

EL TORBELLINO

NEWSLETTER OF SAN DIEGO ORBITEERS FREE FLIGHT CLUB

JUNE 2015



The Prez's Corner – Don Bartick

The Dual-club annuals are now in the can. Another good contest with great weather for those that attended. I had the impression that more Orbiteers would be in attendance, but that turned out to be wishful thinking. At least Mike Pekelny and Linda Piazza made the contest. Linda was a great help to Arline. The contest made money for the 2 clubs. Primarily by not over ordering plaques. We planned for 35 contestants and had 34. Quite a few contestants that normally come to this event were absent. It's very difficult to plan numbers any more. Therefore, being conservative paid off this time. Look for the contest report in this ET.

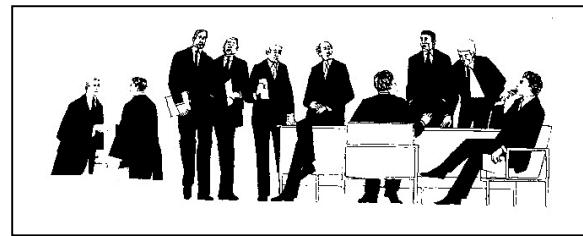
The biggest issue that now faces the club is finding another flying field in the San Diego area. The field that we have enjoyed down in Otay Mesa for umpteen years is closed to us and any other trespassers. The owners are in the process of selling the property and they feel the risks are too great having us or anyone else traverse their land. As it turns out, it was only a matter of time before the property was going to be put to other use. There is another border crossing and extension of highway 905 that is about to start construction. They would impact our field location. In the interim as we set forth to find another field, the SCAMPS have agreed to let us run our monthly contests at the Perris field. Our schedule has been put up on their website. The first event will be the June monthly to be held on June 28th; followed by the annual Walt Mooney 4th of July contest.

The Orbiteers Website is up and running. Kathy McLaughlin and her grandson Guy Cope did an outstanding job. It probably ranks as one the best model club websites in the country. Kathy has graciously agreed to be the Webmaster for now. Visit the Website at www.sandiegoorbiteers.com.

The Board of Trustees met June 3rd at Mark Chomyn's house. Look for the Board minutes in this ET.

That's a wrap for now.

Remember: "In times like these it helps to recall there have always been times like these"
-Paul Harvey



SAN DIEGO ORBITEERS BOARD OF TRUSTEES MEETING

June 3, 2015 Held at the Chomyn residence in Encinitas, California

After everyone finished a delicious dinner including Teriyaki chicken, the meeting was called to order at 7:31 p.m. by Chairman Don Bartick. Don noted that Mike Jester would serve as temporary acting Secretary due to John Merrill's absence. Mark Chomyn, John Hutchison, and Mike Pykelny were also present, providing a quorum of five trustees.

Minutes of the last meeting were approved unanimously with no comments or changes.

Treasurer's Report: The April - June 2015 Treasurer's Report was unanimously approved for publication.

Membership Report: The enticement of several potential new members was discussed, including Nick Panousis and William Scott.

Old Business

Website: The club's impressive new website is up and running. Many thanks are owed to Kathy McLaughlin for her hard work and expertise.

Membership Campaign: John Hutchison said that William Scott has come up with the best price for printing a club brochure. Comments were made indicating that booths at local air shows are too expensive and that people often line up wanting to sign up for "free flights." Kathy McLaughlin indicated that she may try to hand out brochures at the Flying Leatherneck Aviation Museum at the Miramar Marine Corps air base. There was discussion of getting the link to the Orbiteers web site published in various places including the AMA web site

Recommendation for 1 additional Board Member:

Member: Don noted that the club is still looking for another trustee to fill the current vacancy. John noted that the Canadian gentleman who has recently come to Otay and Grossmont may be a possibility. Don said we will continue to bring up this item until a seventh board member is found.

