

# WOODLAND/DAVIS AEROMODELERS

42875 County Rd. 29  
Davis, CA

## Mar Newsletter 2016



### From the President

Well it's only March and I'm already past my deadline and I'm trying to pound the keys on a newsletter column. The newsletter editor has a tough enough job! Speaking of newsletters, I want to give a shout to Glen Spaulding for his efforts these past four years to bring us our newsletter. It's a big job and it goes largely unseen even though we all see the newsletters every month. Thank you Glen for putting the newsletter together and for providing your service to the club. Rich Geertson has graciously volunteered to take on the role of newsletter editor. Rich is very active in the club, keeps his finger on the pulse and always offers interesting commentary on the state of the hobby, what people are building, and what they are flying. I would love to see a return of the feature "Modelers Projects" which ran in Rich's column in years past. If you have a project you are working on or have finished, please do a little write-up and send some captioned photos. That would be great!

One of my club meeting goals is to have a 'show n tell' program each month that highlights someone, or some activity. Last month we had a great show from Maurice "Mo" Culverwell, our esteemed profile builder and 3D flyer. Mo gave us a teaser about the upcoming Pro Bro event (just this past weekend), showing off a completed model and a fully framed model that broke down into small pieces. Very innovative work, and very clean building. He also presented his mobile charging station which looked like a great solution to a problem that many of us face. This month, with float flying starting to come up on our horizon, come out and learn what you need to know about putting your model on water. How to keep the water out, how to keep the floats on the right side (bottom!), how to get on and off the water and what to do to keep from having to swim out to get your model when the engine quits! Come on out to the meeting and bring your questions. It will be entertaining and informational.

Lastly, I want to take a moment to talk about safety. A couple of gentle reminders to look out for each other when we are flying. Please remember to respectfully communicate your intentions when you need to use the runway. To taxi onto the runway, to retrieve a model stopped on the runway, and when you are clear of the runway. If there are modelers that need to take the field to retrieve a model, they need to announce their intentions.

According to our field rules mounted at the site, flying may continue, but only if safety can be maintained. Please consider stopping and waiting. We've all been on both sides of these situations, and it's paramount to consider courtesy when flying. A final reminder that the (fly-over) deadline is that - the deadline. For the RC main runway area, the deadline is the near edge of the petromat surface, west, TO INFINITY. Maneuvers should be performed over the grass, not directly over the runway. This affords pilots and spectators a margin of safety that makes it enjoyable to watch another pilot's flight! Flight paths should be planned so that we are not pointed at the pits for any more time than necessary. Young pilots need to have a spotter. High performance models must have a spotter. In general, a spotter is a very good thing and I encourage everyone to use one, regardless of aircraft type. Let's look out for one another and have a great time out there.

That's it for this month. I've been busy with work and family, so no pictures of model progress this month. I'm looking forward to sharing some more of my Nieuport progress with you as I find minutes to work on it!

All for now-  
Jeff

### This month:

- |                               |                |
|-------------------------------|----------------|
| • From the President          | Jeff Lovitt    |
| • Meeting Minutes             | Mike O'Kane    |
| • Indoor Fun-Fly              | Forrest Barton |
| • Board Meeting               | Mike O'Kane    |
| • HOW can YOU HELP WDA?       | RCG            |
| • ProBro                      | Mo Culverwell  |
| • WDA 2012 Calendar of Events |                |
| • What's UP? What's down..?   | R. Geertson    |

# FEBRUARY GENERAL MEMBERSHIP MEETING

2/8/2016

By Mike O'Kane

Members present:   X   Jeff Lovitt,   X   Rich Geertson,   X   John Eaton,   X   Mike O'Kane,        Monte Pate,   X   Kerry Roberson   X   Forrest Barton   X   Jim MacDonald        Chris Dellinger

Meeting called to order by Jeff Lovitt.

Last month's minutes reviewed, motion for approval, 2<sup>nd</sup>, and passed unanimously.

Recognition of guests and new members. Peter from Sacramento introduced himself

## Officer reports:

**President:** Comments throughout the meeting

**Vice President:** Rich Geertson recapped the Board Minutes listed in the Board meeting minutes.

**Treasurer:** John Eaton reported on Club treasury status.

**Secretary:** Mike commented on the UAS registration requirement.

## Chair Reports:

**Membership:** Monte Pate was not present at tonight's meeting, gate code has changed, check your e-mail. Mail only went out to current members.

**Safety:** John Lett, John commented on the requirements for spotters, he is investigating another occurrence. Near miss with a person on the runway during a low pass

**Field Chair:** Ken reports we are off to another growing season, spraying and cutting.

**News Letter:** Glen is not present at tonight's meeting, members are encouraged to submit articles for publication.

**Points Chair:** Kerry Roberson reports points on the WEB page is current. Gate combo is changing, current members will be notified via e-mail of new combo.

