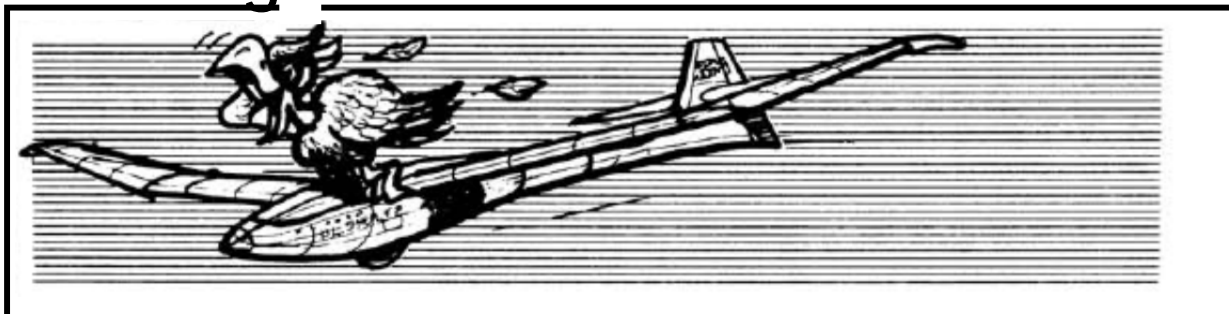




President: Harvey Jenkins **Contest Dir:** Eber Graham
Vice President: John Barr **Treasurer:** Bruce Aveson

Equipment Manager: Major Anderson

Soaring



Keith Kindrick December 2014

November Contest

Edgar **Vera** was the CD for this month's event and it was a heavily attended! Edgar threw down a 5, 7, 10, and 6 minute event with the short tapes. It was the perfect setting to watch Eber and Major face off for the year end open class flyer of the year award. As far as I could tell he had the highest pilot count for a monthly. When you have Edgar and Mike **Morjoseph** around it is a fun day. I have not laughed this hard at one of our monthly events in a long time.

On Saturday Eber crashed his Pike Perfect and spent his evening using CA and Kicker with a touch of bailing wire to hold it all together.



Eber was thrilled when his test flight was a huge success before the contest. Major in the meantime was all grins knowing Eber had a battle worn machine that barely held together. As the day wore on Eber had to add additional tape to keep it together and not let Major stroll by with a victory.



As you might imagine after all the effort he has expended keeping this Pike alive this year he has a mixed feeling for his warrior. As he told me when I asked about picture for the newsletter in his words, "The picture



will be similar to an organ donor after the organs have been harvested." I can see now why I'm not a fan of becoming an organ donor. Is that what really happens to the carcass of one? Yikes!



As the day of the contest would have it lift was challenging. Weak thermals were all over but you had to go look for them. I saw Phil **Halford** travel all the way to Baldy on one flight! Nice flight Phil! Henry **Rodriguez** took his Ava Pro around the winch line for 3 minutes at eye level to make his time. (He just hoped no one launched) then how about the zooms that Jim **Smith** put up on his new Ava? WOW (Wait till he has all the dots cut for it!)



Even our good friend Doug **McIntosh** came out to fly with us again. Welcome back! It was a great way to end the 2014 Flyer of the Year hunt.



Silent Wings Soaring Association

December 2014

In the end it was Eber who took home the **Flyer of the year in 2014!**



Major after a hard fought battle took third overall in 2014.



Frank Corsaro remained the dominant force in 2 meter once again for 2014.

Phil Halford was second flying his Vulture





December is the start of the 2015 season and we want you all to have a good start. Start looking over the gear you have to make sure you're ready. Our newest Expert is on the prowl.



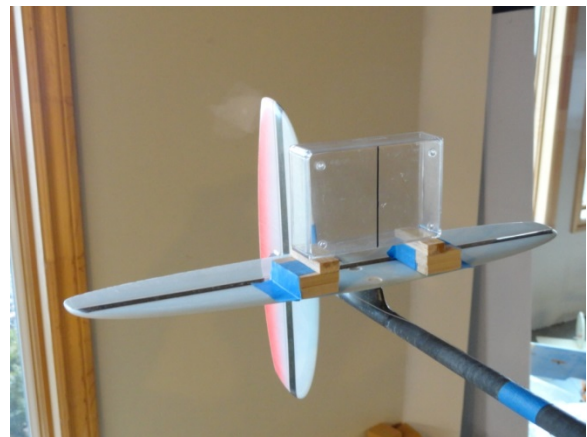
When Major goes to sleep each night he has this picture under his pillow to make sure he stays focused.



Club Dues are lower for 2015 at \$48.00 per year or \$4.00 per month please pay Bruce.

Alignment made easy

I'm sure all of you have wondered how everyone aligns the tail ends on the Ava types. Well it actually is pretty easy. All you do is look for the clear box covers of all the goodies you throw away. Take out your building square and mark a line on it in the center. I like to use black auto pin striping but you can do it anyway you want. Here is a picture of my latest project.



DJI introduces the Inspire 1, its newest mid-tier consumer drone





With more mid-tier drones hitting the market at affordable prices — including SZ DJI Technology Co.'s Inspire 1, which launched on 11/12/2014 for around \$3,000 — drone enthusiasts are predicting greater professional application of drones in the commercial market.