New Business:

Otay Mesa Flying Field: Don contacted Dan Berkus at Paragon Management Company, LLC in La Jolla, the entity that manages the 165 acres (parcel No. 648-070) near the U.S. - Mexico border in Otay Mesa (off Alta Road) that has served as the club's outdoor flying field for at least twenty years. It covers approximately $\frac{1}{4}$ of a square mile. Dan has been the long-time manager of the property. He remembered our club and its prior lease. While he was sympathetic with the club's plight, he indicated that the new owners are vigorously enforcing their NO TRESPASS prohibition with respect to their property. The owners are trying to get the property ready for sale. The asking price is \$6.4 million. They will not try to stop the military parachute exercises because they don't want to take on the Federal Government. Therefore, Don said that, effective immediately, the club can no longer fly at its old Otay Mesa field. Much discussion ensued about alternative outdoor flying sites. Mike Pykelny has researched parcels surrounding the old Otay Mesa

site and efforts will continue to find an alternative outdoor flying site in San Diego using GOOGLE EARTH and other tools. John suggested that the Santee dump may be suitable.

John noted that the club had enjoyed many good years of flying at its Otay field. Several trustees noted that a third border crossing and an extension of the 905 freeway were due to end flying there in any event.

Don will contact an officer of the SCAMPS club to see about holding the upcoming Orbiteers contests on June 14 and July 4 at their Perris, California field, and to see if this could be a long term solution. Kevin Sherman is the Secretary of SCAMPS. Dan Heinrich is the President of SCAMPS. Ted Firster is also in the hierarchy. Mark said that he would need to get new sanctions for these contests from Jamie Corn at the AMA office in Muncie, Indiana, because of the new venue.

Mike Jester recommended that the Orbiteers web site be modified to remove the location of the old Otay Mesa flying site. Don indicated that he will have Howard Haupt make an announcement that the Orbiteers can no longer fly at the Otay Mesa field off of Alta Road. Presumably this will be in the next edition of the El Torbellino newsletter.

Other New Business:

John has secured the large gym at Grossmont JC as the club's indoor flying site for the next six months. The next indoor contest will be held on June 7 and the events will be Catapult Glider and Embryo.

John noted that E-20 has been approved by the AMA as a provisional event. It was unanimously agreed that these aircraft can be flown in the club's monthly outdoor power event.

Mike Jester raised a concern about simultaneous flying of gliders and rubber powered aircraft at the Grossmont JC gym and suggested limiting the flying window for gliders. Others indicated that unless collisions become a problem, this is not necessary.

In response to Mike Jester's inquiry, it was confirmed that the club's periodic outdoor OT/Nostalgia Rubber event is limited to date-qualifying designs that do not exceed 150 square inches of wing area.

Schedule Next Board Meeting: Don suggested that we no longer ask for volunteers and that the club instead adopt a permanent rotation. It was unanimously agreed that the rotation would be as follows:

Pykelny
Bartick
Jester
Hutchison
Merrill
Chomyn

If a trustee cannot accommodate his turn, he can switch with another trustee. The next Board of Trustees meeting was scheduled for September 9, 2015 at Mike Pykelny's residence.

Contest Reports: Don said the Dual Clubs contest at Lost Hills on May 16 and 17, 2015 was a great success. He recounted details of the contest. A full report will no doubt appear in the President's page in the next edition of the El Torbellino newsletter. Don indicated a desire to extend the John Oldenkamp HOT BOX P-30 memorial contest for another two years.

Open Discussion: Don reiterated the new entry fees for the club's outdoor contest: \$5 and \$3. The distribution formula remains the same, but the excess that is collected goes to the general treasury of the club. For example, \$18 was contributed to the club's finances from the entry fees collected at the April 2015 monthly contest.

Mike Jester said he and his wife, Dorothy, will be in Europe for three weeks so he will miss the club's next two outdoor contests.

World record holder Stan Buddenbohm will be flying in the glider event at Grossmont JC on June 7. Anyone interested in seeing how an expert flies catapult launched gliders should attend. There was some discussion of the rules for the launch handle for indoor versus outdoor CLG.

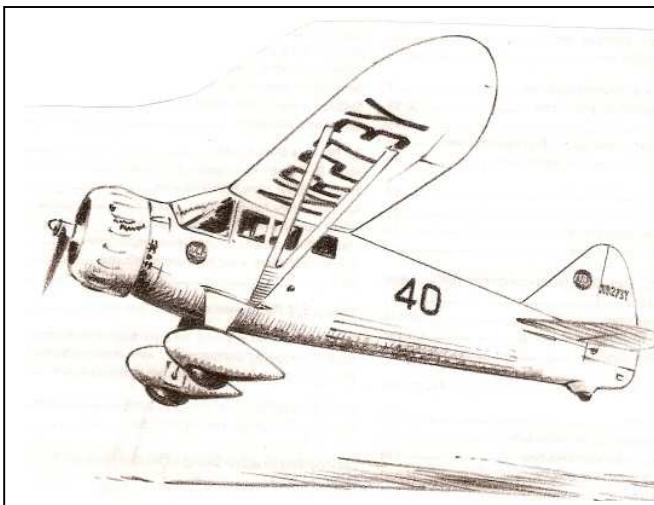
Good of the Order: Kathy McLaughlin has been selected to the prestigious "50 To Watch List" for her photographs. A catalog featuring her photos was sent out to 4,000 museums.

