

EL TORBELLINO

NEWSLETTER OF SAN DIEGO ORBITEERS FREE FLIGHT CLUB



DECEMBER 2023



- John Hutchison -

Chairman's Corner – Mark Chomyn

This month's column is hard for me to write. The words do not come easy. As some may know Orbiteer member and long time Scale Staffel president John Hutchison has caught his final thermal. John left us over the Thanksgiving holiday and news of his parting for me was a shock as he seemed to be in good spirits when I saw him at our September board meeting. John built beautiful models that looked as good as they flew as was exhibited by his award of the Flying Aces Blue Max and many monthly and year end awards and trophies from the Orbiteers. John was a highly skilled builder and competitive flyer, yet he always had time to assist those of us who were having problems with our planes.

No matter who the club member or guest was, he was always interested in seeing their newly built planes at the flying field. It went like this. "What's that you got (insert name). Bring it over so I can get a look at it." John would start by saying, "That's a cutie." Then, taking it in his hands he would eye it carefully for alignments and provide feedback if he saw anything askew. "How's it flying?" Then you'd do a hand wound test flight while John observed. After the test John might offer... "You might need, nose weight, downthrust, right thrust, right rudder, check your stab tilt, try a shim under the stab." He had a knack for taming a temperamental plane. He did this though the plane he helped you sort out might eventually outfly his. He was competitive but enjoyed seeing others do their best. He will be missed. Our sincere condolences go out to his wife Kathy, his son Greg who is also an Orbiteer and their extended family.

Our December 17 make-up contest is the last chance to pick up points for the 2023 award season. Be on alert for an email or other announcement of the feature event (P-30, Coupe or OT/Nostalgia) for that date. I'm bringing along my Guillows Arrow for some fun flying. It's the perfect plane for Xmas holiday flying with its green fuselage and rudder with a red wing and stab. For a Guillows kit, it builds up to be a very consistent flyer. I think if built light enough and without landing gear, it might even compete in P-30.

We had a good turnout for our November P-30 event with eight flyers competing for the top prize. The first flight in the P-30 event was a mass launch the time for which counted as a flier's first flight. Great to see all those P-30s in fast climb. We had quite a few junior flyers on the field competing in glider events. Some of the older juniors were flying gliders a lot more sophisticated than I would be able to build and fly. Great to see those young fliers out there. Gives me hope that the flame of free flight will continue burning into the future.

On November 29, several Orbiteers volunteered to time the AMA Alpha flights of Gary Fogel's SDSU Aeronautical Engineering (AE123) students. Students were divided into groups of 20 for up to six rounds of timed flights. Flying action was fast and furious, with up to ten or more planes in the air at one time. Timers needed to keep a keen eye on their designated flyer. I know because I was there and had a ball as a timer watching the students fly and cheering for their classmates as they launched. Some flyers in my group were getting into the 30 to 40 second range. May not sound impressive but for beginners that's not bad. My take on the AMA Alpha is that it's easy to build but not as good a performer as the old AMA Delta Dart which I have built and flown and found to be a reliable flyer but maybe a more difficult build for a rank beginner. I hope the students had as good a time flying their Alphas as I had timing and watching. At the conclusion of the event students had the option to turn in their planes and timers that would then be used by students in Ronny Espolt's junior flying classes as preparation for Science Olympiad competition. As I turned in my timer's sheet, I saw the donated planes and winders in cardboard boxes. Based on what I saw, it looked like Ronny would be getting a good inventory.

Regarding the topic of what you don't know may confuse you. I recently read Vance Gilbert's musings in the Nov-Dec 2023 Flying Aces Club News. His musings on the sesquiplane caught my interest. Why? I did not know that my Nieuport 17 was NOT a biplane. It is according to definition a sesquiplane. What is a sesquiplane you ask, it's a plane whose lower wing is less than 50% of the area of its main (upper wing). So, does this mean I'm unable to fly in WWI mass launches because I don't have a biplane? Vance muses... "If you have to struggle to figure out if it's a biplane- IT'S NOT A BIPLANE". No struggle here. My Nieuport is a biplane. I don't care if the lower wing looks a little smaller.