**WEB PAGE:** Kerry Roberson reports WEB page is current

**Events Reports:** January 30<sup>th</sup> indoor electric fly, about 20 persons showed up to fly.

**Old Business:** see the Board Minutes.

**New Business:** A motion to approve the purchase of \$400.00 of sand to fill the openings that develop in the ground. 2<sup>nd</sup> made, Motion passed.

## Break

**Guest Speaker:** Maurice Culverwell, Profile "3D Fun/Fly" aircraft. Mo presented 2 profile aircraft:

One completed that is a 3S electric with a 41" wing span and weighs about 2 ½ pounds'.

The other was framed and is intended to be powered by a YS 140, MO demonstrated the changes be built into the model that allow it to be transported easily, the front profile fuselage came off to allow the wing to be removed from the main fuselage and the tail feathers came off as well making a compact model for shipping. He pointed out the additional structure additions to allow the removal of the front and rear of the aircraft.

Club members asked questions and Mo provided details regarding the design target of the aircraft relative to the Mean Aerodynamic Chord (MAC) as well as balance adjustment about this point on the

wing and how the model will perform.

This was a very informative presentation and all present enjoyed Mo's presentation.

## Show and Tell:

Mo Culverwell also presented his "charging station" which was built into a hard case and contained his HiTec charger, AC/DC power supply and connectors for balancing.

The unit appeared very well thought-out and provides a "one-stop" solution to all of his charging needs, while keeping everything safely contained in a single hard case. I am sure that if there is interest, Mo would be happy to shared his design with anyone wishing to build a similar unit.

John Eaton showed an Old Timer that he had just completed. It was called a "San Jose" Electric powered, and laser cut from his own drawings of the original design. RC assist.



WDA Meetings are held on the 2nd Monday of every month at the Woodland Public Library in the "Leake" room.  
250 1st St, Woodland, CA 95695

- Board Meetings go from 6pm to 7pm (members are welcome to attend)
- General Club meeting 7pm to 8:30pm

WDA General Club meetings are open to the public. Members and those interested in joining WDA are encouraged to attend! Bring your latest purchase or project and let us see what you are up to!





**INDOOR FLYING IS BACK!!!**

# Indoor Fun-Fly

**Saturday 5 Mar - NorCal Indoor Sports**

The Woodland-Davis Aeromodelers will be holding an night time indoor fun fly. We have found a new home at Norcal Indoor Sports in Woodland. The event will be on the main hockey rink which has almost 30' ceilings. So there is plenty of room to fly whatever you want. We will be limiting indoor Heli's to 250 size NO bigger please. \$5 entry to the event with a valid AMA insurance card. Will be flying 8pm-Midnight. For those with a GPS the address is below. Otherwise use the directions provided or see their web site at <http://www.norcalindoorsports.com/directions>. As always spectators are free and welcome. This month will have introductory flights for kids 8-16 as time permits. There is a full snack bar on site. We look forward to seeing everyone there.



**From Sacramento:**

Take I-5 N  
Take the Main St exit toward  
CA-113/Woodland  
Turn left at E Main St  
Turn right at Pioneer Ave  
Turn left at Tanforan Ave

**From Davis or Vacaville:**

Take 113N  
Exit 113N/ East St. Turn Right  
Turn Right on Churchill Downs  
Turn Right on Santa Anita  
Turn Left at Tanforan Ave



For information contact  
Forrest Barton  
Phone: 530-383-9019  
E-mail: [CBarton328@aol.com](mailto:CBarton328@aol.com)

Date: Mar 5th 2016  
Time: 8:00pm -Midnight

**Web Site:**  
[www.WDARC.org](http://www.WDARC.org)

**Address:**  
NorCal Indoor Sports  
1460 Tanforan Ave  
Woodland, Ca 95776



**BOARD Meeting  
February 8, 2016  
By Mike O'Kane**

Members present: X Rich Geertson, X Jeff Lovitt, X John Eaton, X Mike O'Kane,  
       Monte Pate, X Jim MacDonald, X Kerry Roberson,  
Chris Dellinger, X Forrest Barton  
Meeting called to order by Rich Geertson  
Meeting agenda as posted on the Club forum with any following additions.

OLD Business  
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1. Picnic Tables; purchase approved at the last meeting.  
No action on this item since the last meeting.
2. Snack Shack water storage, Art Williams has picked up and stored the tank at the field, tank has an electric pump and will be used for non-potable clean-up.
4. News Letter, Editor Position is not a free membership, points are earned for the position. All members must join each year, life time members submit each year. John Eaton has proposed a modification of the process for the life time members to be automatically renewed and cards sent to these persons. Membership has been asked to submit articles for publications to the News Letter Editor, this is the Clubs Newsletter and reflects what WDA is about, take some time to draft an article.
5. Book keeping and account status: Question regarding the annual audit were asked, John and Jim commented that we are using a certified accountant to help with the Clubs filing and book work but an actual account audit is not performed by the CPA. Discussion was made regarding the lack of return on the bank account, Rich and John made comments regarding direction towards no load funds and other options. This item is continued.

