

EL TORBELLINO

NEWSLETTER OF SAN DIEGO ORBITEERS FREE FLIGHT CLUB

MAY 2011



Prez Corner - D.Bartick

Two weeks to go for the Dual-club Free Flight Bonanza. A couple of changes were recently made and distributed by email. They are: 1) addition of E-36 event and 2) correction of flight max for mini FAI event from 180 sec. to 120 sec. Plaques are to arrive this week and confirmation has been made with the food purveyor. Now if only the weather will cooperate. Hope to see plenty of Orbiteers at the meet.

The weather has caused cancellation of several monthly contests so far this year. This means that John Oldenkamp hasn't compiled that many points. We can still catch him and give him a run for the Orbiteer of the Year honors. No monthly this month because of our annual, but this leaves 6 months to catch up. Get building, get flying and get winning.

No monthly club meeting this month, but make it a point to come to the June meeting. It's a good forum to discuss our hobby, share ideas and have some indoor competition.

This is a wrap for now. Get ready for the Dual-club!

Outreach (Editorial) - D.DeLoach

My good friend Jerry Murphy has a great saying about Free Flight. Murph says, "I don't understand why there aren't twenty thousand people doing Free Flight. You're out in great rural expanses, enjoying the warm sunshine and company of like-minded friends." He's right. Free Flight's biggest problem is we have too few people who do it, yet few pastimes have as much to offer.

The D.C. Maxecuters are perhaps the USA's best outreach-oriented club. They've seized on the huge public relations opportunity of having a regular flying site in the heart of a major population center. Here's a report from Maxecuter Glen Simperts.

"The D.C. Maxecuters hosted indoor flying at the National Building Museum on 6 March. Flying in this historic building in the heart of Washington D.C. is a perfect opportunity to introduce the general public to the gentle magic of indoor flying. Working with the staff of the museum the club volunteered to conduct a Delta Dart building session followed by an exciting mass launch. Club members helped the kids trim their airplanes.

"The Delta Darts were followed by an indoor contest. The museum was packed with visitors as families escaped the driving rain outside with some family fun in the museum. They could clearly see who was ahead with the numerous mass launch events and could cheer on their favorite peanut scale or No-cal models. The four story atriums provided lots of flying space with a favorite spot to watch being from the upper floors as models flew up towards them.

"The National Building Museum is an extraordinary building with stately columns dating from 1887. The D.C. Maxecuters have been flying there several times a year since 1997. The flying models clearly demonstrate the same principles of good design that can be seen in a building as they balance various forces with structural strength and designed-in functionality."

My Club (Magnificent Mountain Men) is one of the stronger clubs in the country largely because we've made an effort to do more of the things that promote the fun side of the sport and less of the stuff that is self-serving. For example, MMM does not have monthly meetings. We handle club business once a year at an annual meeting.

Why does your club have monthly meetings? Are your meetings the kind of activity the average prospect would want to attend? Are they merely an opportunity for a group of old friends to socialize? Or worse, are they monthly gripe sessions that do nothing but promote cynicism?

MMM has flying events at least once a month, year round. This works out great when an interested prospect contacts us. "Great! We have a flying event coming up in a couple weeks. Here are directions to the site."

Is your club attending open houses at your local air museum? The Wings Over the Rockies Air and Space Museum in Denver is a regular indoor flying venue for us—kind of a living display that garners plenty of interest from the general public. And once a year the museum has an Aeromodeling Expo at which local clubs and vendors are showcased. This year there were several thousand people that came through. Denver TV stations and other press covered it.

I'm keenly interested in hearing success stories from clubs regarding public outreach. Are you setting up tables at modeling trade shows and collectos? Have you harvested members from Science Olympiad coaching and Delta Dart building sessions? Are you handing out brochures or business cards and following up with invites to ensuing flying events?

A general rule of marketing is that consistent messaging and frequency are crucial to ensuring future action on the part of prospects. That is, people need reminding to order to break through the clutter of our over-communicated culture. One contact is usually not enough.

Your NFFS Publicity Committee chaired by Gen Ulm is making some bold moves on the marketing front. We've got a new brochure in the works highlighting the Roy Hanson, Jr. half-price membership offer. We're planning a mass mailing to the 2000+ AMA members who are Free Flyers but not NFFS members. If your Club wants a stack of these brochures let Gene know at gene@pos.org.

