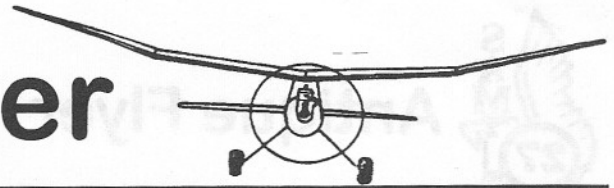




Antique Flyer



AMA CHAPTER #108

September 1996

Issue 169

August Chapter Meeting

By John Carlson

The hard benches were gone, the new chairs were there, and 21 happy butts were cradled in comfort on this warm August evening. Visitors included Nelda Sanford, Nick's Bride, and both just returned from their Alaska cruise. Also making her first appearance in many months was Janina Robinson, residing again in San Francisco. We hope to see you ladies often. George Benson brought new member Jerry Long to his first meeting. Next time also bring Phobi.

ANNOUNCEMENTS

A flyer was circulated announcing the Fresno GMAC & Stockton AMPS sponsored super FF meet to be held at Lost Hills on September 21 & 22. This is one of the premier FF contests of the year.

The EAA Calendar (1997) is again available for ordering. A sample was passed around. The price is now \$7, an increase of \$1 over previous years. Members may order at the September or October meetings, or by phoning John Carlson. Payment must be received by the date of the October meeting or your order will not be filled.

Don Bekins announced the results of the recent SAM elections. Bill Booth Sr. of Fresno, CA will be the new President of SAM, North America. The new Eastern VP is Jim Coffin. All other incumbent officers were re-elected. All By-Laws Revisions were passed. The new officers will be installed at the business meeting during the SAM CHAMPS. Fewer than 10% of the membership returned ballots.

Welcome (in absentia) new member:
Bill Langenberg
420 Bolla Place
Alamo, CA 94507
(510) 831 0626

JR O/T REPORT

Rocco was not present but Prez Rod reported that he had talked to him about SAM 27 sponsoring one or two Juniors for attendance at Rocco's Space Academy, using some of the moneys set aside for such purposes. Rocco had a couple of candidates who were financially unable to participate. Rocco was to contact John Carlson regarding the amount required.

OLD BUSINESS

O & R Decals and T-Shirts John Carlson reported that the adv. appearing in SAM SPEAKS had, to-date, generated sales of about 50 decals and 2 T-shirts.

SAM 27 & AMPS/SAM 32 Special Rubber Meet - July 27 Jerry Rocha reported on this meet. The results appear elsewhere herein.

Jimmie Allen Event

Jerry Rocha reminded those present that the third JA contest would be held the coming Saturday, August 24. This will be the contest used as SAM 27's entry in the Postal Meet and will require ROG takeoffs. Each contestant's score will be the sum of the three longest flights of six attempts with a 3 min. max. Jerry expects about 12 models to compete. The event was previously flown during the O/T Rubber meet on July 27 and was originally intended to be our entry in the Postal Meet but the windy conditions caused a postponement to 8/24. Joe Meere produced the Skelly Oil sign he had purchased as the Jimmie Allen trophy. The sign is about 10" x 14", porcelain enamel on steel. It will be mounted on a wood base carrying a plaque naming the winner. Jerry also advised that he is considering holding future O/T Rubber Meets later in the season in the hope of having less windy conditions than experienced at the last two meets.

Crash & Bash - Sept. 7 & 8

CD Ed Hamler reported that a flyer had

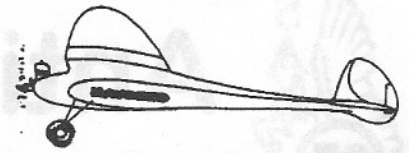
been mailed to all previous contestants. A request was made for more prizes to be donated for the raffle and that prizes did not have to be model oriented. In the past, non-modeling prizes generated considerable interest by the ladies present. Prez Rod also reminded members that they would be expected to volunteer for chores such as moving tables and benches, and for cleanup.

