

Hey everyone, I hope your winter projects are nearing completion! Weather is getting better, although seems like the rains are still with us for a while. The field is really green, and we are getting into a mowing routine for the spring. If you would like to help out during the week with mowing/spraying/maintenance we can always use help. Please let me know and I'll put you in contact with the crew. We have a relatively small but super dedicated crew that helps keep things looking great out there and we always need more help. Please consider giving some of your time.

The swap meet was a huge success this year. We were able to generate around \$1100 dollars in sales, a small part of which was from sellers fees, the remainder coming from sales of items that our members have collected for the club through donations. If you hear from someone asking if the club will receive donations, the answer is yes. We try to collect throughout the year and then display and sell at the swap meet. I really think we could double this number in the future. Maybe more too. If we had a few people who wanted to get involved by sorting some of the stuff we receive, do some minor repairs or match up complete sets of items that go together, or just get items cleaned and shined up prior to sale I think we could really do something. Combine that with further outreach to clubs and lists on social media and I think we could be onto something. I think that we've fallen into a good time of the year before other events so let's see if we can grow this event. What do you think?

The jet fly is coming up on April 6th. The field will be opened to jet guests starting Thursday and Friday leading up to this event. Looking forward to a good event, and hopefully lots of great flying. Come on out to check it out.

Prez Sez Jeff Lovitt The Flying Heritage Collection Jeff Lovitt Board and General Meeting Minutes Jeff Lovitt **General Meeting Minutes** Mike O'Kane **NEW Porta Potty!** Mike Radu

Work Party

Earning Membership Points

2024 WDA Schedule of Events

Modeler's Corner

Upcoming events

Forrest Barton

Rich Geertson

The WDA General meeting will be Monday April 8th @ 7pm Round **Table Pizza Party room** 421 Pioneer Ave, Woodland. Check the website for any changes.

wdarc.org

Our schedule for May is looking good too. The Helicopter Scale Masters will be right around the corner and will help raise funds for a great cause again this year. Models and helicopter pilots from around the country and from outside the US will descend on WDA. After that, we have the pylon race. Come out to help Robert - APC helps the club all year long, let's try to give some back. This event is always a good event for the club's budget as well, so whatever we can do to support, let's do it. Also this year, it looks like it will be a real grudge match in the EF1 class, with Monty, Ben and I believe Rich all back again from past years, Robert will be tough to beat if he flies EF1 and Forrest and myself are looking to mix it up this year. Should be fun.

All for now, let's get out there and have a good time. If you see something that you feel needs improvement, it would be great to hear your ideas and desires help make it happen. Let us know what you are thinking.

Jeff

Photos from the Flying Heritage Collection Jeff Lovitt

Located at Paine Field in Everett Washington, I was on a vacation to the northwest for a week with my wife this past week, and had a few hours to kill. I had visited the Museum of Flight in Seattle a number of years ago and it is a must-see. I did not have particularly high expectations for this museum. When I was investigating ways to kill a few hours, I came across this museum and some of its collection that I kept thinking must have actually been at the Museum of Flight. Wow was I wrong. I have been to lots of aviation museums and this one could hang with any others. Their collection is almost all WWII, mostly fighters of US, Russian,



Japanese, and British heritage. The quality of the restorations was incredible, and all of the aircraft are operational. While they may be in some cases ultra valuable and therefore not being flown, they are all brought out, and engines run from what I was told. The collection is displayed in three hangars, and contain one-of-a-kind examples of some of the types like the Japanese Oscar fighter that was salvaged after being on an Alaskan island for 60 years and then painstakingly rebuilt. The RAF Mosquito was spectacular! A few photos from my visit are included. Look the museum up, and if you get the chance to check it out, you will not











Left: the unmistakable lines of a Messerschmitt 109, Germany's most ubiquitous WWII front-line fighter.

Right: Republic P-47 Thunderbolt, bubble canopy, in natural metal finish. By the end of the war, camo paint was just so 1942....Besides, the massive "Jug" wasn't easy to hide!

Below: the British Mosquito fighter/bomber. An exceedingly rare sight indeed.

Far right and just out of frame, I see a Russian Polikarpov I-16... affectionately known as "The Rat"



March 2024 GENERAL MEMBERSHIP MEETING 3-11-24

By Jeff Lovitt (Mike O'Kane was not able to attend)

Officers present: Jeff Lovitt, Forrest Barton, Chris Dellinger, Keith Young, Dan Winters, Doug Barton. Not present, Mike Okane, Jim Dahl, Bill McGhaughey

Meeting called to order by Jeff Lovitt.