We're coming up on year 2024 and our annual banquet in January. Keep your eye on email and the El Torbellino for details. As usual there will be a raffle and attendees are encouraged to bring along new or gently used modelling items (kit, book, etc.) for the raffle. As in the past both clubs, the Orbiteers and Scale Staffel will contribute matching funds for some great prizes. The raffle is not limited to club members, so come one, come all and bring the whole family. Good food, great company and swag (prizes) that will make your eyes as big as saucers!

I hope that you and yours have a Merry Xmas and a Happy New Year!
Happy Holidays
Mark

"- we're trying to get a population of new folks to inspiringly glue little sticks together when they could just as easily cue up and watch their favorite TV show on a 3" x 3" screen while walking down the street. We're at war.

Vance Gilbert on the state of our hobby, Nov-Dec 2023 Flying Aces Club News



- John Hutchison -

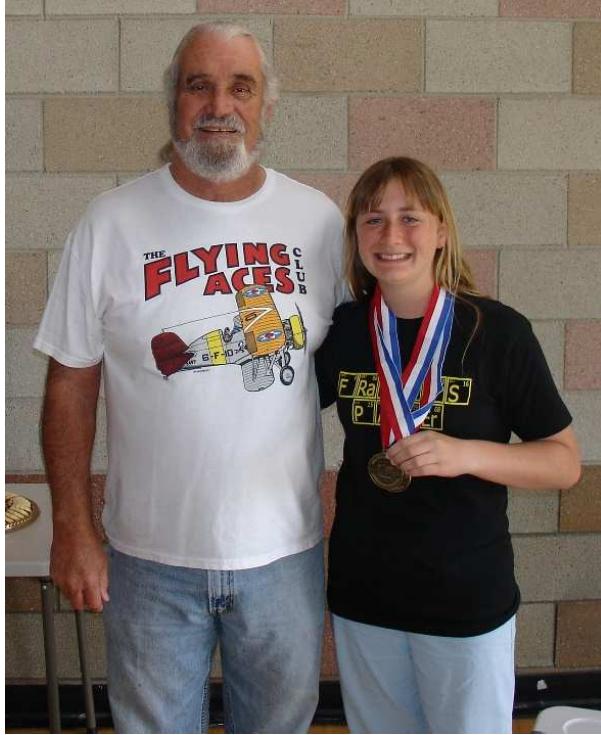
In Memory of John Hutchison

By Mike Jester

On November 23, 2023, Thanksgiving Day, John Hutchison passed away peacefully at his San Diego home with his wife, Kathy, and his family at his side. He was a 2012 inductee into the FAC Hall of Fame. John had been battling some serious health issues for several years. Our hobby lost a true free flight legend when we lost "Hutch" as he was affectionately known to his friends. Starting around age ten John built and flew just about every type of model airplane imaginable but ultimately settled on free flight model airplanes as his passion. Along with Walt Mooney, John founded FAC Squadron 41, the SCALE STAFFEL SQUADRON, which was the first FAC squadron in California. John was the CO of that squadron for decades and was the CD of most of its contests, and several of the WESTFAC contests. John was the first FAC member in California to win the BLUE MAX award. He could have won many more Kanones but unselfishly served as the CD at many FAC contests, thereby giving up a tremendous amount of his own contest flying time. John was also active in the San Diego Orbiteers free flight club since at least as early as 1978. He continued building, flying, and mentoring both indoor and outdoor model airplane events for the next 45 years. John could build, trim, and fly any model well, but his favorite event was FAC Rubber Scale. He was always available to give advice and materials to anyone in our hobby. I personally met John in 2002 when, as coach of my daughter's Science Olympiad Wright Stuff team, we sought assistance from the Orbiteers club. With John's expert advice, she won several gold medals in the Wright Stuff event at regional and state Science Olympiad competitions.