Meeting Room Gift

At the last meeting it was suggested that we make some sort of a gift to the Novato Fire Protection people as a mark of our appreciation for the use of the meeting room. In a phone call to discuss what might be appropriate, we were advised that the FP District rules prohibit acceptance of gifts. Prez Rod suggested that there may be a Firemens Association who could accept a gift. Another phone call will be made to explore this approach.

Wes Funk - Newsletter Editor Award

This item of old business, although discussed at prior meetings, did not appear in the A-F because we did not want to spoil the surprise for Wes. Anyway, in a discussion several months ago with Jim McNeill, Correspondence Editor of the AMA National Newsletter, Jim commented on the quality of our Newsletter and offered to prepare certificate of commendation for our Editor, Wes Funk. This offer was enthusiastically accepted and the nicely mounted and personalized Certificate was received in July. Not knowing when Wes, who lives in Truckee, CA, would be attending a SAM 27 meeting or contest, it was decided that Jerry Rocha would bring the award to the NW FF Champs Meet in Oregon on Aug. 17-18. Jerry reported that during the Awards Barbecue, SAM 27 member and SAM SPEAKS Editor at Large, "Old Charlie" Reich got up and talked at some length before Wes tumbled to the realization that he was the subject. After wiping barbecue sauce off his face he accepted the Certificate with obvious surprise and pleasure, and to the applause of the 100 or so present. Good going Wes, we all



concur that you greatly deserve this mark of recognition for your great work!

1/2 A Texaco Challenge - Postal Meet - August 2 SAM 27, being the winner of last years contest was the sponsor of the 1996 event. CD Ed Hamler reported that SAM 27 finished 6th this year. A detailed report appears elsewhere herein and should also be reported in the next issue of SAM SPEAKS.

NEW BUSINESS

Gold Coast Eagles - SAM 101 Meet

Ed Hamler attended this meet held on July 20-21 at Oxnard, CA. Ed reported that there was a good turnout of about 30 contestants. The flying site is in a hilly area with a sea breeze and with strong down air close to the ground contributing to a number of out of bounds landings (Ed had 2). Ed placed in several events. Eut Tileston was the overall winner. "Huge" wood trophies were awarded. There was a good Raffle with many worthwhile prizes. Ed's Class A Playboy diesel had a fuel shutoff problem resulting in a 5 minute motor run and a nearly out-of-sight model. Ed said it was a "hair raiser" but he managed to get the model back.

SAM 34 & 51 High Sierra Annual

Ed Hamler and Don Bekins attended this meet held near Carson City, NV. There were over 30 contestants, including one from Texas and one from Florida, in addition to the several from California and Arizona. The weather was good except a strong wind came up suddenly both days at about 1:30 PM, effectively ending that days flying and posing retrieval problems for those still up at that time. Don Bekins won the Sweepstakes. Only one point separated him, the second place winner Bob Greisse(?) and the third place, Eut Tileston. Speaking of Eut, his Ohlsson 60 powered Cub went out of control on takeoff and hit Don in the arm while Don's model was high in the air. Ed Hamler took control and landed Don's model while others were giving first aid. Don suffered a severely bruised upper left arm and a prop cut, but all were thankful that he wasn't hit in the head.

Meeting Room Keys

John Carlson asked if anyone besides him

had a key to the meeting room. No one present did so it was agreed that the President should be the custodian of the spare key. This should avoid parking lot open air meetings should John have a flat, or something.

Future Napa Meeting

We are about due for another meeting in Rocco Ferrario's classroom at the Redwood Middle School in Napa. Prior meetings there have been followed by rubber and HLG model flying in the gym which was a lot of fun. Our last meeting there was in March of this year and featured a paper glider contest CD'd by Buzz Passarino. These meetings always attract a number of Jr. O/T'ers or potential Jr.'s. A suitable date, possibly in October, will be discussed with Rocco and notice will be given in the A-F.

Monthly Raffle

Special Prizes Prez Rod suggested that once or twice a year a good (Klarich or equivalent) O/T kit of a model suitable for entry in SAM contests be purchased for the raffle. This should be in October or November to allow model completion for the next season. All agreed. Joe Meere (our Raffle Meister) will make the selection.

