

EL TORBELLINO

NEWSLETTER OF SAN DIEGO ORBITEERS FREE FLIGHT CLUB

NOVEMBER 2016



The Prez's Corner – Don Bartick

The US FF Championship was held September 23-25 at Lost Hills. Only Arline and I represented the Orbiteers. Overall attendance continues to falter as our flyers are aging and unable or unwilling to attend. This year, the contest conflicted with the SAM Champs that drew a number of fliers away from this meet. The weather over the contest period was very flyable and cooler for this time of the year. Thermals were a challenge to pick. Very small in diameter and easy to transition to the down air side. Terry Kerger stepped up to be the CD and did a great job considering he had little time to prepare. As for me, it was a blow out. I broke everything I flew. Not the first flight, but on the second. I would max the first flight and then on the second flight something would happen and the planes plowed in from great heights. You figure. Most likely my fleet is old, had to many repairs and is telling me something.

Orbiteers participation at the September outdoor contest was much improved over the prior month. The main event was P-30. Aside from the Orbiteers, there was a good showing of other fliers from Orange and LA county getting into the action. The best the Orbiteers could do in P-30 was 3rd place. Weather was great. Good competition in the 3 events flown. As a special note, soon to be an Orbiteers, Nick Panouris had his very first max ever flying his new One Night 28 P-30. He was all smiles. Mike Jester mentored him in completing the model and getting it setup to fly. Look for the Contest results somewhere in this issue.

Mike Jester continues to wow us with his technical article published in the ET. Big thanks from all of us.

That's a wrap for now.

Remember: “There is no stigma attached to recognizing a bad decision in time to install a better one.”

-Lawrence Peters



Otay Sunrise - Photos by T.Smith

OTAY MESA UPDATE - T.Smith (Via Mike Pykelny)

Visited Otay this morning. The main north-south road, Alta, is wider and smoother, well-traveled. Talked with a Border Patrol agent at the barricade at the paved end of Airway Rd. He said there are numerous owners of bits and pieces of the area. The owner of our old field has a Mexican-sounding name. The dirt ramp down to the field from the end of Airway has been lengthened and made more vehicle-navigable. The clubs old portable toilet has been pulled over.

I parked at the barricade, walked down the ramp, and flew a small RC for about a half-hour. The sunrise was spectacular.





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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:

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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

Pluggers by Gary Brookin



A plunger will never get carpal tunnel syndrome from spending too much time online.

OCTOBER INDOOR MONTHLY 2016

(October 2, 2016)

CD: William Scott

A-6:

(Best two flights)

1) C.M. Kim	185	161	-	346
2) Greg Hutchison	158	185	-	343
3) Richard Wood	168	148	-	316
4) Mike Jester	140	167	-	307
5) John Hutchison	DNF			



J.Hutchison P-30 launch

A.Bartick photo

PHANTOM FLASH:

(Best three of six flights)

1) Stan Buddenbohm	96	85	90	-	271
2) Richard Wood	72	96	71	-	239
3) Greg Hutchison	72	68	71	-	211
4) John Hutchison	76	46	60	-	182
5) Nick Panousis	50	46	55	-	151
6) Mike Jester	39	46	36	-	121
7) C.M. Kim	36			-	36

All contestants flew the
Phantom F design



Mystery Jr. Flyer – A.Bartick photo

OCTOBER 2016 OUTDOOR MONTHLY

(October 16, 2016)

P-30

1) Stan Buddenbohm	465*
2) Clint Brooks	454
3) Don Bartick	351
4) Greg Hutchison	346
5) Mike Jester	325
6) Mark Chomyn	308
7) Nick Panousis	292
8) John Hutchison	278

* Won in Fly-off

POWER

1) Clint Brooks	345
2) Stan Buddenbolm	329
3) Mike Pykelny	299

GLIDER

1) Stan Buddenbolm	313
2) Greg Hutchison	231
3) Mark Chomyn	159
4) Mike Jester	100

The Old Time/Nostalgia Rubber Event

By Mike Jester



If you go to the Orbiteers web site at www.sandiegoorbiteers.com the calendar indicates that there is an outdoor OT/Nostalgia Rubber event which the club holds every three months. There are a number of free flight organizations and it is not easy to determine what is an “old time” model and what is a “nostalgia” model. Models in these categories can be either gas powered or rubber powered. However, we only fly vintage rubber powered models in the club’s OT/Nostalgia event.

