

# Hot Air



## Message from the President

February, 2012

A fair number of our members attended the AMA Convention in Ontario in January. The show is dominated by electric powered aircraft and accessories. What stuck out in my mind more than anything else was the dramatically improved detail in the foam, scale, multi-engine warbird RTF's. These aircraft are in the four to six foot wingspan size which allows for panel lines, turret and cockpit detail. They are pretty impressive. That said, multiple vendors are offering these aircraft and you have to wonder what the market will sustain.

Regardless, there were a lot of RTF aircraft to choose from and everything you need from a component standpoint available.

There were a few vendors offering sailplanes, with Soaring USA once again displaying a wonderful collection of beautiful composite ships.

I tried to capture as many of the display models as were available on Friday afternoon in photographs. Hopefully, they give you a flavor of the quality of the aircraft on display. *(Editor: Jeff's photos can be found on the [PSF website](#).)*

At last month's meeting, we decided to have a swap meet at the February meeting. It's

time to rifle through the closets and clean out the garage and with all that stuff you aren't using. Don't forget to bring a little green for the things you might want to take home. We will be having the swap meet in place of the raffle this month.

### Next Meeting

**Wednesday,  
February 1st  
7:30 pm**

**La Romeria Park  
19501 Inglewood Ave**

Mike Lewis volunteered to take on the Treasurer's job. Mike is a welcome addition to the board and we appreciate his support to the club. Patrick Shuss has supported the club in many roles over the years and has decided to concentrate on his other obligations this year which opened up the Treasurer's slot. Please give Patrick and Mike a show of gratitude when you see them at the meeting or flying at one of the fields.

### Upcoming Fun-Flys

**Del Cerro      February 4th  
Entradero      February 19th**

We have been blessed with great weather this winter; it is supposed to be pushing eighty degrees as I write this. Time to head to the field and burn some electrons. Hopefully, everyone has been able to get out and bend the sticks and enjoy the sunshine.

I hope to see all of you at the swap meet this coming Wednesday or at one of the fields!

- Jeff

**PSF Meeting Minutes - January 4, 2012**

Jeff Chambers called the meeting to order at 7:30 pm.

**BUSINESS:**

1. We will have a members swap meet for the February meeting. No raffle but be prepared to take home someone else's junk.
2. The Del Cerro fun fly will take place this Saturday, at noon.
3. The Entradero fun fly will take place two weeks later on Sunday 1/22.
4. Mike Lewis volunteered to take over as Treasurer.

**SHOW AND TELL:**

1. Jerry Lake showed his electric Addiction-X
2. Lonnie Cope showed his very old Mattel Superstar with rotating cam rudder control.

**RAFFLE:**

As usual, it was big with lots of great prizes. Thank you, Jerry!

**NEXT MEETING:**

February 1st, 2012 at 7:30pm

Community Room at La Romeria Park in the city of Torrance

J. Spielman

Secretary, Peninsula Silent Flyers

**Club Officers and Volunteers  
for 2012**

- President: Jeff Chambers  
310-370-0771
- Vice President: Jerry Lake  
310-370-6697
- Treasurer: Mike Lewis  
310-987-8178
- Secretary: John Spielman  
310-378-0951
- Newsletter: Chris Newton  
310-347-6806

