

PEAK CHARGE

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

SEFSD Newsletter

July 2000

Volume X Issue VII

CALENDAR

JULY 2000

July 19 meeting

August 2000

Aug 2 - Aug 13
IEFF and EWC 2000

August 17 meeting

JULY Meeting

Agenda

Some old business
and
Some new business

Raffle Prizes

Sure Flite 50" Spitfire
kit

You are needed, you are loved, you are wanted!

Yes, now is the time to come the aid of our club, the Silent Electric Flyers of San Diego, and help with putting on the Best Electric World Championships EVER!

For 13 days in August the SEFSD will host the world's best electric flyers right here in Mission Bay. To make the event work SEFSD needs a great many volunteers to help carry out each of the events. There are 28 different activities ranging from a "go-for" on registration day, to limbo judge for F5B, a bar tender at the Beach party and BBQ, to scoring for the F5B and F5D, or Speed 400 races. Look on the SEFSD web site for specific details of days and events.

Best of all, just tell us what days you can volunteer and for how long (hours, that is) and unless you have a desire for a specific task or day, we will "get back to you".

Oft times, after working for awhile volunteers begin to feel that no one really appreciates their efforts and sacrifices. With this though in mind, the following incentives are being offered as appreciation for the work that is involved.

SEFSD offers:

The volunteer assignments are usually for a 4 hour time block, 8 - 12 AM or 1 - 5 PM on any given day. All the offers are cumulative, i.e. at each you receive the additional bonus in addition to the prior goody! If you work six four hour time blocks that will give you credit for one year of dues for SEFSD. Now, if you work six time blocks for IEFF, and six time blocks for the EWC, that will be two full years dues paid up! --What a Deal!--

And if this is not enough - -

10 time blocks - Beach Party BBQ & Museum Reception for Free (Normally \$20)

15 time blocks - Free ticket to Victory Party & Banquet (\$40)

18 time blocks - Prize table with kits & motor

All days of IEFF - Special "CREW" IEFF Tee Shirt

All days of EWC - Special "CREW" EWC Tee Shirt & Hat with Logo

All 11 days IEFF & EWC - 100% Cotton Premium Polo shirt with EWC Logos - continued on page 7

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

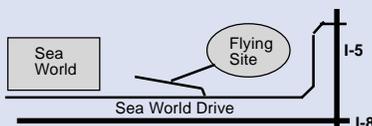
Monthly Meeting

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

See page 7 for directions to
the Aerospace Museum

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 subscrip-
tion only. \$10 for under 18 or ad-
ditional 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

Fiesta Island Landing Strip Work Party

The schedule for the work party to start the improvements at Fiesta Island for the World Championships site is finally settled. By the time you get this Newsletter, we'll have gone out on There, the 13th and prepared the area for the DG and dropped it and spread it. Chuck Grim is planning on getting us to compact & set the marks after the July meeting. More news then.

Flying over the pits, in the pits, and through the pits!

We've had some more instances of it very recently. As a result Steve Neu, Bruce Cronkhite, and I have had to issue some very strong warnings. Remember that our flying is a privilege, not a right! We as a Club jeopardize this privilege anytime there's a mishap. You must always keep positive control of your aircraft, and turn away when it becomes apparent you may fly into or over people and/or the pits or cars. Please use the middle of the runway for all takeoffs and landings!

World Championships Volunteer sign-ups

We've had a great response from our sister clubs in providing volunteer workers for the Worlds and Flight Festival. They've actually outnumbered us in total volunteers so far! Please take another look at the rewards to individuals and see if there's another time or event you can work for. Remember that the rewards to the Club are future field improvements, sunshades, and other amenities that we wouldn't have to put out big bucks for in the future.

Charlie White, our Newsletter Editor, has included a full list of benefits for signing up for the World Championships, from free membership to shirts & hats, to kits & motors! Come One Come All!

Added benefits for Volunteers!

