



# The Carrier

October 2011

AMA Charter 544

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## EBRC Officers

President	Wayne Cook
Vice President	Steve Woodward
Treasurer	Jim Utley
Secretary	Todd Meeter
Safety Officer	Donnie Otting

The Carrier is published monthly by the East Bay Radio Controllers Inc. a club enthusiastically dedicated to the promotion of the exciting sport/hobby of building and flying radio controlled model aircraft. Flight instructors are available to assist new members. EBRC business meetings are at times and places as announced elsewhere on this page. Visitors are always welcome and information concerning joining the club and the AMA are available upon request.

**Next Meeting is October 17, 10am**

All meetings are held at the club field the third Sunday of every month unless otherwise noted.

**Newsletter Editor: Tim Wilkerson**  
twilkerson1976@att.net

Newsletter inclusion deadline is one week after the club meeting. Newsletter publication is two weeks after club meeting. Send all submissions to newsletter editor.

The members of EBRC represent a wide variety of the many activities of this sport/hobby. Our members are involved in Pattern, Giant Scale, Ducted Fans, Pylon Racing, Helicopters and just plain sport flying. All models are powered by electric propulsion systems only effective July 1, 2010. Visitors to our flying site are treated to the sight of many different shapes, types and sizes of model aircraft.

EBRC on the Internet

<http://www.eastbayrc.org>

Send business correspondence to:  
EBRC  
P. O. Box 5541  
Pleasanton, CA 94566

## **President's Corner**

It's been a very hectic month for me. With preparing a warbird to race at the Reno Air Races and putting together a new turbine model to take to the Woodland Jet fly on Oct.6, has not left me with any free time. I guess everyone has heard about the tragedy that happened at the races. Our crew and aircraft was ok, but a lot of people were injured and some killed. Tim has asked for pictures, but I only took some of the rare F2G Super Corsair that made its debut at Reno. Of course, I totally forgot about the meeting. Oh well another senior moment. I'll try to not let that happen again.

Wayne

**General Membership meeting 8/21**  
Meeting cancelled due to Reno Air Races.

## Weather Stations

### EBRC Weather Station

Go to [www.eastbayrc.org](http://www.eastbayrc.org) and click on the weather link (blue box). This will give you current weather status in a nice display with current temp and wind strength and direction. Under this display is another link that will give historical versions of the same data so you can see, for example, what the wind has been doing all day up until current time.

### Livermore Airport

[www.usairnet.com/cgi-bin/launch/code.cgi?submit=go&sta=klv&state=ca](http://www.usairnet.com/cgi-bin/launch/code.cgi?submit=go&sta=klv&state=ca)

### Bay Area wind patterns

[www.usairnet.com/cgi-bin/launch/code.cgi?submit=go&sta=klv&state=ca](http://www.usairnet.com/cgi-bin/launch/code.cgi?submit=go&sta=klv&state=ca)

## For Sale or Trade

**Looking for old ignition engines**, Cox RR-1's and any parts of any kind you might have and also interested in multi cylinder ignition and multi cylinder glow motors. Contact Steve Woodward, 925-858-1741 cell or scw1@pge.com

## Reference Sites and Links

### Introduction to Electric RC Airplanes

<http://www.rctoys.com/pr/2008/05/09/introduction-to-electric-rc-planes/>

### Glow to Electric Conversions

<http://www.rcgroups.com/glow-to-electric-conversions-247/>

### Power Systems

<http://www.rcgroups.com/power-systems-13/>

### Castle Power Calculator

<http://www.brantuas.com/ezcalc/castlecalc.asp>

### Scorpion Calculator

<http://www.rcgroups.com/forums/showthread.php?t=736782>

### Electric RC Calculators

[http://scriptasylum.com/rc\\_speed/index.html](http://scriptasylum.com/rc_speed/index.html)

### Wing loading calculator, 2D and 3D

<http://baylandsrc.com/viewtopic.php?f=10&t=26&sid=2e57de371239ea545bad5e3e9cfc04bf>

