

# EL TORBELLINO

NEWSLETTER OF SAN DIEGO ORBITEERS FREE FLIGHT CLUB

JANUARY 2014



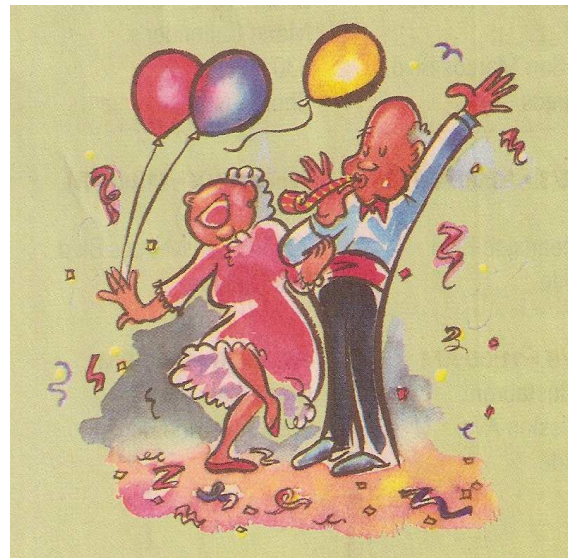
## *The Prez's Corner – Don Bartick*

Happy New Year to all of you out there in Orbiteers land. Let's all get some new projects on the board. Better yet in the air. The new flying season is upon us. I for one have just completed a new Tail High 30 (P-30). The old P-30 was in its 8<sup>th</sup> year and looking very bad. Seriously overweight from 8 years of collecting lube inside the fuselage; let alone the numerous repairs. The new plane came in at 41.6 grams fully assembled with viscous timer and DT lines less rubber. Does make a difference in the climb and glide. Test flights look outstanding. The proof will be at the SW Regional this coming weekend; 18<sup>th</sup>, 19<sup>th</sup> & 20<sup>th</sup> in Eloy, AZ. Hope to see some Orbiteers at this contest. It's always fun. I am also in the process of building a new Predator 330 for the recently acquired PICCO P-Zero 1/2A engine. Should make a good combination. It definitely will make a lot of noise.

The NFFS has approved provisional rules for NOS Electric. The rules follow the NOS gas power rule when it comes to eligible designs, wing loading and engine runs. They have asked us Contest Organizers to add the event to our contests this year so that data and comments can be evaluated which may affect the rules. Guess I need to build an electric Privy Boy. What's this world coming too? AMA E-36, Electric A & B are being added to the National Cup this year. Appears Electric is here to stay. Our own John Oldenkamp has been a major doer and shaker for these events.

**(Continued on page two)**

## **ORBITEER & SCALE STAFFEL ANNUAL BANQUET - JAN 25<sup>TH</sup>**



### **WHEN & WHERE:**

Saturday, January 25<sup>TH</sup> at 1:00 pm

At GIOVANNI'S Restaurant  
9353 Clairemont Mesa Blvd.

### **WHAT & COST:**

Italian Buffet, which includes:  
Salid, Spaghetti, Lasagna, Pizza,  
Garlic Bread, & Beverage.  
All you can eat for \$15, tax & tip included.

### **THE PROGRAM:**

- Eat, Drink, and be Happy
- Annual flying awards presentation
- Show and tell
- Raffle, donations are welcome
- Sharing of tall tales from the year

## (Prez's Corner from page one)

Remember that our Awards Banquet is January 25<sup>th</sup>. This is the first year that Indoor competition is playing a role in deciding the 'Orbiteer of the Year' award.

The Board of Trustees is in need of 2 new Board Members. Anyone out there in Orbiteers land that would be interested, please contact me 858-774-2941 for more details.

This is a wrap for now.

*Remember: "We make a living by what we get; we make a life by what we give."*

*Sir Winston Churchill*

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### NEW MEMBER WELCOME

At mid-year in August, Richard Wood joined the club, and since has been active at our indoor sessions at Grossmont college. Since Richard lives in Phoenix, this is quite the morning drive for some relaxing indoor flying. He finished the year with 3 indoor points on the books.

