

EL TORBELLINO

NEWSLETTER OF SAN DIEGO ORBITEERS FREE FLIGHT CLUB

MARCH 2014



The Prez's Corner – Don Bartick

Preparations are now underway for the Dual-club FF Bonanza at Lost Hills. For you low information folks, this is the annual contest put on by the San Diego Orbiteers and Fresno Gas Model Clubs. It will be the 57th for us and the 76th for Fresno. The dates are 17th-18th May. One of the larger contests held at Lost Hills for AMA, Nostalgia and Old Time. Look for the flyer in this issue.

Our outdoor monthly continues to have good attendance. This makes for keen competition. The rotation of Non-power P-30, Nostalgia Rubber and Coupe seems to work well. Power is a bit lacking in participation, but at least 3 fly this event. Glider needs a boost.

Indoor continues to grow. For those of us that are new to the game, there are real challenges. Just handling the light material that goes into these flying machines is a skill that takes time to master. But it's very enjoyable nevertheless.

I'm pleased to announce that Mike Jester has joined the Board of Trustees. We still need one more volunteer to fill the Board. Please someone come forth. If you're interested, give me a call at 858-774-2941 or email at: dbartick@4-warddesign.com. Our next quarterly meeting will be held March 20th at Trustee, Mike Pykelny's home. Should you have some issue you want the Board to consider, please let me know by Tuesday, March 18th. I'm assuming the ET will be available before then.

I want to thank Arline Bartick for the pictures she takes at the various contests. Look for some more in this ET. Should you see one that you would like to have, contact her at: abartick@wildblue.net.

This is a wrap for now.

Remember: "Luck is a dividend of sweat. The more you sweat the luckier you get."

-Ray Kroc

2014 ORBITEER FLYING SCHEDULE

Mar 16 - Coupe, Power, & Glider

Apr 12/13 FAC Scale Contest, (One of Three)*

Apr 27 - P-30, Power, & Glider

May 17/18 Dual Club FF Bonanza, Lost Hills CA

May Rotation Skipped: (Nos. Rubber)

June 22 - Coupe, Power, & Glider

July 4 - Walt Mooney Annual Scale Contest

July 20 - P-30, Power, & Glider

Aug 17 - Nos. Rubber, Power, & Glider

Aug 23/24 FAC Scale Contest, (Two of Three)*

Sept 21 - Coupe, Power, & Glider

Sept US FF Championships, Lost Hills

*** Non-Club Points Event**

Otay Field Weather (619) 661-8297



BOARD OF TRUSTEES

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dbartick@4-warddesign.com

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johnhutchison1@cox.net

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johnrmerrill@yahoo.com

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hlhaupt1033@att.net

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Bob Beecroft (760) 723-2499

bob@theaerosmith.com

Newsletter Editor / Membership Coordinator

Howard Haupt (858) 272-5656

hlhaupt1033@att.net

ORBITEERS MEMBERSHIP DUES

Annual Membership - \$15

Lifetime Membership - \$250

Non-Member Newsletter Subscription - \$15

Junior Members 16 years old or younger - Free

Submit Dues to Club Treasurer:

Howard Haupt

3860 Ecochee Avenue

San Diego, CA 92117-4622

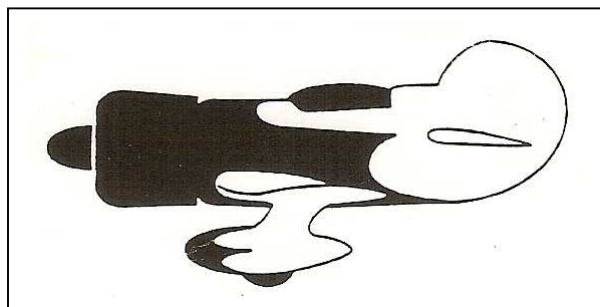
THE FINE PRINT THE FINE PRINT

El Torbellino is the official newsletter of the San Diego Orbiteers, an Academy of Model Aeronautics (AMA) Charter Club (#1113) and a California not for Profit Corporation. This newsletter is sent monthly to all paid members, selected exchange and magazine editors. Non-Members may subscribe at \$15.00 per year within the U.S.A., offshore price will be adjusted to reflect the postage required. Materials from El Torbellino may be reproduced on an unlimited basis by other publications, but proper credit is requested.

