



Club

Newsletter

AMA CHAPTER 172, CIRCA 1960,
FAIRFIELD CA

October-November 2009 Issue 10-11

<http://www.vacavalleyrc.com>

Sept 8 2009 Meeting Minutes

Called to order@ 7:30.16 members in attendance no guests

Committee Reports:

Flying site: Jason mowed a clearing around the helicopter pad. The Pit area needs to be weed wacked. The thistles need to be cut back around the runway.

Membership: 64 members paid and one new member.

Treasurer: Total of approx \$41,000

Safety: Paul brought up an issue that people who use neck straps need to remember to not get it caught in the prop while handling the airplane. Also we had a recent visitor to the field (had AMA). He had not flown for quite some time (years) and came out with a 3D model and started flying it. We need to be diligent in asking people if they are really comfortable flying their planes safely. He ended up crashing it when



the engine quit and he hit the fence on the North end of the field.

Events: The 100 lap race needs to be rescheduled (TBD). We encourage everyone to come out and help even if they don't want to fly. Forrest will be working on events and schedule them between other events in the area.

Old Business: Christmas Party is on at the Blue Frog in the same room and Dec 12.

New Business: Nominations:

Pres: Monty Welch, Monty Wilson,
V-Pres: Richard Hartwig, Leo Van Sistine

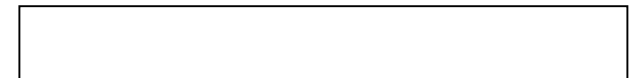
Treasurer: Jason Keiter

Secretary: Oren Redsun

Toilet Seat Award: none

Show and Tell: None

Raffle: Some fuel and other stuff were won.



October 13 2009 Meeting Minutes

Called to order@ 7:30.10 members in attendance, Lawrence Tougas as a guest

Committee Reports:

Flying site: There are cracks developing in the runway Jim will address them this weekend with an asphalt filler.

Membership: 65 members paid and one new member.

Treasurer: Total of approx \$41,000

Safety: None

Events: Oct 24th Slope day Marin
25th 100 Lap race,
Nov 7th Toys for Tots **WDA**
Nov 21st Fun Fly **VVRC**
Dec 19th 100 Lap Race **VVRC**

Old Business: Christmas Party is on at the Blue Frog in the same room and Dec 12.

New Business: Remember Elections at the November Meeting.

Nominations:

Pres: Monty Welch, Monty Wilson, Scott Rowan

V-Pres: Richard Hartwig, Leo Van Sistine

Treasurer: Jason Keiter

Secretary: Oren Redsun

The money that was moved out of the CD's for the WDA club loan will be put back into CD's .

Lawrence Tougas whom is running for the AMA District X Vice-President paid us a visit. His goal if elected will be to help clubs get and keep fields, get a Western National flying site and develop the District X Website to be more user friendly. If you haven't voted yet send the post card to the separate address and vote. He flies at North Bay R.C club with his father. Since 1964

Toilet Seat Award: Ben Jonsson wins it for totaling his Dago Red because he failed to recheck his battery charge before the **Final Flight**. He said that he had about 30 minutes on the pack before the **Final Flight**.

Show and Tell: None

Raffle: Some fuel and other stuff were won.

Secretaries' Column Oren Redsun

Well here it is the beginning of November and it's flying season again. Light wind lots of bright sunshine and time to get out and fly. Oh by the way I was finally able to put 2 successful flights on my Profile 38. It flew very well and sounded even better. . I keep waiting for this time of year to fly my ultra-lite foam airplanes. The one's that can only be flown when there isn't any wind. I also have to apologize for not sending out an October Newsletter. I spent some time in the hospital just as I was supposed to be writing the newsletter. I'm feeling much better now. I felt it would be better to send out an October - November newsletter instead. Remember to mark the XMAS dinner date Dec.12. It wouldn't fit on the menu below but Angel Hair Pasta will be available for those that request it for \$16.75 with salad. Richard Hartwig's phone # is 707-399-9773 for any questions on the Xmas Dinner.

