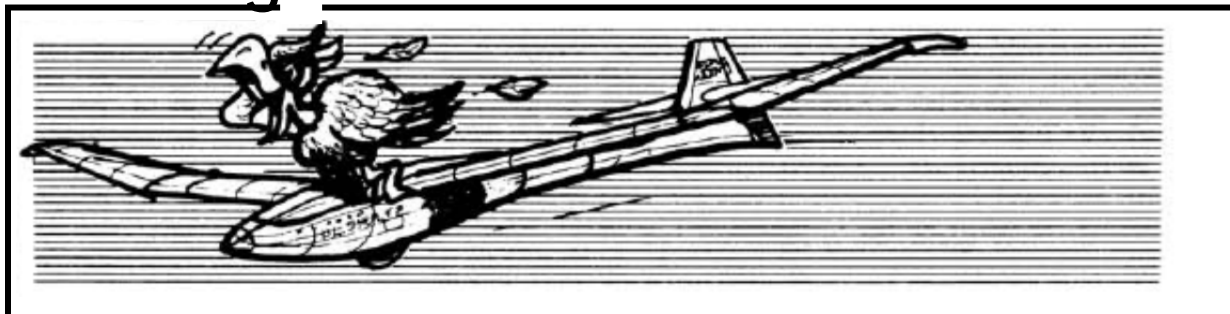




President: Harvey Jenkins **Contest Dir:** Eber Graham
Vice President: John Barr **Treasurer:** Bruce Aveson

Equipment Manager: Major Anderson

Soaring

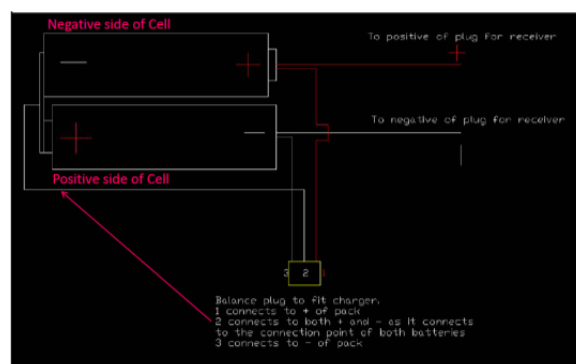


Keith Kindrick March 2014

The last weekend sport flying session was cut off by the most power storms we have seen in a while. Major took his drives up to the field each morning to report back with his classic "Let's all fly" yet it was not to be. Rain totaled 4.6" at my house for the three days of storms. Our field being a sand based surface drains very well. So when Major comes back with a standing water report we know there was rain in Fish Canyon!

Battery balancing is another conversation point that many people bring up. Do I really need to do this on a LiPo, LiOn, or LiFe cell pack? The answer is yes but you do not need to do this every time. Once the battery pack has been balanced during the first few charge sessions the pack will remain stable with each battery cell staying at its voltage. The main reason you need to balance is to assure yourself each cell is equal. If it is not the pack may read the proper overall voltage after charging then 45 minutes into your flight the plane loses control and you have an expensive pile of parts. It is at this point where you find out the pack was at full voltage with one cell charged below its full capacity. As you flew that one cell slowly reached the low

voltage point and rolled over as you flew. Balancing as you charge allows you to know what each cell voltage is after the charge cycle ends. How cool is that? Knowing your pack is healthy prior to flying makes it a great experience. Below is a diagram to show how a pack can be wired to balance a LiPo, LiOn, or LiFe cell pack.



SWSA 2 Meter Update

AS of 3-11-14

Input from Frank Corsaro: Progress for the SWSA 2M gliders Club project has been in work about 4 weeks now. The 2M glider starting point is from Harvey's original



Silent Wings Soaring Association

March 2014

design for 2007. Acquired by Frank in June 2008 and flown petal-to-the-metal for 5 years.

CAD Drawing for the new design was completed (one minor revision pending) thanks to John Barr

Drawing review and additional destructive analysis (design detail) Frank

Harvey has been working on the prototype, using the CAD drawing,, Tail feathers completed, fuselage parts all cut out, rib templates cut ,,

Thermals .

Frank

Most of us have known this bird as the "Harvey Special". I've never seen a glider take the torment this one has so we all know the design is "rock" solid after Frank's durability testing. The new one will be amazing with this team driving the design!

End of the Year Banquet pictures are here!

I was not able to make this year's event due to a conflict with my wife's birthday so I wondered where the pictures were. Frank tells me the pictures were misplaced so here is how the awards looked this time around for the pilot of the year.