ORBITEER WEB SITE

www.SanDiegoOrbiteers.com

Webmaster: Bob Beecroft



MONEY MATTERS - H.Haupt

02/09/14 thru 03/12/14

Income:

Dues (3) 45.00

Donation 10.00

Expenses:

February Newsletter 5.68

Current Balance \$ 1,330.60

February 2, 2014 Indoor Flying Phantom Flash

Name	Total	Place
Mike Jester	194	1
John Hutchison	157	2
Greg Hutchison	154	3
Frank Allen	152	4
Richard Wood	149	5
Don Bartick	140	6
Larry Miller	139	7
John Merrill	137	8
Mike Pykelny	135	9
Mark Chomyn	122	10



No-Cal

Name	Total	Place
John Hutchison	231	1
Mike Jester	165	2
Richard Wood	119	3
Greg Hutchison	114	4

FEB INDOOR PICTURES - Aline Bartick



March 2, 2014 Indoor Flying Penny Plane

Name	Total	Place
John Alling	555	1
John Hutchison	530	2
Mike Jester	385	3
Don Bartick	341	4
Greg Hutchison	335	5
Richard Wood	330	6
Larry Miller	78	7



Phantom Flash

Name	Total	Place
Mike Jester	190	1
Frank Allen	179	2
Steve Shepersky	174	3
Mike Pykelny	133	4
Don Bartick	113	5
William Scott	109	6
Nick Panowsis	103	7

MAR INDOOR PICTURES - F.Allen



FEBRUARY 2014 MONTHLY - M.Chomyn

Nostaigia Rubber

1. John Oldenkamp	338	7 - Points
2. Mike Jester	33	8 7
3. Mike Pykelny	328	5
4. Mark Chomyn	325	4
5. Greg Hutchison	322	3
6. John Hutchison	321	2
7. John Merrill	103	1
8. Don Bartick	9	0

Power Combined

1. Mike Pykelny	334	3 - Points
2. John Oldenkamp	269	2
3. Don Bartick	244	1

FROM THE WORKSHOP

This column provides a venue for the sharing of projects under way by members of the club.

John Merrill has reported in with a couple of pictures of what is going on at his building board.

The white and yellow plane is a Baby Commercial, for old-time rubber or two-bit, made from the Easy-Built kit.

The small white plane with red trim is the Nesmith Cougar from the Peck series.



ON THE LIGHTER SIDE - H.Haupt

You will notice that there was a second attachment on the email that brought you this newsletter. This attachment is the Orbiteer Outdoor Schedule that you can print out and attach to the wall near your building table.

Lots of events coming up that you can pursue outside of the regular Orbiteer Schedule. Enclosed in this edition you will find flyers for:

Weedwackers Swap Meet - March 22ND

Scale Staffel Contest - April 12ND – 13TH

San Valeer Annual - April 12TH – 13TH

Dome Indoor Contest – April 26TH – 27TH

Orbiteer Annual - May 17TH – 18TH

Also in this issue, there is a flyer for the Joulebox 190. A NFFS Ten Models of the Year pick, a NATS winner, and designed by our very own J.Oldenkamp.

This building kit is new to the market.



First Woodwacker Aerosquadron

Lakeside, CA

Swap Meet

Saturday, March 22, 2014

Highlights

- ♦ \$5 Sellers Fee
- ♦ Buyers - FREE
- ♦ 7:30 - 11:30 am
- ♦ Entry gate opens at 7:30 am

Models of all types are invited!
RC Boats, Cars, Planes, Heli's—
Control Line and Free Flight too!



