

EL TORBELLINO

NEWSLETTER OF SAN DIEGO ORBITEERS FREE FLIGHT CLUB

JUNE 2010



The Prez's Corner - Don Bartick

The Orbiteers 52nd annual is in the can as they say. Along with the Fresno's 71st annual, we make up what is presently known as the Dual-Clubs Free Flight Bonanza at Lost Hills. This has become a very popular event, especially with the noon time ice cream social. The attendance continues to dwindle from a high of 92 in 2002 to just 40 (37 O/S & 3 J) this year. Several issues may be contributing to this condition. This year we had the carrot field debacle that potentially restricted the ability to retrieve your aircraft should it end up in the carrots. Couple this with aging fliers, economic hardship and to many contests. This equates to smaller participation. I don't see any change to the numbers in the future. We seem to be getting a few new and younger adult fliers, but this only offsets the old fliers that caught their last thermal. Very few juniors are joining the fold. We had 4 junior events at this contest. Junior 1/2A and P-30 went uncontested for the first time. There is also migration from AMA events to Old Time and Nostalgia events Contestants flew 69 OT/NOS events and only 48 AMA/FAI events. This is way upside down from years past. Is it simplicity versus complexity? A point to ponder.

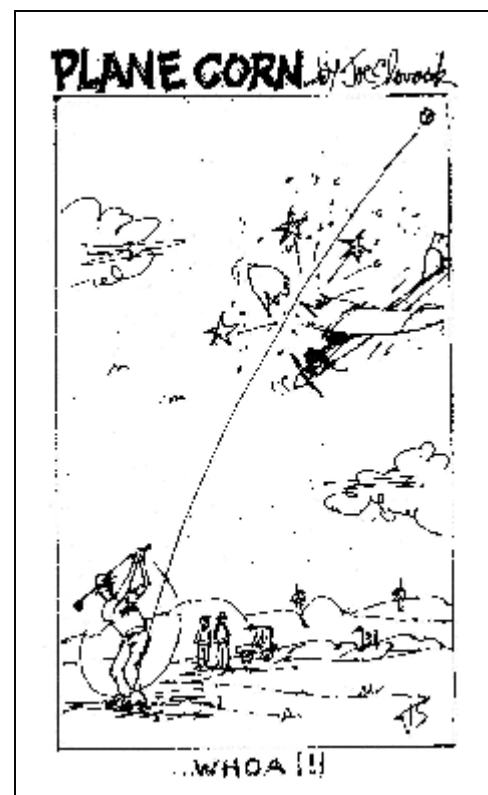


As far as the contest finances, each club came away with + \$117. Using my old formula, the Orbiteers would have lost money because of low numbers in the events we sponsor. Add this to the expense of the ice cream social and we take it in the shorts. We are the event organizers. As such, it didn't make sense for Fresno to be the financial winner. Their participation is to help run the show.

Therefore, I opted to make it easy by splitting all the expenses and event fees down the middle. This meant that the ice cream social expense and 50/50 drawing proceeds were added in to the total mix. Sure makes the math easier and with small participation number, this will be the way of the future. Sorry that more Orbiteers don't attend our own annual contest. See the contest report somewhere in this issue of the ET.

Did receive an email from Walt Ghio, CD of the Bissonnette FAI contest held over the Memorial day weekend at Lost Hills. He said they had a good turnout and like us had a good experience retrieving planes from the carrot fields. He said they eventually moved the flight line to the far northeast corner of the field. This helped stay out of the carrots. The weather was breezy and planes were making it to HY 46.

This is a wrap for now. See you at the next club meeting. Bring something to show and tell and bring something to fly.



2010 ORBITEER FLYING SCHEDULE

- June 20 - Coupe
Power, P-20, HLG & CLG
- June 27 - Scale Staffel FAC Scale Contest* (2 or 3)
- July 4 - Walt Mooney Memorial Scale Contest
- July 18 - P-30
Power, P-20, HLG & CLG
- Aug 22 - Old Timer Rubber Stick (Small)
Power, P-20, HLG & CLG
- Sept 19 - Coupe
Power, P-20, HLG & CLG
- Oct 17 - P-30
Power, P-20, HLG & CLG
- Oct 30/31 SW FAI Champs*, Boulder City NV
- Nov 7 - Scale Staffel FAC Scale Contest* (3 or 3)
- Nov 21 - Old Time Rubber Stick (Small)
Power, P-20, HLG & CLG
- Dec 19 - Coupe (Festival)
Power, P-20, HLG & CLG