John launching a scale model at
Grosmount College indoor flying site →



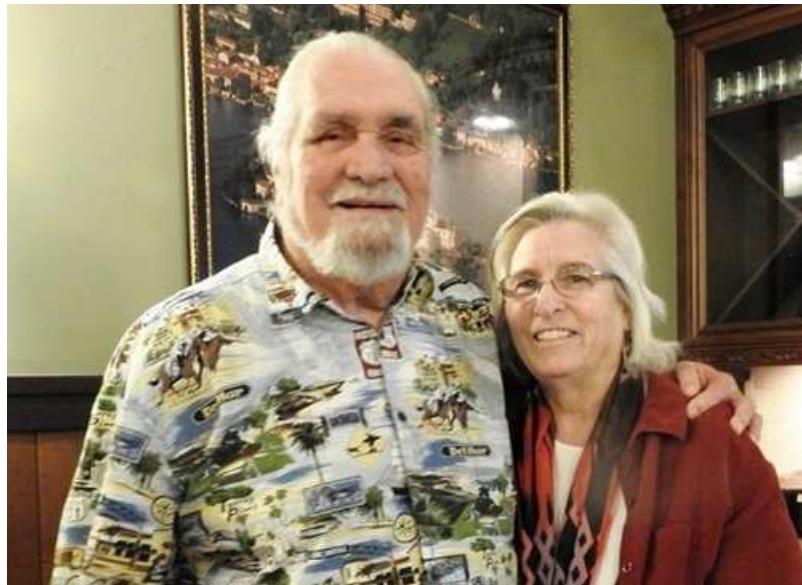


John Hutchison & Julie Jester Wearing Her Science Olympiad Gold Medals

A great deal of what I know about building and flying free flight airplanes is attributable to John's fantastic mentoring. He worked tirelessly to promote free flight, teaching hundreds of new model builders, both students and adults, how to build, trim, and improve the flight performance of their models. Many of these individuals became very competitive fliers and many more reaped the enjoyment of participation in the free flight hobby. *Thermals Hutch*



John Hutchison and His FAC Rubber Scale Mitsubishi Zero



John with Kathy

To my good friend John Hutchison - Don Bartick

In 1980, I joined the San Diego Orbiteers and this was when I met John. He, along with so many great Orbiteers that have now completed their journey. In thinking back 43 years about John, I can summarize him as a gentle-man. Always prepared to give a helping hand or answer questions relevant to our hobby. He had many interests throughout his life that he shared. Not only Free Flight, but race cars, hot rods and of all things carriage competition (Dressage) that he and Kathy participated in over many years. All of these endeavors were achieved with the upmost of excellence. That is how I've always thought of John. He went the extra mile. Not many of us do, but certainly a good example to follow.

Unfortunately, John wasn't dealt a very good hand when it came to his health. But that didn't hold him back one bit. He built outstanding competitive models that earned him many 1st place awards over the years. I believe his favorite model activity was scale. Hence, the formation of the San Diego Scale Staffels club and Flying Aces Squadron 41. He resided as President of the club from the get-go till earlier this year. He was the recipient of the distinguish FAC Blue Max award for reaching 16 kills (1st Places) in competition. If I'm not mistaking, the first one on the West Coast to receive the award. He's also, in the FAC Hall of Fame. Wow, that's a star to hang your hat on.

So many more examples I could elaborate on, but I think you got the idea of who this man was to all of us. For Arline and I, we will miss a wonderful friendship. Good bye John.



In remembrance of John Hutchison - Howard Haupt



Review of the Orbiteer newsletter archive shows John being active in the club with his son since 1978. He also earned the Orbiteer of the Year in 1978 as well. In the years 1982 thru 2000, John served the club as Vice President for many years, and was club president in 1994. During this time period John also supported the Indoor flying program, by organizing the Indoor Flying conducted after the monthly club business meetings.

John's interest in Free Flight covered the entire spectrum of Power, Non-Power, HL Glider, and Indoor.