Questions?

Don Madison: (619)-296-1510

Gary Rold: (619)-504-9936

Site Location:

Cactus Park
10295 Ashwood Street,
Lakeside CA 92040

**FLYING
ACES**
SQUADRON 41



SAN DIEGO
Scale Staffel



April 2014: Outdoor Flying Contest

Saturday and Sunday, APRIL 12 and 13, 2014, 7 a.m. to 12:30 p.m.

Scamps Flying Field, Perris CA

Events Prizes

Awards for first to third place.
First place trophies for WWI
and WWII Combat. *

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

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

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

Hampton Inn & Suites
12611 Memorial Way,
Moreno Valley, CA 92154
(Less than 12 miles from the
flying field)
(951) 571-7788

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

Lunch is at the flier option for 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. FAC Power Scale (90 second max)
3. FAC Embryo Endurance (ROG)
4. FAC Jimmie Allen (ROG)
5. FAC 2-Bit(+1) Rubber, 1/2 Wakefield(ROG)
6. FAC Phantom Flash (ROG)
7. FAC Golden Age Civil Scale
8. FAC Jumbo Scale

Mass Launch Events

Saturday

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

Sunday

11. Double Trouble (Twins)
Wind at 8:20 a.m., Launch at 8:30 a.m.
12. 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 2014 will determine our annual Grand Champion. The trophy will be presented after the last event of 2014 to the flier who garners the most 1st to 3rd place points in all of the 2014 Scale Staffel contests.

**SAN VALEERS 65th ANNUAL & 32st ANNUAL 7 ROUNDER
APRIL 12th & 13th, 2014 - LOST HILLS, CA.**

A NFFS NATIONAL CUP, AMERICAS CUP & AMA AA SANCTIONED CONTEST
(SCAMPS/SCIFS contest same weekend with SCIF CD Dan Heinrich 909 593-5789)

CANNON BALL RUN Saturday 7:00 TO 8:00 AM

RULES: Any gas model. 7 second engine run. Time to the ground. Total of 2 best flights wins!!! \$3.00 entry for unlimited number of flights.

AMA CAT II & NOSTALGIA CAT II (WEATHER PERMITTING)**

SATURDAY 8 TO 5

1/2A GAS

B GAS

C GAS

1/2A Nostalgia**

1/4A GAS(15sec VTO,12sec HL) 1/4A flyoff Sun(7:30-7:45am)

SLOW GAS* (9 Sec all flights) (Slow gas flyoff Sat at 5:30 PM)

SUNDAY 8 TO 3

A GAS

D GAS

ABC Nostalgia**

BOTH DAYS

P-30 & HL Glider

Catapult Glider

Nostalgia Rubber

**(all flights same day
for each entry)**

F1A NORDIC - FIB WAKEFIELD - F1C/F1P POWER SATURDAY 8 AM TO 3 PM (7 rounds)

1st Round at 8am, F1A 210 secs, F1B & F1C 240 secs. Flyoff begins at 4:00pm

F1G – F1H – F1J SUNDAY 8 AM TO 11:45 (5 rounds 45 minutes ea) flyoff at 1:00 pm Champagne flyoff 7:30 to 8:00 am for tie breaker (if needed after 2 fly off flights)

VINTAGE FAI

SATURDAY 8:00 am-1:00pm (5 1hr rounds) All flights 180 secs flyoff at 1:00pm

HUNTER MEMORIAL SUNDAY MORNING(weather permitting)-Sponsored by Mike Thompson

RULES: Any gas free flight airplane. 15 second VTO, 12 second H.L. Highest single flight time (no max) Starts Sunday at sunrise with 1 hr window (start time announced). Entry fee (\$1.00 per flight)

***SLOW GAS RULES:** No Builder of the model rule, no auto surfaces, single bypass stock engines only (except TD's .049&.051), 15% Nitro max,3 maxes & 1 flyoff to the ground. 9sec motor runs all flights(including flyoffs)

****NOSTALGIA** per latest rulebook except motor runs which shall be 10 sec HL, 13 sec VTO for 1st 3 flights, 7 & 9 secs on all flyoff flights. Classes scored separately for National cup but awards given for 1/2A Nostalgia and ABC Nostalgia combined.