Last month's minutes reviewed, motioned for approval by Forrest Barton, Seconded by Dan Winters, All in favor of ratifying the minutes as presented in the newsletter with the exception of Forrest Barton.

Recognition of guests and new members. No guests present.

Officer reports:

President: No comment.

Vice President: Forrest Barton reviewed the Board Meeting discussion.

Treasurer: Chris Dellinger reported balances, and payments/deposits. The club's majority assets that have been invested in CD's, will mature in the next 30-60 days, and the plan remains to reinvest those funds and interest into another round of 6 month CD's.

Secretary: No secretary report.

Chair Reports: Membership:

Safety: No Report. No issues noted.

Field: Work party set for March 23 to work on the repairs to the south startup mat area and put the pit back together. A goal for the year is to devise a plan to address the areas that remain wet between the parking lot and pit, notably at the north end. Forrest and Jeff to shoot elevations with a rotating laser level engineering instrument to determine where we need to raise elevations to improve drainage flow. This needs to be coordinated with the pit to maintain access and for the potential replacement of the pit matting that is nearing the end of its service life.

News Letter: Thanks as always to Rich for putting the newsletter out. There is always room for content.

Points Chair: Points are distributed quarterly via email on the club email list. To record your points, see the clipboard located in the mail box next to the flagpoles at the main rc side of the site.

Events Reports: Pro Bro Event: no report. **Old Business:** see the Board Minutes.

Guest Speaker: n/a

First Flights: Robert Holik reported that his son Ivan successfully soloed on his Apprentice in the last month. Ivan has been flying with Robert for a while, however this was his first complete solo take off to landing. Congrats

to Ivan and to Robert!

Next Meeting: April 8, 2024

Meeting Adjourned 7:57 pm.

Board Meeting March 11,2024 Recorded By Jeff Lovitt

Members present: Jeff Lovitt, Forrest Barton, Chris Dellinger, Keith Young, Doug Barton, Dan Winters. Not present Jim Dahl, Mike Okane, and Bill McGhaughey.

Meeting called to order by Forrest Barton at 6:10 PM

Reports

President: no comments.

VP: No comments.

Treasurer/Membership: Chris D provided a report of expenditures, including payment of rent, AMA charter, Tax Preparation Fees, PG&E and PG&E. \$462 in dues received. Net in/out for the month was reported at (\$1700.00). Membership reported at 72 members.

Secretary: Not present. Mike reported prior month about FRIA status at Lake Minden. Via email, Mike Okane reported prior to the meeting that the FRIA for Lake Minden location has been approved through AMA by the FAA.

OLD Business

SAM Champs: 55th SAM Champs is scheduled for the third week of September 2024, and the current action was a report from Forrest Barton that the event sanction has been filed with AMA for this event.

Loads of Dirt delivered to the site in September 2023: Areas that were regrading using this imported fill material are starting to grow in, however need to have hand work done around the rc runway to rake/pick rocks. A work part will be scheduled following the jet fly to address this task. The following step will be to utilize our 5' pull behind roller to aid the compaction of the import fill surfaces. Additional smoothing is still needed to help complete the CL side.

Damage to the south startup area: A work party was determined to be attempted for 3/23 to lay the mat back down in this area and return all areas of the pit back into service.

New Business

Doug Barton reported on water allocation to the site, as well as use of the pipe through the level wall for transmission of water. The person from the Flood Control District who notified us in 2022 to remove our pipe through the levee wall sleeve is no longer at the office. Doug was following up with the next person who may be in charge regarding permit to utilize the sleeve through the levee for pumping water. In the meantime, water district has been paid for minimum qty of water (\$30.00) so that we maintain rights to access to the water for later in the year if needed.

Events

Forrest Barton reported on events:

Swap Meet: This event is scheduled for the Saturday following the meeting. There has been a fair amount of interest in the event from respondents who have seen the event on our website, facebook or at RC Country. Chris D to be contact on the site day of event, assistance to be provided by Mike O and Keith Y with regard to club items for sale.

Jets: WDA Afterburner is advertised and will occur officially on April 6. Entrants may arrive as early as the Thursday and Friday before the event. Contact is Jeff Lovitt. Chris reported that Ben P is planning to do food for Saturday. Jeff to confirm.

