

# Plane RAP

AMA Charter #128  
The Western Soaring Capital  
<http://www.1hss.org>



## The President 2002 Seasons Greetings to All

I hope everyone had a good Thanksgiving and had enough turkey to last another year. Christmas is almost upon us and the New Year too. Boy, how time flies. (I wish I could fly as fast as time, without hitting the ground.) So, I hope you all will find time over the holidays to get in some flying. I can see green showing up already at the field. I know there are a lot of family things going on at this time of year, so take them flying too. Don't forget the H.S.S. Holiday Dinner. Merry Christmas, Happy New Year, fly high and keep your butts off the ground. I wish you all the best! Happy Holidays, from your 2002 president. Karl V. Hawley :>)



Karl Hawley and his 3mm Gnome

## NO MINUTES

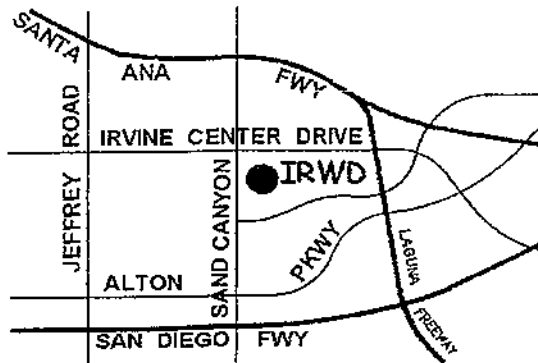
No minutes from the last meeting because our secretary, Les Kenyon had his new Ford in for repairs. It was given the "Sunshine" treatment in the parking lot until he came to pick it up. No Work performed on the car until he arrived.

The meeting was called to order by Jim Hanson V.P. and the officers for 2001 were elected. See last page for results. Considerable discussion concerning electric flyers at out field, however no conclusion was reached on the problem. Thanks for the articles submitted for this and past newsletters. SOME people have been very generous with their articles, keep them coming and we would love to hear from some new folks. Very easy, send by snail mail or send as an attachment to [Willco70@aol.com](mailto:Willco70@aol.com)  
Editor



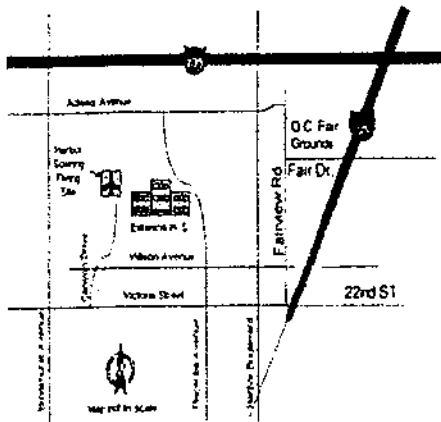
Ross and Maxine Thomas  
Contest Coordinator and Contest Scorer

**Meeting Location: Irvine**  
**Water District** located at 15600  
 Sand Canyon Ave. 1/2 mile West  
 of 5 fwy., south side of street.  
 (note: Board Meetings are Held 30  
 Minutes Before Club Meetings)



2. Map. The Irvine Ranch Water District neither warrants nor endorses the content of a travel or map service which uses the District's property name. All are made available in a public format.

**Flying Site**



**CLUB ACTIVITIES**

- Dec. 02<sup>nd</sup> Club Contest
- Dec. 11<sup>th</sup> H.S.S. Christmas Party

**2002 SCHEDULE**

- Jan. 06<sup>th</sup> HSS Meeting
- Jan. 13<sup>th</sup> SWSA Contest
- Feb. 03<sup>rd</sup> HSS Contest
- Feb. 05<sup>th</sup> HSS Meeting
- Feb. 6-9<sup>th</sup> SSA Annual Convention  
 Ontario, Ca.

**(Dates subject to change)**

**NICK'S VIEW**

Sunday Dec. 2<sup>nd</sup> seems to be a good time to begin thinking about gifts, so the awards will be gift certificates with the help of Dave Saunders, \$90.00 will be awarded. Format for the Open Contest is 2 flights. One 6 minutes and one 8 minutes with 20 pt. landings, to help set up double elimination part of the Open Contest. A donation of \$2.00 for use of the equipment is asked. Rain date is Dec. 9<sup>th</sup>. See you at 9:00 A.M. Support your club, come on out!!  
**NICK BUZOLICH**

**H.S.S. Christmas Party**  
**December 11<sup>th</sup>**

**Kaplan's Deli in Costa Mesa**  
**Support your club, BE THERE!**  
**A good time to get acquainted and**  
**the foods great!**  
**Be there or be square!!!**

**IMPORTANT!!!**

**DECEMBER MEETING**

There will be no regular  
 December meeting, your  
 attendance at the Christmas  
 Party is requested.