All volunteers will be able to bid for the excess equipment after the Worlds are over, Sunday the 13th of August. Items currently know to be available are, 10' X 10' Pop Up Sun Shades, start at \$100/ea, purchased

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Fred Harris's IKARUS Model # (ECO 8). The motor is a AVEOX 1010 3Y on ten cells.

Digital image by Harold Reed with Olympus C2020

Helicopters can't fly; they're just so ugly the earth repel them.

There are three simple rules for making a smooth landing.

Unfortunately no one knows what they are.

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



June Meeting Minutes

By Cliff Vaughan

By Cliff Vaughan

The June meet had a turnout of 40 people, with five guest and one new member. The main focus of the June meeting was the up coming World 2000 and the need for more volunteers. A sign-up sheet was passed out for people interested in helping.

Don reminder the attendees of the LMG contest. on Sat the 24.

Don Madison made an announce about the San Diego County Association of Model clubs Static display on July 15 and the swap meet on July 22, 7am till 11am at the Inspiration parking lot in Balboa Park. Seller fee is \$5.00.

Show and tell had Bill knoll with his Smart plane and a slightly smaller version the "Not So Smart". Frank showed off his B-2 Camera plane (a highly modified gently lady), along with aerial pictures of the flying field. I showed my new speed 400 motor glider made from a hand launch Gnome kit.

Demonstrations for the night had Bill Knoll showing how to use sanding sealer and silk span for covering your planes, while Jack Hicks gave a talk on cresting scale details for your models.

Tool time was provided by Mike with an assortment of tools including a small 3 jaw chuck that fits the Dremal tool. Using indoor/outdoor carpet for burnishing props and etc. and how he makes strong joints using light weight cloth and epoxy.

The raffle was great, with great prizes and from what I could see lots of tickets sold. Ya Should've been there!

FOR SALE - Aveox 1114 with L130 ESC \$190

Astro geared 15 \$85

Multiplex 600 BB motor \$30

call:

Joe Heffern at 442- 5504 or pager 595-8377.

Voice mail on pager

address:

2053 Teton Pass Street. El Cajon 92019

The people of save Mile square park are trying to get people who have used the park to sign up as users at "<http://www.IUsedMileSquare.com/>".

Having more users gives them more credibility and power in political circles. Please sign up if you have ever gone to or flown at Mile Square Park.

San Diego Electroglide

Here are the first five placers in the June 24th competition:

Phil Berhardt flying his Graupner ElektroStar-400	225 points
Bill Knoll flying his Sunbird	216 points
Chris Karcher flying his Universal E	140 points
Don Wemple flying his modified Flick	133 points
Bill Thomas flying his Carbon D-Light	119 points

We had 10 entrants in the June Electroglide! A bigger turnout each month! I think the increase shows that we have got a winning combination! How else can you have mre fun flying electrics than in this simple, inexpensive format! Remember...there are only two rules: you must use a 6v. Speed 400 motor, and fly with a maximum of 7 cells -- any model, geared motor or not. We all toss at the same time and shut off the flow of electrons at the CD command. The scoring is 6 points per minute with a 30 point bonus for landing in the marked, 30 foot area in the center of the field. If you land off the field -- nopoints for that flight. This month, after the usual 3 launches, everyone was having such a good time that we voted to have a fourth launch. Bill Knoll voted against a fourth, and his vote proved prophetic when he came in 10 feet short of the 30 point bonus line! Phil Bernhardt made all four! Come out and join us for the July Electroglide, the 22nd -- the firsSaturday after the monthly SEFSD meeting. I guarantee you that you will improve in your flight skills and have a ball! (and let's all practice up on those landings!). Last month, at the editors request, I talked a bit about how one can get into the Electroglide fun in relatively inexpensive ways. And I promised that this month I would show how you could open your billfolds a bit wider and and still get in on the fun. Notice that I didn't say that you would have a superior model that would guarantee you a winning place among the other competecompetitors! Keep in mind that there are lots of variables in the Electroglide competition. Above all, pilot ability is the critical thing. But there's bound to be a lot of variation among the models selected for competition. For example: Do you want to fly a very light wing-loading, fast-climbing floater so as to maximize your flight time, or do you want to have a ship with a higher wing-loading that will allow you to get quickly from one area of lift to another without falling out of the sky? Perhaps you value flaperon control so that you can more accurately get the landing nailed to get that bonus 30 points? I guess that what I am getting at is that your ship selection is going to be a compromise involving price, performance, and personal preference. Ya pays yer money and ya takes yer cherce! Anyway, here are some of the bigger ticket items that will fit well into the format of the San Diego Electroglide:

Here is the one that won the June Electroglide for Phil Bernhardt -- the Graupner Elektro-Star 400 Glass fuselage, wings and tail ready to cover - \$155. Available from New Creations R/C, P. O. Box 496 Willis, Texas 77378

Carbon D-Light Electric Ready to Fly \$199 Available from ICARE Sailplanes, 381 Joseph-Huet, Boucherville, Qc, J4B 2C5, Canada

Accent - 400 glass fuselage, geodetic wing pre-covered. Ready to Fly \$249. Available from Sobox, 630 Evans Ave. #34 Toronto, Ontario M8W 2W6, Canada

Wizard E glass fuselage, glass wings with flaperons Very hi-tech, and not for the beginner! \$275 Available from DJ Aerotech, 719 Fisk Street, Piqua, Ohio 04356

Don Wemple and Pete Day

Editors note - - - There is an outfit loacted in Albuquerque New Mexico called K&A Models Unlimted that sell two Speed 400 kits for less than \$100. One is called the Voyager and the other is called the Odyssey. Go to their web site at kamodels.com or email at info@kamodles.com.

I am currently building the Odyssey that has a built up fuselage with form cut wings. With S&H it cost \$77. An excellent kit with excellent service from K&A.

K&A Models Unlimited, 2835 Prenda De Oro NW, Albuquerque, NM 87120 (505)836-3681 FAX (505)836-3798



**INTERNATIONAL
ELECTRIC FLIGHT FESTIVAL
AUGUST 3 – 6 2000
REGISTRATION FORM**

First Name: _____ **Last Name:** _____
Address: _____ **City** _____
State / Country: _____ **ZIP:** _____ **Phone:** _____
AMA #: _____ **Club:** _____ **Email:** _____

Entrants must select three choices of channel for each event entered. Please note only even channel numbers will be available for events on August 6 (F5A, F5C, Fun Scale and Speed 400 Pylon).

First event entered \$30, additional events \$15 each. F5C (demonstration) no fee. Special event rate for San Diego Model Club members is a flat fee of \$20. Other fees: Beach Party BBQ, August 3, \$25 per person; Banquet, August 12, \$40 per person; EWC2000 Hats - \$20 and EWC2000 T-shirts - \$15.

Event	Channel Choice	1st	2nd	3rd	Fee
Sunrise to Sunset - August 3		_____	_____	_____	_____
F5B - August 3 & 4		_____	_____	_____	_____
F5B 425gms - August 3 & 4		_____	_____	_____	_____
F5B 600gms - August 3 & 4		_____	_____	_____	_____
F5D - August 3 & 4		_____	_____	_____	_____
Sport Sailplane - August 5		_____	_____	_____	_____
Class A Sailplane - August 5		_____	_____	_____	_____
Class B Sailplane - August 5		_____	_____	_____	_____
Class A Old Timer - August 5		_____	_____	_____	_____
F5A - August 6	(even channel)	_____	_____	_____	_____
Speed 400 Pylon - August 6	(even channel)	_____	_____	_____	_____
Fun Scale - August 6	(even channel)	_____	_____	_____	_____
F5C - August 6	(even channel)	_____	_____	_____	XXXX
Beach Party BBQ – August 3 (\$25 x _____); Banquet – August 12 (\$40 x _____)					
Hat (\$20 x _____); T-Shirt (\$15 x M _____; L _____; XL _____; XXL _____)					

Check or money order to - Silent Electric Flyers of San Diego. Total \$ _____
Mail to: Mike Neale EWC2000, 17140 Tam O'Shanter Drive, Poway, CA, 92064, USA.