I decided to check with Mark Chomyn, a member of the Board of Directors of the San Diego Orbiteers and our regular contest director (“CD”), to determine what models qualify for the Old Time/Nostalgia Rubber event flown by our club. Mark quickly replied as follows:

“Did a search of rules and neither SAM, NFFS, FAC or AMA has rules covering both old timer and nostalgia.

AMA has no definition or rules for either old time or nostalgia rubber.

FAC defines Old Timer as kits or plans prior to Jan 1, 1946.

SAM defines old time as designs prior to 1951.

NFFS does not define old timers but defines nostalgia as the period from Jan 1, 1943 to Dec 31, 1956.

Considering the above, it seems that our Old Time/Nostalgia combined category would cover any kits or plans for models from the 1930’s up to 1956.

Yes, we decided to limit our planes in that class to a maximum 150 sq. inch wing area.”

Bob Holman and Jim O'Reilly both sell plans and short kits for many of the most popular OT/Nostalgia Rubber models. See their web sites at www.bhplans.com and [www.jomoreillymodelplans.com](http://www.jimoreillymodelplans.com). These models should be covered with tissue. Silk would probably be allowed but it is a bit heavy and too expensive. You might be able to use Polyspan® covering at some contests. It would be wise to check with the CD ahead of time about the legality of non-woven fibrous covering materials that are not tissue. You definitely cannot use Microlite® covering or other plastic film to cover Old Time and Nostalgia models.

(Continued on next page)

Almost every rubber powered outdoor free flight modeler builds the classic Gollywock at some point in their modeling career. It was designed by the legendary modeler Wally Simmers, first sold in kit form in the late 1930's, and qualifies as an Old Timer. It is extremely competitive. Often at least half of the models flown in OT/Nostalgia Rubber events are Gollywocks. It is a wonderful model to build as the box fuselage is made of 1/8 inch x 1/8 inch square balsa sticks. The typical rubber motor for a Gollywock is made up of 16 strands of 1/8 inch rubber and is 28 inches in length. The original Gollywock had a folding prop. A picture of my Gollywock is reproduced below. It has a 31.75 inch wing span and a 13 inch diameter fixed balsa wood prop. The fixed prop allows me to fly my Gollywock in FAC contests where folding props are banned.



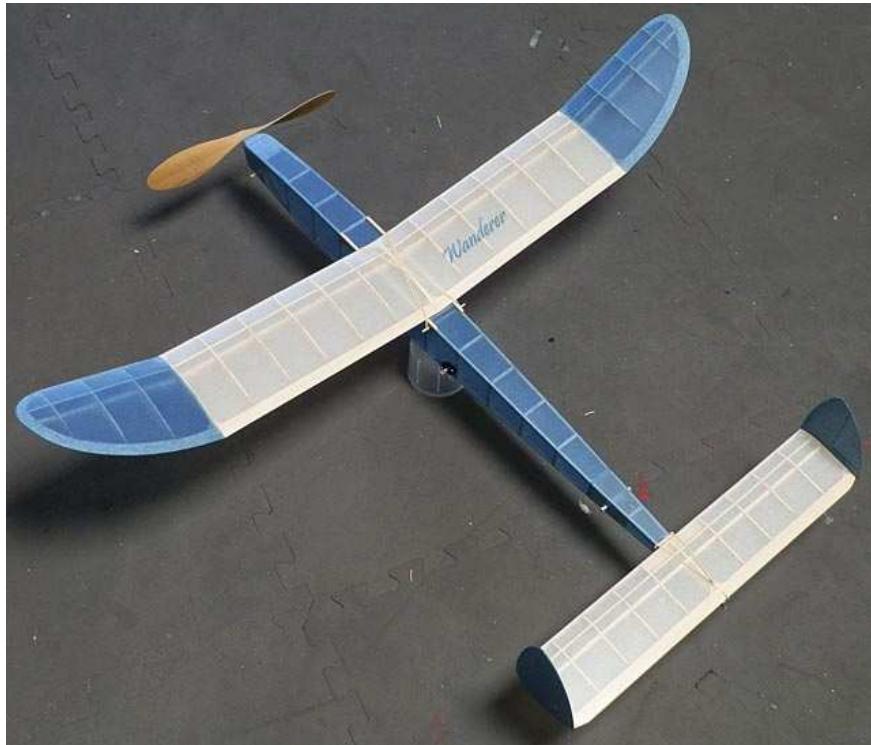
Gollywock - Old Time Rubber - by Mike Jester

