

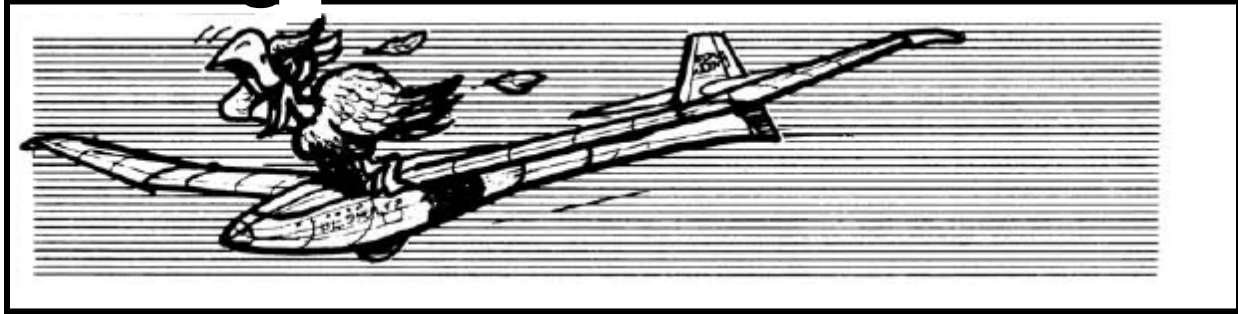


President: Harvey Jenkins

Contest Dir: Eber Graham Equipment Manager: Major Anderson

Vice President: John Barr Treasurer: Bruce Aveson

## Soaring



Keith Kindrick November 2013

Looking back at all the history of this club I've seen a lot of great individuals form, manage, and drive this organization. I decided to pour over the last newsletters I could find on the website. The one thing I see today is the core group on the soaring side remains the same as it has from 2008 which is amazing.

We did lose Howard Little unfortunately yet enjoyed his friendship long enough to give him a life membership as recorded above. Over the 35+ years I have been a member SWSA has relocated from San Dimas, Covina, and now to Duarte in the Fish Canyon area. PSS once was a thriving club at one time then joined forces with SWSA.

Tony Stark was the force to find our current field then was able to get the winches and retrievers from PSS into the SWSA equipment depot for all of us to enjoy. The PSS membership did not entirely transfer into the SWSA group due to the long drives many of them faced.

We could go on and on about the lack of grass and a wider field. I'd like to focus on what we do have which is a flying site which can support



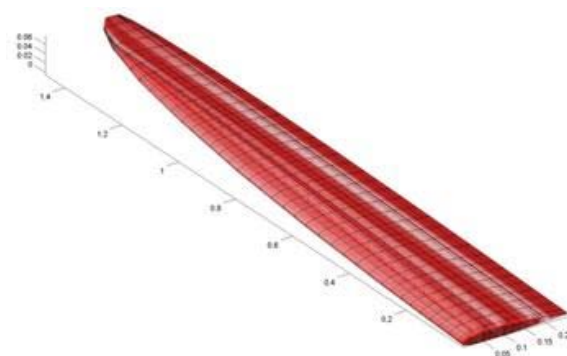
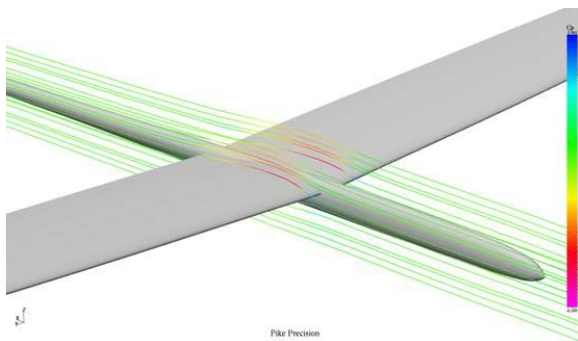
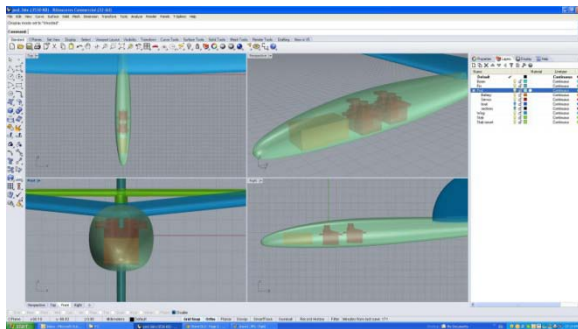
Sailplanes, Electric power planes, Multi-rotors, and Helicopters. It's a dedicated flying site void of sports activity which is rare in Los Angeles. Things are good for SWSA in this area. We will be having new carpet soon which will help the problems we see with rips and tears gobbling up a few front ends on landings. This will ease the tension of the SC2 participants who have popped a hole in the old surface.