BOM RULE enforced on AMA and Nostalgia events except as noted above.

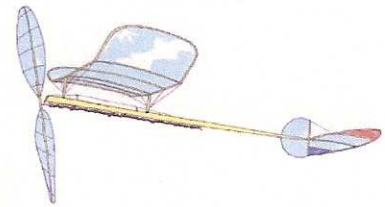
MERCHANDISE AWARDS (engines, kits, fuel, wood, \$\$\$, etc)

*****61 ABC motor RAFFLE** (1 ticket for each event entered, or \$3 ea, or \$5 for 2, or \$10 for 5)***

FAI CD: Mike Thompson (805) 522-8736 AMA/NOST CD: Ken Kaiser (714) 828-4896

AMA & Nostalgia 1ST event: \$10.00, Additional events: \$5.00 per event, JRS FREE, FAI events 1st event \$20 and additional events \$10.

"JUST BRING YOUR MODELS AND SLEEPING BAG AND HAVE FUN"



THE ROUND VALLEY DOME INDOOR CONTEST

EAGAR, ARIZONA

APRIL 26th & 27th 2013 8:00 A.M. to 5:00 P.M BOTH DAYS

In addition we have Friday the 25th as a practice day from 9:00 A.M to 5:00 P.M.

LIST OF EVENTS

F1D

F1L

F1M

OPEN PENNY PLANE

LIMITED PENNY PLANE

EZB

A-6

MINI STICK

HLG

CATAPULT GLIDER

UNLIMITED CATAPULT GLIDER

FAC PEANUT SCALE

FAC DIME SCALE

NO-CAL SCALE (6.2 gram min, 7" max prop)

NO-CAL SCALE WW II MASS LAUNCH (6.2 gram min, 7" max prop)

Entry fee is \$35.00 for the contest.
No matter how many events you fly.

Glider flying is limited to Saturday and Sunday mornings . We will also make time for gliders on Friday (others may fly other types of models at this time at your own discretion.) Lots of floor area. 400' X Cat. III

Scale judging will be Saturday A.M.

No Cal Mass launch at noon on Sunday.

We plan on being quite flexible from there on depending on what models show up.

For info contact;