### Battery University, offered by Cadex (vendor)

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

**The Jig's Up**, This was mentioned in Wayne's past President's Corner. Very nice tool, bought one myself.

<http://thejigsup.net/>

### A nice calculator consolidation, mostly dubro

<http://www.2bfly.com/Pages/toolsmain.aspx#wireauge>

## Other local forums


**BayRC.** This encompasses many south bay flying locations as well as the classic forums. Heavily trafficked.

<http://www.bayrc.com/boards/>

**Baylands RC.** Seems someone started a separate site for Baylands although the site is also included in BayRC.

<http://baylandsrc.com/>

## Good Electric Hobby Shops and other references



**Victors Hobbies**  
Create a delightful pastime

39269 Cedar Blvd  
Newark, CA 94560  
(510)796-8049  
victorshobbies@sbcglobal.net

HobbyTown  
4420 Treat Blvd.  
Concord, CA  
925-685-3820

**AeroMicro**  
The Source of RC Supplies

2090 Duane Ave  
Santa Clara, CA 95054  
408-496-6699  
408-496-6669  
info@aeromicro.com

Perry Lee  
Tu-Sa: 10am-6pm; Su: 11am-4pm

<http://www.AeroMicro.com>

HobbyTown  
Fremont Hub  
39152 Fremont Blvd  
Fremont, CA  
510-796-2744

RC Country  
6011 Folsom Blvd  
Sacramento, CA 95819  
916-731-5868

License # 941226



**BRIAN EISENBISE**  
REGIONAL SALES MANAGER

5902 Las Positas Road • Livermore CA 94551  
T: 925.963.6607 F: 925.226.1472  
beisenbise@solaruniverse.com • www.solaruniverse.com

## Events

I've included some full scale air shows as well as modeling stuff from Model Aviation and other web sources.

<b>Event, Location</b>	<b>Date</b>	<b>Link</b>
Napa, CA	10/2	Jim Tichy Memorial Vintage Stunt contest
Lake Balboa, CA	10/8	LA 3D Helicopters
Lost Hills, CA	10/8-9	California FAI Invitational
Sacramento, CA	10/8-9	22 <sup>nd</sup> Annual Bud Gabric Pattern Classic
San Francisco, CA	Oct 8-9	San Francisco Fleet Week(full scale)
Lost Hills, CA	Oct 10-12	Bissonette, Cup of Denmark
Lost Hills, CA	Oct 14-16	Sierra Cup
Visailia, CA	Oct 14-16	Fall Aero Tow
Lemoore, CA	Oct 15-16	NAS Lemoore Central Valley Air Show(full scale)
Mojave, CA	Oct 15	Edwards Air Force Base Open House/Airshow(full scale)
Lake Balboa, CA	Oct 16	Try and Fly Open House
Lodi, CA	Oct 13-16	Huckfest (FlyingGiants/3D Hobby Shop), hosted by Delta Flying Club Inc.
Lodi, CA	Oct 28-30	Jet Rally in the Valley
Taft, CA	Oct 29-30	John Pond Commemorative
Rcgroups event repository		<a href="http://www.rcgroups.com/electric-flight-events-14/">http://www.rcgroups.com/electric-flight-events-14/</a>

## Other News

### EBRC Power Station

Current plan is to test place some Knack boxes at the field. We'll see if they are broken into and, if they seem safe, decide next steps on further improvements.

The thought on charging the battery bank would be to use portable generators that are moved to and from the field biweekly or weekly to charge the battery bank. How often charging is needed depends on the size of bank installed and the consumption of the electronics.

Another thought on charging is to use a wind turbine; seems we could put the consistent breeze to use at the field and maybe this is less susceptible to thievery.

## Safety Related

### Frequency Pins

It seems several of the frequency pins are missing, specifically channels 22, 25, 27, 38 and 42. While many pilots have made the switch to 2.4, many have not. If anyone has the missing pins, please show the courtesy to the other pilots and the club to return them to the field or just drop them in the mail.

### Crash Control

So we can increase safety at the field, the Board has added the safety equipment to each flight station.

Each package contains a fire extinguisher, a bucket with sand, and a shovel. This equipment will be light enough to be quickly transported to the location and put to use although it might take more than one person.

In general, in the event of a crash, the membership is requested to stop flying for safety and to rally to the crash site and actively control the situation to

limit its spread. Use sand to extinguish persistent stuff, make sure spread is contained, cleanup.

If/when something happens please let the Board know so that stock can be replenished.

## Odds and Ends

**3. When I plug in my high voltage battery pack (4s-12s lipo, 12-20 NiMH) into my Phoenix HV or Phoenix-125, etc. controller there is a large spark. Why?**

The spark is your friend. If ever you plug your pack into your controller and you don't see the spark, contact tech support at [support@castlecreations.com](mailto:support@castlecreations.com) or (913) 390-6939 and send the controller in for repair. Your capacitors will need to be changed. **NEVER** fly if you do not see the spark, especially with high voltage applications! The higher the voltage, the bigger the spark should be. **Remember, the spark is your friend!!!**

### Newsletter Articles

It would be great if we had some additional authors for newsletter items. Tell us about your latest project or a trick you have discovered or developed. Clearly we all have similar interests and it's always good to see how someone else has solved a problem. The more pictures the better!

Please submit in MicroSoft Word format, any version is ok. Send to editor.

