

EL TORBELLINO

NEWSLETTER OF SAN DIEGO ORBITEERS FREE FLIGHT CLUB

FEBRUARY 2017



The Prez's Corner – Don Bartick

January was not good month for me or Arline as we each had family members pass away. As result, we had to miss the Southwest Regionals. We understand that the event was well attended, but the weather did cause some problems through the weekend.

Other then missing the Regionals, my time was taken up coaching the 2 teams of middle school students participating in the Science Olympiad Wright Stuff event. What great kids. All of them are looking forward to careers in technical fields. They successfully built their planes based on the design I created to meet the specifications and had opportunity to test fly their planes at the Ramona Performing Art Center during the month. I believe they all learned a lot and have enjoyed their free flight experience. Look for pictures of the students somewhere in the ET. Several of the parents and grandparents that attending the students building and flying sessions have shown interest in the hobby. Never can tell, maybe there is a future Orbiteer in the mix as in the case with Natty Dakshinamurthy and his Science Olympiad son who just joined the club. Look for them at the February indoor contest.

The January rains, although good for the draught, wasn't good for outdoor flying. The Perris field is still un-flyable with major puddles as of the end of January. Maybe it will be dried out by time of February outdoor contest.

I would like to thank Mark Chomyn for putting on once again an outstanding Awards Luncheon. Thank you to all the folks that contributed. The venue was in a different spot within the restaurant, but worked out well. The

raffle prizes were great. Pictures of the event will be found somewhere in this issue.

On the contest scene, the fabulous February events at Lost Hills will commence with the Isaacson Winter Classic February 11-13. Although it is the start of a weeklong series of FAI contests, the Isaacson has a full spectrum of AMA and NFFS events. In fact this year, there will be a special event with a \$1000 prize for the most maxes in these 2 minutes classes: P-30, all CLG, all HLG and E-36. I am looking forward to competing for this prize. The event is sponsored by Bill Vanderbeek. In fact, I have just completed a new High Tail 30 to compete in this event.. Look for a picture of the plane somewhere in the ET. That's a wrap for now.

Remember: "There's always an opportunity to make a difference."

-Michael Dell



High Tail P-30 by Don Bartick



High Tail P-30 by Don Bartick



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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

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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

NEWS FROM STARLINK FLIGHTTECH MODELS

Mike Pykelny reported that an item he carries, which was out of stock, is now available again.

Badge and Button Timers are available again. Discount when you order three. Starlink Flighttech Models.

NOTE: Pictures in this issue were taken and provided by **Arline Bartick**, except where otherwise foot noted.



2017 Annual Banquet

Saturday, January 21, 2017

22 people were in attendance, a good turnout. All enjoyed pizza, lasagna, fettuccine Alfredo, garlic bread, salad, and drinks. Thank you to Mark Chomyn, as he made all the arrangements with the restaurant, and did a wonderful job rounding up a wonderful variety of items for the drawing.

President Don Bartick gave out all of the awards. The results of last year's events have been published, but here is an overview:



Richard Wood – Catapult Glider Champion



Mike Jester – PP Champion



John Hutchison – 2016 Indoor Champion

Indoor:

A-6:	3 rd Richard Wood.	2 nd C.M. Kim.	1 st Greg Hutchison
Penny Plane:	3 rd Greg Hutchison,	2 nd John Hutchison,	1 st Mike Jester
Catapult Glider:	3 rd Don Bartick,	2 nd John Hutchison,	1 st Richard Wood

Overall Indoor Perpetual Trophy: John Hutchison



Mike Pykelny
2016 Power Champion



Mark Chomyn
2016 OT Champion



**Greg Hutchison - Coupe/Glider/P30 Champion
& 2016 Orbiteer of the Year**

Outdoor:

P-30:	3 rd Mike Jester,	2 nd Don Bartick,	1 st Greg Hutchison
Nostalgia/OT Rubber:	3 rd Don Bartick,	2 nd Mike Pykelny,	1 st Mark Chomyn
Coupe:	3 rd John Hutchison,	2 nd Mike Jester,	1 st Greg Hutchison
Power:	3 rd N/A,	2 nd Don Bartick,	1 st Mike Pykelny
Glider:	3 rd Mark Chomyn,	2 nd Mike Jester,	1 st Greg Hutchison