Don DeLoach, Colorado Springs, Colo.

2011 ORBITEER FLYING SCHEDULE

May 14/15 Dual Club FF Bonanza, Lost Hills CA

Rotation Skipped: (Old Timer Rubber Stick "Small")

June 12 - Coupe
Power, P-20, HLG & CLG

July 4TH - Walt Mooney Memorial Scale Contest

July 17 - P-30
Power, P-20, HLG & CLG

Aug 14 - Scale Staffel FAC Contest* (2ND of 3)

Aug 21 - Old Timer Rubber Stick (Small)
Power, P-20, HLG & CLG

Sept 18 - Coupe
Power, P-20, HLG & CLG

Oct 16 - P-30
Power, P-20, HLG & CLG

Oct 29/30 SW FAI Champs*, Boulder City, NV

Nov 13 - Scale Staffel FAC Contest* (3RD of 3)

Nov 20 - Old Timer Rubber Stick (Small)
Power, P-20, HLG & CLG

Dec 18 - Coupe
Power, P-20, HLG & CLG

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



San Diego Orbiteers Monthly Meeting

April 8, 2011

Five people in attendance tonight, including President Don Bartick, V.P. Larry Miller, Editor Howard Haupt, John Hutchison, and amateur scribe John Merrill.

After the consumption of pizza and a discussion of various medical maladies, the meeting was officially called to order at 7:20 by President Don Bartick. Many thanks, as always, to Howard Haupt for providing everyone's favorite pizza.

The minutes of the last meeting were approved as published.

Treasurer's Report – also approved as published.

Officer's Report – None.

Contest Report –None.

Old Business: The subject of the Otay field portapotty came up again. Mike Pykelny has been in contact with Don about organizing a work party with the two of them, with the help of John Hutchison. Larry Miller volunteered to help as well. It should be done within the month of April or early May.

Some talk of the Dual Clubs Free Flight Bonanza, to be held May 14 & 15 was discussed. Don said the sanction came in yesterday (April 7). He also reported the participation plaques had been ordered, and he displayed an example of the artwork. John Hutchison said the plaques for this year's series of Scale Staffel contests are ordered as well. Both are to be more inexpensive than in previous years, yet still very attractive.

Last month's newsletter mentioned a swap meet to be held April 2nd in Lakeside, put on by the Weed Wackers R.C. Club. John Hutchison attended, and said there were a lot of sellers, but few buyers. He still managed to make some money, however.

New Business: Next month's club meeting, which you were of course planning on attending, is now cancelled. This is due to the fact it is the same weekend as the Dual Clubs Annual contest mentioned above. It was to be held on Friday, May 13th, with the contest starting early the next day.

The April 10th monthly contest was cancelled as well, due to inclement weather which was coming

down by the end of the meeting. It is not to be re-scheduled. The next local contest is June 12th. John Hutchison reported that the indoor flying at Grossmont College is still attracting good attendance. It is held the first Sunday of every month. The May indoor contest will have a featured event of the Phantom Flash. In accordance with FAC rules, it must have a molded 1-piece plastic prop. The best 3 out of 6 flights will be counted. June will feature the A-6, and July will have No-Cal profile models. In the future Penny planes will be featured as well. Talk somehow drifted off to auto repair, so the meeting was adjourned at 8:20. Don and Howard battled it out with indoor flying for a while, the results of which will be reported elsewhere.

Respectfully submitted by John R. Merrill,
Occasional Secretary.

MONEY MATTERS - H.Haupt

Income:

Dues (2)	\$ 30.00

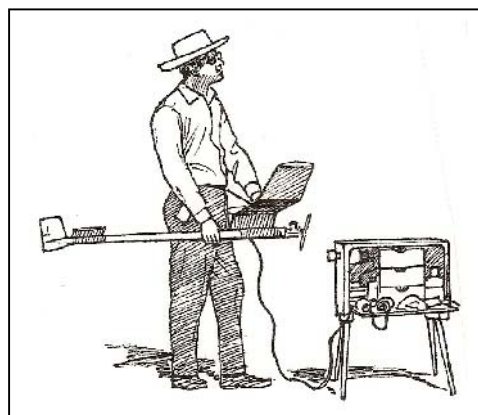
	30.00

Expenses:

B of A Account Fees	\$ 17.00
April Newsletter	8.96
Dual Club award deposit	300.00
2011 Monthly Sanctions	55.00

	380.96

Current Balance\$1,297.17



2011 OFFICERS

President
Don Bartick (760) 789-3773
Vice President
Larry Miller(858) 292-1434
Secretary
John Merrill(619) 449-4047
Treasurer
Howard Haupt(858) 272-5656
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John Oldenkamp(619) 233-4837
Competition Director
Larry Miller(858) 292-1434
Web Master & Yahoo Coordinator
Bob Beecroft(760) 723-2499
El Torbellino Editor
Howard Haupt(858) 272-5656

ORBITEERS YEARLY MEMBERSHIP DUES

Junior - \$10
Senior - \$15
Open - \$25
Family - \$30
65+ - \$15
Lifetime - \$250
Non-Member Newsletter Subscription - \$15

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.

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www.SanDiegoOrbiteers.com

Webmaster: Bob Beecroft

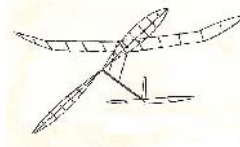
ON THE LIGHTER SIDE - H.Haupt

With the conclusion of the April meeting only a few of the brave and hardy that chose to attend the meeting stayed on to do some indoor flying. There scores are: H.Haupt Butterfly 75 seconds

B.Bartick A-6 28
J.Hutchison Chief Timer

~~Pizza will be available from Venice Pizza House at our meeting this month. Bring your~~

Fav **No Meeting This Month** er
you ~~from Venice Pizza House. Plates, paper towels, utensils, and handy trash receptacle will be provided.~~



DUAL-CLUBS FREE FLIGHT BONANZA

A National Cup Event

**SAN DIEGO ORBITEERS 53rd ANNUAL - CLASS AA, CATEGORY 2
SPONSOR OF AMA, CLASSIC & FAI EVENTS**

*

**FRESNO GAS MODEL CLUB 72st ANNUAL - CLASS AA, CATEGORY 2
SPONSOR OF NOSTALGIA, TEXACO & OLD TIME EVENTS**

*** MAY 14th & 15th 2011 ***
*** 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
½ A VIKING

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
DAKATO (Time Target)
E-36

F1Q (ELECTRIC)
FIJ/F1P (POWER)
FIG (COUPE)
F1H (TOWLINE)
A GAS
B GAS
HAND LAUNCH GLIDER (1)
FULL SIZE TEXACO
MULVIHILL
DAWN MULVIHILL

(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)

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

Bill Booth, Sr., CD-Fresno GMC
2937 E. San Gabriel
Fresno, CA, 93726
(H) 559-227-7217
(E) wpbsam@comcast.net

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

***** BE THERE *****

Also on the field . . .

◆ CULINARY CREATION™ MOBILE KITCHEN ALL WEEKEND ◆

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 Orbitcers 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 Spacccr. 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.

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.

DAKOTA

Target time 45 seconds. Score based on differential of actual flight time to target time. Lowest score of 3 flights combined.

½ VIKING

Nostalgia qualified ½A engines or .049/.051 Cox TD. Nostalgia engine runs apply.

MINI FAI EVENTS *Low stress format*

F1Q: First five (5) flights must be flown from the established line between 7:00 – 12:00 AM. 15 sec motor run - 120 sec max
Fly-off in ½ hour rounds starting at 1:00 PM. 30 min rounds in sequence. 15 min between end of round and beginning of the next one. 120 sec max for all fly-off rounds. Motor run reduces by 5 sec each fly-off round starting with fly-off round 1. Fly-off rounds may be compressed by consensus of the participants and the CD.

F1G, F1H, F1J/P: First five (5) flights must be flown from the established line between 7:00 – 12:00 AM. 180 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

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.

DAWN P-30

Saturday morning 7:30 AM exactly, mass launch from glider pen, one flight, no max, winner's plane may be processed.

DAWN MULVIHILL (Timer can ride with contestant)

Sunday morning 7:30 – 7:50 AM launch window, one 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.



PRACTICAL
HINTS AND HELPS
for
AERO MODELLISTS

WE are pleased to present this new feature written by our readers. Practical hints and helps which have provided many a short cut for model builders are presented in this feature by their creators.

Many of the hints have been proven practical through being put in actual practice for some time.

