



April, 2006
Volume xvii, Issue 4

PEAK CHARGE

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

Monthly Meeting
Aerospace Museum
Balboa Park
4th Tuesday
7:00 PM, April 25

Electroglide
Saturday
following Meeting
9:30 AM, April 29



2006 Officers

President Steven Manganelli
619-298-7592 sefsdpres@yahoo.com

Vice President Doug Rubin
619-925-5357 dougrubin@san.rr.com

Secretary David Fee
760-583-1926 davidfee@cox.net

Treasurer Michael Neale
858-674-1378 michaelwneale@earthlink.net

Editor Bill Fee
760-967-7259 dwwfee@cox.net

Safety Officer Steve Neu
619-284-0816 sneu@aol.com

Chairman of the Board Steven Manganelli
619-298-7592 sefsdpres@yahoo.com

Board of Directors

Chairman of the Board Steven Manganelli
619-298-7592 sefsdpres@yahoo.com

President Steven Manganelli
619-298-7592 sefsdpres@yahoo.com

Vice President Doug Rubin
619-925-5357 dougrubin@san.rr.com

Treasurer Michael Neale
858-674-1378 michaelwneale@earthlink.net

At Large Chuck Grim
858-274-7322 chuckgrim@mac.com

At Large Ray Fulks
619-479-1321 rwfulks@cox.net

At Large Tim Attaway
619-427-6392 trattaway@cox.net

Committees

Membership Sylvia Fee
760-967-7259 sylviafee@cox.net

Video/DVD/Librarian Chet Tussey
858-456-1261 ctussey@aol.com

Raffle Robert Abel
619-562-3774 Abelsantee@aol.com

Flight Instructor Pedro Brantuas
858-272-6882 pedro@san.rr.com

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.

The Cover

by Frank Gagliardi

The Nieuport II "Bebe" was originally designed to compete as a race plane prior to WW I. At the outbreak of the war, it was one of the first Allied mounts to seriously challenge the Fokker E II Eindecker and helped end the "Fokker Scourge." The Lewis gun was mounted above the wing because the French had yet to develop an effective interrupter gear for synchronized machine gun.

The model is a VK Kit from the 60's-70's. It is quite close to scale with its undercambered airfoil, laminated wing tip, elevator and rudder. Aileron control is as full size using a "beam and lever" affair. All other controls are via cable. It is not actually a biplane but rather a sesqui-plane where the lower wing is one half the size of the upper wing. In this case it gives a total of 900 sq.in. The weight is 8.5lbs., with a 22oz wing loading. The finish is Coverite with markings from the Lafayette Escadrille. It is no longer "wet powered" but has a 19102y Neu motor with 12 Nimh cells by DMA turning a 16x10 prop and a 65a Castle Creations ESC. The landing gear is sprung by bungees as per prototype and is very effective on our dirt field. It is definitely a "stick and rudder" aircraft!

Thanks to Craig Hunter for his excellent camera work.

Aerospace Museum Monthly Meeting site



Field

Flying Field GPS Coordinates

AMA Charter Club 3078 Latitude 32.7626416 N Longitude 117.2143138 W

web site: <http://sefsd.org/>

Zip Code 92109

Minutes from the February Meeting

by David Fee



Introduction-

Steve Manganelli brought the meeting to order shortly after 7 PM. There was quite a good turnout, with at least 40 members and guests in attendance.

Announcements and Club Business-

There was no specific club business discussed at the meeting. The portable toilet has been at the flying site for nearly a month. Any vandalism to date has been minor, so let's hope it stays that way. Steve encouraged anyone interested to submit a photo and story for the "Historical Perspective" section in Peak Charge.

Competitions/Events-

The MWE/Spring Fling is coming soon... and plans are coming together nicely. Thanks to the work of member Jim Bonnardel, this year the cones and barricades will be supplied by SDG&E free of charge. This is really a great help since rental of these items can be costly.

The first electric AT-6 race in this year's series was a resounding success. The event was held at the Palomar R/C Flyers field and the three pilots were Steve Manganelli, Frank Gagliardi and Wayne Walker. Other pilots are still working on their models and a new shipment of kits is on the way. The races are 5 laps around a 350' 2-pole course with a flying start. It's a lot of fun, and the next race will be April 15th at the SEFSD Mission Bay field.