Other areas of club support that John took on included, securing the use of the Grossmount College site for indoor flying, supporting the Science Olympiad program thru the years, and was Contest Director for numerous Monthly Outdoor Contests for the Orbiteers.

Another model airplane club that John participated in, is the Scale Staffel Flying Aces Scale model airplane club. He served as club president for as long as I can remember. When competing in Flying Aces Scale contests, you can earn 1 kanone for each confirmed contest victory. After 16 confirmed victories in contest flying you are awarded the coveted "BLUE MAX MEDAL." John was awarded the "Blue Max Medal" fairly recently for his excellence in Scale model flying.

John's support of the Orbiteers and the Scale Staffel model clubs will be missed!



John Hutchison at the Perris flying site

BOARD OF TRUSTEES



Chairman

Mark Chomyn(760) 753-7164
chomyn@roadrunner.com

Vice Chairman

John Hutchison.....(619) 303-0785
johnhutchison1@cox.net

Secretary

John Merrill(619) 449-4047
johnrmerill@yahoo.com

Treasurer (Trustee at Large)

Howard Haupt(858) 272-5656
haupt1033@att.net

Don Bartick (760) 789-3773
dbartick@4-warddesign.com

Mike Jester(775) 831-8303
michaelhjester@gmail.com

Mike Pykelny(858) 748-6235
MPykelny@dsxextreme.com

Tim Batiuk(949) 547-4644
tbatuik@gmail.com

ORBITEER TASK LEADERS

Competition Director and Score Keeper

Mike Pykelny.....(858) 748-6235
MPykelny@dsxextreme.com

Banquet and Social Activity Coordinator

Linda Piazza.....(858) 748-6235
MPykelny@dsxextreme.com

Safety Officer & Field Marshall

Open Position(xxx) xxx-xxxx
yourname@volunteer

Web Master

Kathy McLaughlin.....(619) 303-0785
kamclaughlin1@cox.net

Newsletter Editor / Membership Cordinator

Howard Haupt(858) 272-5656
haupt1033@att.net

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



CONTRIBUTORS THIS ISSUE:

Mark Chomyn
Mike Pykelny
Don Bartick



PHOTO CREDITS THIS ISSUE :

Mark Chomyn	Page 1
Mike Jester	3
Arline Bartick	6, 7

- • • • • • • • • • • • • • • •
- LAST CALL
-
- Only FOUR Orbiteer T-shirts
- left
- Large with pockets
- 3 Safety Green 1 Gray
- \$15.00 each
- • • • • • • • • • • • • • • •



ORBITEERS NOVEMBER 26TH CONTEST DAY

First at the field, having left the mountains east of San Diego at 4:30am, I arrived at 6:40am. Cool but calm, the weather that is, there was a lot to unload before flying. Others began arriving in anticipation of the P-30 mass launch scheduled for 8:30am. This was pushed back to 8:40am so that all that wanted to could participate. Mike Pykelny found that he had a broken stab mount, always something, dang, so he graciously ran the launching for this event. And a fine job he did, giving us a full minute warning, then 30 sec, and finally THREE, TWO, ONE, LAUNCH!

Eight hopeful souls, having pushed their best motors to the limit, without breaking, shoved their models upward. THE AIR WAS TERRIBLE DOWN. Even so no one crashed, most having proper climbs, a few getting fairly high. The eventual winner, Stan's ancient AirShark design, was not the highest – at first. At least 2 great P-30 fliers climbed higher by the end of their motor runs. But the AirShark was not done unwinding. It was using a printed prop, deemed legal since it was commercially available. This prop is ugly, having lots of uneven plastic. Also it seems to have ugly undercamber, and too much of it. But having arrived in the mail as a gift, the only honorable thing to do was to try it. Hmm, it may be better. It stretched Stan's normal 45 to 50 sec motor run to 65 seconds. As the highest models began gliding down, the AirShark continued climbing and those higher models lost all of their advantage. Now just a matter of glide, and the AirShark glides very well, plus trim. This AirShark had very little turn built in, and may have glided out of the worst part of the air.

