



August, 10, 2013

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Southern Alameda County Radio Controllers

President: Jim Solar

Secretary: Matt O'Sullivan

Vice President: Bob Freshwater

Treasurer: Jim Utley (510) 352-3150

The Board did not have a meeting this month

Board Members in Attendance:

Board Members Present:

Jim Solar: President

Jim Utley: Treasurer

Matt O'Sullivan: Secretary

Lou Morales: Safety Officer

Steve Hoyt: Director of Communications.

Jeff Whitney: At Large

Jim Newman: At Large

Board Members in Absence:

Vice president: Bob Freshwater

Field Manager: Brady Deitrick

Board Meeting Minutes:

Jim Solar announced that a reservation has been made at the San Lorenzo Black Angus for the club Christmas party on 12-14-13. The dinner will cost \$25.00 per person. The restaurant will provide one appetizer for every 3 people. The reservation is for 40

people and in a private section of the restaurant. The space can hold up to 50 people. A suggestion was made the club supply a bottle of wine for each 4 or 5 people.

The restaurant will accept only one check for the reservations. We determined that the best way to deal with this is to have everyone who wants to attend, provide payment to Jim Solar on or before the October club meeting. Jim will then make a check for the restaurant.

Jim Utley mentioned the clubs trainer was damaged during a training session and needed repair. He offered to purchase the trainer for \$100.00 from the club to use for training his Cub Scouts. Steve Hoyt suggested the club underwrite the repairs since that's is what is was purchased for. Jim Utley and Steve Hoyt offered to train new members and have their numbers posted in the newsletter.

JIM UTLEY 510-352-3150

STEVE HOYT 510-792-0326

Club Meeting: 11:00 AM

Location: The field

Previous meeting notes:

presented and approved.

Treasury Report:

Presented by Jim Utley and approved

Old Business:

Waldo Pepper's Flying Circus—WWI and Golden Age Fly-in will be Sept 28-29—any plane built prior to 1935 is eligible. BBQ Saturday night

New Business:

New Business: Jim Solar announced that **this year's Christmas party** will be at the San Lorenzo Black Angus on 12-14-13 at 7:00 pm. The dinner will be \$25.00 per person. You will have a choices of Fillet, Prime Rib, Chicken, Fish or a Veggie Platter. Appetizer will be provided for every 3 persons. **Please send your payment to Jim Solar for your reservation by the October club meeting.** We have currently made a reservation for 40; however the space can accommodate 50. The restaurant does have a no host bar.

Field Report:

The runway has been cleaned and cleared of debris. The edges of the runway have been weeded as has the area around the weather shack.

As a reminder, if you crash a plane on the runway, please remember to clean up all the debris from the crash. One of the tables at the north end of the runway has been painted **Red** and marked for **Disarming and Arming**.

Even though Art Vargas is no longer our field manager he still continues to help maintain the field. "Thanks Art"

Safety Report:

Lou Morales wants to remind fliers to pay attention to their propellers when leaving the pit area. We need to make sure that they are not pointing toward the pits or at other fliers. We also need to be careful not to go past the boundary line when making our landing approaches. As a reminder to the electric flyers, please be courteous to the fuel flyers when taking flying spaces. We all need to be courteous to one another and wait our turn.

Club member Barry had some information regarding ticks and Lyme disease.

We need to remember that there are ticks

in the field When we have to go out to recover planes we need to be careful. Tick repellent and long pants (tucked in) The club will try to have some repellent by the transmitter house.