* Non-Club Points Event
Otay Field Weather (619) 661-8297

2010 OFFICERS

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Vice President
Larry Miller (858) 292-1434

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John Merrill..... (619) 449-4047

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Howard Haupt (858) 272-5656
Fudo Takagi "Treasurer Emeritus"

Safety Officer & Field Marshall
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ORBITEERS YEARLY MEMBERSHIP DUES

Junior - \$10 Senior - \$15 Open - \$25
 65+ - \$15 Family - \$30 Subc - \$15
 Lifetime membership - \$250

Submit dues to club treasurer:

Howard Haupt
 3860 Ecochee Ave
 San Diego, CA 92117-4622

THE FINE PRINT

El Torbellino is the official newsletter of the San Diego Orbiteers, an Academy of Model Aeronautics Charter Club (#1113) and a California not for profit corporation. This newsletter is sent monthly to all paid members, selected exchange and magazine editors. Non-members may subscribe at \$15.00 per year within the U.S.A., offshore price will be adjusted to reflect the postage incurred. Materials from El Torbellino may be reproduced on an unlimited basis by other publications, but proper credit is requested.

ORBITEER WEB SITE

www.SanDiegoOrbiteers.com

A Ice Cream Sundae @ Dual Club Annual 2010
 Photo on page one and below by A.Bartick



Results of the Dual Clubs Free Flight Bonanza
A National Cup Event
May 15-16, 2010
LOST HILLS, CA

Don A. Bartick, San Diego Orbiteers, Event Coordinator
Larry Miller, San Diego Orbiteers, Contest Director
John Oldenkamp, San Diego Orbiteers, Assistant Contest Director
Doss Porter., Fresno GMC, Contest Director

The annual Dual Club Free Flight Bonanza was again held in the middle of May. This time of the year is working out well. The weather couldn't have been more ideal. Friday, Saturday and Sunday all started out in the low 60's and reached the mid 80's around 2pm. Wind conditions were calm to 5-7 mph. We were the first contest after the debacle with the adjacent carrot fields that resulted in a no trespassing edict to be enforced by the farm owner. The Lost Hill FF Model Airfield Association did negotiate a procedure that required calls to the owners and they would have a field hand retrieve our planes. Not a good situation, but at least you could get your plane back. We had every contestant briefed on the no entry to the carrot fields without contacting the owners. As it turned out, only 2 airplanes landed in the fields the entire contest. Making phone call to the owners led to permission to retrieve the planes by foot. This worked out well. Cooperating with our neighboring property owners is a must.

The scheduled Saturday noontime 1-hour break from flying for lunch and the now famous Ice Cream Social worked out especially well as in the past. We also continued giving each contestant a \$5 coupon to spend at the Sloan's dining hall. Having the dining hall on the field has been wonderful over the years. The Sloan's put in endless hours provisioning, setting up the Thursday before the 2 day contest, preparing 3 meals a day and breaking down. They have been operating at a near loss the last few years because contest attendance has dropped off. Even so they continue out of desire to provide this service to the free flight community. When at the Lost Hill's flying field, it's a long way from food and shelter.

This year the attendance was down by 30%. Not sure if the carrot field situation drove some away and/or there are far too many contests scheduled. With the economy the way it is, I'm sure the FF community is taking in fewer contests per year.

The Fresno GMC again brought an incredible amount of merchandise for their drawing. Every event entry that the Fresno club sponsored was given a raffle ticket. Don't know of anyone that went away empty handed.

Special thanks to wife Arline, who spent a lot of time and effort in preparation and support of the contest. Special thanks to Gus Sundberg who once again made arrangements for the ice cream to be at The Village Market in Lost Hills. Our thanks to the Sloan's for their dining establishment on the field. Last but not least, a special thanks to our Contest Directors: Larry Miller, John Oldenkamp and Doss Porter. Without them, there wouldn't be a contest.

Thirty seven (37) senior/open and 3 junior flyers registered for the meet. These flyers participated in 117 events. We had 4 separate events for the juniors. This year, we provided 7 X 9 plaques made of walnut and alder with laser etched artwork for participation awards. They were given out to each registered contestant. We then awarded laser etched gold, silver and bronze placards for event placement. The placards could then be mounted on the participation award.