Her cartoon images will be displayed at the Studio Door gallery in North Park. She will also have an artwork exhibition at the La Mesa Library in July. Kathy also won honorable mention for short fiction in the International Magazine Writer's Digest. Keep up the good work Kathy, we understand why you don't have time to build another P-30.

Don and Arline Bartick anxiously await the ruling on their Merlot and Cabernet Franc entries in the wine competition at the San Diego County Fair. They have entered 8 bottles and their Ramona winery is one of 300 contestants. Don shared some agricultural tips regarding the proper tending of grape vines, including the use of boron, which Mike Jester thought was only used in F1D.

Adjournment: The meeting was adjourned at 9:30 p.m. at which time several trustees were given a tour of Mark's impressive model airplane hangar and production facilities.

Respectfully submitted by Mike Jester, temporary acting Secretary.





BOARD OF TRUSTEES

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Safety Officer & Field Marshall

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ORBITEERS MEMBERSHIP DUES

Annual Membership - \$20
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

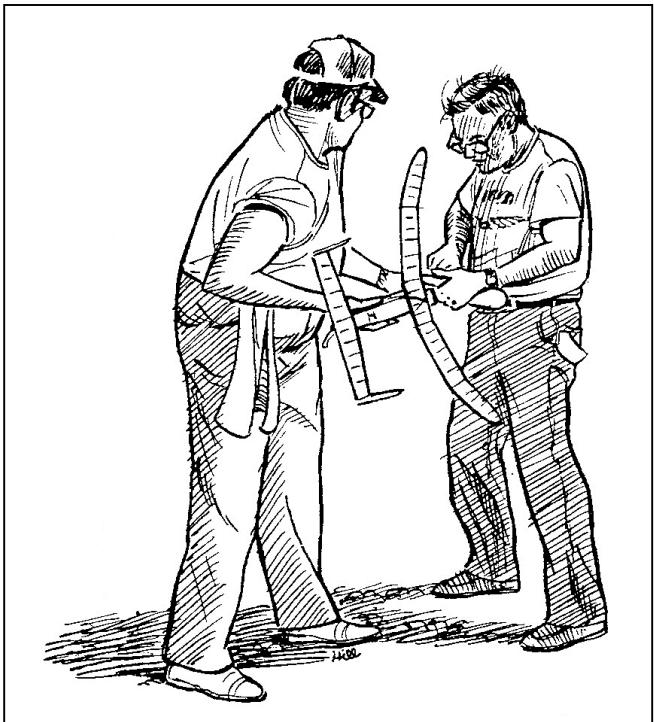
THE FINE PRINT **THE FINE PRINT**

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

Webmaster: Kathy McLaughlin



2015 ORBITEER FLYING SCHEDULE

- June 28 - **Coupe**
Power & Glider
- July 4 - Walt Mooney Annual Scale Contest*
- July 19 - **P-30**
Power & Glider
(July 26TH rain date)
- Aug 16 - **Old Time Nostalgia Rubber**
Power & Glider
(Aug. 30TH rain date)
- Aug 22/23 Scale Staffel FAC Scale Contest*
(2 of 3)
- Sept 21 - **Coupe**
Power & Glider
(No rain date)
- Sept US FF Championships, Lost Hills*
- Oct 18 - **P-30**
Power & Glider
(Oct. 25TH rain date)
- Oct 21/25 WESTFAC V, Buckeye Az.*
Scale Staffel FAC Scale Contest*
(3 of 3)
- Oct ??/? SW FAI Champs, Boulder City, NV*
- Nov 16 - **Old Time Nostalgia Rubber**
Power & Glider
(No rain date)
- Dec 13 - Coupe
Power & Glider
(No rain date)

* Non-Club Points Event

2015 INDOOR FLYING SCHEDULE

- July 5 - A-6, Phantom Flash*
- Aug 2 - Penny Plane, No-Cal*
- Sept 6 - Catapult Glider, Embryo*

