

PEAK CHARGE

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

SEFSD Newsletter

June 1997

Volume VII Issue 6

Calendar

June

- 18 SEFSD Meeting
- 21 Class A Glider Contest

July

- 4 BBQ & Night Fly
- 6 Pylon Races
- 16 SEFSD Meeting
- 26 County Swap Meet

August

- 7 Pylon Races
- 20 SEFSD Meeting
- 23,24 F5B Team Selection

June Meeting

Agenda

- Field Rules
- Meeting Place

Show & Tell

Your New Plane ...

Entertainment

San Diego Electric Car Conversions

Raffle Prizes

- Aveox Controller
- Robbe Planeta 400
- 7 1400mAh Cells

PYLON MADNESS!

By Steve Neu



Sunday June 1st dawned clear and calm—I got up early to get down to the field to set get things ready for the Speed 400 and Open pylon races. When I got to the field at 8:30 I found I had the whole place to myself, by 9:00 a few of the regulars showed up, by 10:00 still more wandered by and by 11:00 all were there. Seems that racers must not get to bed early enough—or they get to bed too early in the morning. For the July race we will try to get going by 10am just to see if it can be done.

Now for the fun part! We had a good turnout for the day—8 racers in all; 5 for Speed 400 and 3 for the Open Class. The Speed 400 racers in-

Cont'd on Page 4

Silent Electric Flyers of San Diego
Club Information

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

1997 Officers:

- | | |
|-----------------------|----------------------|
| President | Wayne Walker |
| 284-6119 | Apollowayn@aol.com |
| Vice President | Jim Baron |
| 278-8099 | jbaron1016@aol.com |
| Secretary | Bob Davenport |
| 222-4075 | bobdport@adnc.com |
| Treasurer | Chuck Grim |
| 274-7322 | Rcelectfly@aol.com |
| Editor | Steve Belknap |
| 693-3739 | Let1Fly@aol.com |
| Safety | Steve Neu |
| 284-0816 | SNEU@aol.com |

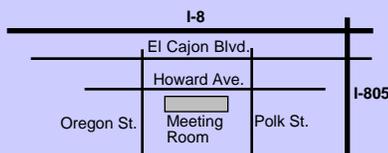
SEFSD Mentors

These individuals want to help you (current or potential members) with your electric-flying questions:

- | | |
|---------------|----------------|
| Steve Belknap | 693-3739 |
| Wayne Walker | 284-6119 |
| Jim Baron | 278-8099 |
| Harold Reed | 273-6023 |
| Fred Harris | 223-3043 |
| Phil Moore | (909) 696-1975 |

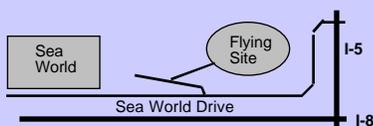
Monthly Meeting

Held on the third Wednesday of each month (no meeting in December) at 7:00 PM. Meeting room is at the North Park Shuffleboard Club, 2719 Howard Ave., San Diego, CA 92104.



Flying Site

Located one half mile East of Sea World on Sea World Drive.



Membership or Subscription:

Twenty dollars per year for membership. Fifteen for subscription only. Ten for under 18 or additional family member. Contact Chuck Grim, 1319 Reed Ave., San Diego, CA 92109, (619) 274-7322.

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 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

Just a short column this month because I was off in the Nevada Desert flying full scale cross country sailplanes and am still on kind of a vacation frame of mind.