Highlight of the contest: The most contested event this year was Small Old Time Rubber Stick. We had 7 flyers slugging it out in the event with Norm Furutani taking the gold. Also, to be noticed is the rise in participation of F1Q-electric and FAI Nostalgia. Glen Schneider was the busiest of all flyers by participating in 7 events. He was followed by Tom Carmen with 6 events. Tom has to be the most remarkable and courageous individual on the field. As the Southern California FF community is aware, Tom is battling cancer. His love for FF and the competitive drive seems to keep Tom in the game. We pray that Tom will enjoy many more thermals.

Until next year, have many delightful FF moments. *Don Bartick*

For the record

<u>Place</u>	<u>Name</u>	<u>Seconds</u>	<u>Place</u>	<u>Name</u>	<u>Seconds</u>	<u>Place</u>	<u>Name</u>	<u>Seconds</u>
DAWN P-30 (2)			P-30 (5)			DAWN MULVIHILL (3)		
1	Don Bartick	108	1	Derek McGuckin	900	1	Carl Redlin	575
2	Derek McGuckin	99	2	Mike Thompson	357	2	Don Bartick	382
			3	Bob Van Nest	326	3	Hal Cover	340
½ A Gas (3)			A Gas (3)			B Gas (2)		
1	Phil Ronney	720	1	Doug King	536	1	Tom Carmen	540
2	Ken Kaiser	461	2	Jeff Carmen	126	2	Jeff Carmen	10
3	Dan Cox	62	3	Brandon Martin	448			
C/D Gas (2)			Mulvihill (3)			Hand Launch Glider (3)		
1	Jeff Carmen	540	1	Dan Keegan	664	1	Jim Lueken	417
2	Tom Carman	468	2	Don Bartick	443	2	Clint Brooks	383
			3	Brandon Martin	223	3	Lee Hines	307
Hand Launch Glider, Jr (5)			Catapult Glider (4)			Classic Towline (1)		
1	Brandon Martin	26	1	Tim Batiuk	903	1	Tim Batiuk	476
			2	Lee Hines	770			
			3	Mike Thompson	506			
Early ½ A Nostalgia (3)			¼ A Nostalgia (2)			½ A Nostalgia (4)		
1	Glen Schneider	471	1	Don McNamee	518	1	Doug King	540
2	Ken Kasier	423	2	Glen Schneider	413	2	Gus Sundberg	490
3	Tom Carmen	418				3	Glen Schneider	279
A Nostalgia (7)			B Nostalgia (4)			C Nostalgia (3)		
1	Tom Carman	1070	1	Ken Kaiser	1080	1	Phil Ronney	720
2	Jeff Carman	1042	1	Tom Carmen	1080	2	Don McNamee	537
3	Don Kasier	894	3	Don Kaiser	540	3	Don Kaiser	504
1/2A Country Boy (4)			.020 Replica (2)			1/2A Classic Power (2)		
1	Tom Laird	540	1	Gus Sundberg	371	1	Gln Schneider	280
2	Ken Kaiser	521	2	Larry Miller	24	2	Don Bartick	52
3	Glen Schneider	474	3					
SM. OT Rubber Stick (7)			SM. OT Rubber Cabin (2)			LG. OT Rubber Stick (3)		
1	Norm Furutani	842	1	Mike Meyea	409	1	Mike Mayea	465

2	Carl Radlin	540
3	Martyn Cowley	510

2	Dan Keegan	215
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2	Dan Keegan	463
3	Tom Kepler	402

LG. OT Rubber Cabin (4)

1	Dan Keegan	720
2	Bud Romak	540
3	Clint Brooks	475

A Fuselage (1)

1	Eric Strengell	490
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B/C FUSELAGE (3)

1	Eric Strengell	497
2	Bud Romak	441
	Jim Robinson	384

A Pylon (3)

1		540
2	Jim Elliot	482
3	Doss Porter	455

B/C Pylon (5)

1	Carl Redlin	705
2	Phil Ronney	234
3	Jim Robinson	40

½ A TEXACO (4)

1	Norm Furutani	12:46
2	Tom Laird	9:25
3	Bud Romak	9:06

FULL SIZE TEXACO (1)

1	Jim Robinson	4:00
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NOS Rubber/Wakefield (3)

1	Bud Romak	1220
2	Dan Keegan	1018
3	Bob Van Nest	558

Dakota

1	Norm Furutani	74 pts
2	Doss Porter	207 pts
3	Brandon Martin	DNF

Night Gas (2)

1	Jeff Carmen	180
2	Doss Porter	att

FAI Vintage Power (5)