What a beautiful morning for this mass launch, all participants seemed to be having a great time. Several people continued to do well in the rest of the P-30 event, maxing out on the rest of their flights.

As for hand launch glider, we all know that Tim is going to win. But this time he let someone else win, which happened to be Stan. No joke, Tim let him win. Tim spent so much time helping the kids that he had just a few minutes left to put in his third max, and no time left for a flyoff flight. This let Stan win with just a 46 sec flyoff. Others made great launches and had real chances to win. Chris Reck was back after a long layoff due to injury, and was flying very well. Some of you may remember Harrison, a young man, also back out after a year long layoff. He did not enter but was throwing gangbusters. The young star,

Continued Next Page

November Outdoor Monthly - Stan Buddenbohm (Continued)

Daniel, was throwing super high but having trouble with transition. The grip from his glove was worn out and the big TLG was slipping during his super fast spin and release.

Catapult glider had a couple of less practiced fliers enjoying such a beautiful day. I am sure that there would have been more, just not enough time. In the December contest I plan to fly E-36, it has been a long time for me. I hope a few others join me in this somewhat neglected power event.

November Outdoor Monthly - Photo's by Arline Bartick



Results of the 2023 Dual-clubs Free Flight Bonanza

A National Cup Event

November 10-12, 2022 LOST HILLS, CA

*Don Bartick, San Diego Orbiteers, Contest Director
Doss Porter., Fresno GMC Contest Official*

The Dual-Club Free Flight Bonanza is the joint annuals for the San Diego Orbiteers and Fresno Gas Model Clubs. This was the 64th and 83rd annuals respectively for the clubs. Having dual club participation in waning attendance significantly reduces the overhead cost to put on a successful event. It has worked well over the past 20 years. This is the 3rd year sharing the field with the Patterson FAI contest. It worked well last year and it again worked well this year. Even better.

Arline and I arrived on the Lost Hills field Thursday and met up with Brian Van Nest, CD of the Patterson FAI contest. We worked out the location for our contests and proceeded to set up. The weather forecast for the weekend was cool and mild wind. Turned out to be the best 3 days of FF contest weather that I've experienced in the 35 year I've been competing at Lost Hills. Bright sun, high 60's, calm to 3mph wind. A few 5mph gusts and light thermals. Very competitive conditions.

This was our inaugural 3-day event. We created a schedule that allowed the majority of the events to be flown any day, but once you started, you had to finish the same day. There were a few scheduled events; such as, Mass launches and Vintage FAI. The scheduled Friday noontime 1-hour break for lunch and the now famous Ice Cream Social during the break continues to be a favorite. Leftover ice cream and condiments are given to the local Lost Hills Fire Department. The tradition also lived on for the very well attended Saturday night Food Fest. Both special events are the courtesy of the Dual-clubs.

Overall participation was 36, broken down to 33 Sr/Open and 3 Juniors. Up from last year. Flyers outside of California came from Oregon, Utah, Nevada and Arizona. Always good to see some new faces. This is encouraging. The hobby still has life.

Special thanks to Orbiteers Arline Bartick and Linda Piazz; Fresno GMC Doss Porter, Gail Porter and Nancy Day who spent a great deal of time at the CD table registering folks, recording times and helping with the Ice Cream Social and Food Fest. This gave me an opportunity to participate in the competition. Last but not least, thank you Fresno GMC David Martin for manning the grill and SCAMP Dan Heinrich who provided shelter and electrical power for the Food Fest. I can't express more gratitude for their help. Arline also handles the camera duty. She has honed her action shots to perfection. Furthermore, she culls out individual shots of flyers and shares the pictures with them via email.

Highlight of the contest: The most contested event again this year was A/B Nostalgia with 14 entries. The Gold went to Glen Schneider (Doc) with a total of 1073 seconds, beating out Don McNamee with 1027 seconds and Randy Secor with 1006 seconds. C Nostalgia, A & B AMA gas were next with 7 each. Tristan Mayer was the top Junior with a total of 708 seconds in P-30 beating out his brother Mason and Henry Kruse. Probably the most unusual event was in the P-30 Mass Launch when 30 seconds into the mass flight, my P-30 had its prop come off. Turn out to be a Gizmo Geezer failure.