Steve Riley

(505) 615 8112

steveriley@cableone.net

DUAL-CLUBS FREE FLIGHT BONANZA

A National Cup Event

SAN DIEGO ORBITEERS 57th ANNUAL - CLASS AA, CATEGORY 2
SPONSOR OF AMA, CLASSIC & MINI-FAI EVENTS

*

FRESNO GAS MODEL CLUB 76th ANNUAL - CLASS AA, CATEGORY 2
SPONSOR OF NOSTALGIA, TEXACO & OLD TIME EVENTS

*** MAY 17th & 18th 2014 ***
*** LOST HILLS, CA ***

SATURDAY ONLY 7 AM – NOON, 1 - 5 PM LUNCH BREAK W/ ICE CREAM SOCIAL	EITHER DAY MUST FINISH EVENT THE SAME DAY		SUNDAY ONLY 7 AM – 3 PM
½ A GAS (1) C/D GAS P-30 (1) VINTAGE FAI POWER CATAPULT GLIDER (1) ½ A TEXACO DAWN P-30 NIGHT GAS (COMBINED)	SMALL OT RUBBER STICK SMALL OT RUBBER CABIN LARGE OT RUBBER STICK LARGE OT RUBBER CABIN ¼ A NOSTALGIA ½ A NOSTALGIA A NOSTALGIA B NOSTALGIA C NOSTALGIA TOMBOY TOM CARMAN MEMORIAL (2)	EARLY ½ A NOS. .020 REPLICA A PYLON B-C PYLON A FUSELAGE B-C FUSELAGE RUB/WAKEFIELD NOS CLASSIC TOWLINE ½ A CLASSIC POWER E-36/A/B ELECTRIC (COMBINED) BILL BOOTH, SR MEMORIAL	FIJ/F1P (POWER) FIG (COUPE) F1H (TOWLINE) A GAS B GAS HAND LAUNCH GLIDER (1) FULL SIZE TEXACO MULVIHILL DAWN MULVIHILL GOLLYWOCK MASS LAUNCH

(1) Junior & Senior/Open Event

(2) Cash Awards

See Special Instructions on backside

**** AN ORBITEER TRADITION LIVES ON ****

JOIN US FOR SATURDAY ICE CREAM SUNDAE SOCIAL ON US (NOON – 1 PM)

also

SATURDAY NIGHT FOOD FEST POTLUCK ORGANIZED BY DAN HEINRICH (5:30 -7:00 PM)

(Main course provided)(Bring a side dish or dessert)(Let Dan know what you're bringing at aronutd@cs.com)

AWARDS FOR FIRST 3 PLACES (except as noted)

Ceremonies at: 5:15 PM Saturday

3:15 PM Sunday

\$15 REGISTRATION Sr. & Open / \$2 Jr

\$5 per Event Sr. & Open / \$1 Junior -

Optional: \$35 for Registration & Unlimited Events

For Information Contact:

Don Bartick, CD - San Diego Orbiteers
22465 Casa De Carol Ramona, CA 92065
(H) 760-789-3773
(E) dbartick@4-warddesign.com

Doss Porter, CD-Fresno GMC
(H) 559-251-0787
(E) steve93612@comcast.net

LOST HILL MODEL AIRFIELD ASSOCIATION CARD REQUIRED (\$20 AT FIELD TO JOIN)

SPECIAL INSTRUCTIONS

SATURDAY NOON to 1 PM LUNCH BREAK & SUNDAE SOCIAL

The contest will be suspended for 1 hour for lunch and the San Diego Orbiteers famous ice cream social. This is a great time to relax, cool off, have lunch and enjoy the ice cream sundaes. We will provide ice cream, & sundae fixings, napkins, plates and plastic ware.

PRIZE DRAWING

The Fresno GMC once again has collected an enormous amount of model stuff for their drawing. For up to 3 events entered that are sponsored by them, the contestant will receive a drawing ticket. Drawing to be held right after Sunday's award ceremony.

TOM CARMAN MEMORIAL

Any size Texan or Spacer. If Nostalgia legal, must fly by Nostalgia rules. If AMA legal, must fly by AMA rules. No entry fee. Event runs both days, but must be finished on the day started. Must sign up for the event. Special cards will be provided. Cash prizes 1st thru 3rd place: \$50, \$25 & \$15. Event sponsor is Jim Hurst. Questions: contact Jim at 310-324-5425.

BILL BOOTH, SR. MEMORIAL

High time in Old Time Gas. Includes 020 Replica, but not Texaco. Winner will receive a special award from the Fresno GMC.

HAND LAUNCH GLIDER & CATAPULT GLIDER

Hand Launch Glider & Catapult Glider will to be launched from an established glider pen on the field. Max's are 120 seconds and all flights count.

NIGHT GAS FLYING

All engine classes combined. Event window between 6pm – 9pm. Engine runs in accordance with aircraft classification; i.e., AMA or Nostalgia.

TOMBOY

3cc fuel. Must ROG. Timer must stay within 200 ft. of launch. Best time out of unlimited flights between the contest hours .

