

PEAK CHARGE

Dedicated to the promotion of electric propulsion in
all types of aeromodeling

SEFSD Newsletter

February 2000

Volume X Issue II

Calendar February 2000

11-13 MidWinterElectrics
16 SEFSD Meeting

March
15 SEFSD Meeting

February Meeting

Agenda

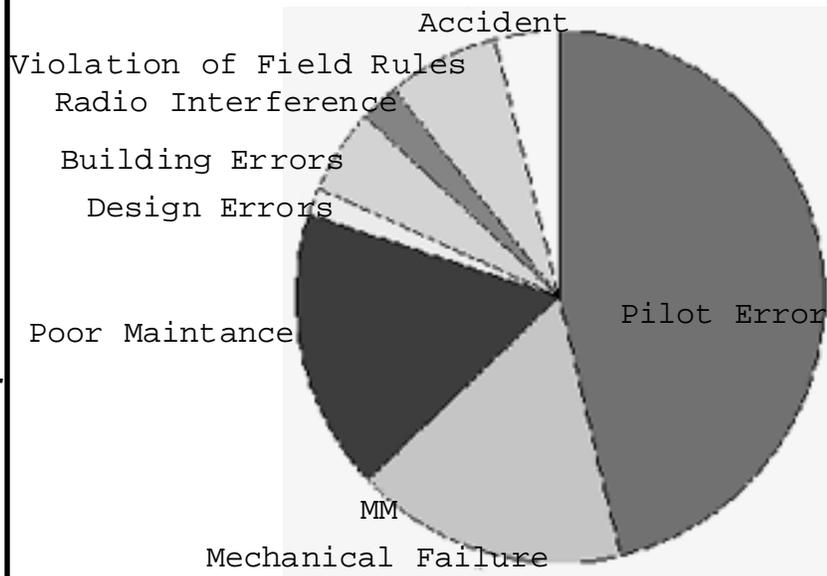
Some old business
and
Some new business

Demonstration

Lynn Heffern will demon-
strate covering foam with
low temp covering using a
vacuum bag.

Raffle Prizes

Tequilla Sunrise ARF
Masterscrew Flight Pack
Berg 6CH Receiver
IC-550 (35A) ESC
Sealing Trim Tool
Robbe 400 Gear/Motor
Sermos Connectors
Hobby Knife Set



Why do model airplanes crash? Take a look at this pie chart created by Bosse Gardstad. This should remind us that we have to practice safety in RC flying. Crashes are great fun, but people can get hurt, please take note of how dangerous a crash can be.

The above pie chart copied from a web site <http://www.duke.edu/~t1m7/rc/crashes.html>. This site discusses r/c aircraft crashes. There are stories of r/c crashes and some unbelievable pictures of crashes in various states of happening.

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 Everitt
(760)753-1055 Bill.Everitt@compuser.v.com

Secretary Cliff Vaughn
449-6941

Treasurer Mike Neale
674-1378 mneale@energyne.com

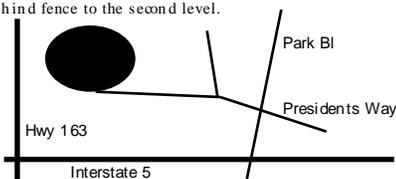
Co-editors Charlie White
223-8903
charlie.white@home.com

277-8034 **Bob Davis**
Safety Steve Neu
284-0816 SNEU@aol.com

Monthly Meeting

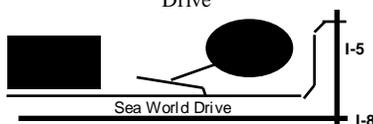
Held third Wed. of each month
(no Dec. meeting), 7:00 PM at the
San Diego Aerospace Museum.

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
Drive



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.

It is Mission Bay Park that requested members of SEFSD use the gated access to our flying site. The gate(s) were initially built to control vehicles that would use this open area for "off road" activities, i.e. wheelies. This in turn created erosion problems, silting of the bay. These gates were installed well before the current mulch was spread about. Needless to say, the mulch has very effectively controlled any "off road" activities, but the gate(s) are still there.

If you would like a key to the gate lock, contact Bruce Cronkhite who has an ample supply of keys just for the asking. You can find Bruce just about any Wednesday, Saturday, or Sunday morning at the field. Bruce is also listed in PEAK CHARGE as one of the club flight instructor. SEFSD provides the keys to members that wish access, at their confidence, to the field.

It should be noted that if you are tempted to drive over the curb and you get caught, the fine can be rather painful.



Take a look at <http://www.netaxs.com/~mhmyers/rc.tn.html>.
This thing re

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.)

These are no letters from members. This must mean that everyone is happy with the way things are going.

Letters of positive criticism are welcome.

It is always nice to know when someone has done something right.