Uses have ranged from estimating crop yields and building 3D maps, to thermal infrared power-line surveying, oil and gas exploration, freight transport, telecommunications, weather monitoring and filmmaking. Many emergency responders and humanitarian organizations now use the aerial cameras as digital eyes, spotting people in difficult-to-reach areas who may be in need of aid.

DJI's six-pound Inspire, which is a mid-tier model in DJI's line of products, is slightly more advanced than its Phantom consumer drone and can reach speeds of up to 45 miles per hour, soar as high as 300 meters, and reach a horizontal distance of 700 meters from the operator. The Inspire can fly for 18 straight minutes on a single battery charge, compared with the Phantom's 25 minutes, and is programmed to automatically return to its takeoff location if it loses connection with the operator or is running out of battery.

It has a 4K, 360-degree aerial camera, four times the resolution of the Phantom's 1080p camera, can stream high-definition video back to a mobile device in real time via DJI's app, and has retractable landing gear to provide an unobstructed shot.

Another function useful for industrial applications is its dual-control system. It can be operated by two people at the same time — one person piloting the machine and the other

steering the camera.



Drone flights face FAA hit

Published: Nov 23, 2014 11:22 p.m. ET

Highly anticipated federal rules on commercial drones are expected to require operators to have a license and limit flights to daylight hours, below 400 feet and within sight of the person at the controls, according to people familiar with the rule-making process.

The drone industry has awaited commercial rules for about six years, hoping the rules would pave the way for widespread drone use in industries such as farming, filmmaking and construction. Current FAA policy allows recreational drone flights in the U.S. but essentially bars drones from commercial use.

While the FAA wants to open the skies to unmanned commercial flights, the expected rules are more restrictive than drone supporters sought and wouldn't address privacy concerns over the use of drones, people familiar with the matter said.

The agency also plans to group all drones weighing less than 55 pounds under one set of rules. That would dash hopes for looser rules on the smallest drones, such as the 2.8-pound Phantom line of camera-equipped, four-rotor helicopters made by China's SZ DJI Technology Co. Similar-sized devices are seen as the most



commercially viable drones and have surged in popularity in the last two years.

In addition, pilot certifications likely to be proposed by the FAA would typically require dozens of hours flying manned aircraft, according to people familiar with the rule-making discussions. Drone proponents have resisted requiring traditional pilot training for drone operators.

An expanded version of this report appears on WSJ.com.

Ever wonder what it takes to do a fuselage mold? In this series of pictures you will see what it takes.







December 2014





Enlarge the picture below and as you see the mold is a bust. Whenever you are making a mold the first layer is the most critical. As this model builder found out after all the hard work the tooling resin he used was improperly cured. All of the smooth surfaces he had hoped for are rippled and irregular making this mold useless. Not everything goes to plan. Make a test section before you start on the entire mold.



This is what you should see when the mold halves are separated.



Making molds is a fun project. Just be diligent on how you progress with each step and it will be rewarding.

Take a look back in time during the 1970's SUD City Soaring event located at the end of this newsletter. At the time it was a premiere event.



Mike is our new fashionista for this season!

That is it for this month.

Thermals to all ~ Keith

2015 Contest Schedule

<u>DATE</u>	<u>EVENT</u>	<u>CD</u>
Sunday Dec 7, 2015	SWSA CLUB	Dan Borer
Sunday Jan 11, 2015	SWSA CLUB	Phil Halford
Sunday Feb 8, 2015	SWSA CLUB	Mike Deckman
Saturday_Sunday Feb 22-23, 2015	SWC	CASL
Sunday March 8, 2015	SWSA CLUB	John Barr
Sunday April 12, 2015	SWSA CLUB	Frank Corsaro
Saturday & Sunday May TBD/2015	CVRC Bent Wing	CVRC



2015 Contest Schedule

Saturday		
May 9, 2015	SWSA CLUB	Henry Rodriguez
Sunday		
June 14, 2015	SWSA CLUB	Harvey Jenkins
Sunday		
July 12, 2015	SWSA CLUB	TBD
Sunday		
August 9, 2015	SWSA CLUB	Bruce Averson
Sunday		
Sept 13, 2015	SWSA CLUB	James Smith
Sunday		
Sept TBD, 2015	Wilson Cup	CVRC
Saturday & Sunday		
Oct 3-4, 2015	VISALIA FSF	CVRC
Sunday		
Oct 11, 2015	SWSA CLUB	Keith Kindrick
Sunday		
Nov 8, 2015	SWSA CLUB	TBD
TBD		
December 2015	SWSA Year End Party	

2015 Holidays and Observances

Jan 1	New Year's Day
Jan 19	Martin Luther King Day
Feb 14	Valentine's Day
Feb 16	Presidents' Day
Apr 5	Easter Sunday
Apr 13	Thomas Jefferson's Birthday
May 10	Mothers' Day
May 25	Memorial Day
Jun 21	Fathers' Day
Jul 3	'Independence Day' observed
Jul 4	Independence Day
Sep 7	Labor Day
Oct 12	Columbus Day (Most regions)
Oct 31	Halloween
Nov 11	Veterans Day
Nov 26	Thanksgiving Day
Dec 24	Christmas Eve
Dec 25	Christmas Day
Dec 31	New Year's Eve

If you have any events let me know