For future event planning, AMA is allowing the ability to get a NOTAM when an event sanction has been applied for and received. The NOTAM will allow for airspace to be increased to 1200 feet. Additionally, there is a mechanism for now for obtaining a FRIA status for an event which will allow events that occur at full size fields for a day or a few days to be able to avoid having to do remote ID. These are both positive steps, thanks to AMA for lobbying on our behalf.

Meeting adjourned at 7:05.

Speaking of jets... Pictured on the front page of this month's newsletter is of the Ryan FR-1 Fireball: The WWII U.S. Navy's Idea of a "Hybrid," a piston AND jet driven aircraft. Here is a link to this unusual aircraft:

Ryan FR-1 Fireball

WALTA DIEW PORT-A-POTTYP

Well-We Dor

MICHAEL PADU HAG BEEN COLLECTION DONATIONS FOR A NEW SINGLE AND AN ADA PORT-A-POTTY

A NEW PORTABLE SINGLE UNIT WILL
COST APPROXIMATELY \$1000.00

WE MADE IT!

SEND DONATIONS TO:
MICHAEL PADU
PADU@MAC.COM
35 COLLEEN WAY
CAMPBELL CA 95008
(408) 504-6826

A NEW PORTABLE ADA UNIT WILL COST APPROXIMATELY \$2500.00



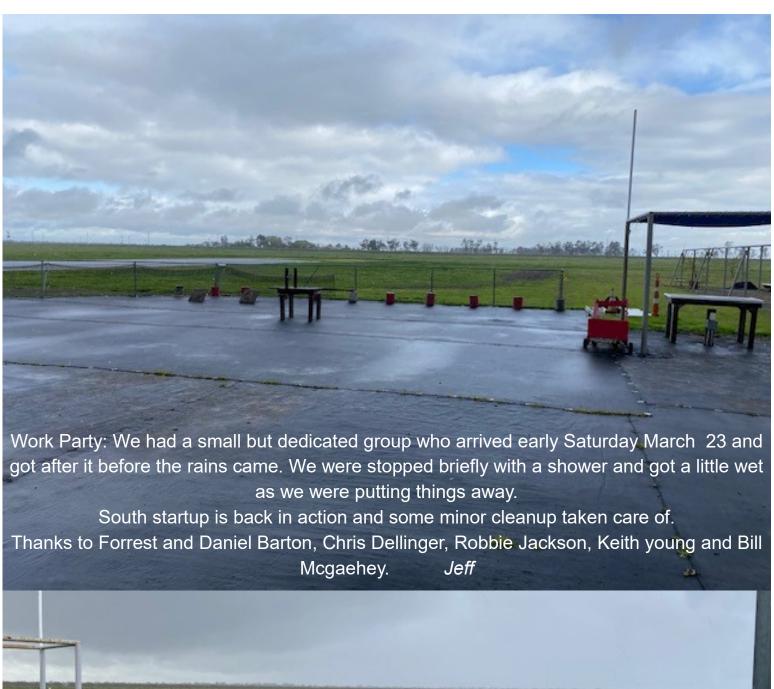
WE CURRENTLY HAVE \$100.00 SAVED

4100.00 BROCK SIEGEL





PLEAGE JOIN US BY GENDING FUNDS TO MICHAEL RADU AT
PAYPAL, VENMO, CAGH OR CHECK, APPLE PAY
JUST MAKE NOTE IT IS FOR PORT-A-POTTY AND IF YOU WISH TO BE ANONYMOUS.





WDA POINTS SYSTEM

<u>Points Work System</u>: Volunteering and lending a hand for anything to the benefit of the organization shall earn points.

In general, members need to earn 8 points/year to renew membership, except as noted below ***

- 1 point is earned for every 2 hours worked, up to 2 points per day. If you have not earned enough points you can buy points during renewal, at \$15/point.
- Super Seniors can work off their entire membership fee by earning 8 points
- Junior members do not need to earn points
- Families only need to earn 8 points per family
- Members residing more than 75 miles from the field do not need points for renewal.

Examples: Points may be earned as follows:

- MALL SHOW MAX 6 Pts. For the whole show 1 Pt. for Friday Set-up 1 Pt. For 2 hrs. work at mall. (2pts. Max per day) 1 Pt. for models (no matter how many) brought for display.
- ◆ MAJOR EVENTS MAX 6 pts. SCALE MASTERS, Wings of Victory, GIANT SCALE, Jet Fly, GOYET CONTROLINE & MEET & MEAT: 1 Pt. for Friday Set-up, 1 Pt. for 2Hrs. Work at event (2Pts. Max per day), 1 Pt. for Tear Down.
- ◆ STANDARD EVENTS MAX 3 Pts. For show OPEN HOUSE, Float Fly, WAM Fund Day, TOYS FOR TOTS, Fun Fly: 1 Pt. for Friday Set-up, 1 Pts. Per Day for Work at event (2Hrs Min.), 1 Pt. for teardown
- WORK PARTIES MAX 2 Pts.

