

PEAK CHARGE

...licated to the promotion of **electric propulsion** in all types of ... modeling.

SEFSD Newsletter

April 2000

Volume X Issue IV

CALENDAR

APRIL 2000

April 19 meeting

May 2000

May 17 meeting

April Meeting

Agenda

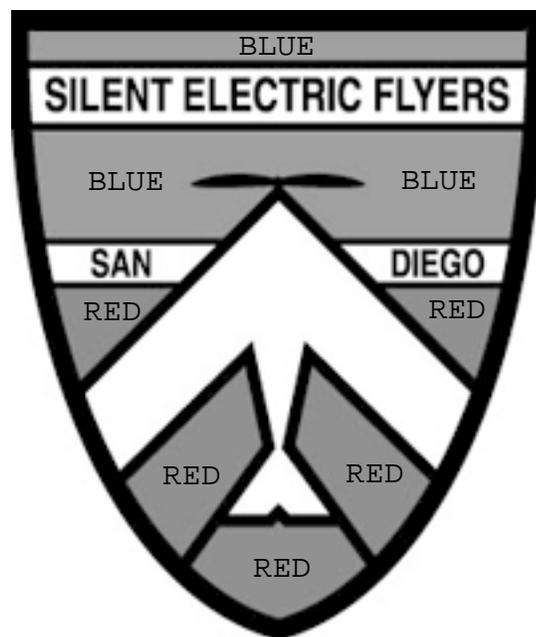
Some old business
and
Some new business

Demonstration

How to make adaptors
that fit gear boxes
to motors with simple
hand tools - Harold
Reed

Raffle Prizes

JR XF622 Radio System
ModelTech Extra300 ARF
Great Planes Electro
Streak
Servos Connectors
Hobby Knife Set



WHAT DO YOU THINK?

The above logo was designed by Ray Stelzner as an alternative to the SEFSD logo. This logo would not replace the current SEFSD logo but could serve as an option.

It would be manufactured from fabric so that it could be sewn onto a hat, jacket, shirt, etc.

The purpose of the new logo could be worn to identify club members at club activities such

as MWE. Visitors to the field could identify members.

Currently, we do not have any logo in any form that can be displayed on apparel.

This is a suggestion to generate interest and to encourage discussion.

So, tell us what you think.

Letters or email to the editor are solicited.

Silent Electric Flyers of San Diego

Club Information

Web Site: <http://sefsd.org/>

2000 Officers:

President Wayne Walker

284-6119 wayne.walker@daou.com

Vice President Bill Knoll

582-2443

Secretary Cliff Vaughn

449-6941 pcat18@concentric.net

Treasurer Mike Neale

674-1378 MichaelWNeale@aol.com.

Co-editors Charlie White

223-8903 charliewhite@home.com

Bob Davis

277-8034 RD5677@aol.com

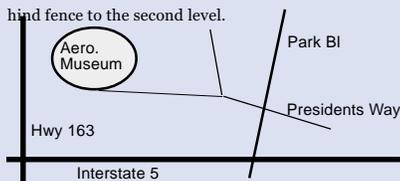
Safety Steve Neu

284-0816 SNEU@aol.com

Monthly Meeting

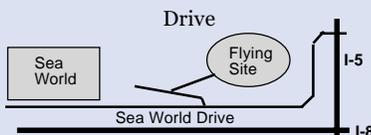
Held third Wed. of each month
(no Dec. meeting), 7:00 PM at the
San Diego Aerospace Museum.

Park at the rear left (south-west side) - use stairs behind fence to the second level.



Flying Site

Located one half mile East of Sea World
on Sea World Drive at South Shores



Membership or Subscription:

\$25 per year, \$15 for subscription only. \$10 for under
18 or additional family member. Contact Mike Neale at
17140 Tam O'Shanter Dr., Poway, CA 92064.

Mission Statement

The objective of the Silent Electric Flyers of San Diego is to promote and further the technology of electric powered R/C aeromodeling: encourage competition in Electric Soaring, Pylon Racing, FAI-F5B/D, Scale, Old Timer, and Pattern Electric categories by hosting major Industry sponsored events and sanctioning "Fun-Fly" types of contests; provide forums for the exchange of technical information, instruction and experience; and participate in demonstrations of electric propulsion in area wide model aviation events.