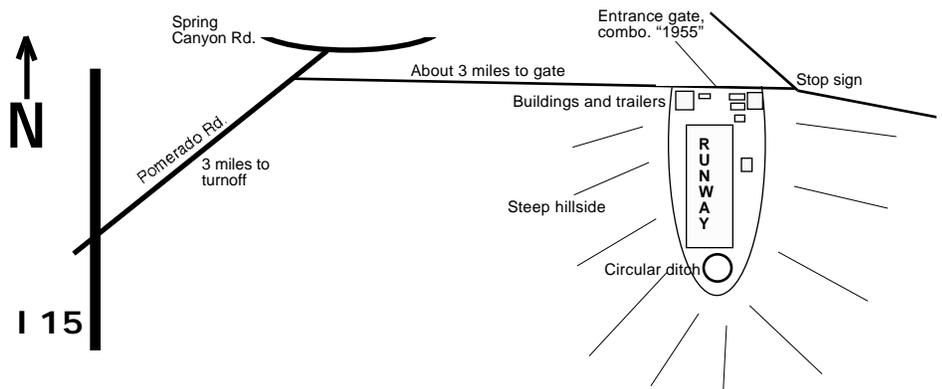
Up coming evens are the, "Be There, or Be Square", 4th of July Fun Fly / BBQ / Night Fly? / Fireworks / Good Old Time Event, and the Stadium Swap Meet to be held at our Mission Bay Flying Site on **Sat. July 26, NO ENTRY BEFORE 6:30AM!**

I would also like to apologize to anyone that has been upset or offended by Mr. Martin Euridjian of A/I Robotics, maker of the FX 35D Electronic Speed Controller. His decision to attack certain members of this club and the SEFSD in general for their opinions is not in my mind civilized behavior.

Have Fun, and Fly Safely!

Wayne Walker
 President, SEFSD

SEFSD Auxiliary Site



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.)

Monocoup 110 Plans

I recently read in the April issue of Peak Charge of the new San Diego Scale competition to be held in October (Bruce Cronkhite author). One of the scale rules is a 50" max. wingspan.

I have recently completed plans for a Scale Monocoupe 110 Special with a 49" wingspan (roughly 1/6 scale) based on Hirsch 3 views. These detailed plans show the color details for Johnny Livingstons racer from the 1930's. This plane is for an Astro geared 15 cobalt and 12 cells at approx. 70 oz. Complete with radial cowl, wheel pants, struts and rigging.

If anyone in the San Diego area is interested in obtaining a copy of these plans, they are available by sending \$15 USD (money order, shipping included) to:

Monocoupe
 Carlo Ciarniello
 C-35 Centennial Drive
 RR #1 Powell River, B.C.
 V8A-4Z2
 C.Ciarniello@mbltd.com

This is the first in a series of 15G powered scale models that I am working on.

Many Thanks,
 Carlo



Bob Davenport

April Meeting Minutes

Twenty eight members were on-hand tonight in the meeting room which filled the room comfortably. Once again, however, a noisy crowd next door reminded us that better locations for meetings must be available somewhere. It was asked that all members investigate and report any meeting sites that would be suitable. No particular day of the week or time of the month was specified, but it was agreed that a vote of members would determine what is suitable before any changes in schedule or location.

Summer training sessions were discussed. These are held on Thursday evenings at about 5:00pm. Experienced hands will be at our field to assist those who are in need of help. Training is more than a convenience, it is essential to avoid plane damage and to meet the requirements of our proposed club rules and the AMA which provides our insurance coverage.

Pat Conway asked for more participants for Class A soaring competition events. The next of these is scheduled for Saturday May 31. Rules are loose and can be modified to meet requirements of those who might wish to enter.

A complaint was voiced by our club librarian, Fred Harris, that videos are not being returned promptly.

A discussion on the draft modifications to official club rules was held. The need for such rules is apparent if only because of our liabilities and responsibilities under our permit to use the site by the city. Our authority to enforce binding rules is quite limited but our continued use of the site depends upon our housekeeping and lack of citizen complaints. Our best protection and defense would be to have a clearly stated declaration of flight rules that establishes what is safe, both for pilots and the general public. It was requested that all those members who have definite ideas or thoughts on any needed rules submit them in writing or even verbally for discussion at subsequent meetings. Specific possible rules considered were:

- a. No planes other than electric powered
- b. No flights to the south of the strip or near the road.
- c. Hi-start planes permitted only at off times and not during heavy use of the strip
- d. Frequency controls mandatory
- e. New pilots must have an experienced pilot in attendance always
- f. Number of planes in flight at one time limited

The old Stadium Swap Meet will be held this year at our flying site on July 26th. The field will be closed to flying on that date and volunteers may be requested to assist in traffic control. Our club will have a table of items to sell.

The club public address system is available for others to use at a modest \$10.00 fee. Chuck Grimm reported that the club's bank balance was now \$1879.39.