Greg Hutchison rejoined the club after an absence of number of years. Is active in both indoor and outdoor competition.

Michael Jester joined the club this month. He is active in all the indoor events we fly at Grossmont college. Also, he flies outdoor stick and tissue models in FAC rubber scale, Old-Timer and, P-30.



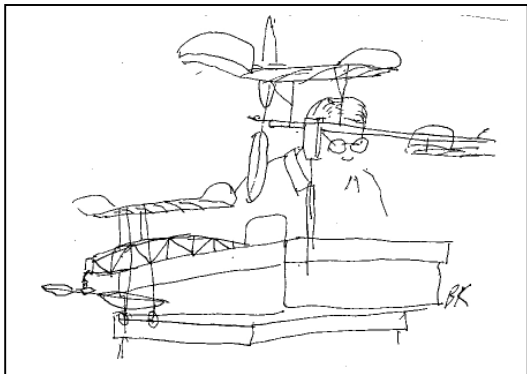
## 2014 ORBITEER FLYING SCHEDULE

Jan 26 - P-30, Power, & Glider  
Feb 23 - Nos. Rubber, Power, & Glider  
Mar 16 - Coupe, Power, & Glider  
Apr 12/13 FAC Scale Contest, (One of Three)\*  
Apr 27 - P-30, Power, & Glider  
May Dual Club FF Bonanza, Lost Hills CA  
May Rotation Skipped: (Nos. Rubber)  
June 22 - Coupe, Power, & Glider  
July 4 - Walt Mooney Annual Scale Contest  
July 20 - P-30, Power, & Glider  
Aug 17 - Nos. Rubber, Power, & Glider  
Aug 23/24 FAC Scale Contest, (Two of Three)\*  
Sept 21 - Coupe, Power, & Glider  
Sept US FF Championships, Lost Hills  
Oct 12 - P-30, Power, & Glider  
Oct SW FAI Champs\*, Boulder City, NV  
Nov 8/9 FAC Scale Contest, (Three of Three)\*  
Nov 16 - Nos. Rubber, Power, & Glider  
Dec 14 - Coupe, Power, & Glider  
**\* Non-Club Points Event**  
**Otay Field Weather (619) 661-8297**

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## 2014 INDOOR FLYING SCHEDULE

Jan 5 - A-6, Phantom Flash\*, No-Cal\*  
Feb 2 - Phantom Flash, No-Cal\*  
Mar 2 - Penny Plane, Phn. Flsh\*, No-Cal\*  
Apr 6 - A-6, Phantom Flash\*, No-Cal\*





## BOARD OF TRUSTEES

### Chairman

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## ORBITEER TASK LEADERS

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### Newsletter Editor / Membership Coordinator

Howard Haupt ..... (858) 272-5656  
[hlhaupt1033@att.net](mailto:hlhaupt1033@att.net)

## ORBITEERS MEMBERSHIP DUES

Annual Membership - \$15  
Lifetime Membership - \$250  
Non-Member Newsletter Subscription - \$15  
Junior Members 16 years old or younger - Free

### Submit Dues to Club Treasurer:

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

## THE FINE PRINT THE FINE PRINT

El Torbellino is the official newsletter of the San Diego Orbiteers, an Academy of Model Aeronautics (AMA) 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 required. 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](http://www.SanDiegoOrbiteers.com)

Webmaster: Bob Beecroft

## JANUARY 5, 2014 INDOOR FLYING

### A-6

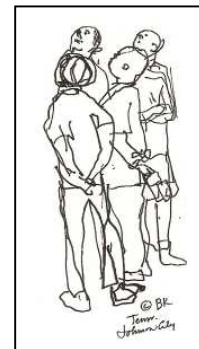
1 – Mike Jester	358
2 – John Hutchison	277
3 – Greg Hutchison	267
4 – Don Bartick	243
5 – Richard Wood	233
6 – William Scott	135
7 – John Merrill	127
8 – Mark Chomyn	108

### Phantom Flash

1 – Mike Jester	109
2 – Don Bartick	105
3 – John Merrill	78
4 – John Hutchison	74
5 – Mark Chomyn	74