President's Corner

Wayne Walker

AIAA T-LAR Project

As I write this the UCSD student chapter of the American Institute of Aeronautics & Astrophysics, AIAA, have finished their aircraft, T-TAR, and the flight-testing and crew training will be held on our field Sat. & Sun., April 8 & 9 Th., at 1-5 PM. By the meeting night they will have come back from Wichita, Kansas, hopefully with some awards! The plane is 84 in. span, 11.5 lbs. Empty, 36 cells, 2160 watts on take off, top speed of about 75 mph, payload of 4 liters of water (11+ lbs.)! We are planning on making 3 sorties in the 10 minutes allowed for the task of flying loaded around a 1,000 ft pylon course, then landing and flying two laps unloaded, before repeating this "Sortie" two more times. We wish them all the luck, and I want to thank the entire club members that have personally donated money, time & materials to them. The Club will be matching all of these donations too.

They will bring the airplane to the meeting to tell us about the contest and hopefully show some video of the spills & chills from Cessna plant.

Flight Instruction and Check out program

Congratulations to everyone who's been qualified by Bruce & his team of instructors, he tells me we could use more instructors & trainer aircraft, so please volunteer to help teach some of our new students and young beginners. We're well on the way to having the best and safest pilots in the world flying at our field! Safety is really thinking about what you're doing & where you're going!

Parking & Frequency Control

Be sure to thank Bob Davis & Stan Silver for the new parking signs to help our guests find their way

continued on page 4

Letters To The Editor

The following letters represent the viewpoints of the individuals who wrote them, and should not be misinterpreted as those of the club as a whole, Peak Charge, or the editor. Letters are always appreciated.

I want to thank the member is SEFSD for their kindness in welcoming me into the club during my February visit to San Diego. Steve Belknap helped me tame a Mad Dog. Jeff Keesaman finessed my motor mounting, and Bruce Cronkhite helped charge me up. Over the 8 trips to the field and 15 flights i logged, i enjoyed the camaraderie and instruction of many club members.

Attending and flying in the MWE was a great extra for me. The professional was the meet was run, the variety of events, and the collection of aircraft were outstanding. I was also very lucky that my Mad Dog survived the Mayhem.

You have a large club with a lot of enthusiasm and energy. Good luck advancing this great hobby of R/C flying.

Rock on you e-maniacs,

Jerry Robbins
Mason-Dixon R/C Club
Morgantown, WV.

We are doing something right!



This is a TWIN Electra with 2 Astro FAI05's on 16 cells (600ma scr). From the DEAF www site.



March Meeting Minutes

By Cliff Vaughan

The February meet had a good turnout, a total of 38 people.

The New members / Guest were Bob Mosely, Del Ebeker, Jeff Herman

Ron Scharck announced that Charlie White has Volunteer for the position of personnel coordinator for the World 2000 meet this August and that any members wanting to help would be welcome.

Charlie White & Harold Reed AKA Zip & Zap did a great job with a presentation on the care, feeding, and handling of your nicad batteries.

A special present from the Student Chapter of AIAA for the University of California on the progress on their entry for the "Student Design / Build / Fly Competition". Annie Powers, Kari Goulard, Josh Ttu (AIAA Presented), and Andrew Mye (Project Leader) showed off the plane (parts) that will be used in the completion

Tool Time (Cheep Tools) Was presented by Cliff Vaughan and consisted of an inexpensive building board using prefinished shelf material and sock covering for your iron using baby socks and string

Show and tell had Jack Hicks with his Mad Dog (Bad Dog) sporting a Dalmatian color scheme with a rudder hookup so this dog could wag it's tail. Seth Mogk showed off his new Flea which he had won in an earlier raffle. He reported that the flea flew great and it looked great too. Cliff Vaughan had his new Low Wing Skimmer power glider with landing gear.

The raffle was even bigger and better than last month. Ya Should've been there!

What is the purpose of the propeller?

To keep the pilot cool, of course.

If you don't thing so, just watch him sweat when it stops!

