42875 County Rd. 29 Davis, CA

It's already the end of sum-

mer, and now we look to the fall and two big events coming up. The Heli Masters and the US Scale Masters Championships are coming up at the end of September and we he lots of opportunities for members to come out and help make these events successful. These events are a great chance for us to represent our community, share our facility and make some money for the treasury. It takes a substantial effort to set up the field, prepare food, and handle the reqistration and judging of these events. We can't do it without the membership stepping forward to help. Lately, there has not been a large showing of help beyond a fairly small core of members. I know that folks have been asking about getting the lunch shade area put back in place after the windstorm in December that brought it down. We've been through a process to find materials suitable for the task and a design that will address the needs of the club. We are in the midst of this project now, and we've had two work parties at the site and some work that has been coordinated off site. We have work that remains to finish concrete placements, grade the area, prime and paint the steel, string the cables and lace up the blue shade material. There will be a work party on Saturday September 10 to rig the cables and shade material.

The club used to have a long standing policy of closing the field when there was a work party. This was in part for safety so that work could be done on the runway or beyond without impacting the safety of workers. It was also done to make sure that we don't have individuals working, giving up their flying time while others fly. This policy was well enforced in those days because we had regular work parties, at least bi monthly to keep the field up, and we also had some dedicated individuals who stepped up to the plate and held the field chair role. Those people really helped set a tone for the maintenance of the field. They helped generate a list of activities that needed getting done, sourced materials so that it was ready for a work party, and saw to it that the workers who were out there were appreciated for their efforts by restricting access to the field out of respect for

their efforts. I will be asking the board at the next meeting to reinstate this policy so that all members know that if there is a work party scheduled in advance that the field will be closed until it has been reopened for flying on that day. Usually this was done by 12 noon.

I see lots of examples where a lone person or a few individuals are giving a great deal of their time and resources to the club. That may mean additional trips out to the field to handle mowing and irrigation chores. It may mean meeting a vendor at the field to receive materials delivered, helping a new flyer to become a certified pilot. All of these efforts make the field what it is and my fear is that when individuals continue to take on tasks that aren't being done, there is a point where we burn out. This a hobby and it needs to be fun. Let's all see what we can do to help. Many hands make quick work.

Labor Day is coming up this weekend, I hope to see everyone out enjoying the beautiful fall flying weather. The best time of year around here in my opinion. If you have something new or an event that you've attended to share, please let me know. The meetings are best when there are lots of models on display and talk about building/flying them.

That's all for now.

Jeff

- **Prez Sez**
- **August Meeting Minutes**
- Aug. Bd. Meeting Minutes
- Modeler's Corner
- 10th Annual Golden Age Fly In
- **Old School RC Jamboree**
- Indoor Flying
- **Upcoming Events**
- **Delta Valley Modelers Mini FEST**
- Vintage RC Society Northwest Fly In



Jeff Lovitt

Mike O'Kane

Mike O'Kane

R. Geertson

R. Geertson

R. Geertson

Forrest Baron

August 8th General Meeting Minutes

Members present: X Jeff Lovitt, X Rich Geertson,
X John Eaton, X Mike O'Kane,
X Monte Pate, Kerry Roberson X Forrest
Barton Jim MacDonald Chris Dellinger
Meeting called to order by Jeff Lovitt.
l and manufactured and included manufactured and

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

Recognition of guests and new members.

Officer reports:

<u>President:</u> Jeff called the meeting to order, thanked everyone present for attending and asked for any new or potential members to introduce themselves.

<u>Vice President:</u> Rich Geertson recapped the Board Minutes listed in the Board meeting minutes.

Treasurer: John Eaton reported on Club treasury status. **Secretary:** Mike talked about Public Law 112-9, section 336 regarding modelers and mentioned the 14 CFR part 107 rule is scheduled to become effective at 0001hrs 8/29/2016 Eastern time

Chair Reports:

Membership: Monte Pate arrived as the meeting progressed, John Eaton filled in on Monte's behalf and reports 109 members are registered as of tonight's meeting.