### Recent Castle ESC issue

### Official advisory on Castle website

[http://www.castlecreations.com/support/service\\_advisory/sa1103-icehv-mambaxl-hydraicehv.html](http://www.castlecreations.com/support/service_advisory/sa1103-icehv-mambaxl-hydraicehv.html)

I've gotten about 7 weeks turn around on my 120hv and an 80hv which should be delivered 10/5.

## **Editorial Section**

**This section of the newsletter is set aside to encourage discussions of differing points of view.**

**Send to editor via email or to the snail mail address on the first page. Submittals cannot be anonymous. Short comments are also welcome.**

## Reno Air Races Tragedy

I'm sure everyone has seen this picture by now, a truly tragic event. Hopefully the races will continue.



**Reno Air Race Disaster**

## New Maidens



**Tim's 3DHS 68" Velox maiden, 10/1/2011 with SFG (Side Force Generators)  
Lost canopy half way through maiden due to broken balsa and peg pushed back**



**Second flight with Custom Canopy Hold Down (black tape)**

## Another Maiden



**Prospective Member Adrian with Spitfire post Maiden.**

**Nice Flight and Capable Pilot**



**Saturday, October 22, 2011**

8am - 4pm



All types and sizes of military aircraft welcome (fixed wing, helicopters, gas, glow, electric) - current AMA required



Awards for Best WWI, Best WWII & Pilots Choice



\$10 landing fee includes BBQ lunch

Hosted by:

The Livermore Flying Electrons  
4455 Raymond Rd. Livermore, CA  
94550  
[www.lferc.com](http://www.lferc.com)

Contact: Ed Becker  
[gonewest1@comcast.net](mailto:gonewest1@comcast.net)  
(925)292-5886

**Editor's Note: The club bylaws are published below. The Field Rules and Regulations were published last month and are available on the website under the Membership link.**

EAST BAY RADIO CONTROLLERS

BY-LAWS, RULES AND REGULATIONS

NAME AND OBJECTIVES

ARTICLE 1: For the purpose of this living document, the East Bay Radio Controllers Club(EBRC), shall henceforth be referred to as the Corporation.

ARTICLE 2: The objectives of the Corporation shall be those as stated in its Articles of Incorporation.

TABLE OF CONTENTS

SECTION 1..... BOARD OF DIRECTORS

SECTION 2..... OFFICERS

SECTION 3 ..... DUTIES OF OFFICERS

SECTION 4..... COMPENSATION OF OFFICERS

SECTION 5..... EXPENDITURE OF FUNDS

SECTION 6..... MEMBERSHIP

SECTION 7..... MEMBERSHIP FEES

SECTION 8 ..... MEETINGS

SECTION 9..... ELECTIONS

SECTION 10..... TERMINATION OF MEMBERSHIP

SECTION II..... LIABILITY OF MEMBERSHIP

SECTION 12..... DONATIONS

SECTION 13..... MISCELLANEOUS PROVISIONS

SECTION 14..... FIELD RULES AND REGULATIONS

SECTION I5..... CORPORATION FUNDS

SECTION 16..... APPROVAL PAGE

## SECTION 1

### BOARD OF DIRECTORS

ARTICLE 1: A Board of Directors shall administer the affairs of this Corporation. The Board of Directors shall consist of the president, Vice-President, Secretary and Treasurer of the Corporation. Four members in good standing shall be elected to these offices by the membership of the Corporation. Qualifications for the Board of Directors shall be as specified in SECTION 1, ARTICLE 3. Their term of office shall be as specified in SECTION 2, ARTICLE 1.

ARTICLE 2: The Board of Directors may appoint executive committees from the membership to assist the Board with its administration of this Corporation.

ARTICLE 3: Members in good standing shall be defined as those members who attend regular meetings, are active in club functions and are sincerely dedicated to the advancement of radio control as a hobby.

## SECTION 2

### OFFICERS

ARTICLE 1: The officers of this Corporation shall consist of a President, Vice-President, Secretary, and Treasurer. They shall be members in good standing. They shall be elected by the membership of the Corporation and shall serve for a term of two(2) years or until their successors are elected by the membership.

ARTICLE 2: The President, vice-President, Secretary and Treasurer shall automatically assume the offices of the Board of Directors.

ARTICLE 3: For purposes of establishing a chain of command within the Corporation, the chain of command shall be President, Vice-President, Secretary, Treasurer, Field Marshall, Safety Officer, in that order.

## SECTION 3

### DUTIES OF OFFICERS

ARTICLE 1: The President shall preside at meetings, appoint committees as required, call special meetings when necessary, is an ex-officio member of all committees and shall preside over all meetings of the Board of Directors. The President shall manage the Corporation and direct its affairs subject to control by the Board of Directors.