R/C Swap Meet & Auction.

April 29th Y2K--Lompoc CA

Site: Lompoc Boys & Girls Club
1025 W Ocean Ave. Lompoc CA

For info: Brian Burk
719 Arbor St. VAFB CA, 93437
PH: 805-734-3768

Sellers: \$10 for 10 X 10 ft space. Buyers \$2.00, Kids free
8 AM to 3 PM, pre-registration available

Door Prize Raffle at 2 P.M. with "Special" raffle of ready to fly PT-19.
Concessions available.

Visit: www.impulse.net/~cledawgs/clubs.htm

Sponsors: Lompoc Valley Fliers and
Vandenberg AFB WingBusters.

April 23 PALOMAR FLYERS SAN DIEGO 2610/OPEN COMBAT. UNMODIFIED RCCA RULES
INFO SCOTT BILINSKI
BILINSKI@QUALCOMM.COM

April 29 & 30 San Gabriel Valley Radio Control League IMAC Spring Classic
CD Ray Ryciewicz 323-728-1710 rryce@juno.com

to the visitor parking area. It's getting very crowded on the mornings, try to park close to your neighbors in the pit line, it makes for more room for everyone.

Frequency control has had a few problems lately. Be sure to let your friends & flight students know that they must get a clear channel by putting their pin on the board before turning on any transmitters in the cars or pits. The most important thing is to put your name on the pin so when someone wants a channel they know who to go looking for to clear the frequency. Because there are so many old and unreadable pins on the board we'll start throwing out all the clothes pins found on the board in the morning when we start flying. This will get rid of the unreadable ones and insure that we start each day with only the channels being used. If you run out of pins, Vons on Midway drive has them for about \$1.25 for a bag of 50 or so. Please try to remember to take down your pin whenever you turn off your transmitter and especially when you leave for the day.

"The wireless music box has no imaginable commercial value. Who would pay for a message sent to nobody in particular?"

--David Sarnoff's associates in response to his urgings for investment

Below is the list of all members who have qualified under the club standards of qualification. If your name is not on the list, check with the SEFSD flight instructors to confirm your qualifications or get checked out.

Tim Ardoin	Steve Belknap
Dick Cassity	Minton Cronkhite
Pete Day	Joe DeMarco
Tom DeShon	John Ellis
Don Haines	Fred Harris
Howard Harvey	Jack Hawks
Jack Hix	John Hood
Jeff Keesaman	Bill Knoll
John McKinney	Mike Morgan
Lee Norton	Steve Nue
Jack Roesch	Ralph Schierhold
Francis Smith	Ray Stelzner
Terry Thomann	Dudley Uphoff
Cliff Vaughn	Wayne Walker
Don Wemple	Mike Zimmer

The AMA National Model Aircraft Safety Code (page 135 of May 2000 issue of MODEL AVAITION) are the safety standards that SEFSD use for qualification and are those applied by AMA insurance.

SEFSD flight instructors are listed on page 6

A friend of a friend, who is an airline copilot, told the following stories about a captain with whom he often flew. This guy was an excellent pilot, but not real good at making passengers feel at ease.

For example, one time the airplane in front of him blew a tire on landing, scattering chunks of rubber all over the runway. He was asked to hold while the trucks came out and cleaned up. His announcement:

Ladies and gentlemen, I'm afraid there will be a short delay before our arrival. They've closed the airport while they clean up what's left of the last airplane that landed there.

Then there was the time they were flying through turbulence. Some of the passengers became alarmed at how much the wings were bending in the rough air and one of the flight attendants relayed that message to the captain. His announcement:

Ladies and gentlemen, I've been informed that some of you have noticed our wings bending in the turbulence. In fact, the flight attendant told me that the wing tips are bending as much as ten feet in the bumps. Well, that's perfectly normal; there's nothing to worry about. Our wings are designed to bend as much as thirteen feet at the tips and, as you can see, we're nowhere near that yet.

SEFSD Instructors

Give these folks a call if you need the talents of a flight instructor. They are just itching to help!