MINI FAI EVENTS *Low stress format*

F1G, F1H, F1J/P: First five (5) flights must be flown from the established line between 7:00 – 12:00 AM. 120 sec max Fly-off in ½ hour rounds starting at 1:00 PM. 15min rounds in sequence. 15min between end of round and beginning of next one. Fly-off round max: 1st 150sec, 2nd 180sec, 3rd 210sec, 4th 240sec, 5th 300sec, 6th 360sec and so on. Fly-off rounds may be compressed by consensus of the participants and the CD.

VINTAGE FAI POWER *Low stress format*

For rules, please go to this website: <http://faipower.com/vintage-fai-power.htm>. A copy of the rules will be available at the CD's table. First five (5) flights must be flown from the established line between 7:00 – 12:00 AM.

DAWN P-30

Saturday morning 7:30 AM sharp. Mass launch from glider pen; 1 flight, no max.

DAWN MULVIHILL (Timer can ride with contestant)

Sunday morning 7:30 – 7:50 AM launch window, 1 flight, no max.

TEXACO (Timer can ride with contestant)

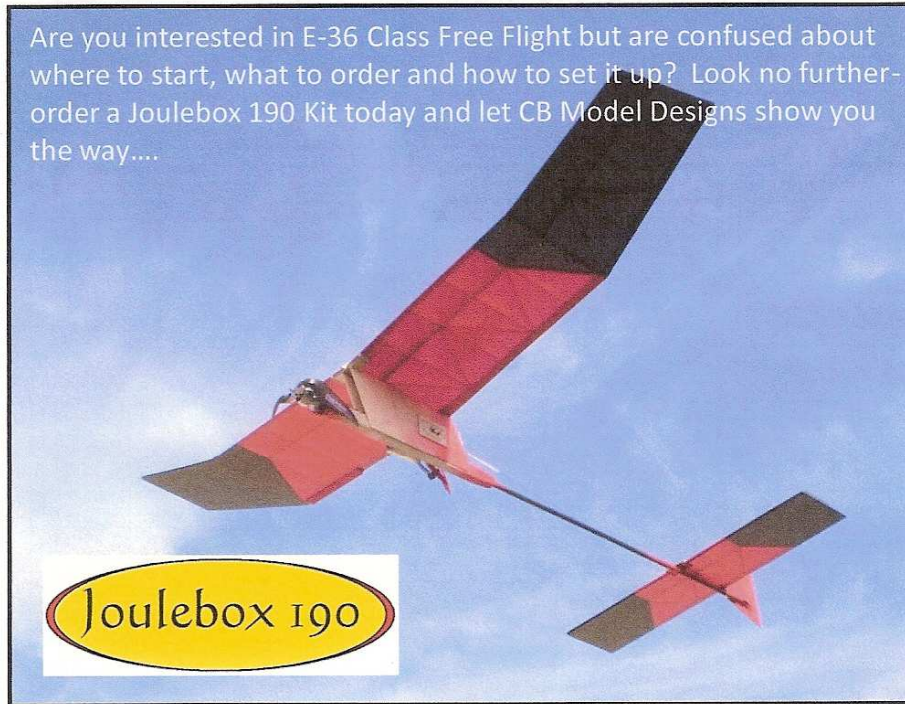
1/2A Texaco: Saturday 7:00-10:00 AM launch window, 8cc fuel; Full Size Texaco: Sunday 6:00-10:00 AM launch window, 1/4oz per pound – max 1.75oz fuel.

Gollywock Mass Launch

Sunday morning at 8:00 sharp. Mass launch from glider pen; 1 flight, no max.



Are you interested in E-36 Class Free Flight but are confused about where to start, what to order and how to set it up? Look no further- order a Joulebox 190 Kit today and let CB Model Designs show you the way....



