
- · There are several high quality and inexpensive hotels within 10 miles of the field.
- · This event is an opportunity to give back and help support the community.
- Throughout the event we will ask for donations. Please be generous. Our target is \$30,000. We did over \$20,000 last year.
- Spectators: FREE
- Parking: FREE
- RV Overnight Parking: FREE

#### Registration: Visit AMOS.RC.com to Register Online or to print the Registration Form

Visit the Facebook Event page at AMOSRC Visit our web site at WWW.AMOSRC.COM

QUESTIONS? Contact Dave Long 916-801-7764 Associated Modelers of Sacramento Radio Control Flight Club

# **AMOSRC**

PLEASE REGISTER EARLY:
THIS WILL BE A
SELL-OUT EVENT

Registration Fees: We accept PayPal and all Major Credit Cards



#### Pre-Register

- \$60 Entry Fee, Thurs Taco Dinner\*, Tshirt
- \$80 for Entry/Taco\*, Tshirt, 2 Lunches
- \$90 for Entry/Taco\*, Tshirt, 2 Lunches, Friday Dinner
- \$30 for Saturday Banquet Dinner

#### **Register Day of Event**

- \$100 Entry Fee, Thurs Taco Dinner\*
- \$120 for Entry/Taco\*, Tshirt, 2 Lunches
- \$130 for Entry/Taco\*, Tshirt, 2 Lunches, and Friday Dinner
- \$30 for Saturday Banquet Dinner

#### SHADE

SEPT

8-10

*2022* 

- \$200 Front Row Shade 10'x24'
   Max 2 sections per person
   Includes Evap Cooler and Electricity
- \$150 <u>Second Row Shade</u> 10'x20' No limit per person Includes Electricity



AMOS Flying Field is located at 4015 E Catlett Rd Lincoln, CA at the corner of E. Catlett Rd & Fiddyment Road, two miles West of Thunder Valley Casino



## **Hotel Information:**

Hotels in Napa are prohibitively expensive. Below is a list of hotels mostly in Vallejo near the Six Flags Discovery Kingdom amusement park. You can expect a 15-20 minute drive to the field. American Canyon is closer but there seems to be very little availability.

DoubleTree by Hilton Hotel & Spa \$294 707-674-2100

Holiday Inn Express and Suites \$254 707-552-8100

Newly Built Napa Charming Hidden Gem \$150 Expedia

Hampton Inn Vallejo \$209 707-554-9655

Motel 6 Vallejo, CA Six Flags West \$86 707-643-7611

Regency Inn \$110 707-643-4150

Country Inn & Suites by Radisson, Vallejo, CA \$133 707-474-3061

Quality Inn near Six Flags Discovery Kingdom \$142 707-234-4016

Red Roof Inn & Suites Vallejo \$90 707-562-2800

Jim Tichy Memorial Circle Kennedy Park, Napa, CA

38°15'52.2"N 122°17'00.3"W 38.264506, -122.283427 RV PARKING: Skyline Wilderness Park www.skylinepark.org 2201 Imola Avenue /Napa, CA 94559 \$65/night 707-252-0481



#### September 23-25,2022

Na	me:					
Ad	dress:					
City:				State:	Zip:	
Phone:						
AMA#:				email:		
Firs Additio		Registration Fees st Event: \$15 onal Events: \$10		Fire	Day of Contest rst Event: \$20 ional Events: \$15	
1						
2						
3			1			
4						
Tota					al Enclosed	

This pre-registration form is designed to aid us in completing as much paperwork, in advance, as possible. It will be OK to make changes on the day of the contest.

#### CHECKS WILL BE RETURNED TO ANYONE WHO DOES NOT ATTEND

PLEASE MAKE CHECKS PAYABLE TO JIM ARON Forms received before 9/20/22 would be appreciated

Thursday, September 22th - Practice Day

Please Return To: Jim Aron 958 Leneve Place El Cerrito, CA 94530 (510) 364-8533 cell

unclejimby@aol.com

ONLINE REGISTRATION, MAPS, FLYERS, HOTEL INFO: www.concentricbehavior.com

# Salinas Area Modelers November 4-6, 2022

- Open to all Giant Scale Aircraft (80in Monoplane and 60in Biplane)
- Dry Camping Available
- \$40 Registration (includes landing fee and Saturday dinner)
- Field open for arrivals Thursday, Nov 3rd
- Pilot's Raffle, Night Flying
- 30 minutes from Monterey & Carmel-by-the-Sea
- For more information:
  - Contact: James Collins (jamesjcollins@me.com or (831) 325-6391)
  - Visit www.salinasareamodelers.org
  - Facebook: https://www.facebook.com/salinasareamodelers

## 

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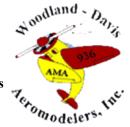
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Carlos Reves (650) 243-8894 carsii@hotmail.com

**Jet Turbine Instructors** 

**OPEN** 

Multi-rotor Drones

⇒ Keith Young (530) 848-3666

**Helicopter Instructor (Only):** 

 $\Rightarrow$  **OPEN** 



Next Club Meeting: Monday Sept. 12th, 7pm Round Table Pizza, Woodland



DIXON, CA 95620 800 COLLIER DR. C/O KICHARD GEERTSON WOODLAND/DAVIS AEROMODELERS