CLUB OFFICERS earn 8 Pts. For the Year, including President, V. President, Secretary, Treasurer, Board Members Field Maint., Snack Shack, Raffle, Newsletter Asst., Membership, Safety Officer, Webmaster.

Contest Directors receive 8 Pts. for each event run.

Points for approved donations (check with Board).

Hardship Program: Case-by-Case--Check with Board.

*** Members can request that the \$120 points be waived if they have a physical/ Medical hardship. Members can request that the membership costs be paid through volunteer work if they have a financial hardship. ***This will only be allowed 2 times in a 10 year period per member.

The 2024 WDA Event Schedule

April 6 Jet Fly

April 25-28 Spring Float Fly

May 9-11 Heli Scale Masters

May 18-19 Pylon Race

June 27-30 Wings of Victory

July 27 Open House

August 17 Coast Slope Glider Fly

August 24-25 WDA Pattern Contest

Sept 19-22 Society of Antique Modelers

National Championships

October 3-6 Fall Float Fly

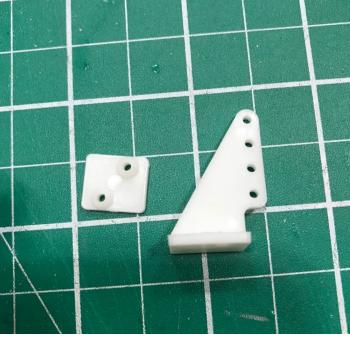
October 18-20 Dawn Patrol

November 9 Toys 4 Tots

January 1 Chilly n' Chili







Resuming work on my 33% Balsa USA DR1, it was time to hinge and set up the servos, control rods and horns for the

completed ailerons. While the kit provides DuBro control horns, which are adequate, I felt that an aircraft of this size could benefit from something a bit more robust. Borrowing from my CARF and IMAC aircraft experience, I decided on a "double truss" control horn set-up.



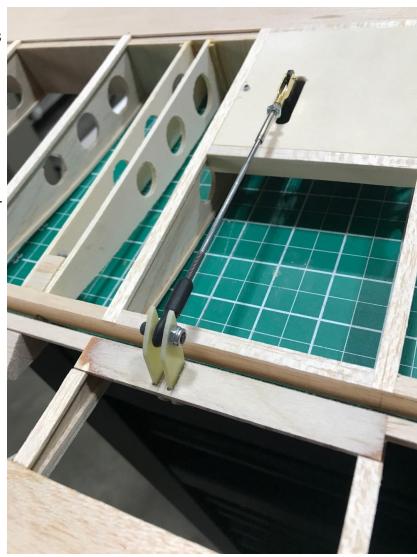
Using G10 material leftover from my Wildcat, I cut 4 pieces, 2 for each aileron. After shaping, the four pieces were clamped together and a single hole drilled through all four to accommodate a ball link bolt. Btw: this G10 is VERY hard. I have used my scroll saw to cut it, and the blades go dull very fast. Even a carbide tipped blade will show signs of dulling after a few cuts.

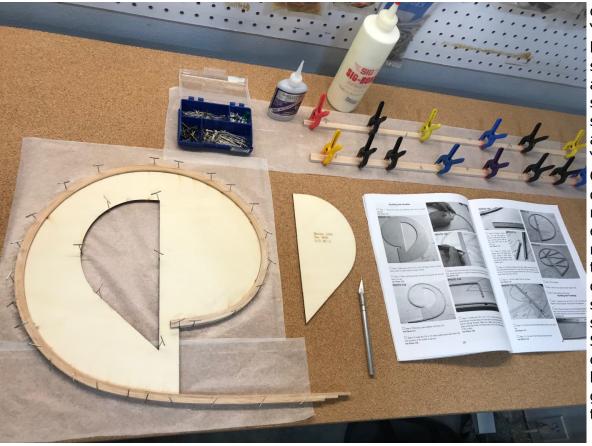


Referring to the first photo, you will notice several small holes drilled in the lower half of the horns... this is so that the epoxy used to bond them in their slots will flow into the horn material, essentially "pinning" the horns in place. I also rough up the surfaces with coarse sandpaper and clean thoroughly with alcohol before gluing them in place.