Orbiteer of the Year: 3rd Mike Jester, 2nd Mark Chomyn, 1ST Greg Hutchison

Russ Merrill Orbiteer of the Year Perpetual Trophy: Greg Hutchison

2017 Annual Banquet (Continued)

- John Hutchison then made some announcements, as he is President of Scale Staffel. He said that Richard Wood was the indoor modeler of the year, and Dale Funk became the outdoor champion.
- John then congratulated Roger Willis on being selected to the FAC Hall of Fame, and also for being an AMA Rep.
- Don and John both said another special “thank you” to Mark Chomyn for organizing the banquet. Thanks, too, to those that brought in the raffle goodies!
- Thanks to Mike Jester for submitting many fine articles to the E.T., and to Arline Bartick for her wonderful photographic talents.
- William Scott announced that he has new kits available at P.T. Aviation. Great stuff!
- George Mansfield is composing a series of articles, and is looking for submissions. He will edit as necessary.
- Roger Willis did a Show-and-Tell of an Old Time Rubber cabin biplane, called the Honey Bee. All red with black trim, the lettering done with a special Fernando Ramos font. Very attractive model.
- A great time was had by all, so if you missed this year’s banquet, be sure to put it on your calendar for next year!

Respectfully submitted by John R. Merrill, Secretary



Mike Pykelny - 2016 Power Champion



Mark Chomyn - 2016 Nostalgia Champion



John Hutchison, George Mansfield & Roger Willis
(Note matching shirts and the FAC medals)



2017 COMBINED FLYING SCHEDULE

- Feb 19 - **Old Time Nostalgia Rubber**
Power & Glider
(No rain date)
- Feb 25/26 **Scale Staffel FAC Scale Contest***
(1 of 2)
- Mar 19 - **Coupe**
Power, & Glider
(Mar 26TH rain date)
- Apr 9 - **P-30 Memorial Oldenkamp Hot Box Contest**
Power & Glider
(Apr 30TH rain date)
- May 19/21/22 **Dual Club FF Bonanza**, Lost Hills
- May Rotation Skipped: (Old Time Nostalgia Rubber)
- June 11 - **Coupe**
Power & Glider
(June 25TH rain date)
- July 4 - **Walt Mooney Annual Scale Contest***
- July Rotation Skipped: (P-30)
- Aug Rotation Skipped: (Old Time Nostalgia Rubber)
- Sept 9/10 **Scale Staffel FAC Scale Contest***
(2 of 2)
- Sept 17 - **Coupe**
Power & Glider
(No rain date)
- Sept 22/23/24 **US FF Champs**, Lost Hills*
- Oct 15 - **P-30**
Power & Glider
(Oct 29TH rain date)
- Nov 12 - **Old Time Nostalgia Rubber**
Power & Glider
(Nov 19TH rain date)

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

2017 INDOOR FLYING SCHEDULE

- Feb 5 - Penny Plane, No-Cal*
- Mar 5 - Catapult Glider, Embryo*
- Apr 2 - A-6, Phantom Flash*
- May 7 - Penny Plane, No-Cal*
- June 4 - Catapult Glider, Embryo*
- July 2 - A-6, Phantom Flash*
- Aug 6 - Penny Plane, No-Cal*
- Sept 3 - Catapult Glider, Embryo*
- Oct 1 - A-6, Phantom Flash*
- Nov 5 - Penny Plane, No-Cal* and
Canard One-Design* (Wrisley Zephyr)

***Non-ORBITEER Points Event**

JANUARY 29th MONTHLY REPORT

Contest cancelled due to field being wet with standing water.



DECEMBER INDOOR MONTHLY 2016
(January 8, 2017)
CD: William Scott

A-6:

(Best two of five flights)

1) Mike Jester	177	170	-	347
2) C.M. Kim	178	168	-	346
3) Greg Hutchison	170	167	-	337
4) John Hutchison	158	151	-	309
5) Richard Wood	131	144	-	275
6) Don Bartick	68	86	-	154

PHANTOM FLASH:

(Best three of six flights)

1) Stan Buddenbohn	Dirty	94	82	112	-	288
2) Richard Wood	Red	81	92	91	-	264
3) Greg Hutchison	Yellow	53	59	63	-	175
4) Nick Panousis	Green	35	27		-	62
5) C.M. Kim	Yellow	32			-	32
6) John Hutchison	German	DNF				
7) William Scott	Swirly	DNF				