See you at the field SOON

Oren

At64me@yahoo.com

Events

VVRC Event List

21 Nov Fun Fly

12 Dec Christmas Party Blue Frog 6pm

19 Dec 100 Lap Race

WDA Event List

7 Nov Toys for Tots

28-29 Nov Farewell Open House

5 Dec Woodland Christmas Party

3D flight is one of the fastest growing areas of our hobby. As these 3D airplanes like the Seagull Harrier and Hangar 9 Funtana become more and more popular, the ideas and concepts of a good mechanical setup become ever increasingly important. A good mechanical setup not only makes the 3D flight easier, but also decreases the chances of flutter.

A good setup starts when we're building the airplane. The following things apply to the new breed of ARFs as well so don't overlook them.

Hinges: Hinge lines should be straight and centered on the surface.

Pivot Point of Control Horns: Control horns should be installed such that the pivot point of the horn is exactly on the hinge line to avoid building in a differential.

Servo Arms: The arm on the servo should be exactly parallel to the hinge line. Servo arms should be switched around until you get the spline alignment correct. Always try to avoid using the radio to center the servos whenever possible.

Seal Hinge Lines: Hinge lines should be sealed so no air can pass through.

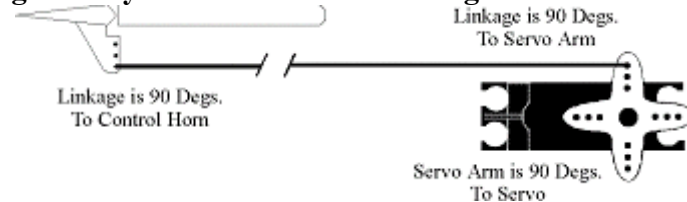
It doesn't matter how tight you think it is, seal it on the bottom with some covering.

Last but certainly not least is mechanical advantage. You might have heard this term before, but what does it mean? Put simply, mechanical advantage means giving your servos the leverage necessary to move these huge control surfaces in flight. Even the strongest servos can be rendered useless by a poor mechanical setup.

Let's start with the radio. Select the ATV feature and set all used channels up to 140% in both directions. Don't forget the flap and aux channels if your using multiple aileron or elevator servo setups.

This step allows for the maximum travel out of your servos and therefore maximum servo resolution. Most modern computer radios are 1024 radios, meaning there are 1024 steps of servo resolution for it's full range of travel. By running your ATV up to maximum, you utilize all 1024 steps to command the servos.

Now that we have the radio set up, we need to connect the pushrods. At neutral stick, you should always have your pushrod 90 degrees to the servo arm. Ideally, your pushrod geometry should look like the diagram below:



But what if you need more throw than your current setup is giving you? The best solution here is to use a longer servo arm. Use only the length necessary to give you the throw you need. Try to avoid moving the pushrod closer to the surface on the control horn if you can as this reduces the leverage applied by the servo.

If after changing the servo arms you find you need less throw, move the pushrod in closer to the center on your servo arm. Try to avoid using dual rates or ATV's to reduce throw whenever possible. You should always make large adjustments mechanically, and then use the radio to make fine adjustments.



VVRC XMAS PARTY 2009



At the : **BLUE FROG** Date: DEC. 12, 2009
Address: 1740 Travis Blvd. Fairfield
(next to Marie Callendar)

TIME:  **COCKTAILS @ 6pm**
DINNER @ 7pm



MENU



		# of Meals	Total Amnt Due	
CEDAR PLANK SALMON	\$28.25	<input type="text"/>	<input type="text"/>	<i>Meal includes : Mashed Potatoes & Salad.</i>
ROTISSERIE CHICKEN	\$22.00	<input type="text"/>	<input type="text"/>	<i>Rice & Salad w/ Salmon dish</i>
BB RIBS	\$32.25	<input type="text"/>	<input type="text"/>	<i>Tax & Tip is also included</i>
PRIME RIB	\$34.75	<input type="text"/>	<input type="text"/>	Total Due <input type="text"/>

**Soft drinks such as Iced Tea, Cokes etc are not included in the meal price.
All beverages including alcohol can be purchased separately.**

COME AND JOIN US FOR A GREAT TIME!