Other good OT Rubber models are the Wren and the Casano Stick, the latter being flown regularly by our intrepid Orbiteers President, Don Bartick.



Don Bartick Winding His Casano Stick at Otay Mesa, California

Many of the Nostalgia Rubber models are Wakefield and Mulvihill designs that exceed the 150 square inch maximum limit for the wing area of models flown in the San Diego Orbiteers' OT/Nostalgia Rubber event. A good Nostalgia Rubber model for our contests is Bob Horak's Wanderer, the plans for which were originally published in 1945. It has a wing that has a 34 inch span and a 4.25 inch chord. I am putting this model on my build list. You can just tell by looking at this example that the Wanderer is a great flyer.



Wanderer - Nostalgia Rubber

Free flight contests often have small rubber stick and small rubber cabin events. The "small" typically means that the wing area must not exceed 150 square inches. You will often see a fleet of Gollywocks being flown in the small rubber stick event. The cabin models are flown ROG. An excellent small rubber cabin model is the Jabberwock also designed by Wally Simmers. It is essentially a Gollywock with a cabin fuselage and landing gear. This allows you to use the same wing and tail feathers on two different models as shown in the picture of me launching my Jabberwock that is reproduced hereafter.

(Continued on next page)



Mike Jester Launching His Jabberwock at WESTFAC V in Buckeye, Arizona

The short kits I referenced above are relatively inexpensive. Try building one of these models and you will be very happy that you did. They are simple to build, easy to trim, and fly great. Then you can compete in the club's low key OT/Nostalgia Rubber event in Perris, California every three months, starting November 20, 2016.



2016 COMBINED FLYING SCHEDULE

Nov 12/13 **Scale Staffel FAC Scale Contest***
(3 of 3)

Nov 20 - **Old Time Nostalgia Rubber**
Power & Glider
(No rain date)

Dec 11 - **Coupe**
Power & Glider
(Rain date Dec 18TH)

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

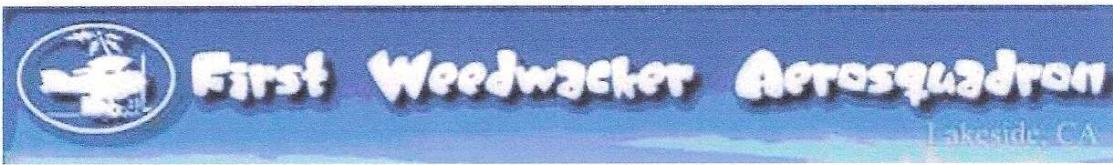
2016 INDOOR FLYING SCHEDULE

Nov 6 - Penny Plane, No-Cal* and
Canard One-Design* (Wrisley
Zephyr)