## Lake Elsinore Area Activities

This information is submitted to offer the HSS reader different and interesting venues for your modeling adventures. Remember that life and modeling can coexist if you share with your friends and family.

The San Juan mountain range is home to the Cleveland National Forest and separates Orange from Riverside County. Beyond forming geographical boundaries these mountains create unique weather patterns that are beneficial to full sized gliders, skydivers, hang-giders, and, of course, our interests of model aircraft.

The convergence of cool off shore air and warm desert air along the mountain ridges causes booming thermals to be constantly generated. From high ground overlooking the 3000-acre lake basin it sometimes appears like carpet-bombing in progress. Indeed, we have had days tossing hand launched gliders and every throw was a sky out. This doesn't happen every day of course but often enough along with inversion layers that some fascinating flying can occur. At the south end of the lake basin, off Corydon Street, is the entrances to the glider port, skydiving center, and motocross motorcycle course. At the glider port you can take lessons or get a ride for \$45. At the skydiving center you can take instruction or if certified \$17 will get you a lift to 12,500 feet at which time you can exit the aircraft. Sometimes you can arrange to go up as an observer for \$20 which is a real É ticket ride since the aircraft often beats the jumpers back to the ground and they are free falling for a full minute. If you are inclined towards off road motorcycle

riding then \$15 will get you into the motocross park for the day. Before you do that check with John at JAX Hobbies and ask him how he broke his arm.

At the north end of the lake basin is a three-mile long levy that forms the south perimeter of the lake itself. This is a great place to walk the dog or ride bicycles if the family is along. South of this levy on the Westside is an overflow basin, which forms a wildlife preserve, containing a body of water approximately a city block square. This is a decent place to fly seaplanes in you are into doing such things. At the west end is the Lake Elsinore Storm baseball stadium. During the season be sure to attend one of the games. It's much nicer than the hassle of the major league stadiums and the family will love you for it. The south parking lot of the stadium is gravel but smooth enough to serve as a runway for medium to large model airplanes. The open land adjacent to this is good for everything else but you may prefer to move further south into the basin, especially if you are setting up a winch or high-start. There is plenty of room and common sense should dictate to stay well away of airport operations.

Nearly every Saturday morning you'll find a good-sized group of free flight modelers in the center of the basin. Drop by and you'll see superb craftsmanship and an interesting aspect of the hobby.

Eventually this basin will be developed into a large regional park. The airport and associated activities will remain but golf courses, ball diamonds, and equestrian trails will be built. With the local politics this probably won't happen for many years and its unknown how much, if any, open area will be available to continue flying models.

(continued on page 04)

(continued from page 3)

If you visit the lake basin remember that all travel is on sandy trails but any type vehicle should be able to navigate the area if you don't get stupid. The area is also patrolled by the Riverside Sheriffs. They don't mind model flying at all and are sometimes interested spectators. Again, don't act stupid. We've flown here for 25 years and have never had a problem.

The ISS is developing a new flying field west of the City of Perris at a dumpsite that was closed in 1977. Other than that there is not much in the way of organized thermal flying in the area. This is power plane country. Nearly every community in the area has at least one power field. All of these clubs have a policy similar to HSS. You are welcome to fly as a guest if you have a current AMA card. Check out and follow any club rules and procedures and you will have a great time and be welcomed back.

There are several great slope-flying sites in the area. A good slope will let you do everything with a glider that a power ship will do except unlimited vertical performance. The HSS club field slope rarely provides decent lift because of its limited height and wind direction. If that's your only slope experience and you've been disappointed then you'll love it out here. Two of my favorite sites are off the Ortega Highway and best of all, only a quarter of a mile apart. About 22 miles east of the Interstate 5 on the Ortega Highway (US 74) you'll find the main divide road, which at that point is named "Killen Trail." Proceed south for one mile to a wide paved spot in the road offering plenty of parking. If Santa Ana winds are prevailing then note the great view overlooking the lake below and throw your glider off for some great flying. If a normal offshore breeze is present then continue another quarter of a mile down the road to a wide spot in the center of the ridge. There is room for about a dozen vehicles but this is also your landing spot. The lift is usually outstanding allowing you to fly as far left or right and in front as you are

comfortable with. If you are a new flyer it's a great training experience since you don't have to worry about finding lift, it's there and constant. As mentioned, the landing area is tight so epp foam airplanes are a good bet here. Best landing approach is to pick a bush and fly into it.