SEFSD Instructors

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

Bruce Cronkhite (619) 278-6643

Bob Davis (858) 277-8034

Bill Knoll (760) 966-6884

Steve Belknap (858) 693-3739

Steve Neu (619) 284-0816

Pete Day (619) 274-3016



January Meeting Minutes

The January meet had a great turnout (don't ask how many, I forgot to count), but several new visitors and members were there (Bill Thomas, John Ellis, Bill Wallrod, Paul Morris and Dave Cody).

Don Wimple reported on the progress of the MWE 2000 and Ron Scharck updated the club on the EWC 2000.

Wayne Walker presented the award for the most improved flyer of the year to Jeff Kessaman. Awards for the volunteer of the millennium went to Don Wimple and Bruce Cronkhite. Steve Belknap took home the editor of the millennium for his work on the club newsletter.

The main program of the night was Steve Neu's piccolo, a 9 oz helicopter. Steve treated the group to some fine indoor flying with this little machine.

The raffle featured a Razor fling wing won by Herrmond Carrilo, a Voyager powered sailplane won by Jerry Simen, Berg receiver won by Jack Hicks, other great prizes were a Schulze speed controller, postal scale, sermos connectors, and a modeling knife.

To finish out the evening Steve Belknap showed his video of an indoor freeflight modeling club. Ya Should've been there!

A HINT OR TWO - Lee Norton has collected for about a decade the Hints and Kinks articles from various models magazines that he found useful. It is from this archive that will be drawn, from time to time, good ideas that we all can use.

Got rusty landing gear? After awhile the piano wire will rust and if you have painted it, the paint chips off. Solution and a good idea; cover the wire with shrink wrap. How about

Inside the Electric World Championships 2000
Ron Scharck

By the time you read this, the Midwinter Electrics 2000 will be posted in the SEFSD records as the most successful electric event to ever occur in San Diego. And rightfully so! Under the guidance and direction of Don Wemple and the time, energy and tireless effort of a whole host of SEFSD members, the Midwinter Electrics is recognized as one of the premiere electric powered model aircraft events in the country. And only a few years ago, I can remember being at a club meeting where the name was voted into existence.

The SEFSD has established itself as one of the leader clubs in electric flight. This was confirmed when the Federation Aeronautique Internationale (FAI) and AMA approved our club as the host club for the Electric World Championships for the year 2000. For only the second time in electric flight history, the World Championships for F5B (sailplane) and F5D (Pylon Racing) electric powered model aircraft will be held here in the United States. The Silent Electric Flyers of San Diego and the Academy of Model Aeronautics, will co-host the 2000 World Championships competition August 6-12, on Fiesta Island in Mission Bay Park, San Diego, California.

In conjunction with the World Championship events, the International Electric Flight Festival (IEFF) will be held August 3-6. The IEFF is open to pilots of all skill levels and since the F5B and F5D teams use this event as a "warm-up" for the World Championships, electric modelers of all skill levels have the opportunity to compete against the best pilots in the world.

Seeing this as a unique opportunity to promote electric flight here in the US, we decided to expand the IEFF to include as many opportunities as possible for those individuals who love to fly electric powered aircraft. Normally, the IEFF consists of four events - F5B, F5B600 (10 cell), F5D and a unique event known as "Sunrise to Sunset."

We have expanded the IEFF from a day and a half event into a full four-day celebration of electric flight. In addition to the events named above, the San Diego version of the IEFF will include two additional FAI events, F5A (Aerobatics) and F5C (Helicopters), and one they haven't thought of yet...F5B-7Cell. Since most of the US pilots fly something other than FAI events we de-

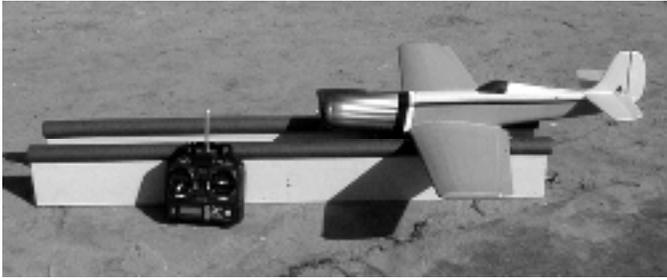
cided to add an American flavor to the IEFF by adding the following AMA events: Class A Old Timer (617); Class A Sailplane (609); Class B Sailplane (611); and Fun Scale (520) for electric. In addition to these, we incorporated a couple of NEAC events: Speed 400 Pylon and Sport Sailplane. To further enhance the opportunity for as many pilots as possible to enjoy these expanded events, we have scheduled them for the weekend of August 5 and 6, with the exception of F5B 7 Cell which will be flown with the other F5B events.

We are very appreciative for the generous support of our major sponsors, Sanyo Energy, USA, the National Electric Aircraft Council (NEAC), Aveox, Inc., Hitec/RCD, ShredAir, R/C Direct and Sailplane and Electric Modeler Magazine.