William Pfeil, of San Antonio, Texas, sends us the following:

Glider Polish

Balsa that has been doped with straight banana oil becomes brittle and glider wings and propellers treated with it becomes weak. Three or four drops of castor oil mixed with every ounce of banana oil, will prevent the wood from getting brittle. This mixture may be used as a paper adhesive as it dries more slowly and allows more time to apply the tissue.

Patching Pneumatic Wheels

These wheels frequently receive punctures due to the thin rubber from which they are made.

Punctures may be successfully mended by applying a small amount of rubber cement (of the same type which is found in tire patch kits) around the hole. Cut a small piece of rubber from a toy balloon large enough so it extends about a 1/4 around the hole. Apply this miniature patch over the cement and press firmly down, leave to dry for a few minutes and your wheel will be ready for use. Submitted by Robert M. Linden, Minneapolis, Minn.

Fillets

Beeswax is the only wax that doped paint will stick to, and is very easily obtained. This wax when warmed so that it will work easily can be made into perfect wing, and landing gear fillets. Submitted by Warren Ryder of Mineola, N. Y.

Warren Amster of Montclair, New Jersey, uses powdered sulphur, sold as "flowers of sulphur" mixed with glue or dope for fillets. It makes smooth strong perfect fillets that can be shaped with a razor. This mixture can also be used as a wood filler.

General Aids

Lawrence Schneider of New York

City, submits the following hints to improve your models once they're built:

Always glue flat washers to each axle hole on celluloid wheels, otherwise the axle wire will tear the celluloid and enlarge the hole at the first hard bumps, causing your wheels to become wobbly.

To protect your rubber from being cut by piano wire shafts or rear hooks, cover these units, where they contact your "power plant," with rubber tubing cut from rubber covered electric wire or wind 1/8-inch strips of electrician's tape around the hooks.

A quick way to tighten up paper on wings, fuselage, etc., is to hold the same for a second or two over a steaming kettle spout, then dry for ten minutes and apply banana oil or thinned dope.

Pants

The weight of the wooden wheel pants in an indoor flying scale contest, is a sore spot with model builders, and often means the difference between victory and defeat. Try a pant that is built up and tissue covered. Submitted by J. O. Rudd, Montreal, Canada.

Realistic Replicas

Here is a hint for solid model fans for imitating ribs of the real fabric-covered ships. The method is as follows: 1. Thread is laid across the wing and glued, as many threads as there are ribs in the real ship are used. 2. Obtain some very thin silk and glue it over the threads, be sure and get it on with no wrinkles, trim the edges of the wing and paint it. The resulting job resembles greatly the fabric covered surfaces of a real ship. This may also be used on tail surfaces. Submitted by Joe Smith, Seattle, Wash.

Details From Valves

Discarded Schroder tire valves yield good accessories. The tiny springs can be used for shock absorbers, while the cores or shafts make good imitation Lewis machine gun barrels. Also for Colt air-cooled rear machine guns, the valve springs make good cooling ring imitations. A thick, ordinary shirt button makes an excellent machine gun drum after the holes are filled and painted over. Bent common pins make

good cocking handles or grips for machine guns.

Look into the use of these small ladies dress snaps for possibilities on models. One section of a snap with a hole punched through the little projection makes a fine combination propeller shaft bearing and washer to glue on your nose block and the rear of the propeller shaft hole, using regular flat 1/8-inch or 1/4-inch brass washers in between.

Insignia

Here's an idea that has helped get a good job in applying insignia on flying models.

Instead of trying to paint the insignia on the side of the plane when it is finished, paint it on a sheet of tissue glued on a frame. The frame may be of any size. The tissue may be shrunk on the frame, or after the insignia is finished it may be put on the plane and then shrunk. The insignia may also be cut along the outline and doped on the tissue of the plane. Submitted by Henry W. Blaha, Cicero, Ill.