*Non-ORBITEER Points Event

JUNE 2015 INDOOR RESULTS

Event: <u>Catapult Launch Glider (7 entries)</u>		Airplane	(Best two of nine)									TOTAL	PLACE
CONTESTANT'S FULL NAME			1	2	3	4	5	6	7	8	9		
Stan Buddenbohm			10	25	26	26	26	28	11	13	33	61	1
Greg Hutchison		21	20 a	9	10	12	19 b	21				42	2
John Hutchison		15	17	18	17	17	20 a	21				3	
Don Bartick		18	18	20	18	18	18	19 b				4	
Mike Lester		17	16	16	16	12	15	17				5	
Richard Wood		14	1	13	12	15	17	17				6	
Larry Miller		12				2	3	3	27	24	7		

tie was broken by looking at the next highest time both had 20s, Greg had a 19 John did not



NOTICE OF CHANGES - M.Chomyn

Hello Flyers –

The date for next Orbiteer's monthly outdoor contest has been changed from Sunday June 14TH to Sunday June 28TH 2015.

As many of you already know, the new owner of our Otay flying site is not allowing us on the property. As a short term (we hope) solution to this problem we have gotten permission to fly at the SCAMPS field in Perris CA. Those of you who are also in Flying Aces are familiar with the site. For those not familiar with the field location go to the SCAMPS website at <http://scamps.homestead.com>

The move to the Perris site for the June 28TH and July 19TH contests (and the 4TH of July Mooney) is being looked at as a "short term" solution. It's the hope of the club that we can find another land owner at Otay who would be open to allowing our use. We'll keep you posted on how that goes and we'll take suggestions from and all about potential sites you might know of.

Flying on June 28TH starts at 8 AM and goes to noon. Events will be Coupe, Power and Glider (hand launch or catapult).

Good Luck to All - Mark Chomyn

P.S. - I'll send another reminder to all when we get closer to June 28TH.

CELL PHONES & THE BORDER - M.Pykelny

Beware using your cell phone at the Otay Mesa flying field. (Ed: If we can arrange to fly there in the future.) Both Linda (Team Mobile) and I (Verison) were charged for International calls when we used our phones at the field. Both companies said we were picked up by cell towers in Mexico.

FROM THE WORKSHOP - H.Haupt

Frank Allen notes that he has finally finished his Comet J-4 Coupe as shown below:



Mother Goose & Grimm by Mike Peters

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FROM THE WORK SHOP – H.Haupt

(Continued from previous page)

Roger Willis shares photos of German Arado WW II model built by Bob Hode's of the FAC Vulture Squadron - Las Vegas.



Additional pictures from Frank Allen showing a Jetco Thermic 36, and building board.



Rubber Motor Lubes by Mike Jester -

June 2015

We all know that you need to lubricate rubber motors to keep them from chafing and breaking prematurely as you begin to put in lots of winds.

Many types of materials have been used as a rubber motor lubricant ("lube") in the past such as liquid soap and glycerin. Some old time fliers swear by castor oil. Currently most fliers in the rubber powered free flight world, both indoor and outdoor, use some form of silicone lube. Middle school and high school students that compete in the Science Olympiad Wright Stuff event often use Armor All® protectant with good results.

The favorite rubber motor lube used by members of the San Diego Orbiteers free flight club appears to be DOW CORNING Molykote® 33 extreme low temperature silicone bearing grease. It is a pink colored material dispensed from a tube. This lube has rightly been championed by John Hutchison for many years DOW CORNING 33, as it is most frequently called, seems to be absorbed into the rubber and relatively little gets onto the inside of the fuselage. Other lubes often build up on the inside of the fuselage to a greater degree over time. This weakens balsa formers, longerons and stringers and causes tissue to sag. DOW CORNING 33 is less expensive if purchased in a large tube.

It is hard to tell if any particular rubber motor lube allows for higher winds or otherwise improves performance because it is allegedly more slippery. The main thing to look out for in a potential rubber motor lube is the presence of petroleum distillates as they might degrade the rubber either immediately, or, over time. For example, 3-IN-ONE® multi-purpose oil and WD-40® lubricant would be inappropriate for lubricating rubber motors for free flight. Be careful using liquid soaps. They may contain alcohol that could damage the rubber.