1	Tom Laird	1080
2	Glen Schneider	1062
3	Doug King	803

F1Q Electric(4)

1	Hal Cover	895
2	Larry Miller	865
3	Mike Pykelny	797

F1G Coupe (4)

1	Mark Stanbridge	548
2	Bob Van Nest	542
3	Mike Pykelny	540

F1J Power (1)

1	Sevak Malkhasyan	590 *
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F1H Towline (1)

1	Lee Hines	590
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Don Bartick - Event Coordinator
Photo by D.Bartick



Larry Miller - Contest Director
Photo by L.Miller (camera)



Arlene Bartick - Contest Score Keeper
Photo by L.Miller



PHOTO PAGE DUAL CLUB ANNUAL CONTEST 2010

Brandon Martin
(Jr.) Launches P-30

Photo by A.Bartick



The HL Glider Group - Photo by A.Bartick



Jim Lueken with Tip Launch Glider - Photo by L.Miller



Phil Ronney launching a Zipper - Photo by L.Miller



Ken Kaiser's Texan 630 - Photo by L.Miller



Carl Redlin getting ready for dawn flight - Photo by L.Miller



PHOTO PAGE DUAL CLUB ANNUAL CONTEST - #2

Derek McGuckin from WA with winning P-30
After 7-min max Photo by L.Miller



Tom Carmin ready to launch OT - Photo by L.Miller



Lee Hines & John Oldenkamp (L to R) in center background
John was Assistant Contest Director Photo by L.Miller



Ice Cream Social line-up - Photo by A.Bartick



Ice Cream Social participates digging in - Photo by D.Bartick



Larry Tougas - Photo by D.Bartick



BORDERLINE - J.Oldenkamp

As promised way back when, the following will deal with sources and methods for an entry level Electric airplane for either F1Q or AMA "B" categories that has more than fair potential, is simple, functional, tough, and really, really cheap to do by 2010 standards!

JouleBox 250 (NN, v3—Nothing New, 3RD Version) follows the two smaller prototypes shown at the February and March club meetings. The 250 is somewhat larger, moving it out of the toy category, vastly more simple, overall lighter in weight at 6+ ounces, and had been very impressive in the air early on. The three-view covers most of the basics of the design, a full-on first cousin of what we saw in the NosGas era with some modern tweaks. A full size plan has been drawn and could be made available.

Sources: For the Power train: from Hobby King.com, a Hong Kong outlet with arguably the world's largest inventory of R/C stuff which we are here adopting to Free Flight. Order way ahead of your intended usage, as deliveries can be between 5 and 25 days, depending on customs delays, legal holidays and the like. Shipping is pretty dear, so choose method wisely. I like plain plain Airmail (instead of Registered variety). All of the items listed below have been used pretty hard and have yet to have any failures.

Motor; C20-2050kv, 25.5 grams, 3mm prop shaft, 129 watts, \$9.99; ESC (Electronic Speed Control, the "Gatekeeper" that interfaces DC power to AC motor, battery management, and timer/D/T servo activation.) HK SS18amp, 2-3 cell auto-detect, 15 grams, \$6.35; Servo, HXT500, 5 grams, .9"x.87"x.4", \$3.49; Battery, Rhino 260mAh 20C, 28,\.5 grams, \$5.95; Prop Adapter, 3mm, prox 10 grams, \$1.95. Order total is \$31.40, shipping your chice, \$5.95 to \$12.00+. Fabulous bargain!

Locally sourced stuff would be the APC E prop (Hobby People), a lighter Adapter, 5 grams, ditto; the eTimer, 5 grams, \$28.00+/- from Larry B's shop, FliteTech. There are none better for now, since fully programmable operating chip has been added to the lineup.

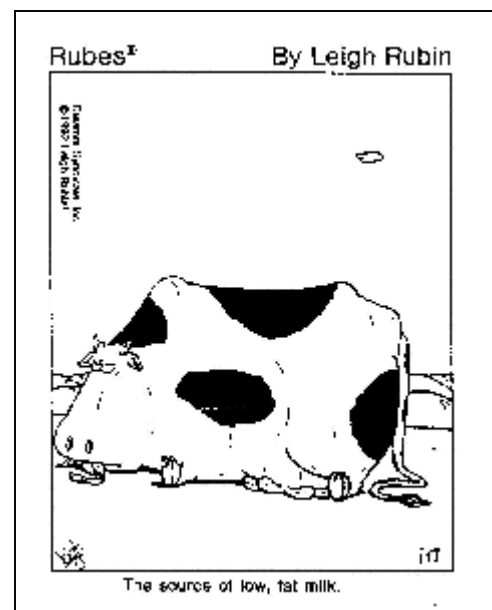
Those uncomfortable with off-shore buying will find many US outlets, but selecting/matching components is daunting. At the very least, try to keep the motor in the ephemeral "20204" class or a medium (1800kv) "2208" class, which weigh roughly 25 to 40 grams, respectively. Non-generic ESC's can be hugely expensive and have features surplus to FF needs, so beware. Consider also that 99.99% of these units are manufactured "elsewhere", so take your choice. Badge engineering is also quite common as well.

