

WOODLAND/DAVIS AEROMODELERS



March Newsletter 2019

Prez Sez: I can officially say I hate the sound of rain. I was going to say "February has gone bye with the patter of rain everywhere", but as I write this it is just pouring out my window. I think of the field photos from the last down-pour and hope that the field will not float away!

I have been working on the club's (\$50 dollar) used boat trailer for the float fly boat. Took all the fittings off; seems like I have been bead blasting parts for a week; painting then reinstalling them. Replaced the lights, the winch, the wood rails, the tires and rims, the wheel bearings, races and seals. Getting close... hope to paint the fenders and get the surface rust off the frame soon...if the rain ever lets up. Hope you are making good use of the rain to get some model building done. Kerry



NEXT WDA CLUB MEETING
Woodland Library, Leake Room
Monday Mar. 11th @ 7pm
Board meeting @ 6pm

Prez Sez	Kerry Roberson
Club Meeting Minutes	Mike Frint
Board Meeting Minutes	Mike Frint
Show N Tell	R. Geertson's Decathlon
What's On the Building Board?	Jeff Lovitt's Pica
	Duellist and Monty Welch's F4-D
2019 Events Calendar	
Event Flyers	

February 11, 2019 General Meeting Minutes

Board Members/Officers present: President: Kerry Roberson, Treasurer: John Eaton, Secretary: Mike Frint. Board Members: Doug Barton, Sheldon Berkowitz, Mike O'Kane, Danny Winters. **Absent:** Vice President: Doug Vice, Board Member: Chris Dellinger. Safety Officer: John Lett.

The meeting, held at the Woodland Public Library, was called to order by Kerry Roberson at 1907 hours. Nineteen members were present. No guests or new members.

A motion was made by Art Williams to approve last month's minutes. The motion was seconded by Roy Holmes and adopted with no opposition.

Officer reports:

President: Nothing to report

Vice President: Doug was absent.

Treasurer: Money came in for membership dues.

Secretary: Mentioned the latest e-mail scam-see Board minutes

Membership: Currently 70 members are paid up.

Safety: John was absent.

Chair reports: **Field:** Field Chair Doug Vice was absent. No work party is planned.

Newsletter: Rich stated he would appreciate members contributing to the newsletter.

Website: Kerry reported that the site is up to date.

Points: Stein was absent.

Other: Discussion ensued that someone had driven into the field and got stuck by the connex boxes while trying to access the house across from the field. How did they get in? (Later I was told there is access at the south end of the field.)

Old Business: **Power/electrical supplies and Boat trailer-**the discussions from the board meeting were summarized. Doug B. added that he may have tires that will fit the trailer. Doug also pointed out that the low water crossing on Road 29 is not to be used because of the rains.

New Business: **Runway centerline indicators-**they are in place. **Gate sign-**Forrest suggested that we put a sign

on the gate with club information. See Board minutes for why. Kerry said if anybody wants points they could work on this project. Pete Cunha said he has had to give visitors this same kind of information.

Upcoming events: Jet Fly April 4-7. Jeff Lovitt said he needs some help with this event. The field will need to be cleaned up. A plan or work party will need to be made for field cleanup. He said will ask Ben about running the snack shack. We are also going to need a lot of help as the club has events planned for three weekends in May. Float Fly is May 3-5. Helicopter Scalemasters is May 9-11. Pylon race is May 18-19. Then the Castle event is May 23-27. Rich G. suggested that we put a list in the newsletter of tasks members can do to earn points. Forrest also suggested that any tasks created during the Board meetings could be on this list as well. Mike O. thought these kinds of things used to be on the club membership applications. Wings of Victory has been added to the event list for June 28-30.

Toilet Seat Nominations: There were a couple of nominees but it was decided that this award should go to someone only if they do something really, really stupid. Kerry then asked if anyone has been flying. This turned into short story telling session about Forrest's F-14 model and Kerry's C-130 ARF model that has had a lot of problems including six factory installed servos that failed in the first ten minutes.