Be sure to purchase your raffle tickets in advance, as doing so will insure # of prizes to you.

1 Ticket for \$ 1.00
6 Tickets for \$ 5.00
13 Tickets for \$10.00
26 Tickets for \$20.00

RAFFLE PRIZES

No. of Tickets Purchased

Amount Due

Ladies will receive a FREE Raffle ticket upon entrance to the dinner

NAME: _____

Make checks out to V.V. R/C

and send to : **RICHARD HARTWIG**
804 Yosemite Way
Suisun City, Ca. 94534

Total Meal Amnt. _____

Total Ticket Amnt. _____

Total enclosed _____

RSVP by DEC 8, 2009... Please

*****PLEASE NO CHILDREN UNDER 12 YEARS OLD** THANK YOU*****

VACA VALLEY RADIO CONTROLLERS, INC.
AMA Chapter Club #172

MEMBERSHIP APPLICATION and RENEWAL FORM

Please Print & Fill in Completely Renewals are due January 1st & Delinquent
February 15th

AMA License No. _____
Name: _____
Street: _____
City: _____ ZIP: _____
Telephone: (____) _____ - _____
Internet Address: _____

Skill Level: Student _____, 1-3 Years _____, 3-5 Years _____, 5 + Years _____
Radio Channels Used: _____, _____, _____, _____, _____, _____ Preferred Radio
Brands: _____
Are you available as an Instructor? Yes _____, No _____ If so, when? Weekdays ____,
Saturday ____, Sunday ____
Interests: Sport _____, Scale _____, Helicopter _____
Will you participate in? Contests _____, Fun Flys _____, Pylon Racing _____, Combat
_____, Barbecues _____

Annual Renewal – (\$50 Membership + \$20 Runway Fee) + (\$10 Late Fee After Feb 15th)
\$ _____

New Member
\$50 + \$50 One Time Runway Fee \$ _____

Junior Member 18 Years Old and Under Dues Only \$5 No Runway Fee, Must be
accompanied by an adult. \$ _____

TOTAL.....
\$ _____

DATE: _____ Renewal: _____ New Member: _____ PAID BY: CASH _____
or CHECK # _____

Revised: 1/4/09

Mail this form, check, copy of current AMA card, & Self Addressed Stamped Envelope to:
Bengt Jonsson
735 Lotz Way
Suisun, CA 94585

Current Flight Instructors

Jason Keiter Cell: 707 365-6220
(Call after 8:30AM and before 9:30PM).
Scott Bullis 707 437-2410 Sat & Sunday
Mark Castro 916 296-5788 Weekdays
Kevin Halow 707 694-9625 Weekdays
Victor Metz 707 422-5043 Weekdays
Jim Adams 707 446-0648
Bill McClure 707446-8376
Pat Lively 707 483-0246
Jim Williams 707 447-0719
Scott Rowan 707 446-6982
Leo Van Sistine 707-315-3713 Weekends

WDA Event List

7 Nov Toys for Tots
28-29 Nov Farewell Open House
5 Dec Woodland X-Mas Party

Meetings: (Second Tuesday of every month except December)
Nut Tree Airport Vacaville.@7:30PM

2009 Meeting Schedule

November 10 Nut tree
December 12 Christmas Party

C/O VACA-VALLEY R/C
Oren Redsun
4909 Summer Grove Circle
Fairfield, CA 94534



VVRC Event List

21 Nov Fun Fly
12 Dec Christmas Party TBD
19 Dec 100 Lap Race