Finally, a PayPal account, which carries no fee and is quite secure, facilitates overseas purchasing in a magical way. The alternatives are very frustrating.

I will Show and Tell the JourleBox 250 at the June meeting to gauge interest in a follow-up semi-How To Build IT piece in the July ET.

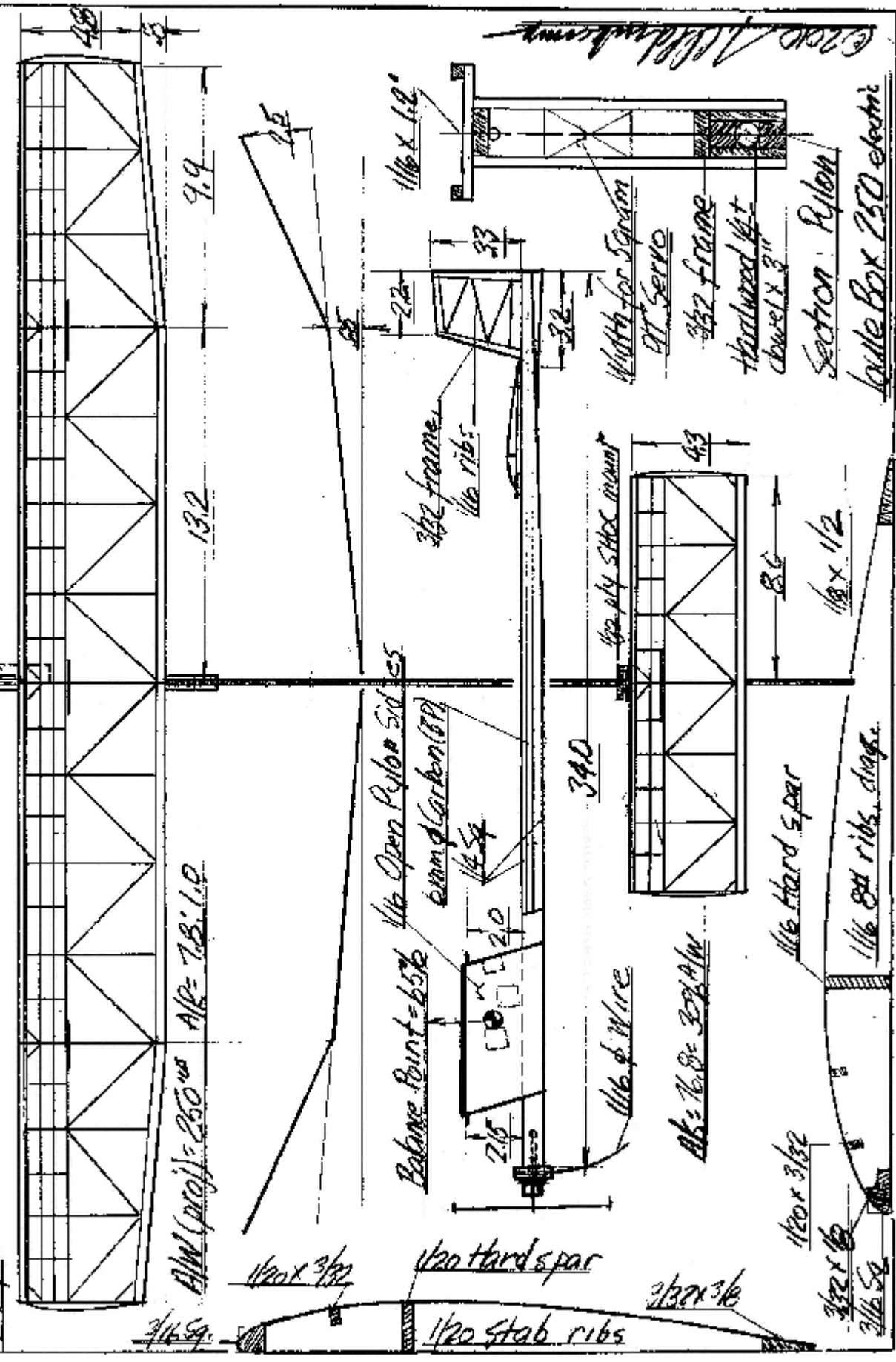
Furthermore, a committee has been working to revive/revise the moribund e36 NFFS start-up event that will reflect technology advances to put a little grunt and fun in it that was sorely missing until now. To help things along, I have drawn a 3-view and full size plan for such an airplane that uses the identical parts listed above. Building started yesterday with hope for a light, zippy e36 that may re-ignite interest in this entry-level electric category.