### No-Cal

1 – Mike Jester	126
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# Orbiteers Monthly Contest Results

## Outdoor

Date	Event	Results	Time	Points				
Jan	Nostalgia Rubber	John Hutchison	308	7	Total Nostalgia Rubber	John Hutchison	10	
		Don Bartick	302	6		Don Bartick	10	
		John Oldenkamp	289	5		John Oldenkamp	5	
		Mark Chomyn	277	4		Mark Chomyn	5	
		Mike Pykelny	221	3		Mike Pykelny	3	
		John Alling	43	2		John Alling	2	
		John Merrill	25	1		Greg Hutchison	2	
	Power	JohnOldenkamp	306	3	Total Coupe	John Hutchison	15	
		Mike Pykelny	280	2		Greg Hutchison	15	
		Larry Miller	268	1		John Oldenkamp	14	
Glider	Larry Miller	79	1		Mike Pykelny	8		
					Mark Chomyn	7		
June	Coupe	John Hutchison	270	5	Total P-30	Don Bartick	2	
		John Oldenkamp	270	5		John Merrill	1	
		Greg Hutchison	260	4		John Hutchison	11	
		Mark Chomyn	253	3		Greg Hutchison	11	
		Mike Pykelny	59	2		John Oldenkamp	9	
		John Merrill	25	1		Larry Miller	9	
						Mark Chomyn	6	
	Power	John Oldenkamp	360	2		Bob Langdon	5	
		Larry Miller	360	2		Don Bartick	4	
		Mike Pykelny	187	1		Mike Pykelny	1	
July	P-30	Larry Miller	310	7	Total Glider	Larry Miller	1	
		John Hutchison	293	6				
		Bob Langdon	291	5		Total Power	John Oldenkamp	14
		Greg Hutchison	270	4			Mike Pykelny	8
		John Oldenkamp	234	3			Larry Miller	3
		Mark Chomyn	226	2				
		Don Bartick	202	1		Total Outdoor Pts	John Oldenkamp	42
	Mike Pykelny	153		John Hutchison	36			
	John Merrill	25		Greg Hutchison	28			
	September	Coupe					Mike Pykelny	20
					Mark Chomyn		18	
					Don Bartick		16	
John Oldenkamp			335	2	Larry Miller		13	
Mike Pykelny			276	1	Bob Langdon		5	
John Hutchison			360	6	John Merrill		2	
Greg Hutchison			360	5	John Alling		2	
Power		John Oldenkamp	356	4				
		Mike Pykelny	355	3				
		Mark Chomyn	231	2				
October	P-30	Don Bartick	116	1				
		John Oldenkamp	335	2				
		Mike Pykelny	276	1				
		Greg Hutchison	360	7				
		John Oldenkamp	311	6				
	Power	John Hutchison	303	5				
		Mark Chomyn	269	4				
		Don Bartick	266	3				
November	Nostalgia Rubber	Larry Miller	260	2				
		Mike Pykelney	235	1				
		Bob Langdon	174					
		Frank Allen	28					
		John Oldenkamp	268	2				
		Mike Pykelny	262	1				
	Power							
December	Coupe	John Oldenkamp	331	1				
	Power	John Oldenkamp	324	6				
		Mike Pykelny	321	5				
	Coupe	John Hutchison	319	4				
		Mike Pykelny	300	3				
		Mark Chomyn	263	2				
		Don Bartick	232	1				
	Power	John Oldenkamp	120	2				
		Mike Pykelny	120	2				