Auction plane: Kerry had a donated trainer model that was auctioned off. Bidding started at 40 dollars and ended at 85 dollars. Highest bidder was Mike O'Kane. It is a Top Flite Sierra. It has a O.S. .40 FP-RN and appears well built. It came with a field box that included a power panel, electric starter and fuel pump. Quite a good deal for what he got.

Lock combination change: Keith Young asked about this. The combination is on the back of your new membership cards. The lock will be changed soon.

Show and Tell: Rich Geertson brought in his one-third scale Super Decathlon built from Wendell Hostetler plans. <https://www.hostetlersplans.com> Rich's model was modified into the Super Decathlon XD (Xtreme Decathlon) version. The construction of this model really blurs the lines between full-scale and modeling as it is covered with Stits Lite <http://www.stits.com/store/stits.html>, a covering and paint process that very closely resembles full-scale methods. The model was weighed and balanced with a system made by Xicoy (Digital Weight & Balance CG Meter) that Rich purchased from Chief Aircraft. <http://www.chiefaircraft.com/xcy-cgmeter.html>. The model is powered with a DA-120 two cylinder gas

engine <https://www.desertaircraft.com> swinging a Polish hand made carbon fiber and wood Biela 28x12 propeller. <http://www.aircraftinternational.com/Products/Propellers/BielaPropellers.aspx>;

32 ounce Rotoflow gas tank and 50 ounce DuBro smoke tank.

The model features operational Navigation lights and a Sullivan SkyWriter smoke system. TruTurn 4.5" aluminum spinner.

(see pictures next page)

The meeting was adjourned at 2028 hours.

February 11, 2019 Board Meeting Minutes

Board Members/Officers present: President: Kerry Roberson, Treasurer: John Eaton, Secretary: Mike Frint. Board Members: Doug Barton, Sheldon Berkowitz, Mike O'Kane, Danny Winters. **Absent:** Vice President: Doug Vice, Board Member: Chris Dellinger, Safety Officer: John Lett.

The meeting, held at the Woodland Public Library, was called to order by Kerry Roberson at 1801 hours. The meeting started with eight members present and ended with a total of thirteen. No guests or new members.

The meeting started with a discussion of last month's minutes. After discussion and agreement, Mike O. made a motion to approve the minutes as written. The motion was seconded and adopted without opposition.

Membership: John reports seventy members paid up.

Old Business: Church building for the control line field-Doug B. reported that the control line flyers have given up on this idea. However, Doug did obtain a large BBQ grill. **E-mail scams**-The secretary reported that the e-mail scams are looking more realistic and this time the scammer wanted him to purchase gift cards for our president and that he would be paid back on Monday. (They knew it was meeting night.) **Power/electrical supplies**-a P.G. and E. representative came out to look at the field. Doug V. has also been working on a power plan. It looks like it would be about ten grand to put in aluminum lines and twice that for copper wires. The plan would be about 1200 feet of wire. With line loss we would need a 40 amp circuit to get 15 amps at the end. Mike O. suggested that P.G. and E. should put in a 100 amp circuit. Sheldon questioned the need for this. Kerry said we need more power to pump water as we are not getting water from the farmers like we thought we would. **UC Davis**-John asked them if they have any buildings, they don't. He did learn their sources. **Other buildings**- Mike O. is looking at a source in Esparto. **Shade Structure**-nothing new. **Memorial plaque** for Milt DeGroot-not yet mounted at the field. **Boat Trailer**-Via an e-mail vote of the Board (7 ayes) we allocated

funds to purchase a trailer for 50 dollars from a Craig's List ad and up to 300 dollars to repair it. It will be taken to Chris's house where it can be rewired, cleaned up and have new tires installed. It will then be registered with the DMV. Mike O. and Doug both stated that the best source for parts would be Tractor Supply. Mike O. suggested getting a spare tire too.

Event report: There was a gathering of motor homes and folks at the field in the days prior to Chilly and Chili. Kerry was sorry he didn't know about it and felt others missed it too.