ARTICLE 2: The Vice-President shall assume the office of the President in the event of the President's absence or inability to preside.

ARTICLE 3: The Secretary shall record and maintain the minutes of the regularly scheduled meetings and shall handle correspondence and club notices.

ARTICLE 4: The Treasurer shall collect all initiation fees and dues, maintain the Corporation's funds, pay all the bills, make all necessary Federal and State tax returns for the Corporation, maintain the membership rolls, keep the Corporation seal, membership certificates, fill them out and countersign them and is hereby authorized to sign checks in the name of the Corporation, EAST BAY RADIO CONTROLLERS, for any and all bills and amounts incurred by the Corporation.

ARTICLE 5: The Field Marshall shall be responsible for the overall condition of the flying field; he shall be responsible for appointing ground maintenance personnel for the purpose of maintaining the flying field, notifying the membership a week in advance if the field is to be shut down for maintenance, etc., and ensure that the sanitation department has done its job.

ARTICLE 6: The Safety Officer shall be responsible for ensuring that the Flying Field Rules and Regulations are being adhered to. Additionally, all transmitters and receivers(in aircraft), shall be inspected as required, by the Safety Officer to ensure names, addresses, phone numbers and AMA numbers are attached thereto.

ARTICLE 7: The Field Marshall and Safety Officer shall be appointed by the President.

#### SECTION 4

#### COMPENSATION OF OFFICERS

ARTICLE 1: It shall be understood by any and all members of the Corporation, that members appointed or elected to offices, committees, Board of Directors, Executive Boards, etc., of the Corporation, shall receive no monetary compensation or any other compensation unless voted and approved by the membership present at a regularly scheduled meeting.

#### SECTION 5

#### EXPENDITURE OF FUNDS

ARTICLE 1: The Board of Directors of this Corporation shall not incur any debt, liability, or enter into any agreement or arrangement, on behalf of the Corporation in excess of five hundred dollars(\$500.00) without the approval of the membership.

ARTICLE 2: Expenditures in excess of five hundred dollars (\$500.00), but less than two thousand dollars (\$2000.00), shall be submitted to a voice vote at a regularly scheduled

meeting and will require majority approval of the membership present and voting at the meeting.

ARTICLE 3: Expenditures in excess of two thousand dollars (\$2000.00) shall be submitted to a mail ballot and require a majority approval of the votes received.

## SECTION 6

### MEMBERSHIP

ARTICLE 1: Membership in the Corporation shall be open to any person interested in the advancement and the building of radio-controlled model aircraft.

ARTICLE 2: Applications for new memberships in the East Bay Radio Controllers shall be forwarded to the Membership Committee, chaired by the Treasurer, and brought to the Board of Directors with a recommendation to accept or deny the application. The Treasurer, or anyone acting on his/her behalf, may make inquiries into the applicant's membership in the AMA; his/her flying abilities; membership in other clubs; and the applicant's history of following recommended safe flying practices as required at other clubs and demanded by the AMA.

Article 2A: New memberships to the East Bay Radio Controllers shall be provisional for two years. Provisional memberships have no right to vote or hold office. During the provisional period, the new provisional member must attend one club meeting per quarter and participate in one club work party per year. Failure to complete this process may result in the provisional member being removed from the membership or denied renewal by the Membership Committee. For the purpose of defining attendance, the Secretary shall provide a sign-in sheet at each meeting; and a member of the Board of Directors or their designee shall provide a sign-up sheet at each work party. It is the responsibility of any member or provisional member to make sure they are given credit for their appearance at a meeting or work party by signing the attendance sheet at a meeting or work party. Failing to complete the above requirements, the Membership Committee may recommend to the Board of Directors that they remove the provisional member from the E.B.R.C. membership. The Membership Committee may take into account; prolonged illness, military commitment, job responsibilities, or other condition which would prevent one from participating in club activities for the two-year period.

ARTICLE 3: Regular members shall be entitled to one (1) vote in matters brought to a vote before the membership and in elections of officers and at all meetings.

ARTICLE 4: Junior members in good standing shall have the same voting rights as regular members, but shall not be eligible to hold office. (Junior members shall be those members as defined by the AMA rules).

ARTICLE 5: Certificates of membership shall be issued each member, signed by an officer designated by the Board of Directors or by the Treasurer, SECTION 3, ARTICLE 4.

ARTICLE 6: The membership may, by a majority vote of those present and voting at a regularly scheduled meeting, bestow an Honorary Membership on any person or persons in special recognition of an act or accomplishment by that person or persons. Honorary members shall not be entitled to vote nor to fly and shall pay no dues.