November 2013

## How do new sailplane designs show up?

New designs happen a lot quicker than they used to these days. Do any of you recall using the Frank Zaic books? I used to pour over them to learn what is needed for drawing out my latest creation. Today some use a computer aided design program with various simulation programs to predict any aerodynamic problems prior to fabrication.



Once all of this design verification is complete it's off to the metal mold fabrication. So few of us actually see what is machined then what is transformed to make our shiny surfaces. Here is the beginning of the newly machined mold.



Then after a serious polishing job with various compounds we have a final mirror surface.



Once this is completed the mold is sprayed with release agents, painted, and various fabrics and structural parts are laid up inside the structure.



As you see in this picture below the orientation of the spars is unlimited.



Completion of this effort leads to the final mating of the parts for the final part.



After the parts have been cured in an oven the molds are separated and a final part is seen.



For a modern repeatable design this method is no doubt the only way to go. Parts are usually the same weight and fully interchangeable between the same models. The only thing that I have found is there is no greater satisfaction of building your own parts and flying it around the sky. Who could not love building a wing in the garage with your own hands!??



### Future Events

#### **The FABULOUS CHRISTMAS BANQUET & AWARDS**

**December 10th**

Spaghetti Eddie's , 946 S. Grand Ave, Glendora, 91740

**Starts @6:30 PM Dinner @ 7:00 PM**

\$30 per person – Bring the wife or girl friend or both  
Price includes Appetizer, Salad, 3 Entrees, Desert & Beverage

Remit \$ to Bruce Aveson [baveson@yahoo.com]

**Before December 1st**

Email John Barr @ 'john7541@sbcglobal.net' to RSVP



[Future Events Continued](#)

**1st Annual Mark Child Memorial Toys-4-Tots Contest**

Contest details:

**Field:** Field of Dreams in San Pedro, CA.

**Date:** Sunday November 24, 2013. Start of contest is at 9:00am.

**4 Classes:** Open, RES, Open ALES and Foamy ALES. The ALES is not man-on-man scoring but will be for launching only.

**Trophies:** Traditional Bear trophies for the first three places in each class.

**Entrance Fee:** For each class entered a \$10-\$15 unwrapped toy for the Marines Toy-4-Tots toy drive and a \$5 field use fee.

**Rounds:** Three rounds, 5 min, 10 min and 10 min with 950 flight points and 50 landing points. The landing will be the normal surprise landing to be announced at the Pilots' meeting.

**F3J in the Desert 2014 (Phoenix, AZ)**

Thursday/Friday February 20/21, 2014.

Plan on 5 man teams. This equates to 60 pilots. Pilots that register after the 60 will go on the waiting list. You can organize your teams using the team manager on F3XEvents.com. Teams should be completed by Feb 7.

All proceeds of the event will go to the US Team. Registration will open Monday November 18 at 8:00 AM MST

**SWSA Monthly Contest 12/14/2013**

Task description will be available at the event

[Club Business](#)

At our last club meeting the board out of necessity to keep the club functional has decided in order to raise enough money to meet operating expenses the only fair thing to do is raise our club dues to \$72.00 a year. This may be a hard pill to swallow for some but the only way we can stay operational! The new

dues will be effective 12/01/2014. That is only \$6.00 a month or \$1.38 week or 20 cents a day for the year!!! Still a great price for a place to fly!!!

The nominees for next year's officers are as follows:

- President Harvey Jenkins
- Vice President John Barr
- Equip. Manager Major Anderson I
- Contest Director Eber Graham
- Treasure Bruce Aveson

John Speilman has agreed to post scores for our contests when sent to him by Eber Graham on our web site!

If anyone else wants to volunteer please let us know!