Andy Thonet is the top pilot of the year for the Rudder Elevator Spoiler (RES) class in 2013



Frank Corsaro is the top pilot of the year for the 2 Meter class in 2013





Silent Wings Soaring Association

March 2014

Dan Borer is the second pilot of the year for Open class in 2013



Major Anderson is the third pilot of the year for Open class in 2013



Our new 2014 president Harvey Jenkins is ready to lead the SWSA team for the new year. Dan passes the leadership duties off to Harvey. Thank you Dan for all of your great leadership in making SWSA a great organization!



Super Fill

After years of filling and sanding I'd like to give you the best filler I know of. Super Fill is an ultra-lightweight epoxy filler for rough fill and contouring which does not shrink. It comes in two containers (part A and part B). The mix ratio is 2 to 1. When you get the two parts of Super Fill in front of you one part is tan and the other a light blue. When the parts are mixed they remind me of warm salt water taffy being stirred into a light sky blue color. After mixing apply with a firm squeegee or putty knife. It tools around the areas you are filling super easy. If you can frost a cake you can do this! It sticks to everything you are filling. The pot life is excellent and it cures overnight without sagging or running. More consistent than hand-mixed micros. Weighs only 3.8 lbs. per gallon. Ships as NON-HAZMAT.



Silent Wings Soaring Association

March 2014

I've used 150 grit wet or dry paper sanding it wet to complete the contouring in need. Super Fill sands so easy and doesn't clog the paper. It is available from Aircraftspruce.com

Poly-Fiber SuperFil 1 Qt Kit

(20oz. Resin / 12oz. Hardener)

Part number: 09-28250

Current price is \$22.90



Future Events

2014 Visalia Bent Wing.

The dates are May 3rd and 4th. You can go to rcsoaring.com click on contests. There you find the entry form. You can use PayPal or mail the form in with a check.

Just like last year there will be an ALES event on Friday May 2nd. Sign up on the field Friday at 11 am with flying to start at 12 noon. This will give all who want to fly time to travel. Entry fee for Fridays ALES will be \$20.00. Pay at the field when you sign up. Kent Nagy, Mark Taylor and Tim Johnson will run Fridays ALES. Set your **limiters to 200m** and enjoy the day.

For those who choose the basin will be open for practice during Fridays festivities. Depending on the water situation.

Hope you all can make this event. It will be fun for all.

2014 SVSS Summer Soaring Challenge

First announcement for the 2014 SVSS (Sacramento Valley Soaring Society) Summer Soaring Challenge.

Dates - Sat., Sun. June 21-22, 2014

Classes offered are: Unlimited, 2-Meter, RES, Nostalgia and ALES. Woody class sailplanes are welcome but will fly in their span/function class. Junior, Senior, Open combined, no Gray Cup class. ALES will be scored as a single class, no subclasses. ALES class will be integrated into the overall flight order matrix, will launch in sequence similar to all other classes, and will use the same graduated landing as Unlimited Contest Director - Jim Thomas

Information on local motels, entry fees, entry form, and general information about SVSS and the Davis flying site can be found at the SVSS website: www.svss.org.

That is it for this month. ***Thermals to all ~ Keith***

2014 Contest Schedule

<u>DATE</u>	<u>EVENT</u>	<u>CD</u>
Sunday Feb 9, 2014	SWSA CLUB	Harvey Jenkins
Saturday & Sunday Feb 22-23/2014	SWC	CASL
Sunday March 9, 2014	SWSA CLUB	Andy Thonet
Saturday & Sunday April 12-13/2014	Fresno Classic	FSS
Sunday April 13, 2014	SWSA CLUB	Phil Halford
Saturday & Sunday May 3-4/2014	CVRC BentWing	CVRC
Saturday, May 10, 2014	SWSA CLUB	Bruce Aveson
Sunday, June 08, 2014	SWSA CLUB	TBA



2014 Contest Schedule Continued

Sunday,

July 06, 2014 **SWSA CLUB** TBA

Sunday,

August 10, 2014 **SWSA CLUB** Tony Brooks

Sunday,

Sept 07, 2014 **SWSA CLUB** James Smith

Sunday

Sept 21, 2014 **Wilson Cup** CVRC

Saturday & Sunday

Oct 4-5, 2014 **VISALIA FSF** CVRC

Sunday,

Oct 12, 2014 **SWSA CLUB** Keith Kindrick

Sunday,

Nov 09, 2014 **SWSA CLUB** Edgar Vera

If you have any events let me know