ARTICLE 7: The membership may, by a majority vote of those present and voting at a regularly scheduled meeting, bestow a Lifetime Membership on any person or persons in special recognition for having been a founder or cofounder. Such membership shall have full voting and flying as a regular member and shall pay no dues.

ARTICLE 8: Ex-officers of the Corporation may, at the President's discretion, remain on the Board of Directors.

## SECTION 7

### MEMBERSHIP FEES

ARTICLE 1: Membership dues for the succeeding year are due October 1st. and are past due on December 31st. at which time the membership will terminate.

ARTICLE 2: For new members over 19 years of age, the sum of the initiation fee and the membership fee shall equal \$170.00.

ARTICLE 3: Initiation fee (new member 19 years of age or less), shall be fifty-five dollars (\$55.00), payable with the first year's membership fee.

ARTICLE 4: Membership fee shall be fifty-five dollars (\$55.00) for year 2001 and seventy dollars (\$70.00) for subsequent years for persons over 19 years of age.

ARTICLE 5: Membership fee shall be twelve dollars and fifty cents (\$12.50) per year for persons 19 years of age or less.

ARTICLE 6: The Head of the Household may purchase a Family Membership by paying a single initiation fee of seventy dollars (\$70.00) for 2001 or fifty-five dollars (\$55.00) for subsequent years. (Membership fees as stated above in Articles 4 and 5, including the Head of the Household, will also be paid).

ARTICLE 7: Any person who becomes a member of this Corporation between the months of October, November and December, shall automatically be a paid up member for the succeeding Year.

## SECTION 8

### MEETINGS

ARTICLE 1: A regular meeting shall be held on the third (3rd) Sunday of the month at a time and place as approved by the membership by a majority vote of those present and voting at a regularly scheduled meeting.

ARTICLE 2: Special meetings may be called by the President or any two (2) Directors for such reason as may be deemed appropriate, provided that ten (10) days notice is given to the membership as to the place, time and subject matter of the meeting.

ARTICLE 3: Notice for the regular monthly meetings shall be via the Corporation Newsletter which shall be mailed to the membership at least (7) days prior to the day of the meeting.

ARTICLE 4: Notice of meetings other than stated above shall be given to the membership by the Secretary, not less than five (5) days prior to the day of the meeting.

ARTICLE 5: The transactions of any business at any meeting shall require a quorum consisting of ten percent (10%) of the total members present at the meeting, and any two (2) Directors in good standing, present at the meeting.

ARTICLE 6: The order of business at the meetings shall be as stated in Robert's Rules of Order.

## SECTION 9

### ELECTIONS

ARTICLE 1: Elections for the Officers of the Corporation (SECTION 2, ARTICLE 1), shall take place every other year, with nominations starting in September and ending in November.

ARTICLE 2: Ballots shall be mailed to the membership by the Treasurer prior to November 1st, and shall be returned to the Treasurer prior to the second (2nd) Saturday in November.

ARTICLE 3: The Treasurer and two (2) Directors shall tally the ballots and present their findings at the Corporation's December meeting to be held at a time and place approved by the membership.

ARTICLE 4: The qualifications for the Officers of the Corporation, (SECTION 2, ARTICLE 1), shall be as specified in SECTION 1, ARTICLE 3.

ARTICLE 5: The number of Officers of the Corporation shall be not less than three (3), and if said number is reduced to less than three (3), a special meeting shall be called for reelection of Officers.

ARTICLE 6: In the event the President of the Corporation resigns, terminates, etc., the Vice-President of the Corporation shall automatically assume the office of the President of the Corporation for the remainder of the term of office. He shall be responsible for calling a meeting for election of a Vice-President.

ARTICLE 7: In the event the Vice-President resigns, terminates, etc., the President of the Corporation shall call a meeting for the election of a Vice-President.

ARTICLE 8: In the event any one of the remaining Officers of the Corporation (Secretary, Treasurer), resign, terminates, etc., the President of the Corporation may elect to have an election at the regularly scheduled meeting, with the approval of members present at the meeting, and providing there is a quorum, for the purpose of electing said Officer or Officers.

#### SECTION 10

##### TERMINATION OF MEMBERSHIP

ARTICLE 1: The Corporation reserves the right to refuse membership to any person or persons as stated in SECTION 6, ARTICLE 2, and at its option, may terminate any membership for any infraction of the BY-LAWS and/or REGULATIONS of this Corporation, or for other good and valid reasons, as the Board of Directors of this Corporation shall determine, provided such termination shall be approved by the membership, by a majority vote of those members present and voting at a regularly scheduled meeting.