New Business: Windsock-where and how to install it? Discussion ensued. Doug B. will install it along the cow fence with two inch PVC pipe about seven feet above ground. It will be moved if needed. **Work Party?** A work party is not needed at this time. **Runway center-line marker barrels**-have been placed at the runway ends. Stein painted them. Doug B. marked the spots and Bill McGaughey and Art Williams have mounted them at the north and south field boundaries. **Jim Saare trailer** -Jim is in the process of moving, along with other issues, he can't find a place to put his camping trailer. After discussion, Doug B. made a motion that we allow Jim to park his trailer temporarily in the field parking lot. The motion was seconded and adopted with no opposition. **Other**-Mike O. was called by his former employer, the FAA, to be a board member dealing with UAS issues. Mike says we need to pay attention to goings on regarding regulations. **FAA registration cards**-the cards and numbers the FAA made us pay five dollars for are now expiring. Make sure to renew yours. **Non-members using the field**-some folks (four boys, one woman) walked on to the locked field and one was flying. Danny and Forrest happened to come by. The mother knew Forrest. At least one young man flying had saved his own money to buy an airplane and was smart enough to not fly it in a local park. It was suggested that we put a sign on the gate with club information and the words "private property" "members only" etc. **Other**-Doug B. (only) received an unusual e-mail asking what his rates for instruction were.

Upcoming events: Jet event-April 5-7, Float fly-May 3-5. Monty Welch wants to add Wings of Victory to the schedule on June 28-30. A motion was made by Sheldon that we allow Monty to do this. The motion was seconded by Danny and passed with no opposition. The field will be open at 1 pm Sunday for open flying. Rich Geertson is looking at early September for the old school event and October for the Golden Age event. Kerry wants to know if we want to do anything for National Model Aviation day August 17. Doug B. suggested we get our name on the list with AMA. Kerry will do further research.

Meeting adjourned at 1851 hours.



My Xtreme Decathlon was flown for the first time on Sunday Feb. 24th. With 3 clicks of aileron trim, the plane was flying hands off, straight and level. The DA120 provides unlimited vertical performance and the Sullivan SkyWriter smoke system and Big Dog smoke jets produced ample quantities of smoke. The airplane flies like a dream and is fully aerobatic, while also slowing down nicely for controllable landings. Weather for the maiden wasn't ideal, with 8-10 mph winds and temps in the upper 40's, low 50's, but the engine was happy :-). The pilot/builder is also VERY happy with the final product and looks forward to many fun flights.

Richard Geertson

What's on the Building Board?

From the shop of Jeff Lovitt: There's been a lot of chatter about old school, retro models lately. One location where I have been seeing lots of that is on a page on Facebook called "pattern planes of all eras." Lots of new and old stuff to get the building and flying juices flowing.

I had been thinking of a good retro old school project to get into, and I've always lamented the Pica Duelist kit that I started and never finished, then traded away. Well, I mentioned this to Forrest Barton after the last meeting. Forrest's eyebrow went up... he told me he had a Duelist that had been largely framed up by Jim Moya, and when Jim's things were sold off, this one was left behind. Forrest brought it home and set it aside.

I dropped by a few weeks ago and picked it up and what you see in the photos is what I have on my hands. Mostly all built, sitting on Kraft wheels and Rhom air retracts that still hold air and cycle perfectly. Missing a canopy and some wood, but I have been able to secure two new in box OS 40 FSR ringed ball bearing schneurle-ported engines from the hey-day of the Duelist--probably about 1980 or so. I will be forgoing the original radios of the day and keeping the radio equipment all modern. A nice blend of old and new!

I also have the 1978 issue of Model Airplane News (from my Dad's stash), which shows the plans and construction article for his Mark II version of the Duelist, which does differ from the design he came up with for Pica, who kitted the most recognizable version of the model. I plan to incorporate some of the changes from the Mark II version into this one.

Anyway, if there is interest I hope to share a little bit of the process of finishing this one off and hope to have it ready for an upcoming Old School Jamboree.

See you at the field!

Jeff



SKYRAY Build Part 1

This is a Mark Frankel kit. No pre-cut wood parts. In order to transfer the parts outline to the wood, I used the hot iron method. For those not familiar with this method it consists of putting the plans print face down on the wood, and with hot iron, iron the plans outline onto the wood. Being very careful not to let the plans slip. I used T pins to hold it in place. Some of the plywood I had to cut, the iron did not transfer the plans outline to the wood, so I had to use 3M spray adhesive to attach the outline to the wood. I then cut the parts out using my dremel saw.