# Indoor

<u>Date</u>	<u>Event</u>	<u>Results</u>	<u>Time</u>	<u>Points</u>			
					<b>Total A-6</b>	John Hutchison	6
April	A-6	John Hutchison		3		Greg Hutchison	3
		Larry Miller		2		Larry Miller	2
		Don Bartick		1		Don Bartick	2
						Richard Wood	2
May	Phantom Flash	Don Bartick	211	3	<b>Total Phantom Flash</b>	Don Bartick	6
		John Hutchison	148	2		Greg Hutchison	4
		William Scott	148	1		Larry Miller	3
		Mark Chomyn	139			John Hutchison	2
		John Merrill	85			Mark Chomyn	1
		Larry Miller	38			Richard Wood	1
						William Scott	1
June	Penny Plane	John Hutchison	526	3	<b>Total Penny Plane</b>	John Hutchison	6
		Larry Miller	438	2		Larry Miller	2
		Don Bartick	437	1		Greg Hutchison	2
		Mark Chomyn	368			Don Bartick	2
September	A-6	John Hutchison	432	3	<b>Total No-Cal</b>	Mark Chomyn	1
		Greg Hutchison	413	2		John Hutchison	3
		Don Bartick	78	1		Larry Miller	2
						Mark Chomyn	1
October	Phantom Flash	Don Bartick	163	3	<b>Total Indoor Points</b>	John Hutchison	17
		Greg Hutchison	104	2		Don Bartick	10
		Mark Chomyn	66	1		Larry Miller	9
	Penny Plane	John Hutchison	502	3		Greg Hutchison	9
		Greg Hutchison	359	2		Richard Wood	3
		Mark Chomyn	358	1		Mark Chomyn	3
		Larry Miller	243			William Scott	1
November	A-6	Richard Wood	488	2	<b>Total Points O&amp;I</b>	John Hutchison	53
		Greg Hutchison	378	1		John Oldenkamp	42
	Phantom Flash	Larry Miller	172	3		Greg Hutchison	37
		Greg Hutchison	167	2		Don Bartick	26
		Richard Wood	165	1		Larry Miller	22
		John Hutchison	148			Mark Chomyn	21
		Don Bartick	57			Mike Pykelny	20
December	No-Cal	John Hutchison	226	3		Bob Langdon	5
		Larry Miller	205	2		Richard Wood	3
		Mark Chomyn	101	1		John Merrill	2
						John Alling	2
						William Scott	1



# The *Isaacson* winter classic

February 08 - 10, 2014 at Lost Hills, California



Join us for one of the premier West Coast Free Flight Contests! We are again hosting the **Kiwi New Zealand FAI World Cup**. All FAI classes are **America's Cup**. **AMA** and **NFFS** classes are **National Cup**. This is a **Cat. II** contest.

## Saturday FAI Events

### Kiwi - New Zealand World Cup!

#### F1A, B, C, & P (Q on Sun.)

Round Schedule: Saturday 2/08

- 1 8:00am-9:00am
- 2 9:00am-10:00am
- 3 10:00am-11:00am
- 4 11:00am-12:00pm
- 5 12:00am-1:00pm
- 6 1:00pm-2:00pm
- 7 2:00pm-3:00pm

Round One Maxes:

<b>F1A</b>	210 seconds
<b>F1B</b>	240 seconds
<b>F1C</b>	240 seconds
<b>F1P</b>	240 seconds

Fly-Off Schedule:

Round eight, 5 minute max.

**F1A** 3:30pm-3:40pm

**F1B** 3:45pm-3:55pm

**F1C/P** 4:00pm-4:10pm

Additional rounds to be announced

Frank Zaic Awards\*

for limited function F1X models

## Saturday Only! 8am - 5pm

**NEW! The Paul MacCready Human Power World Championship for Hand Launch Glider.**

Cash prizes, see: flier

**NEW! E-36 World Open.**

AMA Rules, cash prizes, see flier

**NEW! E-20 TBA**

**NEW! Bud's Buddies Big "E"**

Unlimited+ Rubber, AMA Rules

**Vintage FAI Gas**

Five rounds, 2010 NFFS rules

**AMA HHCLG - NC Pts.**

**Gollywock One Design 3 - 3min max**

**Gollywock Mass Launch**

Sat. Evening TBA. Everyone flies! A Bob White Event!

## Saturday (continued)

### NOS Gas

1/4A, 1/2A & C. Separate events.

### AMA Gas

C, D, Sup. D Combined. Classes will be separated for NC pts.