ARTICLE 2: Any member may terminate his or her membership at any time upon written request to the Corporation.

ARTICLE 3: All memberships shall be for the designated year unless otherwise terminated.

ARTICLE 4: A leave of absence shall be granted to any member of the Corporation for a period of one year (1) by the Board of Directors of the Corporation.

#### SECTION 11

##### LIABILITY OF MEMBERS

ARTICLE 1: No member of this Corporation shall be personally or otherwise liable for any of the debts, liabilities and/or obligations of the Corporation.

#### SECTION 12

## DONATIONS,

ARTICLE 1: The Corporation may accept gifts, legacies, donations and/or contributions in any amount and in any form, upon such terms and conditions as may be decided by the Board of Directors and approved by the membership by a majority vote of those present and voting at a regularly scheduled meeting.

## SECTION 13

### MISCELLANEOUS PROVISIONS

ARTICLE 1: A new certificate of membership may be issued a member to replace a lost, torn or mutilated certificate, provided the member presents valid evidence of loss of his/her current membership in the Corporation.

ARTICLE 2: Certificates of membership are not transferable to other members, persons or other Corporations.

ARTICLE 3: The Corporate Seal of the Corporation shall determine and shall contain the name of the Corporation, the date the Corporation was created, the state where the Corporation was created, and such other matters as the Board of Directors may determine to be applicable.

ARTICLE 4: The principle office of the Corporation shall be the Treasurer's home address unless otherwise determined by the Board of Directors of the Corporation.

ARTICLE 5: Whenever Notice is required by these BY-LAWS to be given to any member, "personal" Notice is not meant, unless expressly so stated; any Notice so required shall be deemed to be sufficient if given by depositing the same in a post office in a sealed, postpaid wrapper, addressed to the person entitled thereto, to his or her last known post office address, and such Notice shall be deemed to have been given on the day of such mailing. Any Notice required to be given under these BY-LAWS may be waived by the member entitled to receive Notice of any meetings except as otherwise provided by statute.

ARTICLE 6: The Fiscal Year of the Corporation shall be the calendar year, January 1 to December 31.

ARTICLE 7: Proposals to amend the Corporation BY-LAWS may be made by the Board of Directors or any member of the Corporation and such proposals shall be printed in the Corporation Newsletter prior to the next regularly scheduled meeting where the proposal will be acted upon.

ARTICLE 8: All proposals to amend the BY-LAWS shall be submitted to a vote of the membership at a regularly scheduled meeting and may be approved by a majority vote of those members present and voting at the regularly scheduled meeting.

#### SECTION 14

##### FIELD RULES AND REGULATIONS

ARTICLE 1: The Board of Directors shall establish a set of FIELD RULES AND REGULATIONS, consistent with AMA RULES AND REGULATIONS, for the purpose of maintaining safety and providing guidelines for the use of the flying field to the membership.

ARTICLE 2: FIELD RULES AND REGULATIONS shall be posted at the field and a set of these rules shall be given to each member of the Corporation.

ARTICLE 3: FIELD RULES AND REGULATIONS shall be subject to approval by the membership of the Corporation by a majority vote of the members present and voting at a regularly scheduled meeting.

ARTICLE 4: Amendments to the FIELD RULES AND REGULATIONS can be proposed by any member of the Corporation in good standing at the regularly scheduled meeting and the membership shall vote on any and all proposals presented.

ARTICLE 5: Incorporation of any and all proposals shall require a majority vote of the members present and voting at a regularly scheduled meeting.

#### SECTION 15

##### CORPORATION FUNDS

ARTICLE 1: Membership dues, raffles money and any and all other monies collected or accrued in the name of and for the benefit of the Corporation, shall be deposited in a checking account or any other account which the Board of Directors may deem appropriate. Initiation fees shall be maintained as field funds in a separate savings account.

ARTICLE 2: Funds deposited in the field fund account may be used for the acquisition of a new field or field improvement, upon approval of the membership as specified in SECTION 5, and then only with the signature of any two (2) Directors.

ARTICLE 3: Funds deposited in a checking account shall be used for the payment of bills incurred by the Corporation and shall require only the signature of the Treasurer, subject to approval by the membership of the Corporation as specified in SECTION 5.

ARTICLE 4: The President, Vice-President and Treasurer of the Corporation shall have on record with the bank where the funds are located, their signatures, and these shall be the only three (3) signatures which will appear on the checking account checks.

ARTICLE 5: In the event that the Corporation shall be dissolved for any reason, all monies of the Corporation shall be forwarded to nonprofit organization.