A special thanks goes to NEAC for a couple of reasons. NEAC is the Special Interest Group that runs the AMA Electric Nats each year. Due to a scheduling problem that could not be modified, the IEFF and the Electric Nats have conflicting dates. When I advised Ralph Weaver, NEAC President, of this, he was extremely understanding and cooperative. Thanks to his efforts, we are able to hold the same type events at the IEFF as AMA and NEAC is holding at the Nats. In addition, NEAC Past President, Doug Ward learned of the sponsorship program and made a personal commitment to raise \$2,500 from NEAC members for a Platinum Sponsorship. His first \$1,000 came from the NEAC treasury. The remaining \$1,500 came from 45 individual NEAC members all across the US in donations ranging from \$10 to \$100. This is truly and organization that is dedicated to the advancement of electric flight. If you are not already a member, you should give serious consideration to supporting NEAC. It is the organization that represents electric flyers in matters pertaining to the AMA.

For complete information on these two events I direct your attention to the Silent Electric Flyers of San Diego web site (www.sefsd.org) which is your one stop web site for the World Championships and the IEFF. Please bear with us as we are continually updating and upgrading the site with the most current information in order to make your involvement in this world class "happening" as much fun as possible.

If I can be of any assistance, please let me know. You may reach me by phone at 619-491-0787 or e-mail me at Scharck@aol.com.



This is Tom Brown's variation on a Hi-Start. Tom build this launch/ catapult that uses surgical tubing for the launch power. A tow hook place between the leading edge and the motor mount will launch a plane out about 20 feet or so and up 10 to 15 feet. The release is foot operated with a safety pin to prevent those unintentional launches. Can arresting wires be far behind?

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.

Steve Belknap	Steve Nue
Jack Hix	Jack Roesch
Minton Cronk hite	Ralph Schierhold
Joe DeMarco	Francis Smith
Don Haines	Ray Stelzner
Fred Harris	Terry Thoman
Howard Harvey	Cliff Vaughn
Jeff Keasaman	Wayne Walker
Bill Knoll	Don Wimple
John McKinney	Dudley Uphoff

SEFSD flight instructors are listed on page 3

SEFSD VIDEO LIST

**See Fred Harris, the 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 beginners
 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
 Vacuum Bagging
 Wring it Out
 Wring it Out-II

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

**Ron White's BD 5 with Turbo 450
and 8 1250 ma batteries**

Charlie's Webb

In case you missed the bit last month about the r/c modeling ring - on the www (world wide web) - - The R/C WebRing (www.modelflight.com/rccring.html) is a collection of model airplane web site that have linked together into a loop that is called a "ring".

When you log on to this web site, there will be, at the bottom of the page, four choices offered. Of these 4, only two will suit your need. One of the choices is to search through the ring at random. This is fine except you will be wandering rather aimlessly about the ring. This best choice is to click on the list of all sites on the ring.

You will then be presented with a list of all the ring site and a brief

description of each site. There are 20 site per screen/ page and there are currently 343 sites in total or just a little over 17 pages.

There is a wide variety of sites from individuals to business interest to well developed model airplane club sites. As your scroll through the various site listings, just click on a site that might interest you and the ring will take you to that site.

If you can read German, you can click on Modellfliegerclub Ostrachtal e. V. or Modellfluggrupped Selzback Rosenberg e.V. in Bavaria. If you are into scale, there are a multitude of sites but try Scale Aircraft Resources HomePage. For the out-of-towners, there is the Alan Sutura Aeromodleing

Club in Jakarta, Indonesia or Radio Control Model Airplane Club of Malta.

For us electric folks, you can try e.rc.com which is a manufacture of a P-38 kit. There is the Sarasota Silent Flyers web site, R/C Electric Powered Interactive, DEAF which is the Dallas Electric Aircraft Flyers that has a free downloadable electric plane calculator called CALPLANE. If your interested in old timers, the SAM stuff, try SOAR Electric fliers. And then there is EMFSO that fly electric in southern Ontario, Canada.

This is not an exhaustive listing of the electric site on the R/C Ring. Just a few to perk you curiosity to take a look.

It is interesting to note, you will not find SEFSD on the ring.



Need an inexpensive motor mount for your Speed 400?

Here is an inexpensive alternative. Don Roschefski found this curtain rod holder while wandering about HOME DEPOT. Now this is a real bargain at a cost of about a half a buck.

Twin Star from Multiplex web site

Membership Application

NAME: Last _____ First _____ Middle Initial _____

ADDRESS: _____

CITY _____ STATE _____ ZIP _____

PHONE: (H) _____ (W) _____

FAX: _____ E-MAIL _____

AMA NUMBER: _____ Dues Paid _____

Note: AMA Membership **Required** Date _____

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