The Joulebox 190 Deluxe Kit is a state of the art E-36 design ready for quick assembly that includes:

- Top quality laser cut balsa and plywood parts-fit checked and proven prior to kit production release
- Quality balsa strip stock for wing spar caps and turbulator spars in wing and horizontal stabilizer
- Air Shark P90 grade carbon tube tail boom
- Complete hardware package for everything noted on the kit drawing
- Drive train component package includes the *Starlink-Flitetech* electronic timer for E-36, D/T servo, 1806N-2500KV Outrunner motor, *Hobby King* 8/10 ESC, Female JST connector, 2MM Connector pin set, Heat shrink tubing for complete flight ready installation.
- 7.5 X 4 *Graupner* folding prop with *Texas Timers* hub assembly
- Full size CAD drawings for construction
- Construction manual
- Esaki Tissue covering

All you need to supply is a LiPo battery of your choice and some solder-everything else you need to successfully build and fly this E-36 model is included in the kit!

Don't need all the goodies? Order a Joulebox 190 Standard Kit and provide your own timer, drive train system and prop-all the rest is still included. Or if you prefer, a Joulebox 190 Short Kit that includes just the laser cut parts, construction drawing, instructions; you provide the strip stock, carbon tube and everything else required to complete the model.

Joulebox Deluxe Kit	\$170.00		
Joulebox Standard Kit	\$76.00		
Joulebox Short Kit	\$50.00		
CA Sales Tax 9.25%			
Total due			
Send to:			
Name			
Address			
City			
State			
ZIP code			
Telephone			
Email			

Send Check or Money order to:

CB Model Designs
2231 Vuelta Grande Ave.
Long Beach, CA 90815

Contact info at
cbmodeldesigns@yahoo.com
 562-493-2749

CB Model Designs

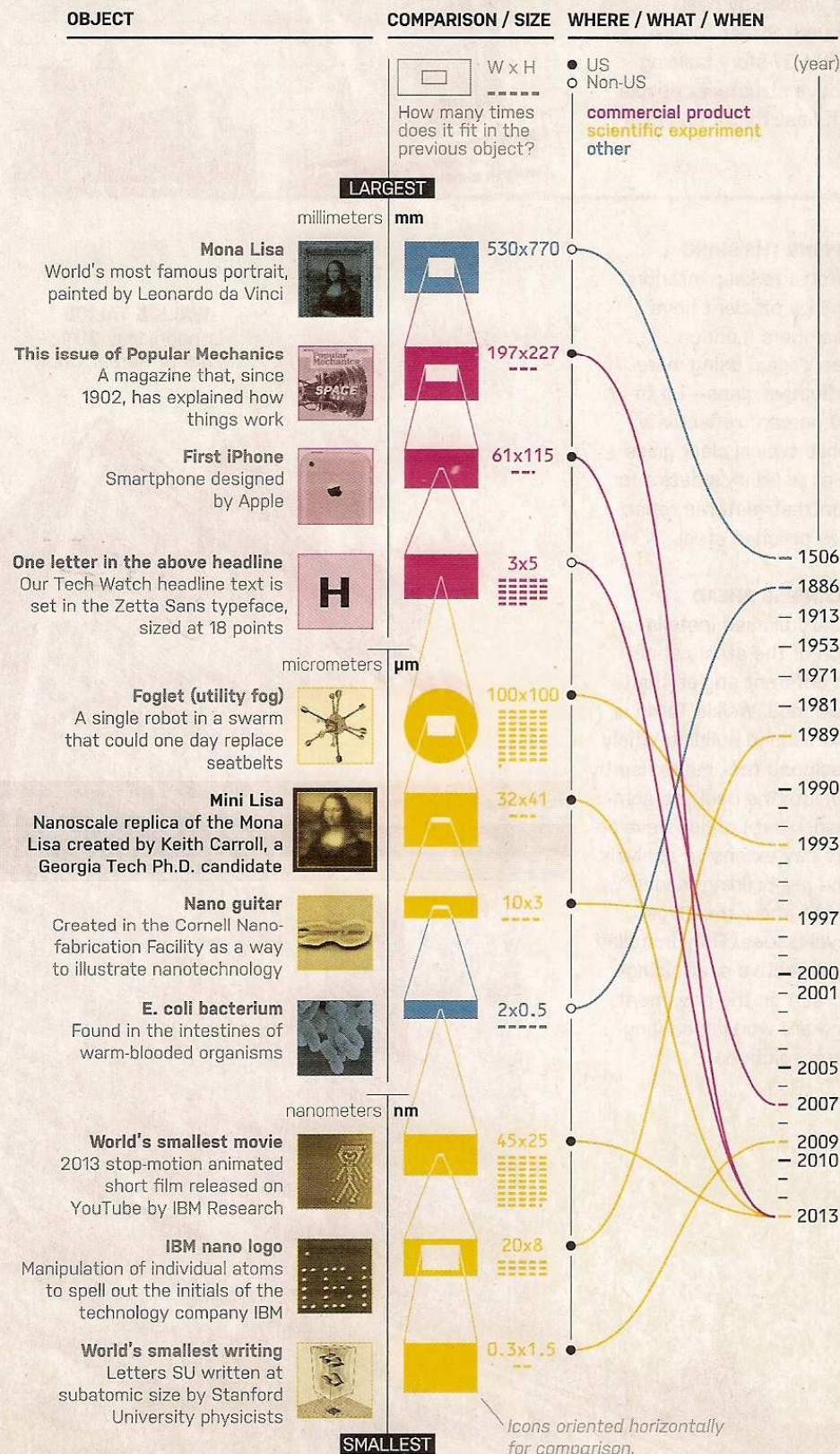
Pricing date: 022814

www.cbmodeldesigns.com

How Small Is Small?

How to read it:

TECH WATCH



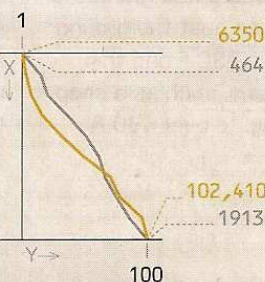
NANO ART HAS COME A

long way since researchers arranged atoms to spell IBM in 1989. The latest feat is Mini Lisa, a detailed grayscale version of the *Mona Lisa* on a canvas just 32 microns across—one-third the width of a hair. The image was created with a new technique in which the heated tip of a powerful microscope controls the speed of a chemical reaction at each pixel: More heat produces a faster reaction and the lighter shade of gray. Below and to the left we show where the Mini Lisa fits on the nanoscale. The visualization compares 11 items, showing just how small each one is in comparison with the object above.

— A.H.

BIG INTEREST IN SMALL TECH

Funding and research in nanotech has grown exponentially in the last decade.*



Trend Comparison Index 1/100

Federal yearly investment in National Nanotechnology Initiative, without American Recovery and Reinvestment Act funds (mil \$).

Number of scientific articles on nanotechnology

*Graph rotated to correlate with time line

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



WHAT'S HAPPENING -

MARCH 2014

- Mar. 16 - **Orbiteer Outdoor Monthly**, Otay Mesa, 8:00 am,
Feature Event: Coupe Other Events: Power & Glider
- Mar. 20 - **Board of Trustee Meeting**, 7:00 pm,
Meeting location – Mike Pykelny's home.
- Mar. 22 - Weedwacker Swapmeet, Lakeside flying field, 7:30 am.

APRIL 2014

- Apr. 6 - **Indoor Flying**, Grossmont College (Upper Gym), 7:30 am to 11:30 am.
Feature Event: A-6 Other Events: Phantom Flash & No-Cal
- Apr. 12/13 **Scale Staffel Contest (1 of 3)**, Scamps Flying Field, Perris CA, 8:00 am,
See enclosed contest flyer for more details.
- Apr. 27 - **Orbiteer Outdoor Monthly**, Otay Mesa, 8:00 am,
Feature Event: P-30 Other Events: Power & Glider