## Sunday FAI

### F1G, H, & J

Round one, 8:00 am! Champagne Flyoff!  
Time to the ground. Round Schedule:

Rounds 2-5, two minute max.

**1** 8:00am-8:45am, 15m E-36 break

**2** 9:00am-9:45am

**3** 9:45am-10:30am

**4** 10:30am-11:15am

**5** 11:15am-12:00pm

Fly-Offs will begin at 12:15 noon and finish by 3:00. At 3:00, any remaining ties will be broken by using Champagne Flight Times.

## F1Q - 7 rnds, 180s

## Sunday Only! 8am - 3pm

**Paul MacCready Human Powered World Championships AMA Catapult Launch Glider**

**Pt.2 E-36 World Open, Mass Launch**

**NOS Gas A, B & Early 1/2A**

**AMA Gas 1/2A, A & B Combined**

**AMA Hand Launch Glider, NC pts.**

**P-30 AMA Rules**

**Large NOS Rubber-NFFS Rules**

White Award for top NOS Wake

**Moffett AMA Rules**

**Classic Glider NFFS Rules**

**SAM Compressed Air**

3 - 3min. max. plus mass launch.

**Lee's BTV West, 12"CLG. See Lee**

**Monday - CLG/HLG Glider Clinic**

See Ralph or Stan, Sign-up req.

## Contest Directors:

**Norm Furutani**

15423 Haas Ave.

Gardena, CA 90249

(310) 323-1943

norgin@earthlink.net

**Roger Morrell**

1916 B Gates Ave.

Redondo Beach, CA 90278

(310) 374-2136

r\_morrell@yahoo.com

## Register Fri. 1pm

## Entry Fees:

"Kiwi" World Cup events \$25  
All others, \$15.00 - includes one event. Additional events \$5.00 each.

All must be current member AMA /MAAC and Lost Hills Assoc. World Cup events require an FAI License.

## Awards: Sunday 4pm

Jr.-Sr. Open Class combined. First through third, each event.

Perpetual Gollywock and Nos. Wake awards, courtesy of Bob White

Awards Ceremony and RAFFLE!

Winners MUST be present!

\*The Frank Zaic Awards  
For imited function F1X models. For details go to:  
<http://www.faifreeflight.org/images/stories/contests/ZaicAwards.pdf>  
Monday, reserve day for FAI Events.