If you like hiking another half a mile down the road brings you to the Morgan Trail Head. You hike alongside of a stream beneath oak trees hundreds of years old. Nice and it will get you into shape to help you retrieve your slope ship when it goes down.

Continue down the road a little farther and you come to the hang-glider jump off point. There are more great views of the lake and really interesting to watch if you've never seen this before.

It's been awhile since we've hosted a slope fly and bbq out this way. When the holiday season activities settle down we'll get another one going. If you don't have a slope airplane, not a problem, we'll get you into the air.

In the meantime get into the habit of doing random acts of kindness whenever you have the opportunity. It sure makes for a better world and makes you a better person along with feeling pretty darn good too.

Larry Enger



Larry Enger and Wedgie

# Tentative H.S.S. Schedule

## 2002

Jan. 1 HSS Meeting ????

Jan. 6 HSS Contest

Jan. 13 SWSA Contest

Feb. 3 HSS Contest

Feb. 5 HSS Meeting

Feb. 10 SWSA Contest

Mar. 3 HSS Contest

Mar. 5 HSS Meeting

Mar. 10 SWSA Contest

Apr. 2 HSS Contest

Apr. 7 HSS Meeting

Apr. 14 SWSA Contest

May 5 HSS Contest

May 8 HSS Meeting

May 12 SWSA Contest

May 18-19 Visalia Res

June 2 HSS Contest

June 4 HSS Meeting

June 9 SWSA Contest

July 2 HSS Meeting

July 7 HSS Contest

July 14 SWSA Contest

Aug. 4 HSS Contest

Aug. 6 HSS Meeting

Aug. 1 SWSA Contest

Sept. 1 HSS Contest

Sept. 3 HSS Meeting

Sept. 8 SWSA Contest

Oct. 1 HSS Contest

Oct. 5-6 Visalia Fall Contest

Oct. 13 SWSA Contest

Oct. 20 HSS Contest

Nov. 3 HSS Contest

Nov. 5 HSS Meeting

Nov. 10 SWSA Contest

Dec. ??? HSS Contest

Dec. ??? Christmas Party

Please note that it is proposed that all HSS contest dates are scheduled for the first Sunday of the month regardless of the club meeting date. This will be voted on at the next Club meeting.

### Miscellaneous Items

1. This is a nice site to check your area or the county for gas prices.  
<http://www.gaspricewatch.com/USGasindex.asp>

2. **Wanted:** MAKO for slope flying with 1/2 wing rod, any condition.  
 Call Karl Hawley at (714) 545-2722 before 9:00 P.M.



Tyler Merati



**Bring on the Taliban!**

# Harbor Soaring Society



## --- Club Policy ---

- *Be a Good Neighbor.*
- *Fly Safely.*
- *Always fly with a spotter.*
- *If a full sized aircraft (including police helicopter) approaches the flying area, land immediately. (If a contest is in progress you will be offered a re-flight).*
- *Always check that a pedestrian has not entered the flying area before you commit to launch or landing.*
- *Please launch and fly all electric powered model airplanes north of the school fence line.*
- *No flying of model airplanes before 8:00am.*

## Sweet Stick Revival

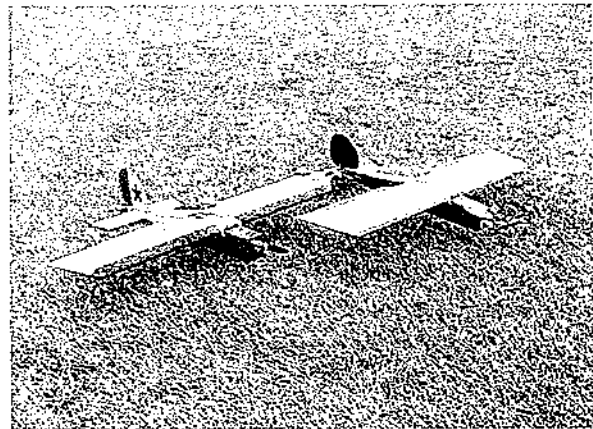
Larry Engor and Steve Hendry were comparing the wines from around the world in Larry's garage last September while looking at a museum of 50+ airplanes on walls and the extensive attic. Looking at 3 similar high wing planes Larry explained these are "Sweet Sticks with a 54" wingspan that were built 20-30 years ago. Larry said, "If your interested I have an Astro 25 that's just sitting around. You would need to buy a speed controller and batteries". Larry striped the covering off, took out some of the heaver wood and drilled big holes in the ribs for a lighting to make up for the weight of the batteries. The Sweet Stick's ailerons extend out to the end of the wing, Larry stopped the ailerons about 1 1/2" before the end of the wing to reduce flutter. Stock Sweet Sticks flutter when pointed straight down.