Most fliers seem to manually massage the lube onto their rubber motors at the field, just prior to flying. I have heard a recommendation that rubber motors should be lubricated when they are made up, at home, to dispense with the hassle and mess of lubricating motors at the field, especially during a contest. I am concerned that lubricating rubber motors ahead of time might result in less performance, although I have no technical basis or anecdotal evidence to support this fear. I generally make up 9.8 gram P-30 and Coupe motors at home, and then lubricate them individually with DOW CORNING 33 at the field, just before flying. I am confident that all of my lubricated motors are still under the 10 gram weight limit.

I got tired of getting DOW CORNING 33 lube all over my hands, and then wondering how much was getting onto my hotdogs and chips after an outdoor contest. I began wearing blue nitrile gloves while lubricating at the field. Then I would sometimes forget to remove the gloves before launching my airplane, as shown in this picture. The primary result of wearing these gloves is lots of ribbing by other fliers. Worse, when I forgot to take off the gloves before handling an airplane, lube gets transferred to the tissue. I need to think about all the consequences of my actions and inactions. At least I usually remember to take off the gloves before eating so my food is not contaminated.



DISCOUNT HOBBY WAREHOUSE
 Your Complete Hobby Source.....

FATHERS DAY SWAP MEET

When: June 21 2015
 Where: Parking Lot Discount Hobby
 Time: 7:00am to 12:00 noon
 Special in-store promos 8:00 to Noon Only
 Sellers, \$5.00 per space bring your own table if needed

7644 Clairemont Mesa Blvd San Diego 858 560-9633



Results of the Dual Clubs Free Flight Bonanza

A National Cup Event

May 16-17, 2015

LOST HILLS, CA

Don A. Bartick, San Diego Orbiteers, Event Coordinator

Don Bartick, San Diego Orbiteers, Contest Director

Doss Porter., Fresno GMC, Contest Director

The Dual Club Free Flight Bonanza is the joint annuals for the San Diego Orbiteers and Fresno Gas Model Clubs. This was the 57th and 76th annuals respectively for the clubs. Having dual club participation in waning attendance significantly reduces the overhead to put on a successful event. It has worked well over the past 14 years. We had fantastic weather throughout the contest including the day before used for practice. Temperature on the field went from the mid 50's to mid 80's for each of the 2 contest days.

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. Leftover ice cream and condiments are giving to the local Lost Hills Fire Department. The tradition of having a Saturday night potluck feast again went off very well. The participation was up considerably this year. Dan Heinrich, is the organizer and the main course sirloin hamburgers and hotdogs were grilled to perfection. Participants are asked to bring a side dish or desert. There was no end to the food.

We planned for an attendance of 35 and had 34. Would have been larger, but a couple flyers had accidents practicing at their home fields the week before. Also, the weather predictions tend to affect folk's decisions. It is costly to go to these events and you want to make the right call. In our case the weather predictions were very favorable, but the skies during the week preceding the contest were stormy. Fortunately, Mother Nature has been looking out for Free Flight. It's been several years since we had to postpone our event. There seems to be a few new comers to the hobby. Also, we're seeing transplants from other parts of the country and world. Maybe the hobby still has some life. Sure hope so.

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 (up to 3). Don't know of anyone that went away empty handed.

Special thanks to wife Arline, who spent a lot of time at the CD table registering folks and recording times. She was assisted at times by Linda Piazza. Thank you Linda for your time. This gave me an opportunity to participate in the competition. Arline also handled the camera duty. Her shots from 100 feet away came out great.