Mike Mayberry of HiTec addressed the group and described his company's equipment and the new items soon available.

Don Clark distributed to the members a list of those companies, who through their generous donations of prizes, products, and coupons, made the SPRING FLING a financial success. Your support for such companies is appreciated.

The show-and-tell segment gave us a look at Wayne Walker's new plane with 66" span, molded fuse, and Aveox with 10 cells. It is based upon an earlier F5B prototype. Also Wayne recommended the Robbe Charger which handles 30 cells at 5amps, and tells all for \$189. Fred Harris displayed his new ASTRO 020 brushless with controller (\$200).

The raffle's big winners tonight were Pat Conway- two Cirrus C-20 servos; Stan Silver-two hitec 60 servos; and Don Clark- an ACE AT-6 model kit.



Pylon Racing

cluded locals: George Joy and Steve Belknap, and the out-of-towners: Troy Peterson, Mike Lee and Robert Cavazos. Three rounds were flown with Troy and George having a good battle for 1st place. In the end Troy edged out George for 1st with Robert in 3rd. Our own Steve Belknap was forced into flying his "Robin" sport plane that has landing gear due to not having replaced the plane lost in the last races from a midair with Wayne "T-Bone" Walker.

The open class racers included Steve Brian Buass and myself. Brian was flying go-fast Aveox motor in its first race in his nearly new (1 original design Copy Cat. and I flew "Copy Cat" with the third round. Next minding its own business. As a result of this information, and the fact my fuselage (without wing) traveled a 100 feet further than Brian's fuselage, I won the round. (not really)

From Volume 47 of the SEFSD Library of Rules we find the definition of "Pylon Pole": Pylon Pole (pile'on poe'ul) n. 1. A visual symbol for an imaginary representation of a suggested virtual pylon.

Manganelli, his shinny new (and last?) month old "copy" of a Steve M. the "origi-year-old Copy



Where was Steve M. while this was going on you say? As a result of his installing a new Aveox motor in his 2 year old racer some problems showed up. It seems that if you make a racer go 25% faster the control surfaces need to be stiffer. This condition was first noticed by Larry Jolly when he installed zapped 2000 cells in his racer—It buzzed all the way around the course. This condition has come to be known as the "Larry Syndrome".

As a result of the June races Both Steves and Brian are building new planes for the July races. (July 6th) 

SEFSD MONTHLY ELECTRIC SOARING CONTEST

By Patrick Conway, Contest director

On may 31, we had our first contest and every one had a great time. I would like to thank Don Clark for assisting me with running the contest and also thank every one who entered the event. We started off with speed 400 gliders first, contest format was standard SEFSD one battery pack was allowed to complete 3-5 minute flights with no charging between flights. The results were:

<u>PLACE</u>	<u>NAME</u>	<u>MODEL</u>
1st	Patrick Conway	Climax "E"
2nd	Bruce Cronkhite	Climax "E"
3rd	Don Clark	Mini Star

This is the 3rd time that I have won a speed 400 glider event, it seems that the motor combination that I am using is the best for the event as we run it. My motor is a 7.2 v Graupner w/4:1 gear box with a 11-8 prop (Graupner) with a modified Robbe spinner/hub assembly. With this system I can get the 3-5 minute flights with plenty of battery left. Bruce and Don had problems with batteries running dead before they could complete all their flights I think that they were using 6v motors w/gear boxes. May be we need to allow charging between flights w/ LMR..... what do you think?

The 2nd event was Class "A" sailplane , the format was the same as "speed 400" except each flight max was 8 minutes. The results were:

1st	Don Clark	SISU "E"
2nd	Paul Babcock	Electra
3rd	Patrick Conway	Brovo

Again I would like to thank every one who entered our first monthly contest and challenge the rest of you to come out and have fun with us, we will help you if you need any.

I would also like to challenge our pylon racers (Steve, Steve and Wrong Way) to put together some speed 400 sailplanes together with all the left over parts they must have by now (my plane it went missing!) come on you guys, lets see what you got! 