SECTION 16

APPROVALS

APPROVED BY THE BOARD OF DIRECTORS 12/19/10

President	Wayne Cook
V-President	Steve Woodward
Secretary	Todd Meeter
Treasurer	Jim Utley
Field Marshal	
Chief Safety	Donnie Otting

## Weather Stations

### EBRC Weather Station

Go to [www.eastbayrc.org](http://www.eastbayrc.org) and click on the weather link (blue box). This will give you current weather status in a nice display with current temp and wind strength and direction. Under this display is another link that will give historical versions of the same data so you can see what the wind has been doing all day up until current time.

### Livermore Airport

[www.usairnet.com/cgi-bin/launch/code.cgi?submit=go&sta=klv&state=ca](http://www.usairnet.com/cgi-bin/launch/code.cgi?submit=go&sta=klv&state=ca)

### Bay Area wind patterns

[www.usairnet.com/cgi-bin/launch/code.cgi?submit=go&sta=klv&state=ca](http://www.usairnet.com/cgi-bin/launch/code.cgi?submit=go&sta=klv&state=ca)

## For Sale or Trade

**Looking for old ignition engines**, Cox RR-1's and any parts of any kind you might have and also interested in multi cylinder ignition and multi cylinder glow motors. Contact Steve Woodward, 925-858-1741 cell or scw1@pge.com

## Reference Sites and Links

### Introduction to Electric RC Airplanes

<http://www.rctoys.com/pr/2008/05/09/introduction-to-electric-rc-planes/>

### Glow to Electric Conversions

<http://www.rcgroups.com/glow-to-electric-conversions-247/>

### Power Systems

<http://www.rcgroups.com/power-systems-13/>

### Castle Power Calculator

<http://www.brantuas.com/ezcalc/castlecalc.asp>

### Scorpion Calculator

<http://www.rcgroups.com/forums/showthread.php?t=736782>

### Electric RC Calculators

[http://scriptasylum.com/rc\\_speed/index.html](http://scriptasylum.com/rc_speed/index.html)

### Wing loading calculator, 2D and 3D

<http://baylandsrc.com/viewtopic.php?f=10&t=26&sid=2e57de371239ea545bad5e3e9cfc04bf>

### Battery University, offered by Cadex (vendor)

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

**The Jig's Up**, This was mentioned in Wayne's past President's Corner. Very nice tool, bought one myself.

<http://thejigsup.net/>

### A nice calculator consolidation, mostly dubro

<http://www.2bfly.com/Pages/toolsmain.aspx#wireauge>

## Other local forums

**BayRC**. This encompasses many south bay flying locations as well as the classic forums. Heavily trafficked.

<http://www.bayrc.com/boards/>

**Baylands RC**. Seems someone started a separate site for Baylands although the site is also included in BayRC.

<http://baylandsrc.com/>

## For Sale (Stellar Deal!)

I stopped by the field a while back, wanting to get into RC flying as a retirement job. Unfortunately I was diagnosed with Leukemia shortly thereafter. In preparation for joining the club I purchased a Spektrum DX7 Heli transmitter. As you can imagine, it has been out of the box but never used.

<http://www.spektrumrc.com/Products/Default.aspx?ProdID=SPM2712>

***I paid \$299.00 from Hobby Zone, so I think \$150.00 is a screaming deal. This includes USB to serial cable for ClearView simulator (simulator not included).***

I am told this is one of the two top controllers right now. That's why I bought it. I will lose money on it but, you guys have a great group and if I can't use it then it should go to you guys.

It is a Spektrum DX7 with the Heli option that allows it to fly almost all planes, jets and trainers plus most helicopters. It has the manual and is in the original box. I programmed in when I was in the hospital but it has never been used.

I also included the optional USB to serial port cable so it can be plugged into a computer for use with a simulator (sim not included). It is truly new, but of course is sold as is.