TECHNICAL PRESENTATION

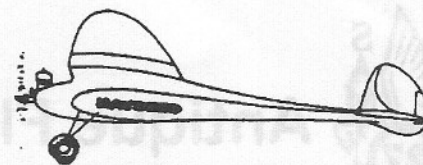
Ed Hamler showed up with boxes of samples and tools to aid in his long awaited presentation on wood joinery. As most of us know, Ed is one of our premier builders with such enviable workmanship, especially precisely fitted wood joints, that many of the rest of us feel a little inadequate. Well tonight Ed tells us why and how he does it. As to the "why", Ed says it is more of an attitude or compulsion, rather than need, to make precise joints. Most glues are stronger than balsa, and any reasonably well fitted joint will have sufficient strength. Ed just gets pleasure out of precision. As to "how", Ed always cuts his wood members long and sands them down to exact length and angle. Most of the time he uses a miter sanding gadget made by Foremost. This has a moveable sanding block which slides in a guide groove. It

has fixed right angle and adjustable angle miter gauges to hold the piece in position. The angle can be measured by an adjustable protractor held to the plans and then transferred to the adjustable miter gauge. Where a member has one end at an angle and the other square, it is best to sand the angle first and then sand the square end down to a perfect fit. Always start with the longest piece. If it comes out too short it may be used for the next shorter member. For situations where both ends are angled on repetitive members, Ed often uses two of the Foremost gadgets to avoid constantly resetting the miter gauge. Where duplicate pieces, such as fuselage cross members, are required it is best to make them at the same time so that lengths and angles are exactly the same. In such cases it is wise to mark the pieces in some way to indicate the top or front.

Precision fitting requires the proper combination of eyesight and feel. Often feel is better than the eye. Good lighting is a necessity. Sometimes a moveable source such as a flashlight held at an angle is helpful.

When making duplicate fuselage sides directly over the plans, Ed makes one side first and instead of using waxed paper for separation he places a small piece of "magic" tape over each joint before building the second side. Building one side directly on top of the other and separating with a razor blade after the glue has dried, is not recommended.

Ed uses a number of specialized tools, often home made. These include miter boxes, miter saws, weights, blocks (right angled or sawn to a specialized angle), pins of various types and sizes, and of course, a true and flat building surface which will hold pins. A dial micrometer is useful, especially to check the cross section dimensions of sticks which may vary several thousandths from their nominal size. A spar notching tool may be made by gluing a strip of sandpaper to a piece of the spar material. The depth of cut may be controlled by gluing small strips to the side of the spar material at the proper location. These should not be full length; a short section of spar without the depth guides will permit sanding the notch slightly deeper if the spar material has some dimensional variations. Ed has made a jig which permits precision scarf cuts when required. It consists of two



sheets of plywood which can be clamped by means of wing bolts over the piece to be scarfed. A guide strip is glued to the top of the lower plywood piece to provide a 10:1 scarf angle. To the bottom of this plywood piece is glued a strip which fits the miter gauge slot of a small table saw. To get a proper dihedral or polyhedral angle on the leading and trailing edges, and spars of a partially assembled wing section, Ed uses a little trigonometry to calculate the angle from the plan dimensions and sets the table of his Shopsmith at this angle. The large sanding disc of the Shopsmith is mounted on its spindle. The sanding disc is stationary (no power) during these operations. The setup is merely a jig to obtain the proper angles. The wing section is placed on the table and moved against the sanding disc to get the end of each member properly aligned and at the same angle. Ed always does extensive sanding on assemblies or sub-assemblies to remove high spots on flat assemblies, and to align the edges of adjacent ribs in both straight and tapered wings and tail assemblies. A good selection of large, small and long sanding blocks with appropriate grit sandpaper are required. Ed may use any of several types of glues depending on the application. Aliphatic products such as Titebond are soft enough to permit sanding without the problems of hard spots obtained with epoxies and CyA

products. Although Titebond II is more water resistant, Ed likes the regular Titebond better. Hobby Poxy Formula 1, although hard to sand if not cleaned up with acetone before hardening, is used where greater strength is required. Ed still keeps some Ambroid on hand for use when the notion strikes.