Tim Attaway also reported on a large aerobatic event which was recently held in Bakersfield. There were 50 pilots competing! Also coming soon is the "Flying Circus" event, to be held at the Chula Vista field on June 10th & 11th. This will be a well-attended event and a \$5 donation will be asked of visitors in attendance.

Membership-

There was no membership report given, however membership stands at around 210.

The next time you hear a politician use the word "billion" casually, think about whether you want the politician spending your tax money. A billion is a difficult number to comprehend, but one advertising agency did a good job of putting that figure into perspective in one of its releases.

A billion seconds ago it was 1959. A billion minutes ago Jesus was alive. A billion hours ago our ancestors were living in the Stone Age. A billion days ago no one walked on two feet on earth. A billion dollars ago was only 8 hours and 20 minutes, at the rate the government spends it.

Doug

Safety, Safety, Safety...

Please, make sure your models are in safe operating condition. While flying, keep all models away from the foot path and Sea World Drive.

Club Training Program-

The club training program is currently in the care of Pedro Brantuas. Please feel free to contact him at 858-272-6882 or Pedro@san.rr.com if you have any questions or need assistance.

Show & Tell-

Tim Attaway brought his new House of Balsa AT-6 for the electric T-6 races. His uses an MPX 480, 1500mAh lipo, sticky antenna and weighs in at a lean 22oz.

Wayne Walker showed off his great-looking Phasoar glider, which was recovered from a swim it took in Mission Bay. The model suffered only minimal damage and almost no water intrusion.

Wayne also brought an electric AT-6. Wayne's is set up for the long-can 400 stock class and also weighs 22oz.

Our raffle master, Robert Abel, brought his neat 3D plane from Hobby Lobby. He showed some cool ways to reinforce the foam structure with minimal weight (and almost zero cost).

Raffle-

This month the raffle was full of goodies including a cold-heat soldering tool, "helping hands," a moto-tool, motors... and other tools. Be sure to support the raffle by buying tickets.

Program-

This evening there was a really great program on composite building techniques. Our guest speakers were sailplane pilots and Dynamic Soaring nuts Jason Lilly and Gary Legerton. If you missed it, you missed out!

San Diego Electroglide -- March 1 April 2006

The late storms of March continued with unsettled weather into April. Some of the forecasters predicted scattered showers for our Saturdays Electroglide, and I'm sure that that influenced some of the regulars to stay home for the day. However, Saturday produced no rain, but made up for the lack of it with a big wind from the south -- 10-20 and gusting! Before takeoff we all agreed to abide by the Club rules to stay to the north of the pit area. However the temptations of the darker, and possibly lift producing clouds, over Sea World Drive as well as possible ridge lift off the estuary banks sang the siren's songs to us! I admit to being the biggest sinner of all and transgressed over the pit area. But really now, the frustration of not being able to climb as well as Pedro, and Bob with his brushless, made me do it! Both Pedro and Bob adhered to the old glider pilots maxim of, "Get high and stay high!". Pedro had 2, 14 and a half minute flights and Bob, a 13 and a 10, my best a 9!

Now, look at all the "zeros" on the score sheet! Yup! Tough getting back to the field if you get just a little downwind with our less than 20 ounce Electrogliders!

I guess that the Open Electroglide is now a thing of the past. And the jury is still out on the continuation of the Standard Class, as I was the only one with an E-Z Glider with the stock motor and prop. Well, we'll see what the April Electroglide brings! Bring all your Electrogliders to the field on the 29th of April. We should be moving into fine, warm, summer weather. Right? First toss at 9:30, OK?