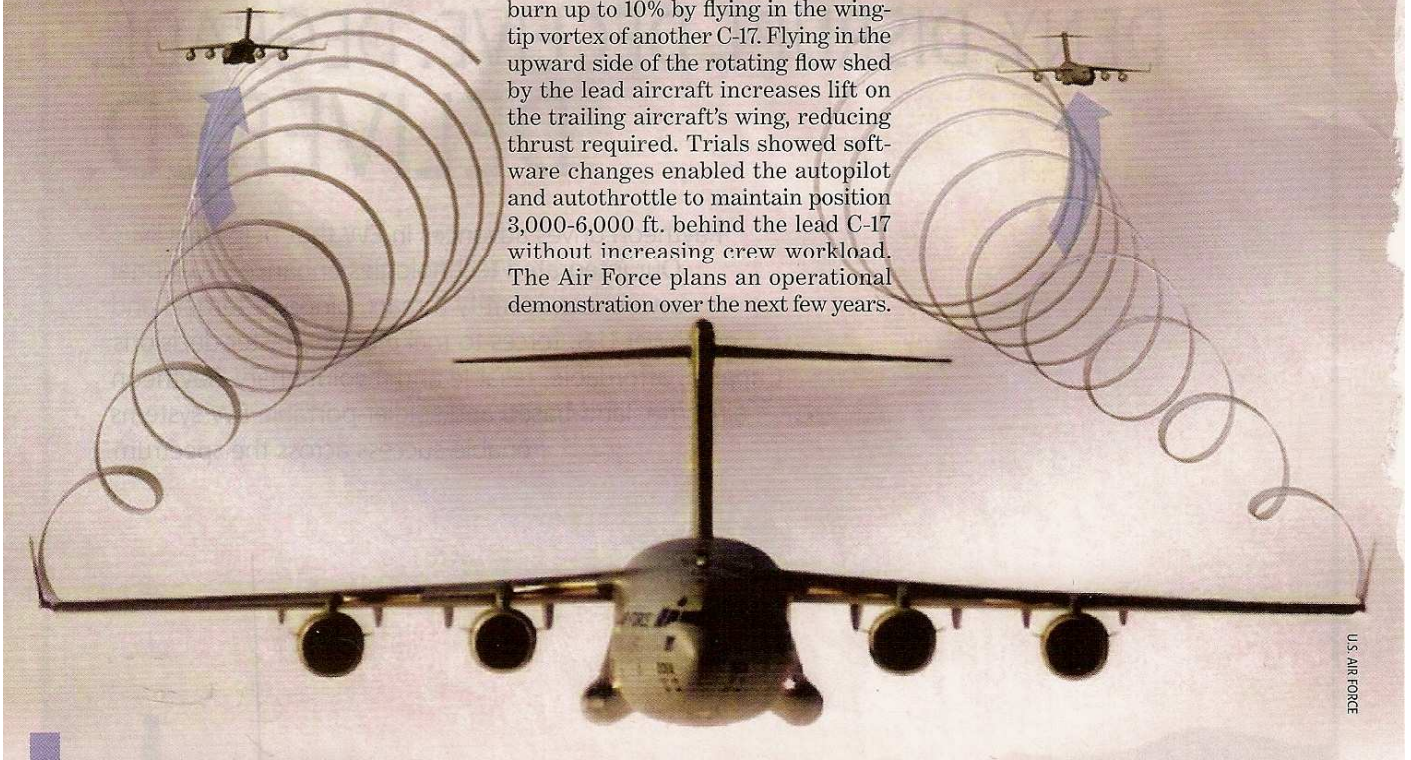
*In memory of  
our dear friends,  
Bob and LaVera  
Isaacson*





## Wake-Vortex Surfing

Geese do it, so why not aircraft? The U.S. Air Force is looking at formation flying to reduce the fuel burned by its airlifter fleet. Flight tests in 2013 showed a Boeing C-17 can reduce fuel burn up to 10% by flying in the wing-tip vortex of another C-17. Flying in the upward side of the rotating flow shed by the lead aircraft increases lift on the trailing aircraft's wing, reducing thrust required. Trials showed software changes enabled the autopilot and autothrottle to maintain position 3,000-6,000 ft. behind the lead C-17 without increasing crew workload. The Air Force plans an operational demonstration over the next few years.



## MONEY MATTERS - H.Haupt

12/14/13 thru 01/8/14

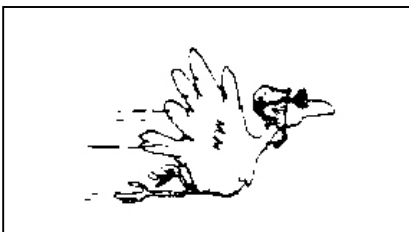
### Income:

Dues (2) 40.00

### Expenses:

December Newsletter 5.46

**Current Balance .....** \$ 1,443.70



SAN DIEGO ORBITEERS  
Howard L. Haupt / Editor  
3860 Ecochee Avenue  
San Diego, California 92117-4266



## WHAT'S HAPPENING -

## JANUARY 2014

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- Jan. 25 - **Annual Orbiteer & Scale Staffel Banquet**, at Giovannti's, 1:00 pm.  
9353 Clairemont Mesa Blvd., (See enclosed announcement for more details)
- Jan. 26 - **Orbiteer Outdoor Monthly**, Otay Mesa, 8:00 am,  
Feature Event: P-30    Other Events: Power & Glider

## FEBRUARY 2014

- Feb. 3 - **Indoor Flying**, Grossmont College (Upper Gym), 7:30 am to 11:30 am.  
Feature Event: Phantom Flash    Other Events: No-Cal
- Feb. 23 - **Orbiteer Outdoor Monthly**, Otay Mesa, 8:00 am,  
Feature Event: Nostalgia Rubber    Other Events: Power & Glider