Dec 4 - Catapult Glider, Embryo*

***Non-ORBITEER Points Event**





Sat. Nov 19, 2016

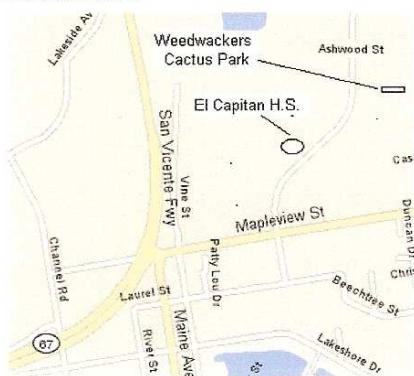
Rain Date Nov. 26, 2016

Site: Ron Smith Memorial Field
(SD County Cactus Park, Lakeside)

Hours: 7:30 am – 11:30 am
\$5 Seller's Fee ----Buyers Free
Refreshments Available

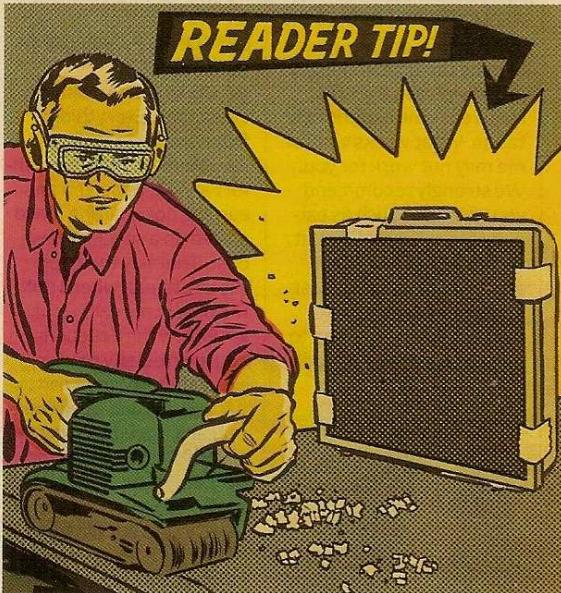
Information:

DON MADISON (619)-296-1510



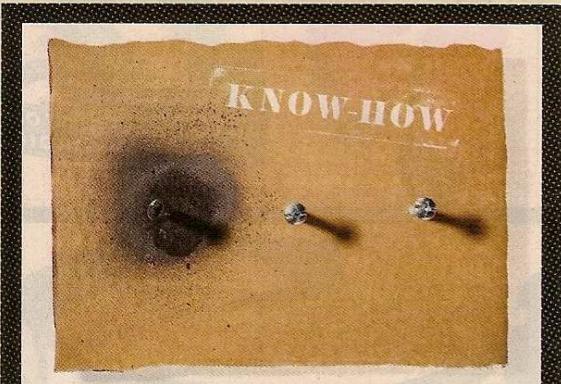
SHOP NOTES

EASY WAYS TO DO HARD THINGS



A Workshop Air Filter

WITH SUMMER TURNING to fall, the amount of shop time spent with the garage door down is going to increase. That means more sawdust and other particulates in the air and your lungs. Reader Larry Brannock of Cana, Virginia, has a solution: a box fan rigged with a furnace filter. Brannock simply duct-tapes the filter to the back of the fan—a common size for both is 20 inches square. Placed as close as possible to the source of dust, his device traps the bad stuff and outputs clean air. One thing to keep in mind: the higher the rating of the filter, the harder the fan will have to work to pull air through.



A TIP FOR SPRAY-PAINTING FASTENERS

If you find yourself spray-painting a batch of fasteners, poke their shanks through a piece of cardboard so they stand like lollipops on a candy-store counter. This allows you to easily coat all surfaces in one pass with the paint can.

Nail Polish Remover Removes Other Things

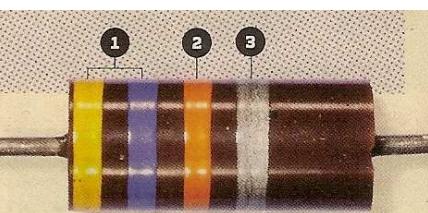
For spot treatment in a minor mishap—like touch-up paint that has dripped on a door hinge—acetone nail polish remover can help. Use it to dampen a rag, then hold the rag briefly against the splotch before rubbing it clean.