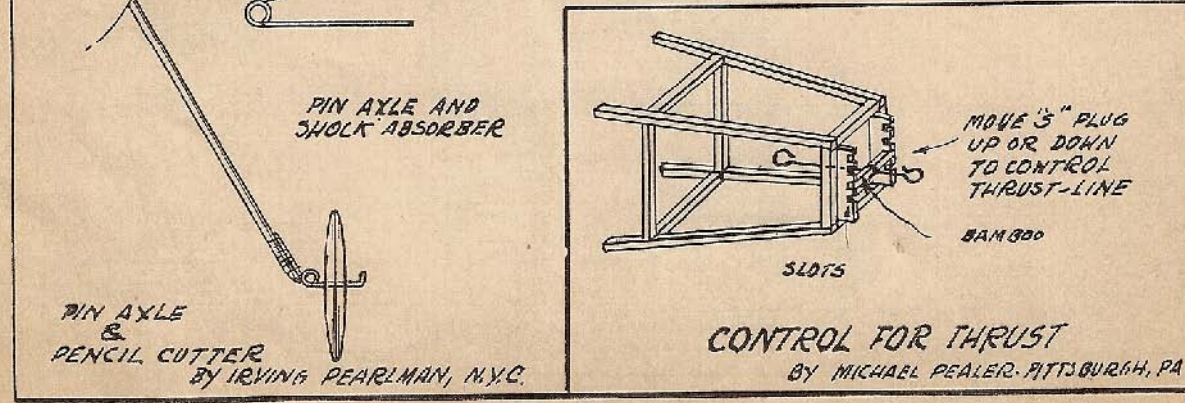
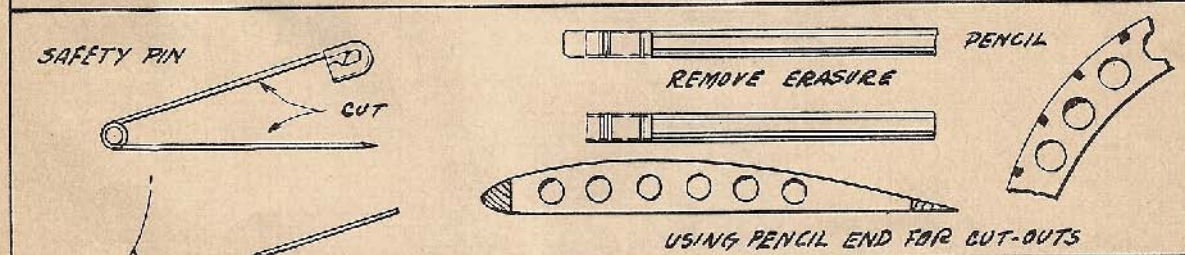
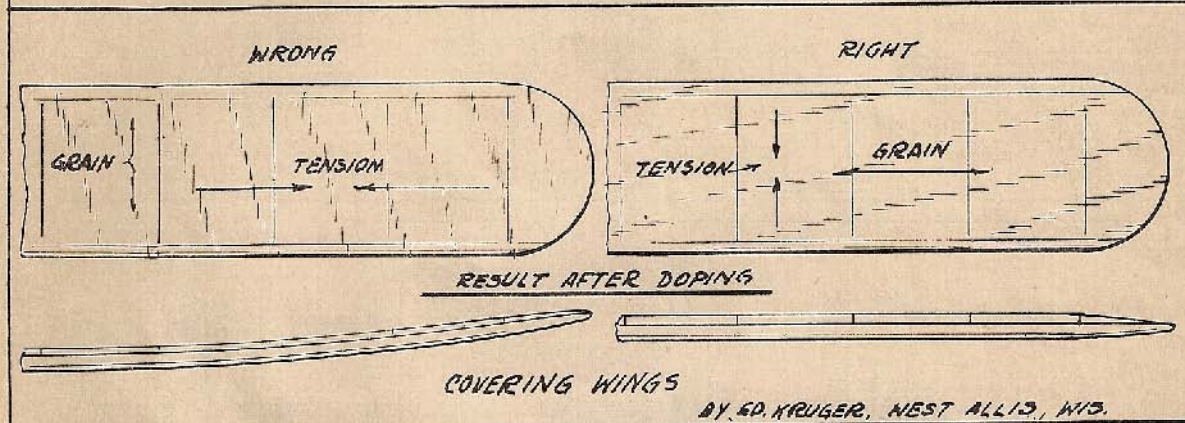
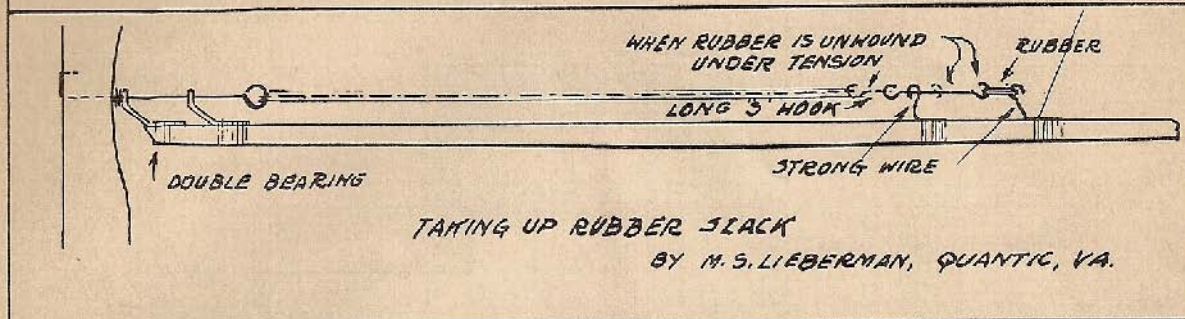
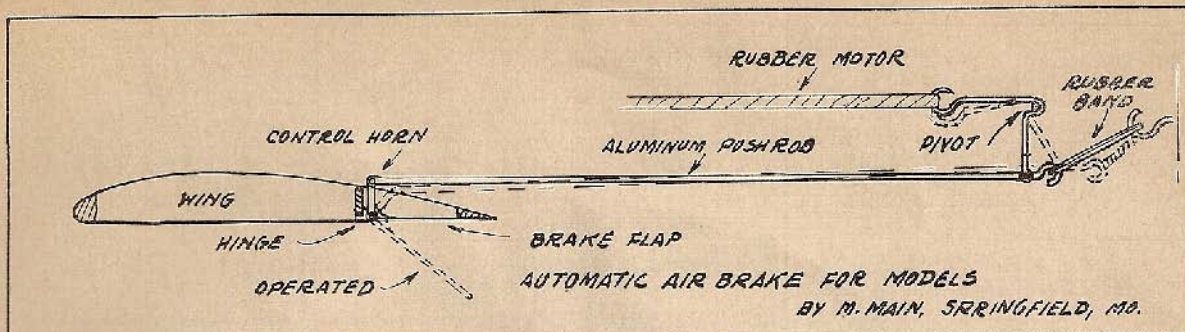
Kit Aid