Bruce Cronkhite
619-278-6643
Bob Davis
619- 277-8043
Bill Knoll
760-966-6884
Steve Belknap
858-693-3739
Steve Neu
619-284-0816
Pete Day
619-274-3016
Ron Stark
454-4900



This Boeing 727 was without any weight in the front (seats, galleys or fuel). Then, the engines weight pushed the tail to the ground. May 1982.

SEFSD VIDEO LIST

See Fred Harris
Librarian
One month free borrow.

A Celebration of Eagles (AMA)
Float Flying (John Sullivan)
Airborne R/C Video (Fred Harris)
Gas to Electric Conversion
Airplane (Joe Wurts)
Getting Started in Electric
Flight
Air Force Top Gun
1994 KRC Electric Fly
A-10 Warthog
1996 KRC Electric Fly
Basic Construction for Beginners
Lets get Serious About Electric
Flight
Basic Flight Training for begin-
ners
Monokote
Byron Originals Show Season 1985
Monokote-II
Cutting Foam Cores
1996 NATS-Video Highlights
Desert Storm-Tornado
Polyspan Covering Instructions
Double Eagle
Power for Performance
Electric Flight
R/C Flying
Electric Flight & Schneider Cup
The Schneider Sport Electric
Electrifying the Fantasy
T-Birde (Thunderbirds)
F-16 Falcon

Of course, we all know that a good landing is one that you can walk away from.

But do you know what a great landing is?

That is one where you can use the plane again.

A New Club LMR Glider Event
by
Don Wemple & Pete Day

Join us for this new monthly fun event! No trophies, ribbons or other prizes, but lots of fun and a chance to hone your flying skills without a big outlay of money -- we call it: San Diego Electroglide.

Here are the simple rules and regulations (subject to change as we get more experience):

Motor: Speed 400, 6 volt, geared or not
Battery: 7 cells, your choice
Model: your choice

Scoring: All contestants launch simultaneously. All motors stop simultaneously (both at the CD's command) (Initially we'll try a 25 second motor run). 6 points per minute will be scored (1 point/10 seconds) to a maximum of 30 minutes counted from the launch to the time the model stops on the runway.

You must land back within the boundaries of the field within 35 minutes from the launch without further motor run to earn any points. The middle of the field will be marked with two lines that are perpendicular to the runway, 30 feet apart, extending across the runway. A 30 point bonus will be awarded if the nose of the model stops between these two lines. All timing and calculation of points will be on the honor system.

Hopefully this routine can be run at least two times in the morning hours, the points being cumulative.

This event will be held once a month, on the Saturday morning following the Wednesday, monthly SEFSD meeting. If for some reason, eg. rain, excessive wind, etc., it cannot be held the stated day, it will be postponed to the following Saturday.

As we said, no prizes, but the scores will be posted in Peak Charge each month. Put something together and join us for the first ever San Diego Electroglide on April 22nd!

The photographer for a national magazine was assigned to get photos of a great forest fire. Smoke at the scene was too thick to get any good shots, so he frantically called his home office to hire a plane.

"It will be waiting for you at the airport!" he was assured by his editor.

As soon as he got to the small, rural airport, sure enough, a plane was warming up near the runway. He jumped in with his equipment and yelled, "Let's go! Let's go!" The pilot swung the plane into the wind and soon they were in the air. "Fly over the north side of the fire," said the photographer, "and make three or four low level passes." "Why?" asked the pilot. "Because I'm going to take pictures! I'm a photographer, and photographers take pictures!" said the photographer with great exasperation.

After a long pause the pilot said, "You mean you're not the instructor?"

Membership Application

NAME: Last _____ First _____ Middle Initial _____

ADDRESS: _____

CITY _____ STATE _____ ZIP _____

PHONE: (H) _____ (W) _____

FAX: _____ E-MAIL _____

AMA NUMBER: _____ Dues Paid _____

Date of birth _____ Date _____

Note: AMA Membership **Required**

Flying membership \$25, Newsletter Only membership \$15. Join after July \$10. Bring to club meeting or mail with copy of AMA card and check to: Mr. M. W. Neale, 17140, Tam O'Shanter Drive, POWAY, CA 92064.

SEFSD c/o Charlie White
4420 Ladera Street
San Diego CA 92107