Question: Who cut the weeds at Otay? Thanks.
Vote no on Prop. A, pls. **JO**



25.5 cm Hobby King 2050KV
 Firewall = 2 - 2.5mm LxH Ply + 1/16" 6x4 PVC E prop. RH/RT trim
 500 mAh 2 or 3S pack on Vektro pad

WIN Teedoff



AWW (proj) = 250 mg A/R = 7.8:1.0

Balance Point = 65k

340

AW = 7.8:1.0

1/16 Hard spar

1/16 8x ribs, diag.

1/16 ply shock mount

3/16 frame
1/16 ribs

Width for Servo
RT Servo

3/16 frame

Hardwood 1/4" chord x 3"

Section: Pylon

Ball Box 250 electric

© 2010 W. W. W. W.

AW = 189" D, AR = 6.8:1.0 Fly R4/RT



bank box c 36

3/32 Washouts both top
3/32 Wash-in (RT)

CD-2050 RV motor (20.5 Amps)

12-15 amp ESS

65% Balance Point

Stimer (Eggs)

Egg Serbs

30 CM

1/16 Ø SKID

6 X 4 APR E

AKE 537" D (28%)

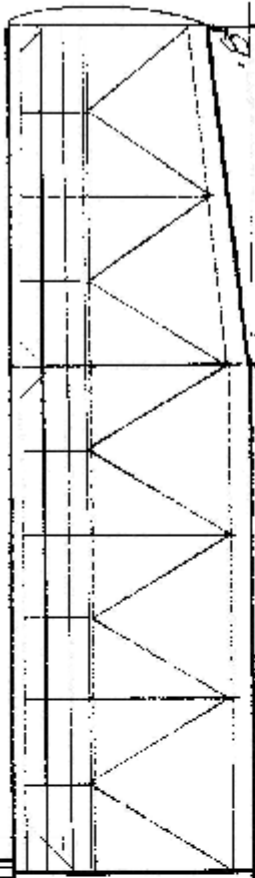
1/20 X 3/32

1/20 spar

1/20 stab tube

3/32 X 3/8

500 x 400 mld Bank + Vetro + Exit Ramp



11 ft
3/32 Cheeks
6.2 ft max

'Open' Plybr w/ 1/16 Sides

2-2.5mm ltr Ply + 1/16 Sides 1.4 X 1.4



3/32 + 1/16 X 3/32

16.5 - 18

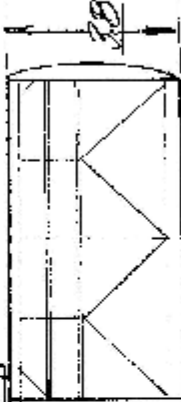
3/32

3/32



3/32 X .4"

3/16 Sq



7.0

5mm Ø BR

Carbon Tube (6gms)

© 2011 NIFFS

ON THE LIGHTER SIDE - H.Haupt

Three flyers took on the challenge of flying small indoor rubber stick planes in the confined spaces of the Scripp's Ranch Community Center atrium. The results of this challenge are listed below.

Pizza will be available from Venice Pizza House at our meeting this month. Bring your favorite drink, as well as some money to cover your \$2.00 per slice charge for your favorite pizza. Plates, paper towels, plastic utensils, extra cheese/spices, and trash receptacle will be provided.