<u>Safety:</u> John Lett demonstrated a Zenoah 65cc electronic ignition system and showed the plug will fire at power up and discussed the safety hazards of this system.

Field Chair:

News Letter: Rich Geertson is the current editor and is always looking for picture and content for the NEWS letter

<u>Points Chair:</u> Linda Reports Kerry has been sent all the current signup sheets.

<u>WEB PAGE:</u> Kerry Roberson reports WEB page will be current in the coming week current

Events Reports: Wings: Good Turnout.

Golden Age: 15 models, Chris Dellinger lost his Ryan P20 when wing failed during mock dogfight with Monty Welch. Rich reported seeing some new faces for this event.

Indoor: Forrest Barton reported on the event which continues to have good turnouts. He reported that there will be a rtf raffle plane for entered pilots at the next event. Free Flight: The Cloud Tramp mass flight was successful with 15 models. Doug Bartons model had the best time of the day for our group at 23.62 seconds. This event was held at the same time around the country and around the world. It was reported that some modelers were participating at odd hours to keep up with everyone around the world doing this eve at the same time.

CL: The ARF-Off event was held in July, and the winners received stacks of quality contest balsa wood so that the winners could build their own new airplane. Great Idea! The June summer stunt fest had 24 planes, 18 pilots flying stunt, profile and AMA.

Upcoming Events:

Labor Day: Giant Scale mini festival at Kingdon coming up.

Heli Masters: Coming up, Mike O'Kane and Gonzalo will be looking for helpers.

US Scale Masters: Coming up end of September/ beginning of October. We will need help with food, parking, field setup, flight line bosses, Ready box coordinators, scoresheet runners, and registration help. Please see Jeff Lovitt.

Show and tell: Rich Geertson presented his Byron Gee Bee R2 for display. He has recently completed the project and was showing it off for the first time. It has not been flown yet. It weighs about 24 lbs, has a Saito 61 cc 4 stroke gas twin and a Futaba Radio. The finish is all spray cans and some vinyl cut graphics. The aircraft looks great!

August 8th Board Meeting Minutes

Mei	mbers present:	<u>X</u> R	ıch Geertson, _	<u>X</u>	Jeff Lovitt, 2
John	n Eaton, X	Mike O	'Kane,		
	_ Monte Pate, _	Jim N	MacDonald, _	_ Ke	rry Roberson,
X	Chris Dellinge	er, <u>X</u>	Forrest Barto	n	

Meeting called to order by Rich Geertson Meeting agenda as posted on the Club forum with any following additions.

OLD Business

- 1. Picnic Table Order: Kits have been delivered and assembled
- 2. Purchase of a temperature alarm for the Snack Shack Freezer is still and open item.
- 3. Bylaw edit, details of this are being reviewed and will be posted at the next meeting.
- 4. Shade structure engineering, John will circulate via e-mail before the next meeting at which time plans will be discussed.
- 5. Water to irrigate the grass has been intermittent due to land owner that supplies us water is having well/pump issues.

NEW Business:

 Discussion regarding consideration to install a lift pump that will draw water from the slough, block off the adjoining ditches to keep the water for WDA use. Further discussion anticipated.

Meeting Adjourned

Modelers Corner...

My Ikon N W'st Mr. Mulligan has been idle for quite some time, not having an engine... and the design simply doesn't lend itself to slope soaring (unless you can find one REALLY BIG slope!) ;-)

The last time I flew it was with a DA70 twin... a good powerplant for this 96" bird, but handling was atrocious, I believe, because the plane was tail heavy, although it really didn't exhibit the classic symptoms. It's previous powerplants: DA100 and Evolution 99cc radial, seemed to be a much better match as far as balance, although the plane has NEVER been what I would call a