C.M. Kim - A6 launch



Stan Buddenbohn
With flying stick



Richard Wood - A6 launch



William Scott
& Phantom Flash



John Hutchison - A6 launch



← Greg Hutchison - Pre-flight



← Nick Panousis and Don Bartick discussing trim options

Broken Rubber Motor Extraction Tool



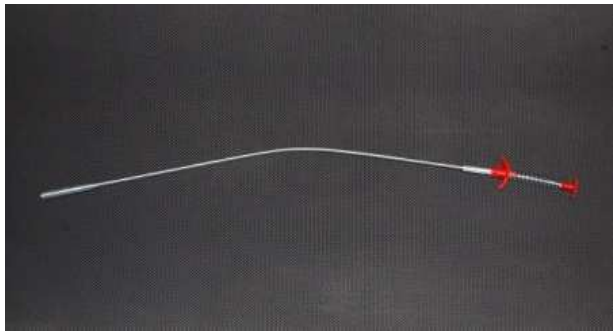
By Mike Jester

Once again John Hutchison came to the rescue. I was flying my MAXOUT X Embryo in competition at WESTFAC V in Buckeye, Arizona. I already had one good official flight in the books and was winding for my second official flight. As I got near the target torque, BANG, the rubber motor blew. Fortunately I had a blast tube in my model, or it would have suffered major damage to its fuselage. Most of the broken motor was crammed into the rear of the blast tube. I removed the model from my winding stooge and foolishly tried to remove the motor peg so that I could get the broken motor out. Fortunately it was too tightly wound around the motor peg and I could not withdraw the motor peg. I later realized that if I could have somehow removed the motor peg the broken motor might have blown out the rear end of the blast tube and caused major damage to the fuselage. The construction of this Embryo took much more time than normally required to build a typical Embryo. This was due to its complex design, including an extra-long fuselage and an under-cambered geodetic wing. I also spent a lot of time making a custom balsa prop for this model. Suffice it to say that I did not want to see my MAXOUT X Embryo destroyed, especially because it flies well.

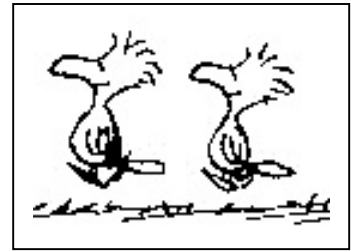


MAXOUT X Embryo

So I rushed over to seek John's help. He was only a few vehicles away on the flight line. John quickly surveyed the problem, and without saying much walked over to his truck, retrieved what is commercially called a "flexible claw pick-up tool." He handed it to me with little or no explanation. This tool comprises a long outer spring housing with a red push knob and adjacent finger grips at its proximal end. When you push in the knob with your thumb, claws come out of the distal end of the outer spring housing, with their bent gripping ends separated. When you release the knob, the claws retract back into the outer spring housing and come together, holding whatever they have squeezed between their gripping ends.



Flexible Claw Extraction Tool



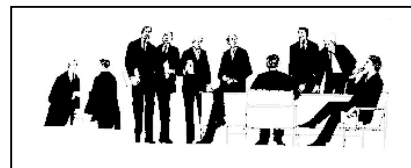
(Photos for this article provided by Mike Jester)

Extended Claws of Extraction Tool

I inserted the claw end of the tool into the blast tube still inside my Embryo. With little difficulty I was able to grab the forward end of the bunched up rubber motor. The rubber motor was wadded up really far back inside the blast tube. It was an easy task to twist the tool to begin unknotting the rubber motor. Eventually the winds in the motor spun the tool in my fingers with benefit of periodic coaxing. The claws maintained their firm grip on the rubber motor throughout the process. When most of the turns in the broken rubber motor were gone, I pulled it out of the forward end of the blast tube by pulling on the tool. I then withdrew the motor peg, and pulled what turned out to be about $\frac{3}{4}$ of the rubber motor out of my Embryo. No damage had been done to my model. I inserted a new rubber motor into my Embryo, and made two more official flights.

I have since purchased a 24" generic flexible claw pick-up tool from Amazon for \$5.38, and it will be in my field box from now on. I also purchased a 36" tool of the same variety for use with my Gollywock and Jabberwock (and yet-to-be built Wren). The price charged by Amazon for this larger version was \$9.14. This type of tool is more appropriately called a broken rubber motor extraction tool when used with rubber powered model airplanes as explained above. Buy a couple for your field box. You'll be glad that you did.