**NEW BUSINESS:**

Clubs requirement to contact Growers Field. John has drafted a letter that will meet the Club requirement to notify Airports the Field is within 5 miles of our location. Draft was reviewed, John will follow-up with the Growers Field owner. Open item.

Modify LIFETIME membership renewal process.

John Eaton has proposed a New Method that will have the Club Membership Chair issue the new annual club membership. This item is open.

End of Board members terms. Forrest has pulled this information from previous NEWS LETTERS.

The list below is the order the current board was elected in.

2014 - Chris D. expires 2018

2013 - Rich G. - New 4 years, expires 2017

Randy S. - Replace Bill F. 3 years , Randy had 1yr left from Bill F. term

2012 - Bill F. expires 2016

2011 - Doug B. & Jeff L. Jeff's & Doug's terms were up and were due for re-election.

The Board will work out the assignment of Boards slots at the next meeting.  
Open item.

Forrest	Monte P.	Kerry	Jim M.
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The items listed have been closed at earlier meetings.

**From the Editor,  
Richard Geertson**

It was almost exactly four years ago that I relinquished the newsletter duties, turning them over the very capable hands of Glen Spaulding.

I know some of you are aware of the time it takes to put together a newsletter each month. Since we have gone completely "paperless," the time commitment is less, BUT one still must combine, spell and grammar check, format and collate the content, as well as search (and cajole) for addition content that may of interest to the membership.

MANY THANKS TO GLEN for the last 4 years of WDA Newsletters!

Going forward I don't intend to make many changes... instead, picking up where I left off 48 months ago.

As the club VP, I will also contribute content and, thanks to Mike O'Kane, have an agenda of both Old and New items posted each month on the Woodland Davis Aeromodelers Forums. IF you have not visited the WDA Forums, please do so. The link is on the

WDA web site at [wdarc.org](http://wdarc.org)

IF you cannot log in, please contact our web master, Kerry Roberson: [kroberson@jccomp.com](mailto:kroberson@jccomp.com)

You can also find us on Face Book, again the link is on the HOME page of [wdarc.org](http://wdarc.org)



**HOW can YOU  
help out?**

**An RC club is no different than any other volunteer organization.  
We're only as good as those who make the effort.**

- ♦ Flying Events—volunteers are always needed and appreciated
- ♦ Monthly meetings: Guest speakers, show n tell, coffee and donuts?
- ♦ Field Maintenance: Mowing, weed abatement, general upkeep, runway repairs
- ♦ Snack Shack
- ♦ Newsletter: CONTENT, pictures, event flyers, modeler's projects, product reviews...
- ♦ Flight Instruction and building/set up instruction for beginners
- ♦ Fund raisers: Swap Meets, T-shirts
- ♦ Community outreach: Glider demos, education presentations for schools, boy/girl Scout demos
- ♦ Donations



# Pro Bro, Friday and Saturday Feb. 26-27

Flying actually began Thursday Feb. 25th. Weather was absolutely beautiful all weekend, but Thursday had the best weather. One pilot went home, the other two stayed the night, making three of us. Friday was the best turn-out of pilots, about 20 pilots and 50 planes. I lost the purple plane Friday when my receiver battery died. 6 of us stayed each night through Sunday. We had one pilot travel down from Idaho, next biggest group of attendees were from the AMOS field.

We all bring extra planes and, unfortunately, they were needed... three planes in total this weekend met their demise! Thanks to the other local fields that opened for our members so we could have our fun fly.

Mo Culverwell

**There will be another Pro Bro at WDA,  
October 8-9, 2016.**

[www.theprofilebrotherhood.com](http://www.theprofilebrotherhood.com)



# WDA 2016 Events Calendar

<u>DATE</u>	<u>EVENT</u>
Apr 16-17	Float Fly #1
Apr 23-24	Pylon Race
May 14-15	49'er Qualifier
May 26-30	Castle
June 11	AMOS Warbirds
June 17-19	AMOS Jet Meet
June 25-26	AMA Pattern Contest
June 25-26	U/C Stunt Fest
July 16-17	Wings of Victory
July 17	U/C ARF Off
Aug 6	Golden Age
Aug 13	Old School R/C
Aug 21	Livermore Warbirds
Aug 20-21	U/C Goyet
Sept 5	Labor Day
Sept 9-10	WDA Jet Meet
Sept 14-18	Reno Air Races
Sept 17-18	U/C Meet n' Meat
Sept 22-24	Heli Masters
Sept 29-Oct 2	Scale Masters
Oct 8-9	Norcal Pro Bro