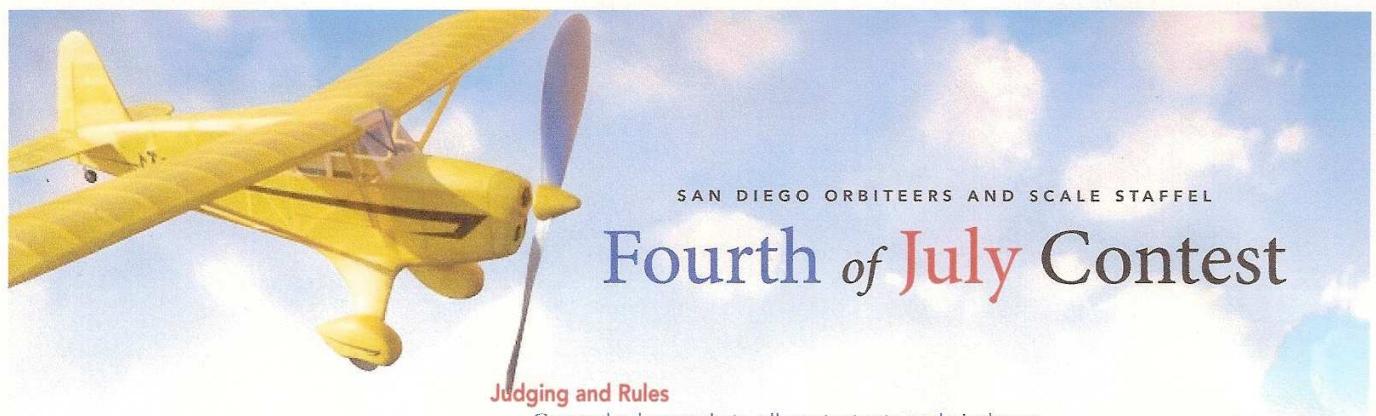
Special thanks to Orbiteers for sponsoring the John Oldenkamp Memorial P-30 event. This event was for John's Hot Box design and had \$150 in cash awards.

Thirty (32) senior/open and 2 junior flyers registered for the meet. These flyers participated in 99 events. We had 4 separate events for the juniors. This year, we provided 6 X 8" rectangular plaques made of maple 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 events this year was A gas and C/D Gas. Both had 8 flyers slugging it out in the event with Jerry Hull taking the gold in A gas and Terry Ellington in C/D gas. Also, to be noticed is the participation in A Nostalgia. We had 7 flyers going for it with Jerry hull taking the gold.

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

<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 MASS LAUNCH (3)			P-30 (2)			1/2A Gas (6)		
1	Stan Buddenbohn	142	1	Paul Masterson	864	1	Terry Kerger	487
2	Don Bartick	140	2	David Martin	57	2	Bob Scully	470
3	Doss Porter	67				3	Matt Kruse	438
A Gas (8)			B Gas (4)			C/D Gas (8)		
1	Jerry Hull	865	1	Terry Thorkildsen	975	1	Terry Ellington	879
2	Ron Thomas	839	2	Mark Eddingfield	533	2	Ken Kaiser	634
3	Bob Scully	641	3	Jerry Hull	494	3	Jeff Carman	538
Night Gas (2)			Catapult Glider (3)			Catapult Glider Jr. (2)		
1	Mark Eddingfield	180*	1	Stan Buddenbohn	443	1	Mason Mayer	70
2	Jeff Carman	180	2	Lee Hines	293	2	Triston Mayer	57
* Won by default			3	Doug Mayer	110			
John Oldenkamp Memorial Hot Box P-30 (4)			F1Q/A/B Electric Comb. (2)			E-36 Electric (2)		
1	Mike Pykelny	510	1	Stan Buddenbohn	600	1	Ralph Ray	742
2	Paul Masterson	340	2	Ralph Ray	411	2	Lee Hines	587
3	Stan Buddenbohn	339						
F1G Coupe (2)			Early ½ A Nostalgia (1)			½ A Nostalgia (4)		
1	Mike Pykelny	521	1	Glen Schneider	672	1	Glen Schneider	1080
2	Paul Masterson	75				2	Eric Strengell	720
						3	Don McNamee	516
A Nostalgia (7)			B Nostalgia (2)			C Nostalgia (3)		
1	Jerry Hull	838	1	Don McNamee	823	1	Ron Thomas	674
2	Don Kaiser	713	1	Ron Thomas	720	2	Glen Schneider	673
3	Don McNamee	603				3	Don Macnamee	650
NOS Rubber/Wakefield (2)			½ A Classic Power (1)			½ ATexaco (1)		
1	Paul Masterson	780	1	Matt Kruse	480	1	Al Heinrich	10:52
2	Doss Porter	120						
Texaco (4)			SM. OT Rubber Cabin (1)			SM. OT Rubber Stick (2)		
1	Jeff Carman	34:59	1	Mike Mayea	720	1	Mike Mayea	780
2	Brad LeVine	23:19				2	Mike Pykelny	394
3	Dick Nelson	14:08						
LG. OT Rubber Stick (2)			OT A Pylon (1)			OT A Fuselage (1)		
1	Mike Mayea	465	1	Dick Nelson	505	1	Dik Nelson	540
2	Dan Heinrich	20	2	Phil Ronney	328			
			3	Jeff Carman	309			
OT B/C Fuselage (1)			OT .02 Replica (1)			FAI Vintage Power (4)		
1	Dick Nelson	540	1	Dave Martin	378	1	Glen Schneider	900
						2	Don Kaiser	893
						3	Phil Ronney	849
Twin Pusher Mass Launch (2)			Gollywock Mass Launch (2)			Bill Booth Sr. Memorial (6)		
1	Dan Heinrich	179	1	Mike Mayea	148	1	Dick Nelson	540
2	Doss Porter	131	2	Doss Porter	11	2	Eric Strengell	493
						3	Jeff Carman	437