Until next year; *Don Bartick, CD Ramona, CA: dbartick@4-warddesign.com*

For the record . . .



Place	Name	Seconds	P-30 MASS LAUNCH (7)		
1	Bruce Hannah	122	1	Don Bartick	900
2	David Ives	119	2	David Ives	820
3	Glen Grell	112	3	Clint Brooks	690
½ A Gas (4)			A Gas (7)		
1	David Martin	718	1	David Martin	1923
2	Justin Martin	671	2	Guy Menanno	1260
3	Buck Murray	530	2	Bill Kelley	1260
C/D Gas Combined (6)			Catapult Glider (5)		
1	Randy Secor	848	1	Tim Batiuk	591
2	Jeff Carman	805	2	Chris Reck	255
3	Jerry Hull	525	3	Rocco Ferrario	239
Hand Launch Glider, Jr. (1)			Vintage FAI Power (6)		
1	Tristan Mayer	131	1	Bruce Hannah	1883
			2	Guy Menanno	1434
			3	Rocco Ferrario	1031
E-36(2)			Night Gas Combined (4)		
1	Jack Murphy	943	1	David Martin	540
2	Clint Brooks	688	2	Jeff Carman	536
			3	Guy Menanno	500
A/B Electric (2)			½ A Golden Age (5)		
1	Jack Murphy	810	1	John Oian	720
2	Phil Ronney	309	2	Randy Secor	634
			3	Bruce Hannah	537
A/B Nostalgia (14)			C Nostalgia (7)		
1	Glen Schneider	1073	1	Bruce Hannah	900
2	Don McNamee	1027	1	Guy Menanno	900
3	Randy Secor	1006	3	Glen Schneider	799
½ A Classic Power (3)			.020 Replica (1)		
1	Peter Pfarr	503	1	Brad LeVine	408
2	Justin Martin	394			
3	Buck Murray	365			
Full Size Texaco (1)			Classic Towline (1)		
1	Brad LeVine	5:21	1	Tim Batiuk	704
Nostalgia Rubber/Wakefield (1)			Gollywock Mass Launch (3)		
1	Glen Grell	472	1	David Ives	512
			2	Don Bartick	323
			3	Mike Mayea	212
1 Minute Target Time (1)			Bill Booth Sr. Memorial		
1	Brad LeVine	118	1	Jeff Carman	N/A



San Diego Orbiteers

Flying Schedule 2024

Taibi Field Perris, Ca

Primary Date	Rain Date	Event	CD
January 21	Jan 28	P-30/Glider/Power	
February 18	Feb 25	Coupe/Glider/Power	
March 17	March 24	OT/NOS Rubber/Glider/Power	
April 21	April 28	P-30/Glider/Power	
May 19	May 26	Coupe/Glider/Power	
June 23	June 30	OT/NOS Rubber/Glider/Power	
July 21	July 28	P-30/Glider/Power	
August 18	Aug 25	Coupe/Glider/Power	
September	(13,14,15) ?	Free Flight Champions Lost Hills	
September 22	Sept 29	OT/NOS Rubber/Glider/Power	
October 20	Oct 27	P30/Glider/Power	
November	(7,8,9,10) ?	Dual Club, Lost Hill, Ca.	
November 17	Nov 24	Coupe/Glider/Power	
December 15		Make-up	
MP 1/24			



Modeling Articles Written by Mike Jester and Published in the El Torbellino Newsletter¹