Signature: _____ **Date:** _____

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Below is the schedule for the IEFF and the EWC 2000. Look through and find event(s) you would be interested to serve as a volunteer - for the glory of SEFSD.

for \$250. Slightly used deep cycle RV batteries, \$20. 10 Amp battery chargers, \$15??. If you need a new battery and/or charger check this out; they will be the ones used for a maximum of 10 days by the International Teams and can not be returned or transported back with them. The Sunshades are the best quality available and will have been used only 10 days also! Come out the field & we'll sell them off on the Sunday after the Worlds while we're having a general Fun-Fly.

Restricted use of the South Shores Field during the World Championships

Please remember that our field will be closed to all flying during the Worlds, Aug. 3-13, due to possible radio frequency conflicts. The Frequency board will be covered up and no flying will be allowed.

Wayne

Schedule of Events:	
Date	Location
Wednesday August 2	
8 a.m. Arrival and Registration	Agency Plaza Hotel Plaza Room
8 p.m. International Electric Flight Festival Pilots Briefing	Agency Plaza Hotel Pacific Room
International Electric Flight Festival 2000 August 3 - 6 (Non-World Championship Event in which all competitors are invited to attend)	
Thursday, August 3	
8 a.m. Sunrise to Sunset Contest	TPG Field, Poway, CA
8 a.m. PSD; F5B; F5B 600 & F5B 7 Cell	Fiesta Island, Mission Bay
7 p.m. Beach Party and BBQ	The Cove, Mission Bay
8 p.m. Sunrise to Sunset Awards	The Cove, Mission Bay
Friday, August 4	
8 a.m. PSD; F5B; F5B 600 & F5B 7 Cell	Fiesta Island, Mission Bay
Saturday, August 5	
8 a.m. Class A Old Timer; Class A and B Sailplane and Sport Sailplane	Fiesta Island, Mission Bay
Sunday, August 6	
8 a.m. Fur Scale (Electric); F5A; Speed 400 Pylon Racing and P3C Demonstration Event	Fiesta Island, Mission Bay
2000 F5B / F5D World Championships August 6 - 12	
Sunday, August 6	
8 a.m. F5B Processing	Agency Plaza Hotel Continental & Pacific Rooms
8 a.m. Official PSD Practice	Fiesta Island, Mission Bay
8 p.m. Aerospace Museum Tour/Reception	Galbra Park
Monday, August 7	
Official Tour Day	Lightening of San Diego
8 a.m. F5B Processing	Agency Plaza Hotel Continental & Pacific Rooms
8 a.m. Official F5B Practice	Fiesta Island, Mission Bay
8 p.m. Briefing for F5B/F5D Team Managers	Fiesta Island, Mission Bay
Tuesday, August 8	
8 a.m. Opening Ceremony	Fiesta Island, Mission Bay
8 a.m. F5B / F5D World Championships	Fiesta Island, Mission Bay
Wednesday, August 9	
8 a.m. F5B / F5D World Championships	Fiesta Island, Mission Bay
Thursday, August 10	
8 a.m. F5B / F5D World Championships	Fiesta Island, Mission Bay
7 p.m. FAI FS Subcommittee Meeting	Agency Plaza Hotel Plaza Room
Friday, August 11	
8 a.m. F5B / F5D World Championships	Fiesta Island, Mission Bay
Saturday, August 12	
8 a.m. F5B / F5D World Championships Final Round and Run Niche Up Day if Needed	Fiesta Island, Mission Bay
5 p.m. Closing Ceremony	Fiesta Island, Mission Bay
7 p.m. Banquet	Agency Plaza Hotel Ballroom
Sunday, August 13	
8 p.m. Model Air Show Contestants Departure	Fiesta Island, Mission Bay

A party you won't want to miss!
August 2-13, 2000

International Electric Flight Festival 2000 — August 3 - 6
Non-World Championship Event all competitors are invited!