To illustrate his presentation, Ed passed around for inspection some of his tools, jigs, and assemblies, both partial and completed.

Thank you Ed for a very complete and informative presentation.

SHOW & TELL

George Benson showed a recently completed peanut Spitfire built from an EZ Built kit. They are now producing laser cut parts and recently moved from Ontario to New York, probably to reduce the money exchange hassle. George also showed a sample of silver Japanese tissue he had made with the use of Krylon spray paint. The last item shown was a neat little plastic nose block with eccentric pieces permitting a 10 degree thrust angle adjustment. The gadget is just right for models of Peanut scale size. George mail ordered his from England but has written Old Timer Model Supply suggesting they carry the item. Cost is \$2 or \$3.

Rick Madden produced a Fed Express

envelope which is made from a tough plastic paper material trade marked Tyvek. Rick reports that this product makes excellent hinges. One envelope should produce a lifetime supply of hinges and is free for the asking at Fed EX pickup locations.

Ron Keil showed a photo of an R/C autogyro that he and several others made as a gift for a terminally ill fellow SAM 74 member. The group took only 10 days to scratch build the model from plans. The rotor head was quite complex, requiring careful machine work. Ron believes the model will soon be available in kit form. After a couple of flights to adjust trim, the model flies quite well and touch and gos are easy. Climb and descent are controlled by power and direction by rudder. Power is an O.S. 30.

John Hlebcar displayed a copy of the latest NFFS Symposium now available from Fred Terzian.

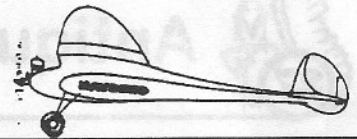
Rod Persons showed his completed Jimmie Allen Skokie model. The main color (contrary to the request of several other members) was yellow but Rod did a partial redemption by painting the long nose red. The model would have been a strong contender for the JA Concours had Rod finished it in time. Instead of rubber banding, the wing is glued in place. The tail assembly is fastened to a hinged section of the rear fuselage to provide the D/T. The rudder is adjustable.

RAFFLE

PRIZE	DONOR	WINNER
P - 47 24" WS	SAM 27	John Hlebcar
P - 61 38" WS	SAM 27	Rod Persons
1/2 A Texaco Engine	SAM 27	Ron Keil
Small Parts Catalog	Jerry Rocha	Brian Ramsey
Sanding Bar	SAM 27	George Benson
Epoxy	SAM 27	Joe Meere
Total		\$45.00

Right: Sam 27 group at the Lakeville flying field. Can you pick out the real Jimmie Allen ?





Results of the July 27th Jimmie Allen Postal Meet are at the lower left:
The .020 Replica & 1/4 A Nostalgia (combined) results are lower right:

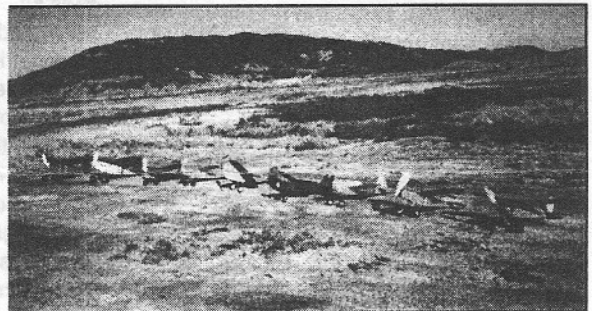
Below: Jerry Rocha praying to the Thermal Gods! "Please, Thermal, Thermal, Thermal!"