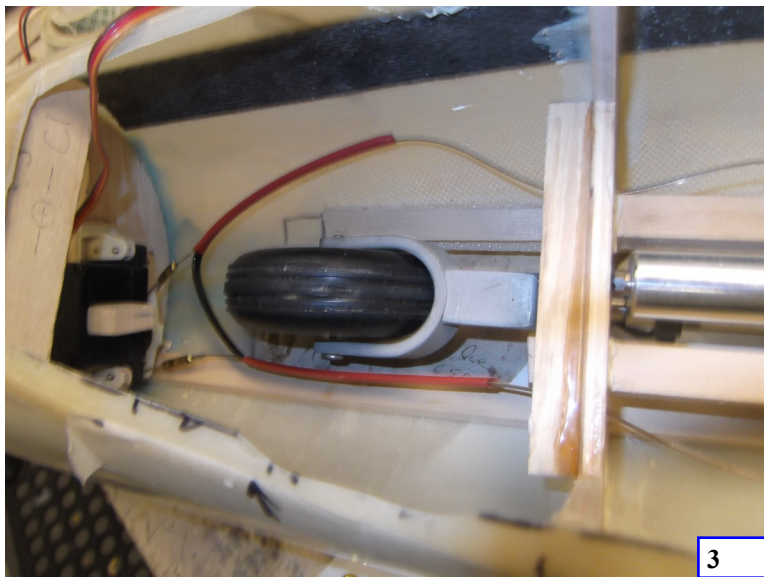
- #1 Pic. Shows the cut out parts along with other equipment and engine being installed in the plane.
- #2 Pic The plans call for the Nose Cone to be removable, to gain access to the batteries and nose wheel steering servo. However the nose cone was about 1/4" too small in diameter to make that work. So I had to split the nose cone on the bottom and expand it 1/4". I used thin plywood and filler to cover this area. I knew there was no way I would be able to make this nose cone fit properly on the fuselage nose. So what I did was.. I made a bulkhead of 1/2" thick balsa wood and fitted that to the nose cone and the nose of the plane. In order to gain access to the batteries I cut a large hole in the top half of that nose cone plate. That way I could put batteries thru that hole. The other half of that bulkhead I used to mount a servo for nose wheel steering.
- #3 Pic. This shows the steering servo with steering cables. In order to keep the steering cables from tangling up with the extension and retraction of the nose gear, I installed a wire tie in a "U" shape onto the steering cables held in place by heat shrink tubing. This keeps the steering cables out of the way of the gear as it extends and retracts. Underneath the steering servo is the hole I cut for access for battery installation.
- #4 Pic. This shows the test alignment of the engine mounting and its formers. In order to put this unit into the engine bay, I had to split the formers in two, and then after installing them I glued them in place.
- #5 Pic. This shows the aeropoxy glue gun used to glue all the internal parts into the fuselage. It took almost 3 tubes of glue.
- #6 Pic. Installation of the air inlet ducts.
- #7 Pic. The canopy is a 2 piece consisting of a fiberglass shell with a clear canopy installed inside that shell.
- #8 Pic. This shows after I cut out the outline of the clear parts for the canopy.
- #9 Pic. This shows the test fitting of most of the equipment etc. Engine, fuel tanks, UAT, air pressure gauges, retract servo and brake system.