Lip Balm When the Weather Turns

ChapStick isn't only for lips: Apply it to seams on tents, shoes, or packs for temporary waterproofing. Rubbed into the teeth of Ziploc bags or the threads of jars, it gives them insurance against water penetration, too.

Fix the One Thing Duct Tape Can't

If there is a problem with duct tape, it's that rolls of it take up a lot of space—carrying it in a backpack or glove box can be a hassle. Alleviate this problem with mini-rolls made by wrapping a short length of six or eight feet around another useful item, like a pencil or AA battery.



How to Read Resistors

Manufacturers indicate the rating of a resistor with color bands. Each band represents an input for a complicated formula. Here's how it works for a four-band resistor:

1. The first two stripes represent digits (see chart, below). String them together. If stripes are yellow and violet, start with 47.
2. The third stripe is a multiplier. Its product with the digits is the resistance rating. In the example, an orange multiplier stripe (1,000) means the rating is 47,000 ohms.
3. The tolerance stripe indicates how much performance may vary in practice.

Note: On five-band resistors, the first three stripes are digits. Everything else is the same. The rare six-band resistor has an additional stripe that rates the resistor's performance as its temperature changes.

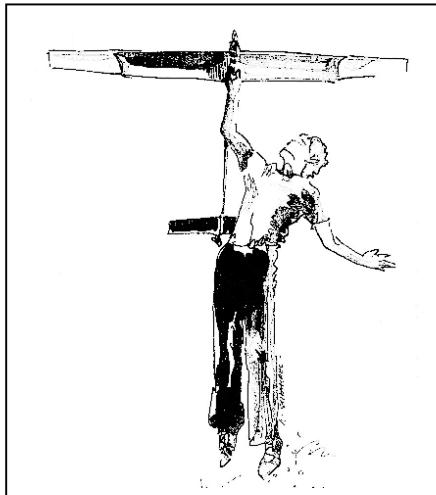
COLOR	DIGIT	MULTIPLIER	TOLERANCE
(NONE)			+/- 20%
Silver	3	0.01	+/- 10%
Gold	0	0.1	+/- 5%
Black	0	1	
Brown	1	10	+/- 1%
Red	2	10 ²	+/- 2%
Orange	3	10 ³	
Yellow	4	10 ⁴	
Green	5	10 ⁵	+/- 0.5%
Blue	6	10 ⁶	+/- 0.25%
Violet	7	10 ⁷	+/- 0.1%
Gray	8	10 ⁸	+/- 0.05%
White	9	10 ⁹	



Homemade Bird Feeder

A cheap but effective bird feeder can be quickly constructed from an old pan. Cut a half-moon of wire mesh with a diameter slightly larger than the mouth of the pan. Fix the mesh to the pan with a bit of solder, leaving the top half of the pan open. Remove the handle and nail the bottom to a tree. Use the opening to fill the feeder with suet or other bird food that won't fall through the mesh.

SAN DIEGO ORBITEERS
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WHAT'S HAPPENING -

November 2016

- Nov. 6 - **Indoor Flying**, Grossmont College (Upper Gym), 7:30 am to 11:30 am.
Feature Event: **Penny Plane**, Other Event: **No Cal * & Canard One-Design (Wrisley Zephyr)**
- Nov. 12/13 Scale Staffel FAC Scale Contest, (3RD or Three)
SCAMPS Field, Perris CA, 8:00 am.
- Nov. 19 - Weedwacker Aerosquadron Swap Meet, 7:30 am to 11:30 am.
SD County Cactus Park, Lakeside. (See enclosed flyer for more details)
- Nov. 20 - **Orbiteer Outdoor Monthly**,
SCAMPS Field, Perris CA, 8:00 am.
Feature Event: **Old Time Nostalgia Rubber** Other Events: **Power & Glider**