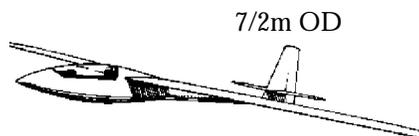
1997 Australian Postal Contest Results

(Taken from the Australian MAAA Web Page)

The results below are from the 1997 Electric Email competition. The total score is the sum of the best three scores. The motor run times are for motor run exceeding the free motor run (60 seconds for 7 cells, 45 seconds for 10 cells and 30 seconds for more cells) Details of the winning model: The plane that was used was an Astro Challenger. The wing was originally flown in St.Louis at the WC's in 88 (I think could have been 86). The fueselage is slightly longer than normal. I was running a 13/3 buggy motor on the graupner 3:1 gearbox. The cells were 1700 SCRC's boosted from Team Orion.

1997 Electric Email competition

Name	Country, State	Task	Round 1	Round 2	Round 3	Round 4	Total	Place	# cells/model
Alan Flockhart	Scotland	1	5.00	4.59	5.00	4.59	2820	1	6/Astro Challenger
		2	10.00	10.00	9.59	10.00			
		3	14.58	14.58	15.00	15.00			
		Motor	0.30	0.25	0.00	0.00			
		Spot	50	50	50	50			
		Score	918	922	949	949			
		Score	918	922	949	949			
Raymond Pike	Australia, Vic	1	5.01	5.00	4.57	5.01	2791	2	27/Surprise III
		2	10.03	9.59	9.59	9.59			
		3	15.01	15.02	15.00	15.00			
		Motor	0.00	0.00	0.00	0.00			
		Spot	0	50	0	50			
		Score	895	947	896	948			
		Score	895	947	896	948			
Bob Hickman	Australia, Vic	1	5.00	5.03	4.57		2778	3	7/2m OD
		2	10.01	10.04	9.53				
		3	14.59	15.00	15.01				
		Motor	0.14	0.14	0.24				
		Spot	50	50	50				
		Score	934	929	915				
		Score	934	929	915				
Wayne Walker	CA	1	5.06	5.02	4.57		2745	4	7/Falcon 550E
		2	9.56	10.00	9.59				
		3	14.55	15.02	15.02				
		Motor	0.00	0.35	0.20				
		Spot	50	50	25				
		Score	935	911	899				
		Score	935	911	899				
Ross Cant	Australia, WA	Score	915	901	695	886	2702	5	
Michael Colston	Australia, NSW	Score	619	748	905	921	2574	6	
Mal Pring	Australia, SA	Score	780	906	836		2522	7	
Steve Belknap	CA	Score	781	812	736	822	2415	8	
Greg Needham	Australia, NSW	Score	723	523	773		2019	9	
Richard Tapp	Australia, SA	Score	549	454	852		1855	10	
Neil Hardiman	Australia, Vic	Score	905	949	0		1854	11	
Richard Sutherland	Australia, WA	Score	529	346	505		1380	12	
Chris May	Australia, Vic	Score	461	558	0		1019	13	
Kerryn Pike	Australia, Vic	Score	268	0	0	0	268	14	
Roy Farren	Australia, WA	Score	0	0	0	0	0	15	



A photo of Wayne Walker - Airtronics Falcon 550E, 7-cells, Aveox motor. and Steve Belknap - Larry Jolly Electricus, 7 cells, Speed 600 2:1 GB

Response to Martin Euridjian's Attacks on SEFSD Members

From the Editor

[This is a response to the awful things Martin Euridjian of A/I Robotics has said about some individuals in our club in a couple of postings on the internet in the past few weeks. If you did not read the postings, ignore this.]

It is unfortunate, and sad, to hear that after **TWO YEARS** Mr. Euridjian has continued to dwell, to the point of obsession, on an unfortunate incident that sounds, from his writing, as if it has ruined his entire life. No one in the Silent Electric Flyers of San Diego is trying to do any harm to Mr. Euridjian. We never have! All we attempted to do **TWO YEARS AGO** was highlight a product, in our newsletter, we felt was inferior. Admittedly, we did it in an insensitive and clumsy manner. Unfortunately, Mr. Euridjian interpreted our suggestions as personal attacks and reacted as though he was being persecuted. (Apparently he still is). As requested by his lawyer, we retracted everything. Since then Mr. Euridjian has been invited several times to visit us and tell us about his products and any improvements. Our aim was that we could get to know one another. He is still welcome!