- 2014 November - *New Gollywock Build*
- 2015 January - *Laminated Balsa Props*
- 2015 May - *Hot Box P-30*
- 2015 June - *Rubber Motor Lubes*
- 2015 July - *Thermals*
- 2015 August - *Odyssey in Perris*
- 2015 September - *Braiding Rubber Motors*
- 2015 October - *Rubber Motor Torque and Torque Meters*
- 2015 November - *Gems for Building and Flying Outdoor Rubber Powered Free Flight Model Airplanes*
- 2015 December - *Wobbly Motor Pegs*
- 2016 January - *KIWI-KOOP*
- 2016 February - *Optimum Rubber Motor Weight*
- 2016 March - *G-30 Bungee Launched Glider*
- 2016 April - *Coupe d'Hiver*
- 2016 May - *Kang Lee - 2016 World F1D Champion*
- 2016 June - *P-30 HOT BOX Disaster*
- 2016 July - *Prop Pitch Gauges*
- 2016 August - *The P-30 Free Flight Outdoor Event*
- 2016 September-October - *Single Blade Propellers*
- 2016 November - *The Old Time/Nostalgia Rubber Event*
- 2016 December - *Catapult Launched Gliders*
- 2017 January - *Balsa Wood Bonanza in Hawaii*
- 2017 January - *Rolled Balsa Wood Fuselages*
- 2017 February - *Broken Rubber Motor Extractor Tool*
- 2017 March - *The Orbiteers Power Event*
- 2017 April - *Winders*
- 2017 May - *Mistakes I Have Made in the Rubber Powered Free Flight Hobby*
- 2017 June - *A Tilt Up Stab Dethermalizer*
- 2017 July - *Testing Rubber*
- 2017 August - *Outdoor Winding Stooges*
- 2017 September - *Aerodynamic Drag*
- 2017 October - *Free Wheeling Clutches for Rubber Powered Models*
- 2017 November - *P-30 Props*
- 2017 December - *The P-18 Event*
- 2017 December - *Pop-Off Wing DT for P-30*
- 2018 January - *P-18 Event - Follow Up*
- 2018 January - *Pop-Off Wing DT for P-30 Follow-Up*
- 2018 January - *Locating Lost Models with a Drone*
- 2018 February - *Balsa Wood Storage Box*
- 2018 March - *Supply Check List for Rubber Powered Free Flight Contests*
- 2018 April - *Motor Hooks for Old Time Rubber Models*
- 2018 May - *On-Board Locators*
- 2018 June - *Loading Rubber Motors When You Have No Viewing Window*
- 2018 July - *Special Notice Regarding P-18 Event*
- 2018 July - *Glues Used in Building Balsa Wood Model Airplanes*
- 2018 August - *Square Eagle P-30*
- 2018 September - *Buddenbohm Free-Wheeler Clutch*
- 2018 October - *The Gurney Flap*

¹ Copies of El Torbellino editions containing selected articles may be obtained by sending an email request to the author.