Mar 12TH Indoor Flying

- 1.) H.Haupt Butterfly 1:21
- 2.) B.Overcash A-6 1:06
- 3.) W.Scott Gulls :16 (Guest)

MONEY MATTERS - H.Haupt

Income:

Dues (3)	65.00
Refund from State of Calif	20.00
Dual Club Annual 2010	959.91

	\$ 1,044.91

Expenses:

May Newsletter	14.40
Bank Account Fees	12.95
Duel Club Plaque Balance Due	490.48

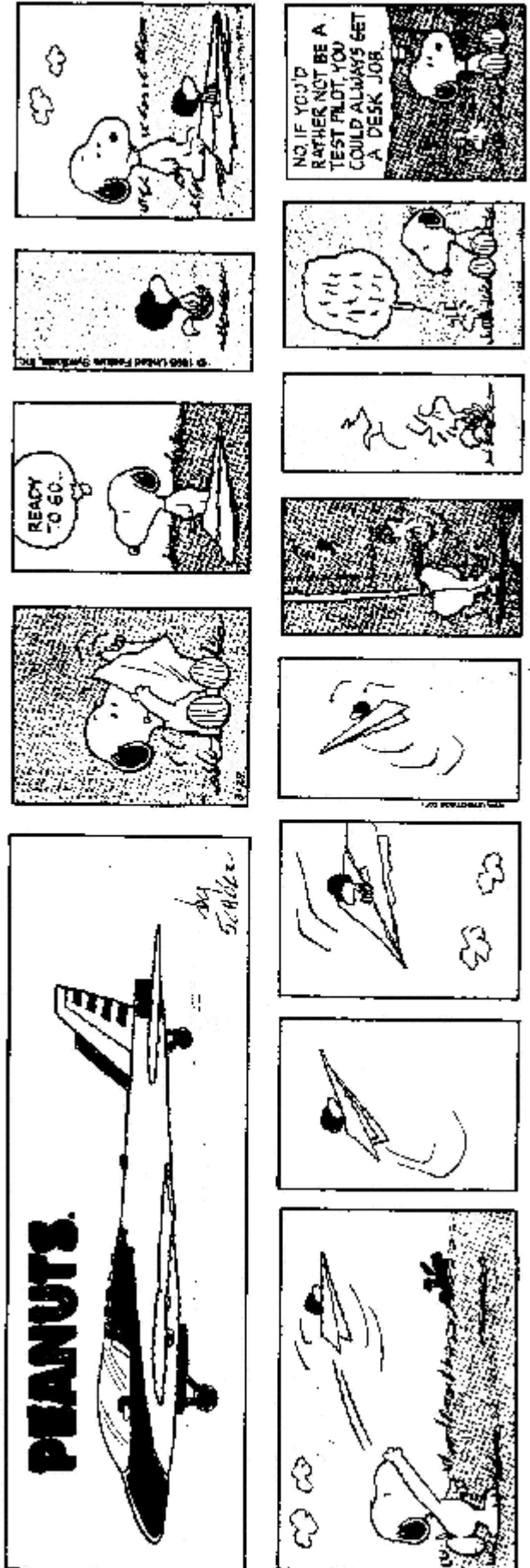
	\$ 517.83

Current Balance \$1,877.23

MAY / 2010 MEETING MINUTES - H.Haupt

Gathering declared a non-meeting due to low attendance @ 7:25 pm, on May 14, 2010 with (3) members present. One guests present, William Scott, who is showing a strong interest in indoor flying in support of his daughters indoor flying interests.

Indoor flying followed the initial hanger flying talk session.





Applications and Renewals



FLYING ACES CLUB

is a society of unique individuals with a common interest that at times borders on a passion. It is our intent to preserve and promote the traditional building of Free Flight stick and tissue model aircraft. Although competitive at times, the sharing of innovations, assistance and camaraderie is second nature to those who believe in the unique spirit of the FLYING ACES CLUB.

Annual membership includes six issues of *Flying Aces News*, official rulebook, invitations to large FAC contests, opportunities to join your local squadron (or form your own), and much more!

Name _____
Address _____
City _____ State _____ Zip _____

Mail this form and an \$18 check (payable to to FAC) to:
FAC-GHQ 3301 Cindy Lane Erie, PA 16506
email: FACGHQ@verizon.net



SAM MEMBERSHIP & RENEWAL APPLICATION

Subscriptions to SAM Speaks are not available without membership

Membership Rates

- 1 yr. Residents of Canada and the U.S. - \$25.00
 1 yr. Foreign - US \$40.00 (Air Mail only)
 Renewal New Membership

Name _____
Address _____
City _____ State _____ Zip _____
Telephone _____ SAM # _____
Email _____

I agree to follow the rules of the Society of Antique Modelers and uphold the principles stated in the SAM Preamble.