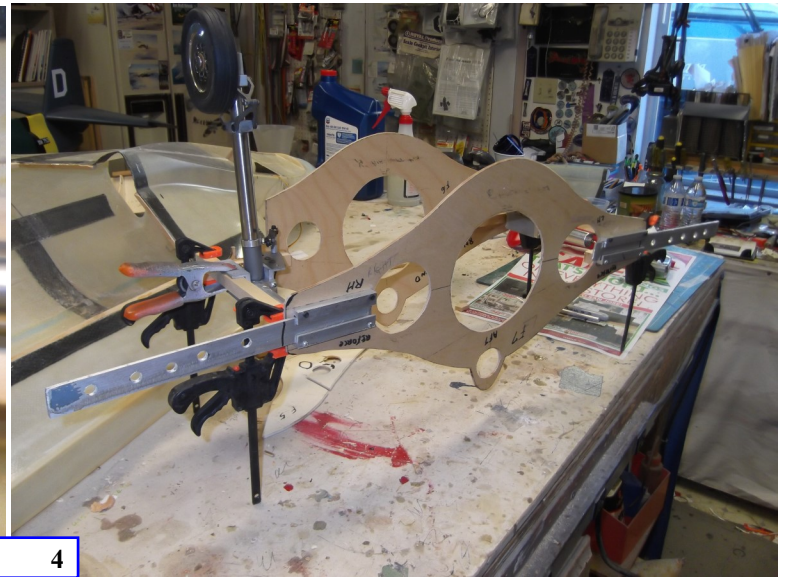
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ROLE: FIGHTER AIRCRAFT
FIRST FLIGHT: 23 JANUARY 1951