Since I still have final sanding and then covering ahead, I have elected NOT to glue them into position just yet, but the fit was tight enough so that I could set up my aileron hatches, servos and mounts, and 4-40 control rods. Sullivan 4-40 clevises with a jam nut eliminates all slop at the servo arm. When I drill out servo arm holes, I use a micrometer to exactly match the hole size to the clevis pin, also to eliminate slop. Considering there will always be some measure of servo gear backlash, eliminating as much slop everywhere else will result in a better handling airplane and less risk of control surface flutter.

Moving onto the tail surfaces, laminating 1/8" x !/4" balsa strip stock is required to achieve the curved rudder and elevators. Btw: the DR1 utilizes a full-flying rudder. The instructions advised to first soak the balsa stock in water until flexible, bend and secure in place until dry, then glue all pieces together using thin CA. I did not consider this the best method due to the difficulty in sanding balsa impregnated with hardened CA glue. Instead, I opted for what I





consider a more 'conventional' method of laminating, by coating the soaked balsa stock with aliphatic resin glue, then securing in place. Once set up, the shaped parts are done and far more "sandpaper friendly." Oddly, the kit even reguires the builder to laminate leading and trailing edge pieces to create the required widths, even though these are not curved and their dimensions are available via standard balsa strip stock. Seems like unnecessary extra work, but what the heck... gluing wood together, is still better than the best day working!



Completed rudder on the left and laminating balsa stock to create the elevator tips and trailing edges, on right. Well gang, that's about it from the building board this month (did I mention I also assembled a Proud Bird eF1 plane for our upcoming Pylon races?)

Until next month, Build something!

Rich Geertson

I will leave you with some pictures of the latest addition to my engine collection, which also marks a sad day for the hobby... The British four stroke engine manufacturer LASER has decided to call it quits. Their beautifully-built glow engines have long been a choice for scale modelers worldwide. I was lucky enough to purchase one of their V-Twins from Jeff Lovitt. This is a 180 (1.8 cu. in.) example. I felt it deserved its own custom display stand.



Another sad day for the hobby... after 45 years in business, ROBART is calling it quits.



I am not sure what this will mean for the many plans, kits, and ARFs designed around Robart fixed and retractable gear and struts, scale wheels and air support equipment.

Sierra Precision still produces retracts and wheels, but not for nearly as many different aircraft. Perhaps he will expand his line? Materials and labor costs just continue to skyrocket, making the final products cost-prohibitive.

Example: I purchased my Jerry Bates F4F Wildcat retracts from Robart in 2016. At that time they sold for \$860. The most recent price tag on the same gear was \$2080! How many modelers are (were) going to plans-build a Wildcat if the scale gear cost that much? I would venture to say, no more than a handful, and there is no way to support a business under those circumstances...:-(

LAKE MINDEN LAKE MINDEN April 25-28 FLOAT FLY 2024

SPONSORED BY WOODLAND DAVIS AEROMODELERS







Toilet and showers nearby..NO RV Hook-ups Located off Hwy 99.. on the way to Yuba City

New fees to help cover the cost of these increases are as follows; Lake Minden has imposed an increase of Lake fee use from \$150 per day to \$250 per day Lake use & Landing fee (RVers)\$50 per pilot for the weekend Landing & lake day use fee \$25 per pilot for weekend Above payable at Registration

RV camping \$45 per night and day use is now \$12 per day Payable at office entrance to resort

For more info contact Randy Sizemore (CD for this event) at 916-804-4250

Lake Minden is near Nicolaus, CA

Hi everyone,

My name is Robert Holik and I'm organizing the Woodland-Davis Pylon Race that is coming up in May. I'm again looking for volunteers to help run the event on Saturday and Sunday (5/18 & 5/19).

The success of last year's race was due to the volunteers from our club. I'd like to make this year's event another success with your help.

As some of you know, a pylon event is very dependent on race course workers. I will need about 12 volunteers this year.

Along with work hours towards dues, each volunteer will also receive \$50 per day for their efforts.

If you are interested in helping out please let me know. I'm also happy to answer any questions you may have.

You can email me at info@apcprop.com or call 530-661-0399.

If you can only commit to one day, that's fine. Please let me know which day.

We typically start setting up between 7am and 8am. Racing starts at 9am and we're usually done between 3 and 4pm.