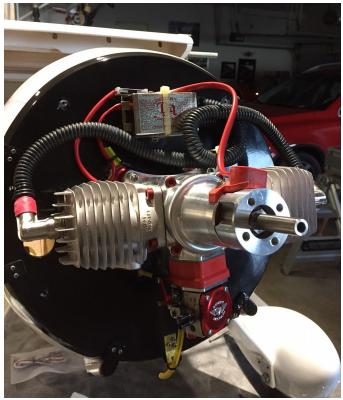
"docile" handling aircraft. Anyone who thinks this race plane is just a faster version of a Cub, has never flow one! When doing some routine maintenance, I was shocked to find the right cylinder of the DA70 had been COOKED! It had gotten so hot the spark plug cap internals were literally ash and pieces of the piston dome had flaked off!! I sent the engine into DA and openly admitted that my baffling had been less than ideal. However, DA said they had never seen this much damage to only ONE CYLINDER even if the engine was poorly baffled..? They suspected an ignition problem and did all repairs PLUS ignition replacement at NO CHARGE! (still NO FINER CUSTOMER SERVICE than DA..!!) The rebuilt DA was installed on my Extra 300 and

proved a wonderful combo.



Never one to leave well enough alone (and just to be different), I replaced the DA70 with a "TorqPro 70." This engine appears to be a VERY sturdy 70cc four stroke single. Although still new, I would say it won't provide quite the aerobatic power of the DA70, but BOY HOWDY, does it SPIN a big chunk o' lumber and growl like a 4 pak-a-day John Deere tractor!! I have a blast just listening to it roar past! The DA is back on the nose of Mr. Mulligan, only this time, I am adding a Frank Tiano 25% scale dummy radial. I purposely chose this dummy based

on its very high 12 ounce weight, as the Mulligan NEEDS this to balance. The scale surface details of this FTE radial are impressive, but LOTS more work will be required before it looks like a real engine. Several challenges immediately became obvious: HOW to mount the cowl? HOW to center the dummy and mount it? HOW to baffle the engine? And HOW to finish the dummy for a good scale look...







This will have to be continued next month, but I wanted to share some photos and explain how I am addressing these modeling challenges.... First, HOW to mount the cowl..? As the cowl was originally mounted with four internal mounting tabs and screws FROM THE FRONT, I could no longer access these screws once a dummy and backing plate were installed, so I had to devise a mounting method from the rear opening of the cowl. This was more tedious than difficult, as it required some accurate measurements and mounting/removing of the cowl many times. You can see from the pictures the brackets I made from aluminum stock and how the cowl is now mounted. The four wood mounting tabs inside the cowl now have blind nuts to receive the cowl bolts. Centering the dummy radial required that I make a round mounting plate which I glued to the front of the dummy and bolted to the DA prop drive. You will notice there is a second ply mounting ring behind the actual mount.. This spaces the dummy back behind the DA70 prop hub face 1/8". These ply mounting plates will be sanded off once the dummy is mounted to the interior of the cowl, which I have yet to do. For any cowled engine, prop-

er air flow is essential. The rule of thumb is 3 times more outlet area than inlet area. For this project, I have cut openings in the ply

backing plate to limit cooling air so that it is directed only over the cylinders and heads. Having found that I originally cut this ply plate slightly too small in diameter, I had to expand the diameter by adding more ply pieces around its perimeter. Don't know about you, but I recoil at the idea of throwing away perfectly good plywood! I find myself piecing together smaller play pieces to create larger objects. YES, it is more work,



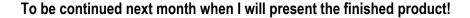


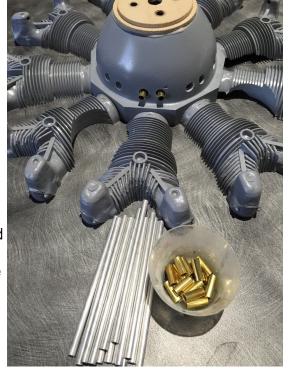


but I like the idea of fully utilizing materials and maximizing my investment in same. Once I have created my "patchwork quilt" of ply pieces into a single unit, I apply glass cloth to both sides of the plate to add the necessary strength.

My air inlet cut-outs are really a "best guess" at what I think will work, but I have found that LIMITING incoming air (as opposed to increasing outlet) is the most effective strategy when trying to achieve the 1:3 ratio.