2018 November - *Origins and History of My Free Flight Hobby*
2018 December - *Blast Tubes*
2019 January - *The P-30 Event*
2019 February - *Trimming Outdoor Rubber Powered Models*
2019 March - *Eze Dope*
2019 April - *Wright Stuff - 2019*
2019 May - *Braiding Rubber Motors Versus Using a Spring Tensioner in Outdoor Models*
2019 June - *2019 AMA Indoor Nats*
2019 July - *Prop Imbalance*
2019 August - *The E-36 Event*
2019 September - *The Mulvihill Event*
2019 October - *Pitch Stability of Free Flight Rubber Powered Model Aircraft*
2019 November - *Roll Stability of Free Flight Rubber Powered Model Aircraft*
2019 December - *Yaw Stability of Free Flight Rubber Powered Model Aircraft*
2020 January - *Modifying the Guillow's SKY STREAK Beginner's Stick Model*
2020 February - *The A-6 Event*
2020 March - *The Rocket Man P-20*
2020 April - *Science Olympiad "Wrong" Stuff*
2020 May - *Optimum Rubber Motor Sizing*
2020 June - *Outdoor Free Flight Rules of Thumb*
2020 July - *Forming a Plastic Canopy Without a Vacuum Forming Machine*
2020 August - *Three Nite P-30*
2020 September - *Large K & P Winder with Counter*
2020 October - *Wally Farrell's Rules of Thumb for Building and Flying Rubber Powered Scale Models*
2020 October - *World Wide Balsa Wood Shortage*
2020 November - *Nose Block Retention*
2020 December - *MAJESTYK Coupe*
2021 January - *Majestyk Coupe - Build Report*
2021 January - *Three Nite P-30 Test Flights*
2021 February - *Building with Permanent Magnets on a Metal Building Board*
2021 March - *Guillow's Postal Contest*
2021 April - *Three Nite P-30 Laser-Cut Short Kit*
2021 May - *Guillow's Postal Contest - Second Chance*
2021 June - *Finding Your Outdoor Free Flight Model Airplane After It Lands*
2021 July - *Stab Mounting for DT*
2021 August - *Musings About My Recent Free Flight Activities*
2021 September - *P-30 Kits*
2021 October - *Science Olympiad Wright Stuff Event for 2022*
2021 November - *New Hotel Option for Contests at Perris*
2021 December - *New Beginning P-30*
2022 January - *Caudron Simoun Bostonian*
2022 February - *Jimie Allen Models*
2022 March - *Thrust Line Adjustment in Outdoor Rubber Powered Models*
2022 April - *Balsa Wood Props*
2022 May - *Balsa Wood Density and Stiffness*
2022 June - *Built-Up Fuselage Construction*
2022 July - *Sectioning Large Fuselages for Transport*
2022 August - *Simple Rubber Motor Jig*
2022 September - *Science Olympiad Flight Event for 2023*
2022 October - *Multi-Function F1B and F1G Models*
2022 November - *Rubber Musings*

2022 December - *Tying Rubber Motors*
2023 January - *Twin Vertical Stabilizers Versus a Single Vertical Stabilizer*
2023 February - *Stripping Rubber*
2023 March - *Wind Turbines Threaten Our Hobby*
2023 April - *3-D Printed Parts and Tools for Free Flight*
2023 May - *Junkers Ju-187*
2023 June - *Daniel Guo Wins First Place in Flight Event at the 2023 Science Olympiad Nationals*
2023 July - *2023 AMA Indoor Nats*
2023 August - *Smith 1941 Mulvihill Winner*
2023 September - *Hook-to-Peg Distance*
2023 October - *Airfoils*
2023 November - *WESTFAC 2023*

Orbiteers Annual Banquet

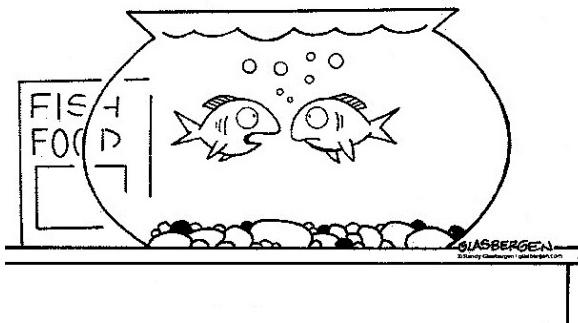
Filippis Pizza Grotto
January 20th 1-4 PM

Linda Piazza

LAST CALL

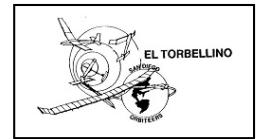
Only FOUR Orbiteer T-shirts left
Large with pockets
3 Safety Green, 1 Gray
\$15.00 each

Linda Piazza



Enough about my day, tell me about yours

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



WHAT'S HAPPENING - December 2023 / January 2024

- December 17 - San Diego Orbiteer Outdoor Monthly
Taibi Flying Field, Perris CA, 7:30 am
Events: Make-Up Events

- January 20 - San Diego Orbiteer Annual Banquet
Filppis Pizza Grotto, 1 – 4 PM

- January 21 - San Diego Orbiteer Outdoor Monthly
Taibi Flying Field, Perris CA, 7:30 am
Events: P-30 / Glider / Power