We all have to deal with adversity. The healthy thing to do is put it behind you and go on with your life. I feel sorry for Mr. Euridjian since he feels the need to dredge up this old garbage over and over again. No one at SEFSD fits the monstrous description in Mr. Euridjian's postings. We are just regular E-modelers. Lets move ahead!

PLAYBOYS!

While I was in Canada Bob Sliff sent his E-mail address, which I forwarded to you. (bsli40@aol.com) I forgot to mention that he said that he had some of his electric Playboy kits made up and in stock. These are pretty good beginners kits and they fly well even after amateur construction. (I should know) . Harold

Change of Meeting Place...

By Bob Davenport

A new location for monthly meetings has been found. A vote of the members at our next regular night meeting will be held to determine whether a change is acceptable to the majority. If you have alternate ideas, then such proposals should be voiced and also voted upon at that time.

The Ocean Beach Recreation center at 4726 Santa Monica Avenue has several nights during each month when their Activities Room is available and in a meeting of their Council on June 10th they agreed to leaving those nights open to our final selection. The room in question is a 40 foot by 20 foot high ceilinged space equipped with ample chairs. Rest room facilities are down the hall. The room is expected to be free of charge.

This Rec-center is the closest such facility to our flying field and by meeting there could further legitimize our claim on our flying site or possibly provide an avenue to follow in the event that future city permits are in question. To strengthen that claim we should provide a designated member to represent our club at bimonthly Council meetings and have been invited to do so.

Anyone wishing to investigate this on his own may contact Cathy Lawler, Center Director in Ocean Beach.

SPEED CONTEST?

Is there anybody interested in the club throwing an Electric Power Speed Contest? We could see just how fast those little Speed 400 Pylon racers really go, or just time what you bring. It would be interesting to know which of these sport gliders cruises the fastest! If we want to establish some classes we could have postal or Computer E-mail type contests with other clubs. If anybody's interested, contact Lynn Heffern. If there is sufficient expressed interest I'll see what I can whip up.

Thanks, Lynn Heffern

Prop. DeBurring

By Rich Cassidy

As you requested last week, here's a reminder about an item for the newsletter: Using Scotch-Brite pads to remove the flashing from propellers or other plastic parts. I had heard about this for some time but, whenever I looked at these pads in the store, I kept thinking that this couldn't be the pad that people were talking about. Finally I tried some of the green Scotch-Brite pads and they work great. They seem to remove only the flash material and do not appear to cut into the base material of the prop. That why I brought out the sample pad for people to try. The pads come in at least two different (colors) grades of abrasiveness but I've only used the green ones. A word of caution is required. When scrubbing an APC propeller, you must be careful not to apply too much pressure on the pad as the propeller blade is sharp enough to cut through the pad and you as well.

The pads do a super job and are relatively inexpensive. Besides, your wife will never miss 'em.

See you at the meeting, rrc



CSD
Cavazos Sailplane Design

CSD, is an authorized Dealer for Aveox, Cermak, FMA, and Hobby Lobby.

CSD sells an Entry level Speed 400 race plane that has an light weight Epoxy Glass fuse and Blue foam core wings all hardware, balsa sheeting, Full size CAD plans and instructions. The Switchblade can fit a full size receiver a 6v motor, 7-cell battery pack, Steve Neu ESC and two Micro/mini servos and still stay under 16 oz. The Switchblade Kit sells for \$69.00

Additional information is available at Cavazos Sailplane Design. 12901 Foreman Ave Moreno Valley. Ca. 92553 (909)485-0674 E-Mail rcav@aol.com Visit our Web Page at: <http://members.aol.com/rcav>

FOR SALE

Graupner "2800" Sailplane
 fully built ARF \$125.00
 Cigarette Lighter plug "Y" harness
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 Sell or Swap
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E-Mail Address Updates

Paul & Joan Babcock: kd6aw@pacbell.net
 Stephane Gervais: phestan@pacbell.net
 BobSliff: bsli40@aol.com

Classified ads: Great Stuff !!