MANUFACTURER: DOUGLAS AIRCRAFT COMPANY
INTRODUCTION: 1956



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6

RETIRED: 1964
PRODUCED: 1950-1958
DEVELOPED INTO: DOUGLAS F5D SKYLANCER

PRIMARY USERS: U.S. NAVY, U.S. MARINE CORPS
NUMBER BUILT: 422

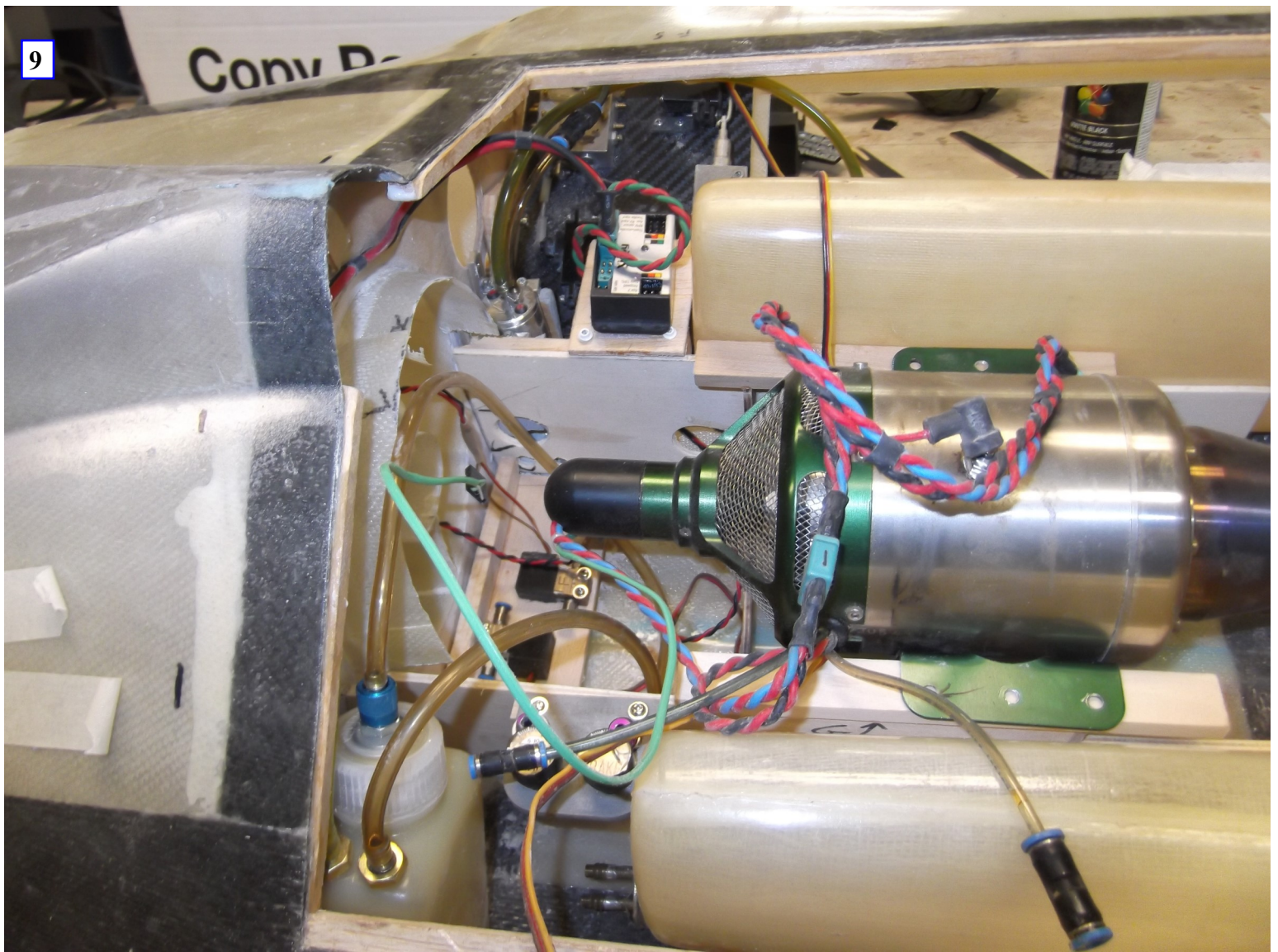


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DOUGLAS F4D-1 SKYRAY (DOD.US.GOV)

Keith Young and his drone



After the recent torrential rains, Keith took photos of our flooded field, including the photo on the first page of this newsletter...



2019 WDA Events

<u>Date</u>	<u>Site</u>	<u>Event</u>	<u>Name</u>
Apr 5-7/2019	Woodland	Jet Fly	Norcal Afterburner
May 3-5/2019	Lake Minden	Float Fly	WDA Float Fly #1
May 9-11/2019	Woodland	Heli	Helicopter Scale Masters
May 18-19/2019	Woodland	Pylon	Fred Burgdorf Memorial
June 28-30 2019	Woodland	Warbird	Wings of Victory
Aug 3 2019	Woodland	Scale	Golden Age
Aug 24-25/2019	Woodland	U/C Stunt	Goyet Meet
Sept 7-8/2019	Woodland	Pattern	Pattern Spectacular
Sept 21-22/2019	Woodland	U/C Stunt	Meet n' Meat
Sept 28 2019	Woodland	Fun Fly	Old School Jamboree
Oct 4-6/2019	Lake Minden	Float Fly	WDA Float Fly #2

2019 non-WDA Events

<u>Date</u>	<u>Site</u>	<u>Event</u>	<u>Name</u>
Mar 30-31/2019	Gold Country Flyers	U/C Combat	Gold County Combat Dual
Mar 30-31/2019	Travis AFB	Airshow	Travis Air Fair
Apr 13-14/2019	Davis	Glider	2019 SVSS Spring Fling
Apr 26-28/2019	Los Banos	Aero Tow	Los Banos Scale Aero Tow
May 4-5/2019	Oakdale	IMAC	Oakdale IMAC Spring Fling
May 4-5/2019	Watsonville	Slope Soaring	Sunset Beach Camp n' Fly
May 12-19/2019	Camp Far West	Float	Camp Far West Float Fly
May 23-27/2019	Atwater	Giant Scale	Castle 2018 22st/5th Annual
June 1 2019	Hiller Aviation Museum	Demo	Biggest Little Airshow
June 20-23/2019	Livermore Heli Ranch	Heli	Rotorfest 2018
July 20, 2019	Sac- Rats	Warbirds	Warbirds
Aug 17, 2019	Livermore	Warbirds	
Aug 24-25/2019	Sac-Rats	WW1	Waldo Pepper
Sept 11-15/2019	Stead Field	Air Races	Reno Air Races
Sept 20-22/2019	Snelling, CA	Float Fly	28th Lake McSwain Float Fly
Sept 21-22/2019	Lemoore NAS	Airshow	Lemoore Open House

Woodland Davis Aeromodelers

is celebrating the

25th WINGS OF VICTORY

June 28-30 2019



TBF AVENGER
Torpedo Bomber
(Kellogg Kit)