1	Jerry Roacha	540 sec.
2	Fred Emmert	469 "
3	Jerry Long	255 "
4	George Benson	245 "
5	Bill Hurley	154 "
6	Phobi Long	103 "
7	John Hlebcar	32 "

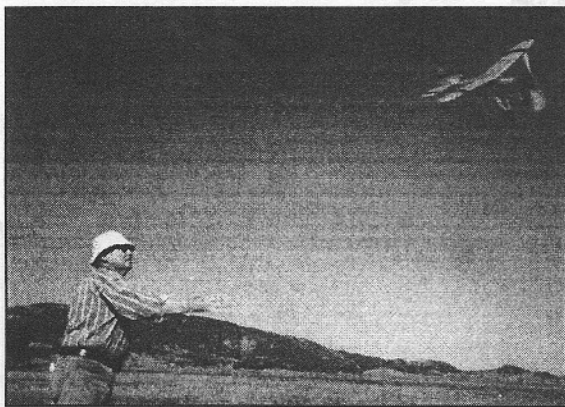
1	Jerry Rocha	346 sec
2	John Hlebcar	207 "
3	Dick O'Brien	139 "
4	Fred Emmert	25 "

SAM 27 members travel to Oregon and did well in the Northwest Free Flight Champs. Below are some of the results.

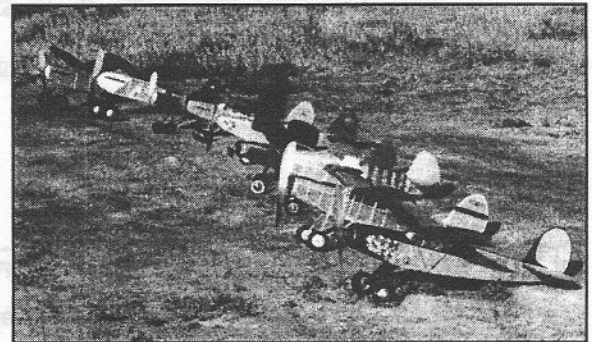
Jerry Rocha	.020 Replica	1st
Jerry Rocha	Gollywock	1st
Jerry Rocha	Orig. Nostalgia	1st
Jerry Rocha	A Nostalgia	2nd
Bill Vanderbeek	1/2 A Gas	1st
Wes Funk	1/2 A Nostalgia	1st
Wes Funk	.020 Replica	3rd



Right: A couple of shots of the Jimmie Allen Concours at the Lakeville Rd. site.



Left: John Carlson launches his Jimmie Allen entry.