2000 F5B / F5D World Championships — August 6 - 12

Thursday, August 3: Sunrise to Sunset Contest, 7:00, 7:30, 8:00 & 7:00 (Sat. Beach Party and BBQ, Sunrise to Sunset Award)

Friday, August 4: PSD, F5B, F5B 600 & F5B 7 Cell

Saturday, August 5: Class A Old Timer, Class A and B Sailplane, Sport Sailplane

Sunday, August 6: Fur Scale (Electric), F5A, Speed 400 Pylon Racing and P3C Demonstration

Also featured: Electric Aircraft Modeler, President
Electric Flight World, School Electric Pilots of San Diego
Championships 2000, 9719, 204-8110
E-mail: info@ieff2000.com E-mail: wayne.walker@sefss.com

For complete details, accommodations, activities and maps please visit our website at: <http://www.ieff2000.org>

Monday, August 7: PSD Processing, Official F5B Practice, Official Tour Day
Lightening of San Diego, Opening Ceremony, Dinner Meeting for F5B/F5D Team Managers

Tuesday, August 8: F5B / F5D World Championships

Wednesday, August 9: F5B / F5D World Championships

Thursday, August 10: F5B / F5D World Championships, FAI FS Subcommittee Meeting

Friday, August 11: F5B / F5D World Championships, Final Round, Dining Ceremony, Banquet

Sunday, August 13: Model Air Show, Contestants Departure

<http://www.ieff2000.org>

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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

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 181 of AUGUST 2000 issue of MODEL AVIATION) are the safety standards that SEFSD use for qualification and are those applied by AMA insurance

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 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

Directions to the AeroSpace Museum

From Interstate 5 South: Take the 10th St. exit; turn left on A St.; turn left on 12th St. (which becomes Park Blvd.); turn left at President's Way (you are now in Balboa Park); when you come to the stop sign, the museum will be to your left with parking right in front.

From Interstate 5 North: Take the B St. Pershing exit; stay on B St; turn right on 12th (which becomes Park Blvd.); turn left at President's Way (you are now in Balboa Park); when you come to the stop sign, the museum will be to your left with parking right in front.

From Interstate 8 (either direction): Take 163 South exit; take the 4th Ave./Park Blvd. exit; turn left onto President's Way (you are now in Balboa Park); when you come to the stop sign, the museum will be to your left with parking right in front.

From State Highway 163 South: Take 4th Ave./Park Blvd exit; turn left onto President's Way (you are now in Balboa Park); when you come to the stop sign, the museum will be to your left with parking right in front.

From Interstate 805: Get on I-8, I-5 or ST HWY163 and follow directions above.

From State Highway 94 West: Take the highway into downtown San Diego; turn right onto 12th St (which becomes Park Blvd.); turn left at President's Way (you are now in Balboa Park); when you come to the stop sign, the museum will be to your left with parking right in front.

From Harbor Drive (either direction): Turn east onto Laurel St.; follow it through downtown and over the Laurel St. bridge into Balboa Park; turn right and follow the road to the end of the Park until you reach the museum.

When you have finally found the museum, park on the south-east side of the museum building. There you will find a fenced set of stairs. Enter through the gate, up to the stairs to the second level, enter through the opened door, first room on the left.

- - - from front page

There it is, what more could you want? Here's recognition of the extremely valuable effort you've given to help with putting on a World Championship that no one will ever forget! Here's some lasting souvenirs of the only World Championships ever staged in San Diego! And a great chance to meet & talk with the some of the best pilots in the world today at two separate social events that promise to be entertaining, unforgettable, and loads of fun.

What's next? How do you get in on this once in a lifetime event? Why just call Charlie White at 619-223-8903 or E-Mail him at charliewhite@home.com or phone Wayne Walker at 284-6119 or email wayne.walker@daou.com and tell him what block of days or times you want to join us, or see him at the Field or this month's meeting the 19th.

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