The Sweetstick is a smaller version of the world famous Ugly Stick that was first kitted by Kraft in 1966. Since that time many variations and sizes have been produced and even today several ARF versions are available. It makes for a durable and good flying aerobatic trainer which is why it has been around so long.

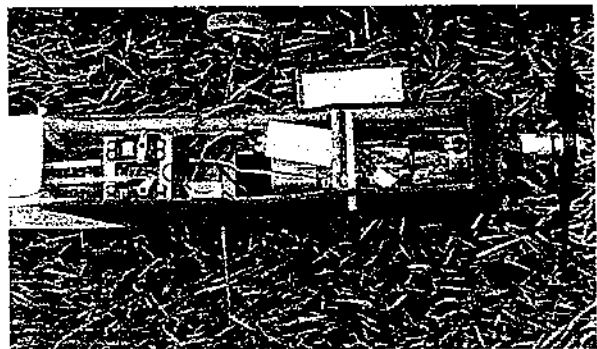
The question is, why power a Sweetstick with electric when that Extra 300 is so much cleaner and realistic? The answer is that this simple old design makes a wonderful test bed to

measure equipment and flight performance. Its square box fuselage offers easy access and plenty of interior room for the array of electrical components. If you are new to electric power this is an excellent means to become familiar with the equipment and to work with different combinations of batteries and propellers until optimum performance is reached.

Now is when you pull the gear and put it into that Extra 300 you wanted all along. I submit that you might get the Extra 300 but will want to keep the Sweetstick too simply because its to much fun to give up. (continued on page 08.)



Sweetstick E and Swetstick G



Sweetstick E 2

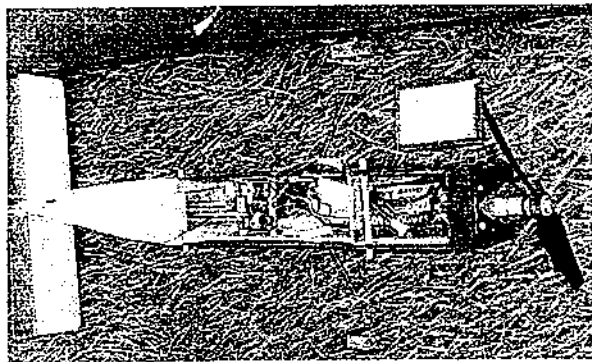
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Speaking of sleek electric airplanes, keep an keen watch for the arrival of "Batman" and his boy wonder Steve Hendry. Coming soon to a flying field near you.

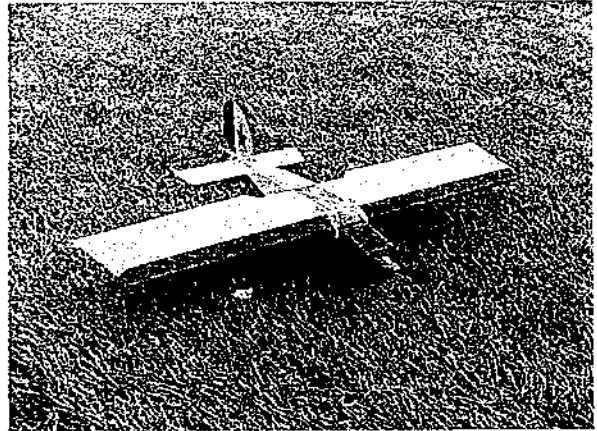
With 14 2400 batteries powering an Astro 25 swinging an 12X8 Master Screw electric wood prop the plane gives 8 minutes of flight until dead stick (out of go). This set up is easy to fly and very predictable in flight. Larry freshened up 2 of these the second one powered by a 40 size OS. The gas job would fly straight up, the Elec. wouldn't. The elec. was easy to take off; the gas was harder because of the engine torque. Both are fun. I liked the gas because of the extra power even though it made a Castro Oil mess on itself.