The dummy itself is requiring substantially more effort to create scale pushrod tubes as, unlike fiberglass or plastic dummies, this cast resin dummy is very thick and there is no "wiggle room" for finagling pushrod tubes into their respective holes. Drilling the holes was also quite a challenge, as even my 90 degree Dremel head and the shortest of bits would not quite allow a straight line to drill the holes. Per the instructions that accompanied the dummy on "detailing," I have elected to reproduce the scale cam followers that would be a part of the casting. This required over-sized holes be drilled into the case, then a copper sleeve inserted and lined up with each pushrod tube. Each sleeve is then thick CA'd in place and will later be filled-in with a mixture of epoxy and micro-balloons. Many sections of tubing needed to be cut (18 for the cam follower casting portion and 18 for the pushrod tubes).





10th Annual GOLDEN AGE OF AVIATION Event by Rich Geertson

August 6, 2016 marked the 10th anniversary of the Golden Age of Aviation Event! We had a good turn-out of pilots and the weather was great! With 10 registered pilots and 15 aircraft, flying was constant from the 9am pilot's briefing until we wrapped up at 3pm. A YouTube video of the event is available on our website at wdarc.org "Photos" section. There are also more photos of the event on our Facebook page. As in the past, ANY aircraft that flew PRIOR to WWII, was welcomed, as were RC assist Old Timers. SPECIAL THANKS to Ben Ponzo (and Dan Cardoza) for running the Snack Shack and providing hungry pilots with hamburgers, hot dogs, chips and drinks! Also, SPECIAL THANKS to the intrepid volunteers who continue to groom and maintain our flying field… IT LOOKED (and functioned) FANTASTIC!!!



Old School RC Jamboree by Rich Geertson

August 13, 2016 we had our 3rd annual "Old School RC Jamboree" fly in. Officially, the event is part of the Vintage RC Society roster of events, although my aircraft requirements depart from the VRCS official rules, which dictate ALL ENTRIES must be designs from 1980 and before. Under my rules, all entries must be: 1) Built up from a kit 2) GLOW powered. When I conceived of this event, I had no knowledge of the VRCS. My goal was and is to promote BUILDING RC models and to limit power to glow to hearken back to an earlier time in our hobby and to encourage the use of these wonderful engines. Each year we have a Pilot's Choice for "Best Old School" aircraft. While the choice is subjective, the 'ideal winner' would not only be a vintage design (silked and doped), but vintage engine and radio! To date, we have yet to see anyone risking their model with a "vintage" RC, but I am hopeful that next year, that scenario may change... Admittedly, it is very difficult to justify the use of vintage RC equipment when we have such versatile and reliable gear today. To a lesser extent, the same applies to vintage engines and finishes. We had some very high quality entries this year, most notably from Bruce Tharpe, who traveled all the way from Medford, Oregon with his "VRCS Air Force" to attend this event. You may know Bruce from his pristine quality model kits (of the same name). Bruce's aircraft entries included a "Candy" - a 1963 Cliff Weirick design built from RCM plans; an "Esquire" built from an original Midwest kit; "Quickie" - a 1972 Fred Reese design built from RCM plans; and an original ACE "Super Pacer." Every model was expertly built/finished and Bruce flew them all. With 11 registered pilots and 22 aircraft, this year's event was the best attended to date! It seems we "vintage" types are having a ball returning to our 'RC roots' and I encourage YOU to begin planning your project for next year's OLD SCHOOL RC JAMBOREE. Special THANKS to Doug Barton for getting this event AMA sanctioned! MORE PHOTOS on our Facebook page: Woodland Davis Aeromodelers! Also, check out the Vintage RC Society website: http://www.vintagercsociety.org/





(above) Pilot's briefing
(below) Jim Spurlock preps his Tom Brett design 'Perigee' for flight

(above) Bruce Tharpe's "VRCS air force" (below) Rich Geertson's Taurus







INDOOR FLYING IS BACK!!!