Age _____ My Interest: Rubber Models Gas Models

Note: Membership in the AMA is required to fly in SAM contests. Please put your SAM number on your check if renewing.

Checks payable to: Society of Antique Modelers.
Address: P.O. Box 542, Jonesboro, LA 71251

IMPORTANT RENEWAL INFORMATION

To continue receiving the NFFS Digest without interruption, your dues should reach the NFFS Membership Office at least two (2) months before your current expiration date. For example, if your Digest mailing label says your month of expiration is August, NFFS should receive your payment by June. Do not wait for a reminder from NFFS. You will be late and miss an issue.

If possible, please renew your membership for at least two years.

International members only - If you renew at least two months before your dues expire, you can now use VISA or Mastercard (on two or more year memberships only) by mailing to the address in the application below; by using the shopping cart on our web site freeflight.org; by e-mail to carl.bakay@scientificdriffling.com.

★ ★ NFFS Foundation Donation ★ ★

NFFS Members are encouraged to support the NFFS Foundation by a voluntary extra tax deductible contribution. Contributions can be made in three different levels: Silver for \$75; Gold for \$125; Platinum for \$250 or more. Sustaining membership contributors will have their names listed by level in the next NFFS Symposium Publication.

Sustaining members can simply add the Foundation amount to their regular membership application check when they send it to NFFS.

Thanks for your support.

Bob Stalick, Chairman NFFS Foundation. Federal EIN 58-2231086



NFFS MEMBERSHIP & RENEWAL APPLICATION

Mail to: NFFS Membership Office
118 Gentry Circle
Lafayette, LA 70508-6326
USA

Make checks payable
in U.S. dollars to:
National Free Flight Society

Dues include a mandatory \$300 per year for NFFS membership.

5 Year Gold Membership includes membership card, 2 NFFS Digests and 1 NFFS Decal.

2 Year White Membership includes membership card and 2 NFFS Decals.

3 Year NFFS Silver Membership includes membership card and 1 NFFS Decal.

US Residents (Age 19 & over) 2 years \$48.00
 1 year \$25.00

Junior Membership (U.S. only) 2 years \$18.00
Age 18 & under as of July 1 of the current year 1 year \$10.00
Copy of birth certificate required for new memberships.

All Non-U.S. Residents 2 years \$75.00
(To use VISA or MasterCard, see 1 year \$40.00
Important Renewal Information above.)

Life Membership US Residents \$500.00
Non-US Residents \$550.00

★ NFFS Foundation Donation ★

Silver - \$75 Gold - \$125 Platinum - \$250 or more \$ _____

To help reduce expenses maintaining NFFS records,
PLEASE renew for at least 2 years. Thank you!

Check boxes to what applies:

New Member Renewal Address change Donation

Amount: \$ _____ Current expiration date: Mo. - Yr. _____

PLEASE PRINT

Name: _____ AMA member: Yes No

Address: _____ AMA #: _____

City, State: _____ Zip: _____

Telephone: _____

(IMPORTANT - PLEASE PRINT VERY CLEARLY)

e-mail address: _____

Send all renewals, address changes, applications, and membership questions to the Membership Office.
e-mail: carl.bakay@yahoo.com

SAN DIEGO ORBITEERS

Howard Haupt / Editor
3860 Ecochee Avenue
San Diego, CA 92117-4622



WHAT'S HAPPENING

June/July 2010

June 11 - **Orbiteer Monthly meeting at S.D. City Serv. Cntr. @ Scripp's Ranch,**
11885 Cypress Canyon Road, Meeting starts at 7:00 pm.
Indoor Fun Fly featuring A-6 & Gliders up to 8" follows the meeting.

June 20 - **Orbiteers Monthly, Otay Mesa, 8:00 am.**
Non-power: **Coupe** Power: **All Classes**
Other Classes: **P-20, HLG & CLG**

June 27 - Scale Staffel Contest, 2ND of 3 contests, Otay Mesa, 7:00 am.

July 4 - Walt Mooney Memorial Scale Contest, Otay Mesa, 8:00 am.

July 11 - Indoor Fun Fly, Grossmont College, 9:00 am.

July 9 - Orbiteer Monthly Meeting @ Scripps Ranch Community Center, 7:00 pm.

July 18 - Orbiteer Outdoor Monthly @ Otay Mesa, 8:00 am, Feature event is Coupe.

Local Field Weather: (619) 661-8297