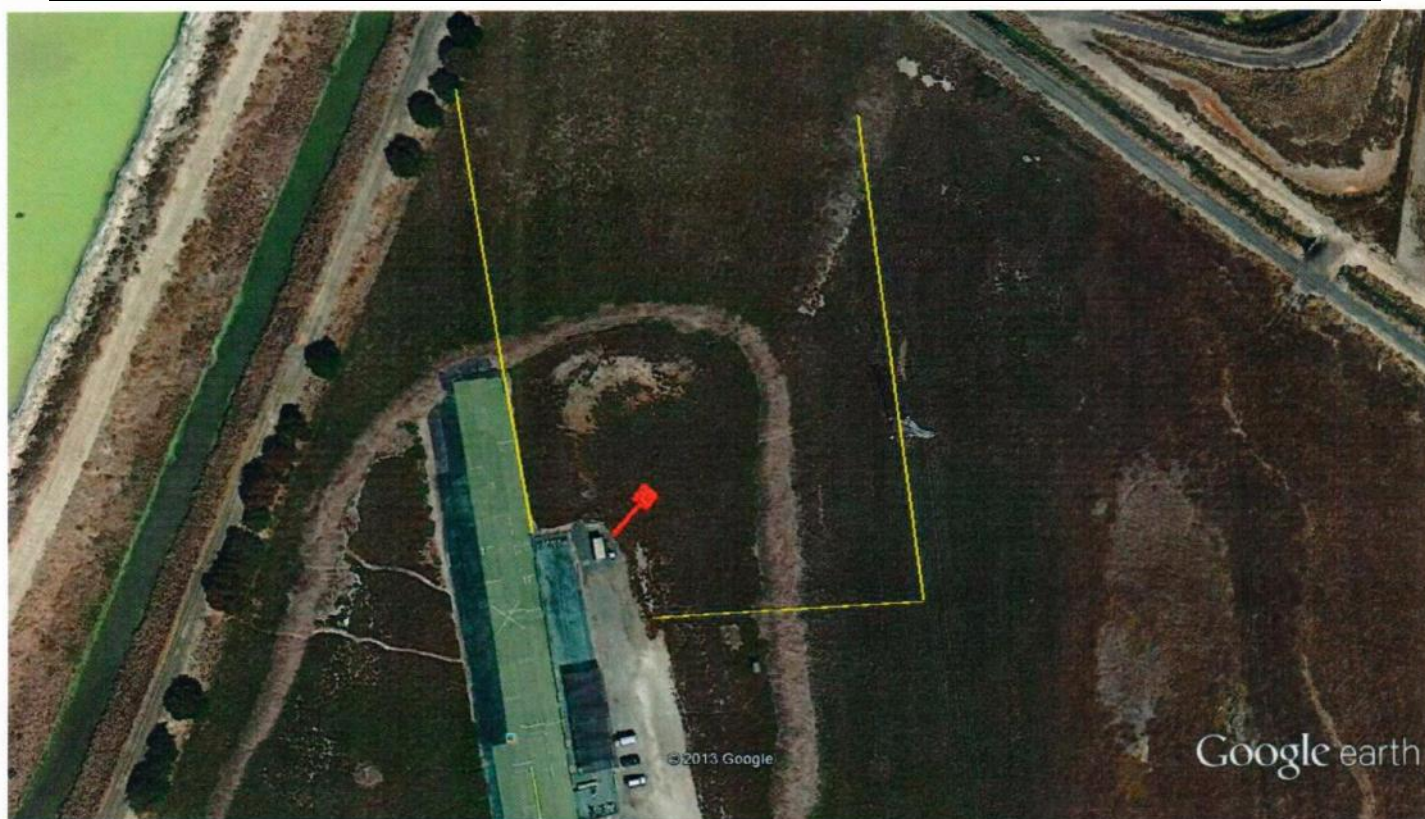
Prospective New Members:

John Daskaloff, a member of the Bayside club was approved as a new club member.

Show & Tell:

Burt Rosenwig showed his new Flyzone Beaver 59" plane which comes with floats. Lou Morales showed his new Raven Sea Gull.

Your comments will be needed for the Proposed Rotary wing flying area. As you can see there is no interference with the airplane field or runway.



There has been some discussion on allowing rotary wing flying in an area that will not interfere with the airplane field. The above shows the area proposed by Bob Freshwater. There has been some interest by our members to fly rotary wing aircraft. This proposal was suggested to allow the use of the field without interfering with fixed wing aircraft. The suggestion was to cut a 30' path to a 15'x15' square landing pad. We will utilize some of the Astroturf we currently have for the landing pad. Flying will be limited to the area outlined and not the airplane pattern.

We need your opinion and support to make this happen. Please attend our September meeting or you can contact me at 510 685-8358- email shoytjr@att.net.