# What's UP? What's down..?



After a year as a hangar queen, Dr. Ken Martin decided it was high time to defy gravity again with his Aeroworks Edge 540. This is an older “kit” version of that great flying 3 meter plane. The plane had been dormant ever since the engine became balky and would not start or run reliably. The 3W157CS, while the absolute pinnacle of 150cc sized RC power, is subject to the same common carburetor maladies as even the cheapest Chinese import... whether it’s a Tillotson or Walbro carburetor, the fuel pump diaphragm requires occasional replacement. It isn’t a matter of IF, but WHEN. And if you’re running pump gas that also contains methanol, the pump diaphragm’s lifespan will be markedly reduced. I’ve never seen a carburetor “rebuild kit” that contained only the diaphragm, although 90% of the time, that is the ONLY part requiring replacement to get your gasser starting, idling and running perfectly again. I supposed it doesn’t hurt to re-

place the needle and seat and other assorted parts included in most kits. And it is vitally important to check, clean, and if necessary, replace the filter screen.

Ken brought the big Edge out for a test on Monday Feb 22nd, after a complete carb rebuild and the ‘Panzer tank’ 3W did not disappoint. The ‘CS’ series of 3W engines are ‘customized’ such that they produce more HP and torque than the standard 3Ws. With the correct 3W cannisters and carbon fiber Mejzlik 3 blade 29x12, the 157 pumps out about 18 HP and does so with a reasonably pleasant howl! Despite its bulk and approx. 40 pounds, the big Edge can be made to fly as if it were full of helium AND demonstrates a blistering roll rate!

Ken says he didn’t touch the needles, yet the 3W started and ran like a perfectly tuned Ferrari...

He let me have some stick time and I can honestly state that this Edge is the best flying aerobatic airplane I have ever had the pleasure to pilot.

Alas, never satisfied with simply awesome (and a hopeless gear-head) Ken already has a new engine in mind for the Edge... very unusual and very unique sounding... I will save that for a future column :-)



A gorgeous day at the field... wind was blowing about 13mph, but right down the runway!

# WDA Officers and Board

**President:** Jeff Lovitt (916) 889-3300

[jlovitt@sbcglobal.net](mailto:jlovitt@sbcglobal.net)

**VP:** Rich Geertson (707) 693-9537

[geertson@sbcglobal.net](mailto:geertson@sbcglobal.net)

**Secretary:** Mike O'kane (530) 796-4377

[mokane@cableview.tv](mailto:mokane@cableview.tv)

**Treasurer:** John Eaton (530) 681-5316

[johneaton@sbcglobal.net](mailto:johneaton@sbcglobal.net)

## Board members:

Forrest Barton (530) 662-6324

[cbarton328@aol.com](mailto:cbarton328@aol.com)

Jim MacDonald (530) 756-0269

[jdmacdonald@ucdavis.edu](mailto:jdmacdonald@ucdavis.edu)

Chris Dellinger (707) 446-9647

[cdellin@sbcglobal.net](mailto:cdellin@sbcglobal.net)

Monty Pate (530) 308-8050

[montypate@sbcglobal.net](mailto:montypate@sbcglobal.net)

Kerry Roberson (707) 447-2701

[kroberson@jccomp.com](mailto:kroberson@jccomp.com)

**WDA website**

[www.wdarc.org](http://www.wdarc.org)

**Woodland Davis Aeromodelers**

42875 County Rd. 29

Davis, CA

# WDA Cabinet

## Membership

Monty Pate (530) 308-8050 [montypate@sbcglobal.net](mailto:montypate@sbcglobal.net)

## Safety Officer

John Lett (916) 667-3627 [lettaviation@aol.com](mailto:lettaviation@aol.com)

## Field Maintenance

Ken Rumsey (530) 787-3076 [kenrumsey@sbcglobal.net](mailto:kenrumsey@sbcglobal.net)

## Points

Linda Welch (707) 451-1842 [loon12@aol.com](mailto:loon12@aol.com)

## Newsletter Editor

Richard Geertson (707) 693-9537 [geertson@sbcglobal.net](mailto:geertson@sbcglobal.net)

## Web

Kerry Roberson (707) 447-2701 [kroberson@jccomp.com](mailto:kroberson@jccomp.com)

## Club Advocacy

Lou Fox (530) 753-9331 [loujfox@yahoo.com](mailto:loujfox@yahoo.com)



# Flight Instruction

## Flight instructors:

⇒ John Eaton (530) 681-5316  
[johneaton@sbcglobal.net](mailto:johneaton@sbcglobal.net)

## Jet Turbine Instructors

⇒ OPEN

## Helicopter Instructor (Only):

⇒ OPEN



# Next Meeting: Monday, March 14th 7:00PM

Woodland Public Library "Leake" Rm., 250 1st St, Woodland, CA



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