from Wayne Walker
 (619) 284-6119

Turbo Coolers

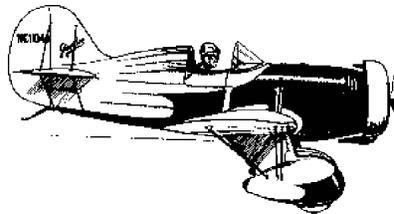
Keep batteries cool. 12V fan, 4" tube.
 Reg \$29.95 Now only **\$23.95**

Fast Eddie Kits

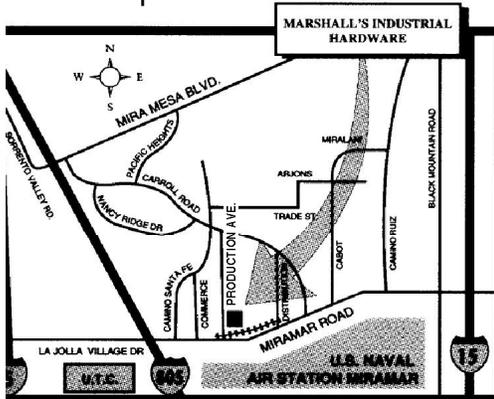
Sport, pylon plane for 05 **\$15.00**

Cadcat Fuselages

Fiberglass fuses for pylon racing. For 05
 on 7 cells. Wing plans included **\$40.00**



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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

NEU FAI SPEED CONTROLLERS

Prices for Club Members Only.

3 Micro FAI Speed Controllers:
 High rate, proportional, opto-isolation, soft start, soft brake, no glitch start-up, very light (9 grams without wires), all operate on 6-18 cells, SMT construction.
 Three models available:
 10 Amps max. \$55.00
 30 Amps max. \$65.00
 50 Amps max. \$75.00

2 Classic FAI Speed Controllers:
 High rate, proportional, opto-isolation, soft start, soft brake, no glitch start-up, light weight (25 grams without wires), SMT construction.
 Both rated at 85+ Amps max.
 Two models available:
 FAI-HV (8-30 cells) \$75.00
 FAI-LV (7-20 cells) \$75.00

Contact: Steve Neu 284-0816

SANYO BATTERIES



Custom Packs Available

1700SCRC	\$4.50 ea.
RC2000	\$6.50 ea.
N500AR	\$3.50 ea.
KR-600AE	\$2.50 ea.
Robbe Power 400 6V	\$10.00 ea.
Robbe 6 X 3.5 Folder	\$11.00 ea.

Add \$1.00/cell for "Zapping"
 Steve Belknap (619) 693-3739

SEFSD 1997 CALENDAR

JUNE	1ST	PYLON RACES
	7TH	RAMONA AIR FAIR
	21	CLASS A GLIDER CONTEST
JULY	4TH	4TH OF JULY BAR-B-QUE & NIGHT FLY
	6TH	PYLON RACES SUNDAY 8AM
	13TH	SAN MARCOS SUMMER FAIR
	16TH	MEETING NIGHT WED 7PM
	26TH	COUNTY SWAP MEET AT OUR FIELD
AUGUST	2ND - 5TH	ELECTRIC NATS AT MUNCIE, IN
	7TH	PYLON RACES SUNDAY 8AM
	23 & 34	F5B TEAM SELECTION TRIALS AND NORTH AMERICAN F5B CHAMPIONSHIPS
	17TH	MEETING NIGHT WED 7PM
SEPTEMBER	4TH & 5TH	FALL FUN FEST AND AIR SHOW
	15TH - WED	MEETING NIGHT WED 7PM
OCTOBER	18TH & 19TH	F5D PYLON RACING TEAM SELECTIONS AND NORTH AMERICAN CHAMPIONSHIPS
	25TH - SAT	TPG POWAY FUN FLY, ELECTRIC WELCOME!
NOVEMBER	1,2	CARLSBAD MALL SHOW
	2ND	PYLON RACES SUNDAY 8AM
DECEMBER	7TH	CHRISTMAS PARTY 6PM - 94TH AERO SQUADRON

SEFSD c/o Steve Belknap
10223 Kaiser Place
San Diego, CA 92126