SUPPLEMENT TO:
December 14, 2017
San Deigo Orbiteer Board Meeting

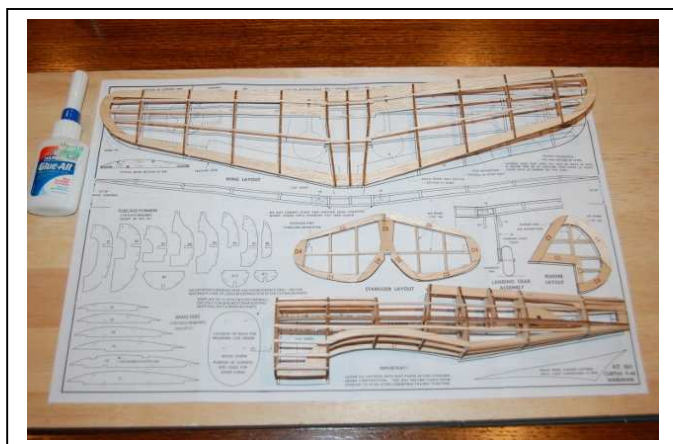


It was discussed amongst all board members, via email, that the club shall approve \$100.00, to be given to Mark Chomyn, to be used for raffle drawing prizes at the Annual Banquet. This decision was made unanimously, and was consistent with the last several years.

GUILLOWS P-40 BUILD - D.Scigliano



This is the new laser cut 500 series Guillows P-40. Once again the new laser cut series gives us light quality balsa with excellent laser cut parts. Using Elmers Glue All I was able to build all the structures in a matter of hours with no issues. I build these kits out of the box for Guillows so I am not able to modify them, but I do report issues such as missing parts or poor fitting parts so Guillows can correct it. The new white tissue in these kits is domestic tissue but has the qualities of Esaki tissue. Guillows will not tell me where they buy this tissue but they may begin selling colored tissue in the future. I applied the tissue wet making for a fast covering job. I am also using Eze Dope once again to seal the tissue for painting. I have used Testors acrylics in the past on regular doped tissue with so so results because of how acrylics dry on slacked tissue. I have never brushed on acrylics so this was a challenge to see how well Eze Dope works with brushed on paint. After sealing the tissue with 2 coats of thinned Eze Dope I began brushing the Testors light blue acrylic and dart tan for the upper surfaces. It takes two coats of paint for a smooth finish and I had no issues, the paint was brushed straight from the bottle. Now airbrushing would look better but I wanted the old vintage hand brushed look....I think we all remember trying to hand brush colored dope on models of the past. I was really impressed with how the paint and Eze Dope worked with each other and the added weight was minimal. I also used thinned Eze Dope to attach the decals to the painted tissue. The landing gear is removable so the final weight balanced and rubber added is 25 grams. I will let you know how she flies once I get her up in the air. This was a fast build, as you see her the build was over 3 days.



(Photos provided by David Scigliano)



GUILLOWS Chipmunk Build - D.Scigliano



Here are a couple more Guillows builds.

The first is the classic Guillows Chipmunk build straight out of the box. The wood quality was excellent, 7-8 lb/ft wood but the die cutting was not so great. I hope in the future Guillows will sell these as laser cut kits, right now they are laser cutting the larger kits first. The build was straight forward with most of the construction done in a matter of hours once the parts were punched out and notched. I am once again using my favorite glue, Elmers glue all PVA. The tissue was typical Guillows domestic tissue and was covered wet. I wanted to use Eze Dope on this project but Eze Dope can be tricky with domestic tissue so I tried something different. Domestic tissue slacks up pretty bad when wet and this makes applying Eze Dope challenging. So this time I first wet the tissue with alcohol and applied wet, pulling out the excess slack. While the parts are drying, I pin them down to prevent warping and it worked really well even with the thin fragile tail pieces. Once everything was covered I sprayed the covered parts with 5 percent solution of Eze Dope and water for a drum tight finish. I then brushed on 2 coats of Eze Dope thinned with 70 percent water and allowed to dry 24 hours to prevent warping. The Eze Dope does not really add any weight and does provide a nice gloss finish. Water slide decals have always caused problems when applying to doped surfaces, but not with Eze Dope. I brush on a solution of Eze Dope to the backside of the decal and apply it to the model allowing the decal to stick permanent. The decal and tissue dry nice and tight as you can see from my pictures. I have taken the model out for a few flights and she flies great and makes for a fun build. As you can see, my hobbies keep me busy. While building this model I am also building an Estes Photon rocket, balsa finished with Deluxe Materials Sand N Seal for grain free balsa fins. Also I am building a vintage Monogram 1/48 P40.