Most model airplane concerns use the so-called "half shell construction." Instead of tracing the opposite half of the views on the back of the plan using time and worry, take a little oil or some other greasy substance and rub it on the plan. The paper will soon become transparent and you will be able to see the other view. Reverse the plan and lay a piece of white paper under the plan, and you will be able to see clearly, the opposite half. Submitted by Arthur W. Fraser, New York, N. Y.

Model Radiators

If you are making a model plane that needs a radiator, instead of cutting out the paper radiator on your plans, try this—

Get an old radio tube and break the glass around it. Remove the wire screen you find inside, being careful not to stretch it. Flatten the screen and cut out the desired shape. Glue it in place, and notice how realistic and similar to the real plane's radiator it looks. Submitted by Warren Koerner, Evansville, Ind.





HANGAR NEWS

Scale Fly In

May 7, 2011

Site: Cactus Park

First Weed Wacker Flying Field

AMA Sanction: applied for
San Diego County Cactus Park,
Ashwood St., Lakeside, CA



Entry Fee: \$10

Scale or Semi-Scale Models Welcome

CD: Lee Main

Pilots Check In: 8:00 AM

Pilots Briefing 8:45-9:00 AM

Awards

Best Military

Best Civilian

Peoples Choice

Food & Beverages available

Raffles: Open Raffle



For Info contact Lee Main 619-258-0812

Email: hlmain1@hotmail.com

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



WHAT'S HAPPENING - MAY / JUNE 2011

May 1 - Indoor Fun Fly, Grossmont College, 9:00 am.

May 13 - Time to get ready for the Dual Club Annual @ Lost Hills,
NO MEETING ON THIS 2ND FRIDAY OF THE MONTH.

May 14/15 **2011 Dual Club Free Flight Bonanza @ Lost Hills,
See enclosed (revised) contest flyer.**

June 1 - Indoor Fun Fly, Grossmont College, 9:00 am.

June 10 - Orbiteer Monthly Meeting, Scripps' Ranch, 7:00 pm.

June 12 - Outdoor Monthly, Otay Mesa, 8:00 am.