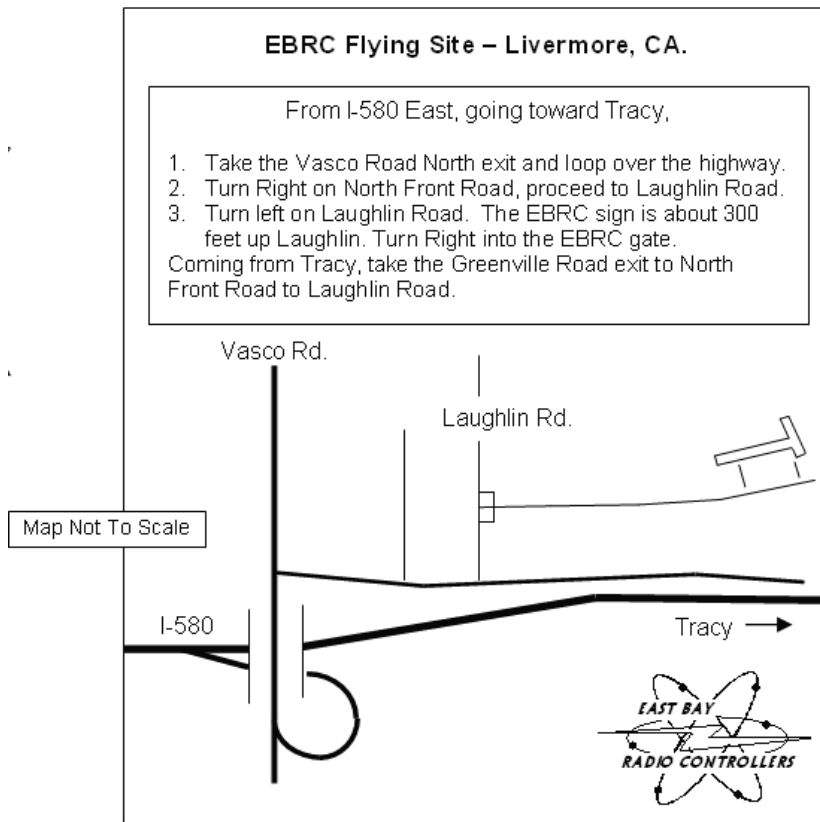
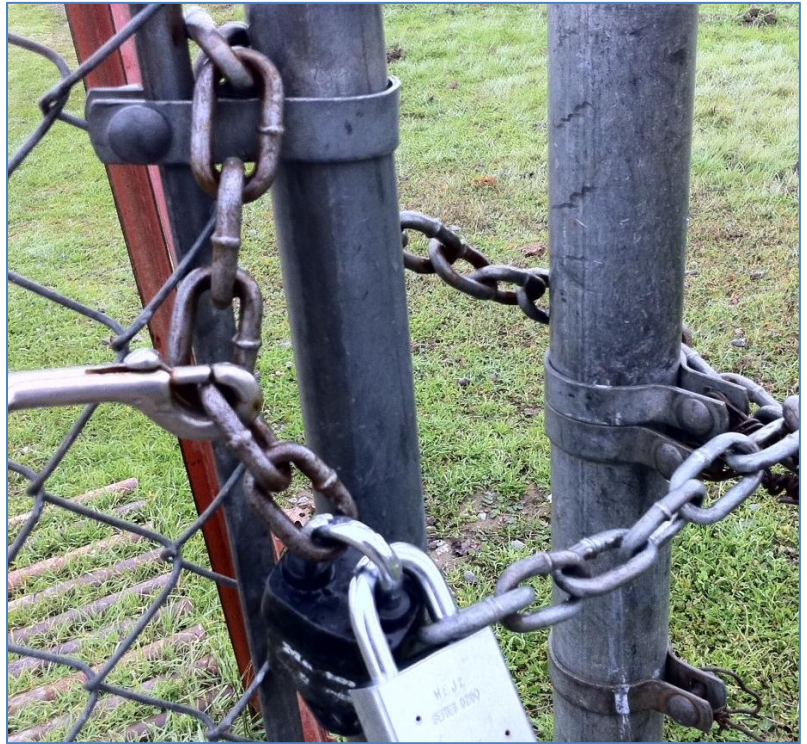
Chuck Bonasera  
chuck.safe@live.com

925-556-9908

Dublin

**How to lock the outer gate.** Notice how the two locks are interconnected. Each end of the chain goes to a separate lock then the locks are connected together. The intent is that, in an emergency, either lock can unlock the gate. Otherwise, the emergency personnel will have to cut the lock which is not good.

**Please remember to close the gate.** It seems our neighbors at the dog park may not be as conscientious as we are.





## East Bay Radio Controllers

### 2012 Membership Renewal

**Due 10/1/2011**

Yearly Dues	
OVER the age of 18	UNDER the age of 18
\$70.00	\$12.50

Send this form and a copy of your 2012 AMA card with check payable to "EBRC".

### East Bay Radio Controllers

P. O. Box 5541

Pleasanton, CA 94566

Name \_\_\_\_\_ 2012 AMA # \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Zip \_\_\_\_\_

Phone # \_\_\_\_\_ Email Address \_\_\_\_\_

EBRC is an AMA chartered club and as such all members with flying privileges who will be operating aircraft at our field must have a current AMA membership card. Members without current AMA membership will not have their EBRC membership renewed or be allowed to fly at our site until proof of AMA membership is received.

Payments postmarked or received after the **December 31, 2011 pay period** will be considered delinquent. Delinquent membership results in no flying privileges.

Not for new membership

**Place AMA card  
here and copy  
to form a single sheet record**