SAN DIEGO ORBITEERS AND SCALE STAFFEL

Fourth of July Contest

Judging and Rules

General rules apply to all contestants and airplanes
All contestants MUST wear a real tie! (no paper, fake, clip on ties) No exceptions!
All models MUST have an American flag attached! No exceptions!
Awards to third place in all categories
Contest director to determine categories

Peanut Scale Rules, \$100 for first place

Peanut Scale is open to any design
Peanut plans must be presented with model
Walter Mooney style judging
Total of three flights, flight => 20 seconds

Bostonian Rules

Hand launch flights
Total of three flights, flight => 20 seconds

Embryo Endurance Rules

Walt Mooney style judging
FAC bonus points: 1 point for 3-dimensional exhaust, 3 points for 3-dimensional wheel pants, 5 points for windshield or windscreens.
Maximum of 9 points.
Total of three flights, flight => 20 seconds

2x Peanut Scale Rules, \$100 for first place

2x Peanut Scale must be a Walter Mooney design only
Wing span must be twice the published wing span
Plans must be presented with the model
Rubber power only
Walt Mooney style judging
Ineligible models: Ford Centennial, Ford FBA-2A, and Aeronca Defender

Scale Judging

"Mooney" judging rules will be used. Considering all factors including FAC bonus points, judge will rank all planes in each category from first to last, scoring them as 1 for first place, 2 for second place and so on.

Flight Scoring

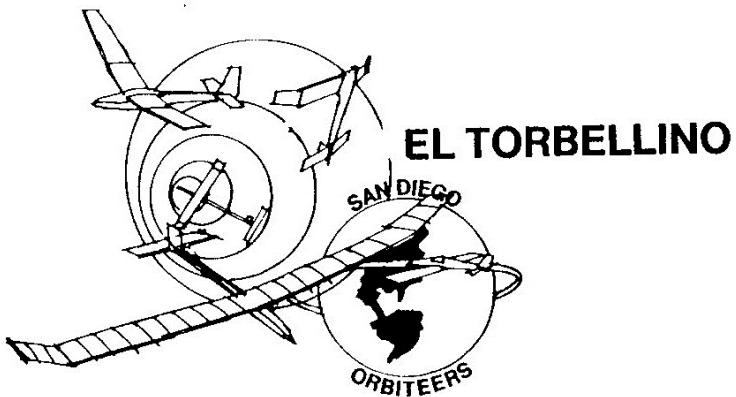
Flight scoring will be the combined time from the three official flights (> 20 seconds)
hand launched attempts. Max individual flight time: 120 seconds.
Flyers will be placed in rank order (1,2, etc) from first to last place based on decreasing average flight scores, from max to min.

Total Scoring

Total scoring for each entry will be the sum of its "scale" and "flight" places.
The lowest total wins first place, second lowest wins second place and so on.



SAN DIEGO ORBITEERS
Howard L. Haupt / Editor
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WHAT'S HAPPENING - JUNE / JULY 2015

June 28 **Orbiteer Outdoor Monthly,**
SCAMPS Field, Perris CA., 8:00 am.
Feature Event: **P-30** Other Events: **Power & Glider**

=====

July 4 - **Walt Mooney Memorial Annual Scale Contest,**
SCAMPS Field, Perris CA., 8:00 am.
(See enclosed contest flyer for details)

July 5 - **Indoor Flying,**
Grossmont College (Upper Gym), 7:30 am to 11:30 am.
Feature Event: **A-6** Other Events: **Phantom Flash***

July 19 **Orbiteer Outdoor Monthly,**
SCAMPS Field, Perris CA., 8:00 am.
Feature Event: **P-30** Other Events: **Power & Glider**