Indoor Fun-Fly

Saturday 17 Sept - 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 in surance 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

From Davis or Vacaville:

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

Take 113N

on site. We look forward to seeing everyone there.





For information contact Forrest Barton Phone: 530-383-9019 E-mail: CBarton328@aol.com

Date: Sept 17th 2016 Time: 8:00pm -Midnight

Web Site: www.WDARC.org Address:

NorCal Indoor Sports 1460 Tanforan Ave Woodland, Ca 95776



WDA 2016 Events Calendar

<u>DATE</u> <u>EVENT</u>

Sept 2, 3 Vintage RC Society Northwest Fly-in Medford, OR

Sept 2, 3, 4 Delta Valley Modelers Mini FEST

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 1, 2 CA Capitol Air Show, Mather AFB

Oct 7-9 Lake Minden Float Fly

Oct 8-9 Norcal Pro Bro

Nov 4-6 Delta Valley Modelers Jet Fly

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 to7pm (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 project for Show N Tell and let us see what you are up to!









Control

Mini-Fest

September 2,3,4 2016

Delta Valley Modelers and Delta Flying Club at Kindon Air Park Lodi Ca, 12145 DeVries Rd,



Registration fee for pilots \$20.00

Gates Open at 8:00 am. The public are welcome (no charge)



Come see the roll out and fly by of a full size World War II fighter in action. The P-51 mustang. The famous aircraft protecting the allied bombers over Germany in WW II.

Hot Dog and Hamburger lunch on Sat. with drink and chips....\$8.00

For information: (209) 951-2902 events@deltamodelers.org





DELTA FLYING CLUB

Shoot down foam aircraft with paint ball guns. Fun for the young and old. (Saturday only at the lunch hour)





Join Us for Our

~ 7th Annual ~ Trip to the Good 'ol Days

This gathering is all about getting back to the roots of radio control.

Entries can be brand new as long as the original, basic <u>model</u> design dates back to 1980 or earlier. Planes can be scaled up or down if you wish. There are even some current ARFs that are vintage. Not sure if your plane qualifies? Email or call the CD and ask -

Vintage R/C Society

Northwest Fly-In

September 2 and 3, 2016

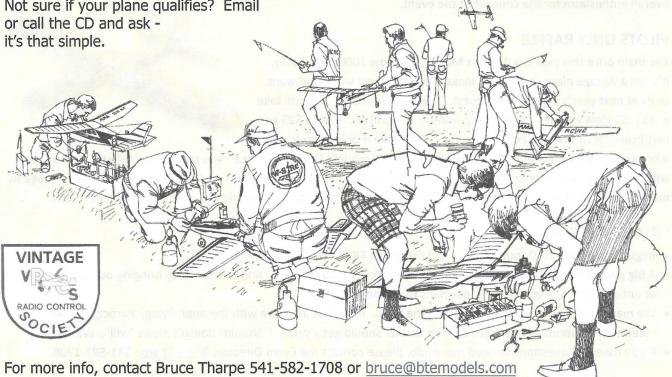
~ Friday and Saturday ~

Agate Field, Medford, OR

Home of the Rogue Eagles ~

OPEN FLYING FOR R/C MODELS THAT WERE DESIGNED, PUBLISHED, KITTED, OR FLOWN IN 1980 OR EARLIER.

Free Registration! Bring as Many Models as You Like
Free Coffee, Donuts, Snacks, and Sodas
Free Pilots Only Raffle - Earn Tickets by Flying
Awards & Prizes for Pilot's Choice & Vintage Spirit
SAM R/C Assist Models are Welcome
No Competition, Just Open Flying
Dry Camping Available at Field, Bring Your RV
Visit www.rogue-eagles.org for Directions



NORTHWEST VRCS FLY-IN INFO - SEPTEMBER 2 & 3, 2016



Join us for two days of relaxed flying of vintage RC models and RC assist old timers. There is no flying competition, just fly when you want. Eligible model designs must date back to 1980 or earlier. If you are not sure if your model qualifies, give Bruce a call or send an email to find out for sure. The field will be closed to all other types of models during the two-day event. Remember, this is not your usual weekend event - it is scheduled for **FRIDAY and SATURDAY**. There is no entry fee for the fly-in.