Aircraft must be in
appropriate warbird
colors

Open flying after Noon Sunday

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

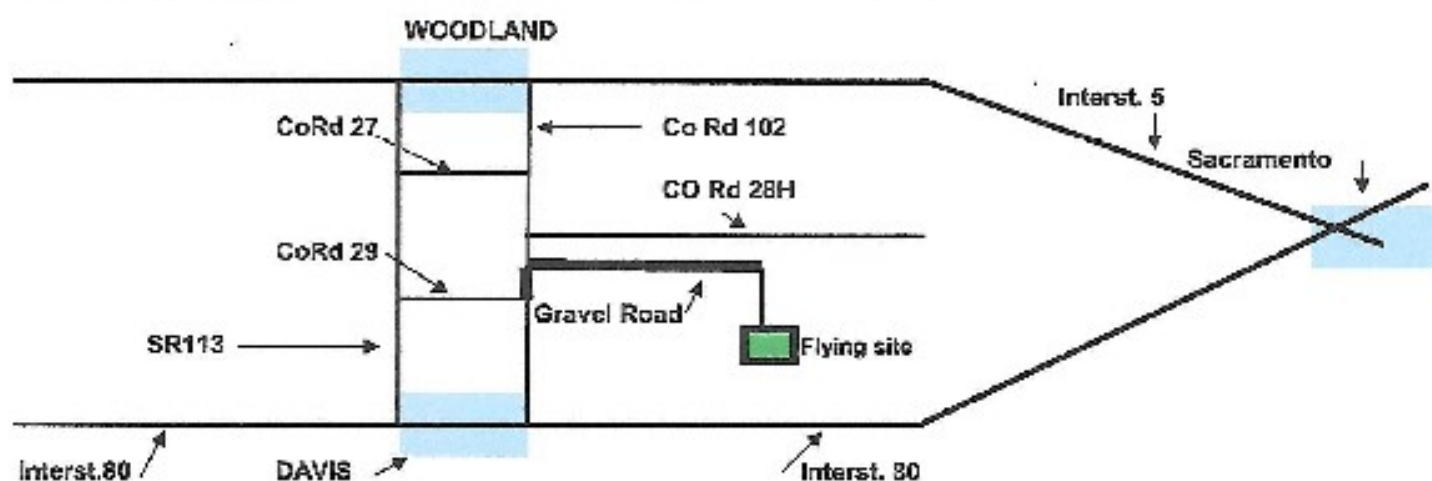
Camping and RVs allowed... No Hook-ups
Restrooms and Snack shack on site

Registration for the 3 day event is \$25
includes free Hamburger or Hot Dog

CD for the event: Monty Welch
cell phone 707-365-8878

No raffle-No trophies
Just come and fly

Electric A/C OK
Must be ROG capable



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

WDA website: www.wdarc.org



Join us for the
**7th Annual
Central Coast**



Giant Scale Fly-In

July 25th - 28th, 2019

Hosted by the Tri-Valley RC Modelers of Santa Maria, Ca.
AMA Gold Leader Club #170

The facts:

- ♦ Landing Fee: Only \$25.
Includes: Parking, lunch on Saturday, and a raffle ticket;
- ♦ Dry camping for \$10/night;
- ♦ Pre-register @ rcflightdeck.com;
- ♦ Only giant scale planes until 5pm;
(Mono 80", Biplanes 60");
- ♦ Proof of current AMA required;
- ♦ Early arrival by pre-arrangement.

The fun stuff:

- ♦ World Famous Santa Maria Style BBQ dinner on Saturday night;
- ♦ Beautiful Santa Maria weather;
- ♦ Food & drinks available daily;
- ♦ 500' paved runway, expanded pit area, shade, and electricity;
- ♦ Open flying after 5pm;
- ♦ Outdoor Movie Saturday Night;
- ♦ Pilot's Raffle.

Qs? Call Chuck Barnes (805) 886-7921 or email Cdbarnes10@comcast.net



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Flight instructors:

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⇒ Carlos Reyes (650) 243-8894
carsi@hotmail.com

Jet Turbine Instructors

⇒ OPEN

Helicopter Instructor (Only):

⇒ OPEN



Next Club Meeting: Mar. 11th at 7pm
Woodland Public Library "Leake" Rm., 250 1st St, Woodland, CA



WOODLAND/DAVIS AEROMODELERS
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