The Sweet Sticks were taken to the Corona Power Club Field. The folks and the field at Corona are first class. The Corona field is on the east side of the 15 freeway across from Tom's Farms and behind the concrete pipe factory. This offers a way you could shop, eat, and visit the field.

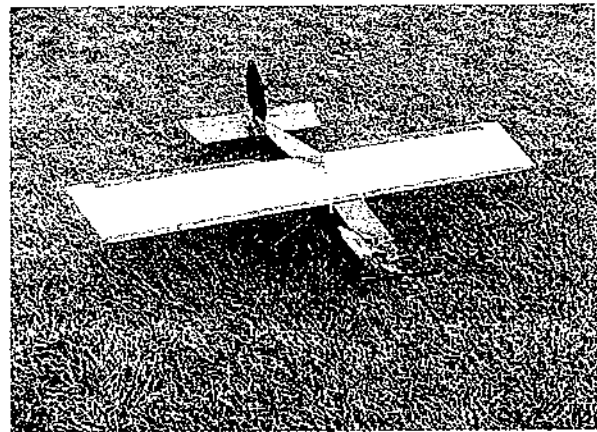
By Larry Enger and Steve Hendry



E Sweetstick



Sweetstick E



Sweetstick G



Steve Hendry



## THOUGHTS FROM THE NEW PREZ!!

1. I would like to take the time to thank all of the members of HSS for coming to the meeting November 06<sup>th</sup>. It was our election night and a good turn out if very important.
2. Get your Christmas Party tickets.
3. The City of Costa Mesa Fairview Friends Committee had a fundraiser November 5<sup>th</sup> at Papa John's Pizza where 20% of the sales went to Fairview Park. Roger can let us know how well it came out. I received the notes too late to get it to the newsletter. (Maybe someday we can do a contest fund raiser)
4. COSTA MESA PARK TOUR: Robert Graham did lead a 90-minute tour of Fairview Park at 9:30 A.M. Sat. November 3<sup>rd</sup>. The notice was in The Orange Co. Register. I called Steve Hendry and left a message for him to put in on the web page to tell everyone to come out and fly, but I forgot Steve was on vacation at the time. So we only had 4 flyers and 3 E-flyers. They walked by like we weren't even there except for Linda Feffer. She was telling a few people about HSS and the flying. I think we need a phone committee or a phone tree, whatever you call it.
5. I have a spot marking the winch and turn around on the ground at the field. I say it is 600 feet, Ross thinks it is nearer 700 feet. Would someone bring out a tape and check it out? The retrievers are up, so come out and fly.

6. Everyone give Les Kenyon a big hand!! He can launch his 3mm Gnome without any help. COOL!! YEA Les!

### **MORE**

#### **"LOOKING at the SKY"**

I look at the sky all the time, as I get up in the morning just to see if it's a flying kind of day. That brings up, (good weather, bad weather) and what is bad weather. It maybe a day that looks like rain or a little cool or foggy. I find most any day is a good flying day. The last SC2 that ISS had was cold there, but there was air going up, not big air, but there were 10 minute flights.

Sunday, Nov. 4<sup>th</sup> it was a little wet out, but I still put up a winch and was getting 5-minute flights with my 3mm Gnome. I was hoping to get under a black cloud and get sucked up, but the whole sky got black about 11:30 A.M., so I picked up the winch and went for lunch. It started raining, by 1:30 P.M. I was back out flying.

Just past Lake Perris at Lakeview on Nuevo Cir just off the Ramona Expressway I put the winch up one more time and had a blast. The air was so good I flew out over the High School. I was so glad that I went back out. No matter what the sky looks like you really don't know how the air is until you put up a plane, so enjoy the thrill of R/C flying even when the weather is looking bad. **Karl H.**

**You have a smaller than usual newsletter due to less than usual input. Keep those articles coming!!  
Will Conrad Editor.**

**HSS. Club Information**

**2002 Officers:**

**President**

Karl V. Hawley (714) 545-4722

**Vice President**

John Hasircoglu (949) 488-3729  
JHASIR@aol.com

**Reminder**

H. S. S. Christmas Party at  
Kaplan's Deli of Costa Mesa.  
December 11th  
Tickets for sale by Board Members at  
the field.

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