Attached is a press release that will tell you more about the race.

Thank you!

Robert

APC Propellers 530-661-0399

14th Annual Fred Burgdorf Memorial Pylon Race

May 18th and 19th, 2024

Race Site: Woodland/Davis Aeromodelers Club www.wdarc.org

Advance Registration will be accepted and is encouraged Entries should be emailed or post marked on or before May 1st Payments can be made on the day of the event

Entry Fee per Day: \$40 per Class (WDARC Members: \$30 per day for EF-1)

CLASSES: AMA 422 (608' long course)

AMA 426 and EF-1 (475' short course)

FORMAT: Two, one day events, with all three classes on both days RULES DEVIATION: A pylon one cut light will trump a turn light on the same lap

Entries are Limited to 3 Pilots per group (frequency)

Info: Robert Holik Phone: 530-661-0399 E-Mail: info@apcprop.com

Time Schedule

Friday All day test flying with pylons

Quality Inn & Suites

1562 East Main St.

8:00 Registration closes 8:00 Registration closes 8:30 Test flying closes 8:30 Test flying closes 8:45 Pilots meeting 8:45 Pilots meeting 9:00 First heat starts 9:00 First heat starts

Hampton Inn & Suites

2060 Freeway Dr.

La Quinta Inn & Suites

1771 Research Park Dr.

NOTE: Model inspections will be available all day on Friday until 4:00pm

Recommended Hotels Days Inn & Suites

4100 Chiles Rd.

1771 Research Davis, CA 95618 Davis, CA 95618 Woodland, CA 95776 Woodland, CA 95776 (530) 792-0800 (530) 666-3050 (530) 662-9100 (530) 758-1771 Advance Entry Form Send to: Robert Holik 1222 Harter Ave. Woodland, CA 95776 AMA FAA Reg. # Address City State Zip NMPRA # E-mail Teammate #2 Teammate#1

Please make checks payable to: Woodland/Davis Aeromodelers

DO NOT SEND ENTRIES BY METHODS THAT REQUIRE SIGNATURE ON DELIVERY



THE LEGACY OF CASTLE CONTINUES!

Join us for the 4th annual West Coast Festival of Giants Reedley Airport Giant Scale Fly-In May 23-26, 2024

Reedley Municipal Airport — 4557 S Frankwood Ave, Reedley, CA 93654 Gates open at 9am — Flying starts at 9am and goes to 5pm (open flying from 5pm - ?)

Pilot Fee: \$100-RV Parking: \$40 (for entire event) | Spectators no charge-Donations are Appreciated

ON SITE FOOD VENDORS, RESTROOMS, AND HAND WASHING STATIONS

Hosted by the ClovisRCheli Club

Event Director: Erik LaCour - eriklacour@sbcglobal.net | CD/Reg: Rick Maida - mrcorsair@usa.net or call (408) 460-1526

For more information visit www.clovisRCheli.club



Open flying after all day Sunday

60 x 600' petro-mat runway with 25 x 600' grass runway alongside

Camping & RV's allowed... No Hook-ups Porta potties & Snack Shack on site

Registration for the 4 day event is \$25 Includes free hamburger for pilots

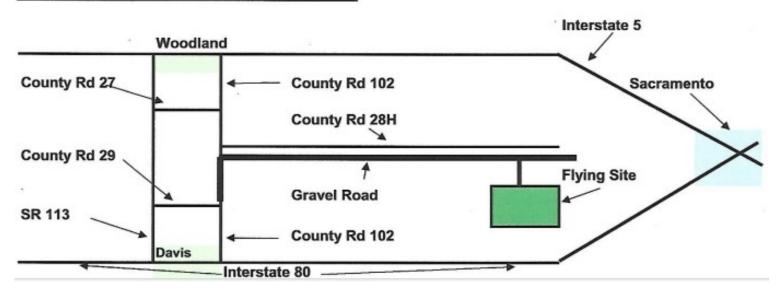
CD for the event: Monty Welch Cell: 707-365-8878

For more Info: Email Monty Welch at Loon12@aol.com



No raffle- no trophies.. Just come & fly

WDA Website: www.wdarc.org



Offilesis

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Flight-Instruction

Fixed wing

⇒ John Eaton

Jet Turbine

⇒ Jeff Lovitt

Multi-rotor Drones

⇒ Keith Young

Helicopter Instructor (Only):

 \Rightarrow **OPEN**



Next Club Meeting: Monday April 8th, 7pm Round Table Pizza, Woodland



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