Don Wemple

The March San Diego Electroglide

Pilot	Freq.	Model	Toss 1	Toss 2	Toss 3	Total
Pedro Brantuas	48	Lil Bird	87	51	87	225
Bob Arson*	31	EZ Glider	90	0	78	168
Don Wemple	43	Sky Sergio	76	32	46	154
Roger Pedersen	55	Pulsar	43	29	47	119
Frank Smith	30	My Dezine	38	0	34	72
Zeke Mazar**	29	Lil Bird	0	0	32	32
Larry Fitzgerald	40	Ascent	0	0	0	0

* flying with a brushless motor and lipos

** flying with a brushless outrunner



*Guess
who,
what
and
when.*

Raffle.

by Robert Abel

Hope everyone that won a prize in March got what they wanted. A BIG Thank You goes to Steve Belknap for the NEU motor he donated for the raffle. Also a Big Thank You goes to Steve Neu for his donations. For APRIL, we will have an Optic 6, with spectra module for the Main Prize. There will be a couple of "performance tested" motors as well as a couple of new / unused brushed motors that were donated. A Jump Start that you can use to power your charger or start your car. We also will have an assortment of other items. See you at the meeting. Safe Landings,

The President's Corner

By Steve Manganelli

SPECIAL MESSAGE to GUESTS of MWE



Welcome to MWE Spring Fling, the West's premiere Electric Powered R/C Modeling event. I apologize for any confusion regarding the change in time of year, but with daylight savings time and spring weather in early May, we are trying hard to guarantee some of that great San Diego flying weather and not gamble with Mid-Winter rains. You'll find a wide variety of fun flying events, some outrageous demonstration flying, shopping opportunities from our distinguished vendors, excellent food and the best part: sharing modeling stories with old friends and making new friends. While you're out and about, say Hi to my friendly staff of courageous, "highly paid" volunteers. You'll find Mr. Jim Marr administering the Registration and Raffle Ticket sales tent and Mr. Frank Gagliardi leading the crew taking care of your transmitters at Impound. Mr. Tim Attaway will be mastering the ceremonies over the PA and Mr. Pedro Brantuas will be coordinating much of the activity on the field and demonstrating his big Yak-54. And of course, me, Steve Manganelli, who will be all over place wherever I'm needed. Here is a little tip from me: don't miss the Fastest Foamy in the West competition. I hear some usually serious competitors are going to set the bar really high in what otherwise would be a real low key event. They say foam flutters at 120 MPH: don't bet on it, and don't miss it! Check the schedule board for details.

I want to thank all my helpers who've graciously volunteered to help out at MWE. The response at both the February and March meetings was super. I don't think there will be much strong-arming required to fill the worker matrix. However, in case there is, we've decided upon a nice benefit for our volunteers: FREE ENTRY into MWE! That's right, work one 3½ hour shift and get a flight pass for the entire weekend; great deal, no? Also want to publicly acknowledge the leaders and planners of MWE: Tim Attaway, Chuck Grim, Pedro Brantuas, Steve Neu, Ray Fulks, Jim Marr, Frank Gagliardi. Our artist and Logo creator Mr. Jack Hix, our master of the ever changing Website, Mr. Stelio Jackson and our solicitor of chow, Mr. Doug Rubin. Thanks, guys, it couldn't be done without you. Also want to mention Mr. Jim Bonnardel, whose connec-

tions with SDG&E will get us barricades and delimiters gratis, a great benefit. Thanks, Jim! We have all the usual assortment of fun events to be interspersed among the fun flying. Scale promenade, Electroglide, T-6 racing demos, Fastest Foamy, 3D demos and of course, the crowd favorite, the dreaded Limbo-Combat. Something new this year and thanks to Pedro Brantuas, we already have merchandise sponsors to third place for all events! Check out the advertisement on our Website and for an event listing and a schedule of events; I'm excited already! There are still plenty of worker slots available on all three days and no experience is necessary. So give me a call or E-mail me as to when you'd like to participate, OK? Last month I discussed the AIAA Design/Build/Fly Competition and UCSD's participation in same. The

Flyoff in Wichita is just 2 weeks away as this being written, and we had the maiden voyage today after giving our field a day to dry out after the rains. The Tempus Volat (sans payload) took off majestically in the hands of ace pilot Steve Neu. Steve got comfortable flying her around, then landed to take on the lightest of the cargo, 48 tennis balls in a carbon box. This brought the model weight to some 17 lbs, the model still needing to takeoff in 100 ft. We really didn't expect it to take off that quickly from our soggy runway, but it did, then suffered a mysterious flight control malady and was dinged up a bit just after takeoff. The students will have it fixed and back in the air in a couple of days; I predict great things in Wichita, of course; so do the other 40-odd schools planning to participate! We'll catch you up on the event next month.