BACK BY POPULAR DEMAND: FLY A PLANE WITH REEDS

In the 1950s and into the 60s, before proportional systems took over, RC pilots flew with reeds. Reed transmitters did not have sticks, they had switches. Flipping a switch gave full deflection on a control, so good pilots learned to flick the switches quickly to make smooth turns and maneuvers. If all goes well, Bruce Tharpe will have a plane set up with a reed transmitter (hooked to a buddy box) and any registered pilot can give it a try. This should be interesting!

FOOD AND DRINKS

There will be free donuts and coffee provided each morning. There will also be a cooler with water and sodas. No lunches are planned, but there will be a variety of chips and pretzels, that sort of thing.

PILOTS CHOICE AWARD

All pilots, whether registered for the event or not, will be allowed to vote for Pilots Choice. Be prepared to spend a few minutes evaluating the entries and voting for your top three. Only true VRCS-eligible models will be allowed to receive votes. **Note:** Models that won in past years are no longer eligible for this award.

VINTAGE SPIRIT AWARD

The Vintage Spirit award will be decided by the Event Director alone. The ED will use a variety of factors to help determine the winner, including the model's uniqueness, use of vintage equipment and materials, and the modeler's overall enthusiasm for the concept of the event.

PILOTS ONLY RAFFLE

The main prize this year is a Phoenix Models Rainbow 2000 ARF. Sadly, it's not a vintage plane, but it sure looks like one. If you win it and want to fly at next year's event, be my guest. This thing spans 79" and will take a .46 - .55 glow engine or electric equivalent. We will also have a \$25 gift certificate for Al's Hobby and other prizes. The raffle is only open to pilots

certificate for Al's Hobby and other prizes. The raffle is only open to pilots who register for the event with an eligible vintage RC model. The raffle is free - you cannot buy tickets. Instead, you will receive a single raffle ticket when you register, and one additional ticket for each flight you make with a vintage RC model during the event. The drawing will be around noon on Saturday. You do not have to be present to win.

FINAL THOUGHTS

- Registration is FREE. Donuts, coffee, and drinks are FREE. The Raffle is FREE.
- A big part of this gathering is talking about the "good old days" of RC. Add to the fun by bringing out some vintage or antique radios, engines, or model plans to put on display.
- We may run a simple timed event during the fly-in. It will not interfere with the open flying. Participants will receive an additional raffle ticket and the winner should get a prize. ("Should" doesn't mean "will". We'll see...)
- If you have any questions or need more info, please contact the Event Director, <u>Bruce Tharpe</u> 541-582-1708.

Woodland / Pavis Aeromodelers

Lake Minden Float Fly

Apr 29-30 & May 1st 2016 - Oct 7-9 2016







1256 Marcum Rd Nicolaus Ca. 95659 (530) 656-2700

Lake fee \$7.00 per day.

Weekend Pilot Fee +15.00 or 1 Pay +10.00

Camping \$30.00 per night (Fri-Sat) Restrooms & Showers at camp site, food & snacks available at camp ground store.

Please contact Randy Sizemore for more info (916-804-4250)







Pon't forget every float fly is a swap meet!! so come on out and swap buy or fly, its always a "fun fly" at Like Minden







MIDA Officers

and Board

President: Jeff Lovitt (916) 889-3300

jlovitt@sbcglobal.net

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

mokane@cableview.tv

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johneaton@sbcglobal.net

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SNACK SHACK

Ben Ponzo (916) 947-7468 bennet 508@hotmail.com



Flight instructors:

⇒ John Eaton (530) 681-5316 johneaton@sbcglobal.net

Jet Turbine Instructors

⇒ **OPEN**

Helicopter Instructor (Only):

 \Rightarrow **OPEN**



Next Meeting: Monday, Sept. 12th 7:00PM

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



WOODLAND/DAVIS AEROMODELERS S00 COLLIER DR.
BIXON, CA 95620