Articles

Jeff Whiney found this article in the AMA Newsletter on how to connect your battery without a spark

How to Prevent Sparking

Scott Paschen

When connecting a LiPo pack to the controller, strong sparking commonly occurs. Fast charging of the controller filter capacitors causes this.

The higher the voltage equals the higher the cell count, and the lower the internal resistance means the better the quality of the pack. The better the capacitors in the controller and the higher the capacity of the capacitors, the bigger the spark.

In addition to the small shock (because of the sparking), the charging current of the capacitors may be, in extreme cases, so great that damage or destruction of the capacitors occurs.

A simple procedure can eliminate sparking when connecting the battery pack, thus protecting the filter capacitors.

How to connect the positive leg or wire is shown in Photo 1.

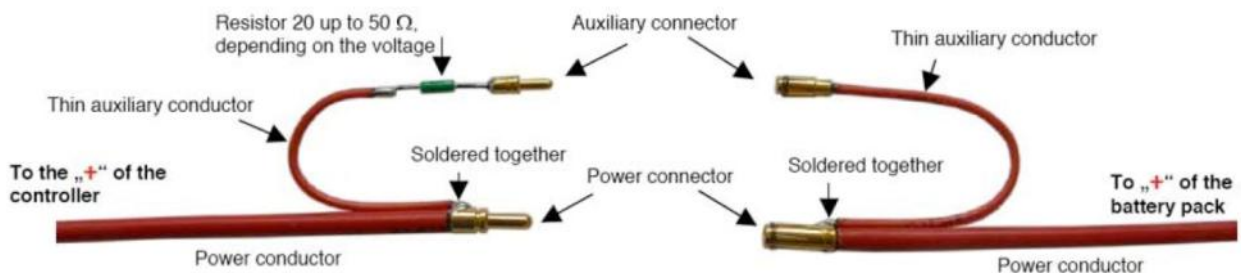


Photo 1.

Connectors, as well as the resistor, are insulated by heat-shrink tubing and shown in Photo 2.



Photo 2.

How to connect the battery:

1. Connect the “-” leg of the battery to the “-” on the controller.
2. In the positive circuit, first connect the “+” leg of the controller to the auxiliary connector (to which a resistor with tens of ohms is connected in serial). This will limit the charging current when connecting the wires and will charge the filter capacitors without sparking.
3. Now connect the power wires (sparking will not occur). You may start the motor now.

There are no special requirements on the auxiliary connector. The current is small (1 to 2 amps) and lasts for a short time.

There are also no requirements on the resistor. Any type is sufficient such as metallized 0.6W, size 0207, value between 20 to 50 Ω depending on the voltage of the battery pack. Also, those for 4-6 LiPos use 20 Ω , for 10 LiPos 33 Ω , those for 12-15 LiPos that use 51 Ω will work. However, it is not necessary to use these exact values because of wide variation.

Connect the positive leg

Connect the new auxiliary connector first. Capacitors are charged with small current. Sparking will *not* occur. (Photo 3.)



Photo 3.

The next club meeting will be on September 14, 2013

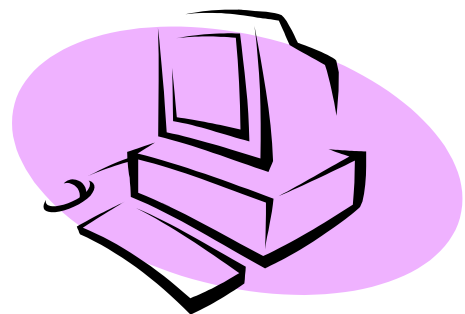
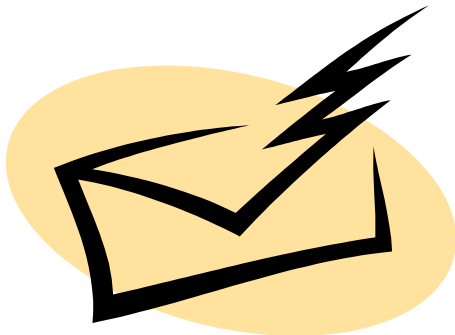
11:00 AM at the field

“Don’t Miss It”

Southern Alameda County Radio Controllers

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SACRC "SacRats"
Visit our website @ www.sacrc.org



Steve Hoyt - Editor
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