(Photos provided by David Scigliano)



**FLYING
ACES**
SQUADRON 41



SAN DIEGO

Scale Staffel

February 2017: Outdoor Flying Contest

Saturday and Sunday, FEBRUARY 25 and 26, 2017, 7:30 a.m. to 12:00 p.m.
Scamps Flying Field, Perris CA, Location (33.7803656,-117.1972964)

Events Prizes

Awards for first to third place.

Fees

\$8 for contest including entry for one event, \$3 for each additional event, \$20 maximum to cover contest entry and 5 to 11 events

Contest Directors

George Mansfield
gmansfield75@gmail.com
phone (858) 453-3857

William Scott
wscott127@yahoo.com
phone (619) 469-9681

Awards Presentation

Immediately following the contest's final gun on Sunday

Hotel Accommodations

Red Lion
480 S. Redlands Ave, 92570
(Less than 2 miles from the flying field)
(951) 943-5577

*Lunch is at the flier option
for both days*

Pilot's Meeting: 8 a.m. on both days

FAC Single Model Events

Fly any event on either day, but all flights for a given event must be flown on the same day

1. FAC Rubber Scale
2. Golden Age Combine
3. Old Time Rubber Stick and Fuselage (hand launch)
4. FAC 2-Bit(+1) Rubber,
5. Jimmie Allen (ROG)
6. No-Cal (no max)
7. Embryo Endurance (ROG)

Mass Launch Events

Saturday

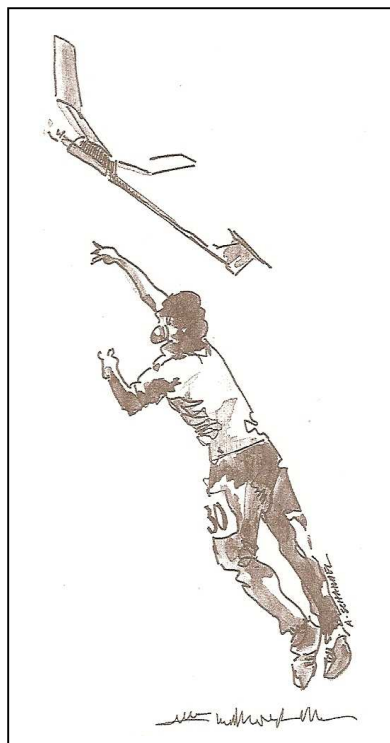
8. FAC World War 1 Combat:
Wind at 8:20 a.m., Launch at 8:30 a.m.
9. FAC World War II Combat:
Wind at 9:20 a.m., Launch at 9:30 a.m.

Sunday

10. Comet Cub (kit 3206) Mass Launch
Wind at 8:20 a.m., Launch at 8:30 a.m.
11. FAC Greve/Thompson Race:
Wind at 9:20 a.m., Launch at 9:30 a.m.

*Earn points towards your GRAND CHAMPIONSHIP. This contest's scores coupled with those of the later Scale Staffel contest held in 2017 will determine our annual Grand Champion. The trophy will be presented after the last event of 2017 to the flier who garners the most 1st to 3rd place points in the 2017 Scale Staffel contests.

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



WHAT'S HAPPENING - February 2017

- Feb. 19 - **Orbiteer Outdoor Monthly**,
SCAMPS Field, Perris CA, 8:00 am.
Feature Event: **Old Time Nostalgia Rubber** Other Events: **Power & Glider**
(No Rain Date)
- Feb. 25/26 - **Scale Staffel FAC Scale Contest**, 1ST or two contest series.
See enclosed flyer for details.
- Mar. 5 - **Indoor Flying**, Grossmont College (Upper Gym), 7:30 am to 11:30 am.
Feature Event: **Catapult Glider**, Other Event: **Embryo**