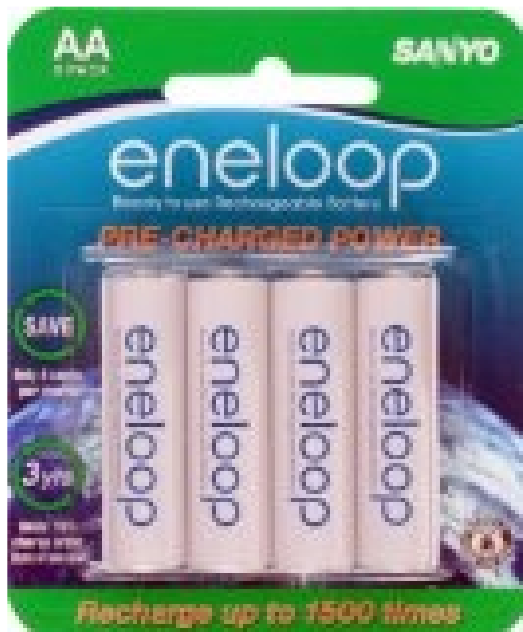


*From the AMA Convention...  
See all the photos on the [PSF website!](#)*



## Notes from the Vice President - Eneloop Batteries

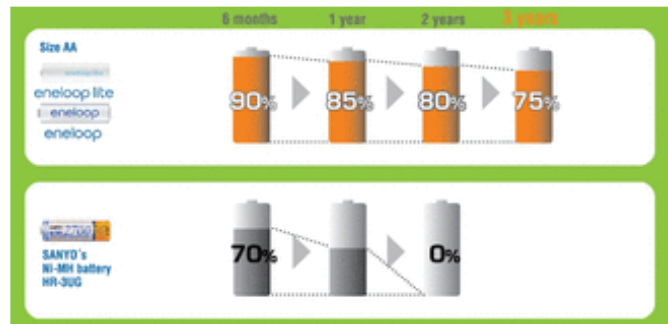
In 2005, SANYO asked hundreds of consumers if they knew about rechargeable batteries, and the reasons why they are still using disposable batteries. The major reason given by the consumers was that they were disappointed by the high self-discharge of rechargeable batteries. "Whenever you need them they are empty and need to be recharged", was a common reply.



This complaint about rechargeable batteries was reasonable, because at that time all manufacturers of rechargeable batteries focused their development on higher and higher capacity, and nobody seemed to care about the self-discharge. Compared to classic alkaline batteries which keep their charge for years, the available NiMH batteries had a rather high self-discharge rate.

Sanyo was the first company to address this criticism from consumers and develop a rechargeable battery with very low self-discharge: eneloop. While conventional NiMH Batteries suffer from substantial self-discharge, eneloop batteries have a drastically reduced self-discharge.

The graphic below shows a comparison between a conventional SANYO NiMH battery and an eneloop battery. While the eneloop battery retains 85% of its initial charge after a storage time of 1 year, a conventional NiMH battery from SANYO has lost 50%.



After a storage time of 3 years a eneloop battery still retains 75% of its initial capacity whereas a normal NiMH battery has no capacity left after 2 years. Some NiMH batteries have an even worse rate of self-discharge. A loss of 1% of its initial charge per day is not uncommon.

This breakthrough in battery technology is a very strong argument against the prejudice that rechargeable batteries lose their charge too fast. Now eneloops can be charged and stored for months and still provide almost full capacity and performance. No more need for last-minute charging or frequent recharging to have a full battery at hand when needed. Now rechargeable batteries can be used in applications which were previously limited to alkaline batteries.

Yes you can use a rechargeable battery in your remote control for your TV-set. Maybe it will not last quite as long as your previously used alkaline battery, but it will last a very long time, and let's not forget you can recharge and re-use it over and over again.





## Eneloop Resources

### Sanyo

(Manufacturer's website)

### Thomas Distributing

(Ordering Eneloop batteries, chargers, etc.)

### Ken Rockwell

(A good review of Eneloop batteries)

## Show-And-Tell

A couple of planes were displayed at the January meeting.

John Whipple brought his beautiful 1/9-scale Sopwith Camel. The manufacturer of the kit is [Aerodrome RC](#). The wing area is 460 sq-in. The current weight is 34 oz with 3 oz of lead, but another balance may prompt additional weight. The power system includes an AXI 2808/20, a 1400 mAH 11.1V lipo battery, and a 35-amp ESC with BEC. The covering was tissue and nitrate dope from [Aerodyne Online](#). The servos are HS-55s.

Jerry Lake brought in his Addiction X 3D Aerobatic flyer. It's transparent covering makes it quite striking to look at. It's manufactured by [Precision Aerobatics](#).





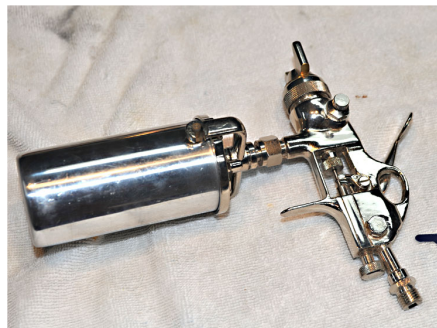
*A Day With The Valley Flyers*

The day after Christmas, I joined Arnold for a trip to the Valley Flyers site for a cold morning of nitro and gas giants. See my write-up and accompanying photo gallery on my [personal website](#).



- Chris

*February Swap Meet!*



This month, we will hold a swap meet at the club meeting.

Jerry will be bringing a host of items, as usual, but you are all encouraged to bring whatever you think others will want.

This is your opportunity to clean out the model shop and make a little dough at the same time!