Next, I want to ramble on a bit about the inaugural Electric AT6 Race. Had an inauspicious start due to the rainout on the scheduled date of March 18, but postponement to March 25 would give everyone another week to build; should be good, right? Anyway, I, backup pilot for Steve Neu, (Chief Pilot of the Purgatory Racing Team) with able caller Jeff Keasaman riding shotgun, arrived promptly at the Palomar Flyers Fallbrook field in time for the 0900 kickoff. There we find just Frank Gagliardi waiting to do battle in *Unlimited Class*. Wayne Walker arrived later in Standard Class, a Class in which he was to have to himself. Chuck Grim arrived to scope things out for our upcoming race. So

here we have Manganelli and Gagliardi squaring off in the “piazano” bowl. The Red Devil, # 666 of the Purgatory Team, got off to a ground loop, uhhh “fast start,” streaked down to the turn pylon whereby the flagman raised his flag from the ground as the Devil passed. This meant nothing to my caller expecting a flag to drop, signifying reaching the pylon as I headed for Oceanside, oblivious! Not to worry, we got even with the flaggers on the 2nd heat as after it, and while Frank and I were both still in the air, invoked a third heat which came as a complete surprise to them! The flying start thing worked out well and we think we have most of the bugs worked out of it. The next race is at

our field on April 15th, before this issue hits print, but should be a blast. A quick thanks to those that picked up a historical input worksheet at the March meeting. Really looking forward to those inputs in future issues of PeakCharge. Speaking of that, have you figured out the identity of our March poster boy? I’ll give you a hint: this boy was born November 24, 1926 and has been a member of SEFSD since 2001. He has also entertained us at a prior club meeting with his exploits that connect his vocation to our avocation: get it? Finally, Happy Daylight Savings Time everyone! Flying after work on weekdays, barbecues, Aloha Friday; gotta love Summer. We’ll see you all at the field.



The young man in the middle of the pictures to the left and immediately below is an active SEFSD long time member we all know well.

Can you name him, and the model?

Hint: he is also in one of the two other pictures on the page. Am I giving away too much?



Micro AT-6 *by Frank G*

On March 15th, we had our first outing with the Micro AT-6s. I say outing, because there were only three of us to fly, plus Chuck Grim on the Turn Flag and Don Gulihier on the stopwatch and Jeff Keesman as Steve’s turn caller. Steve Manganelli, Wayne Walker and I constituted the “racers.” Steve and I in Unlimited and Wayne in Sportsman. The first thing we found out was that these little birds can cover a 350’ course very quickly! The next thing we found out, or I should say that Steve found out, was that takeoffs from a smooth surface can be a bit “dicey.” Ask him about that one. The airstart system seemed to work well with a 30 sec. count-down from liftoff to race start. Steve and I had some great fun flying together, at least until he figured out the course and then went by me like a bullet! I’m quick, but he is FAST. Wayne never did get off the ground due to some motor problems. Ask him how NOT to break-in a “long can 400.” By the time you read this, the April 15th race at SEFSD field will be history and hopefully a success. I can tell you this...they are a ball to fly. Try it...you’ll like it! Go Fast, Turn Left!



Schedule of Events

- April 29-30 IMAC event Tucson, AZ
- May 4-6 MWE Spring Fling SEFSD Field
- May 20-21 IMAC event Riverside CA
- June 24 Electric T-6 Race Weed Wackers Field
- June 24 IMAC event Whittier Narrows LA
- June 10-11 Flying Cirkus event Chula Vista Model & R/C Club field
- June 24 IMAC event Whittier Narrows Whittier CA
- July 8th Carne Asada BBQ Patriotic Fun Fly CVMRCC airfield
- July 22-23 Camarillo IMAC Camarillo CA
- WattFlyer OpenHouse/Fly-in, Saturday, July 22nd, 2006
- August 17-26 Electric World Championships Petesti Romania
- August 19 Electric T-6 Race Miramar R/C Flyers Field
- August 19-20 San Diego IMAC CVMRCC
- Sept 16-17 Buzzing on the Border # 2 CVMRCC
- October 18-22 Tucson Shootout AZ