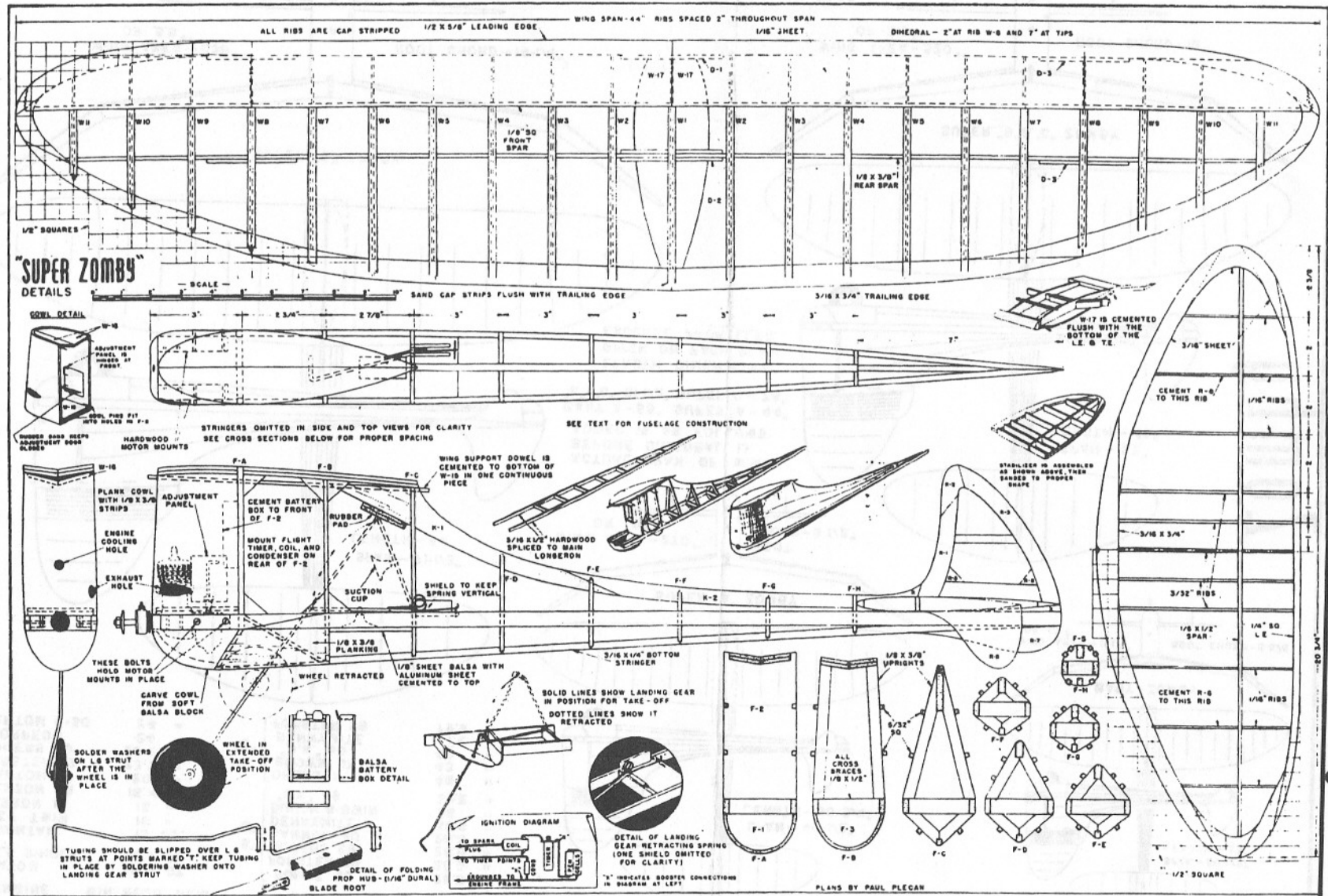
Left: John Hlebcar's Bluebird takes to the air.



Right: Fred Emmert with the Concours Winner.



Jerry Rocha Furnished Photos



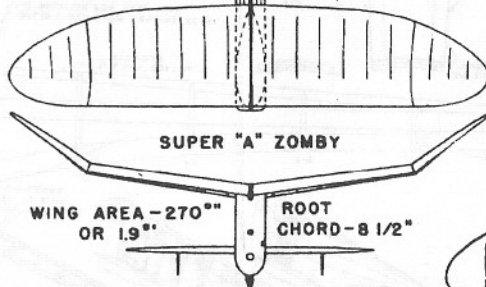
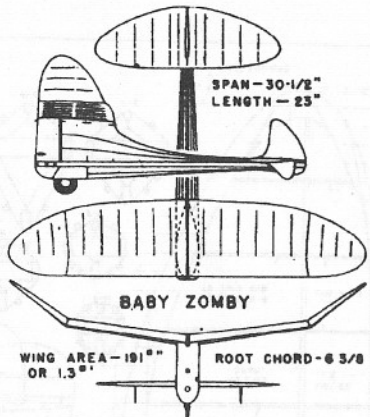
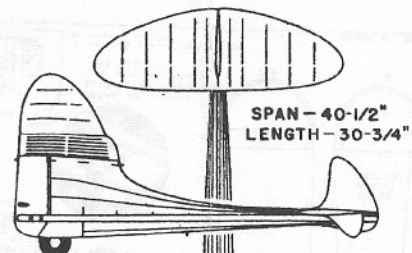
Page 5



PLANS BY PAUL PLEGAN

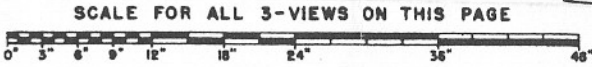
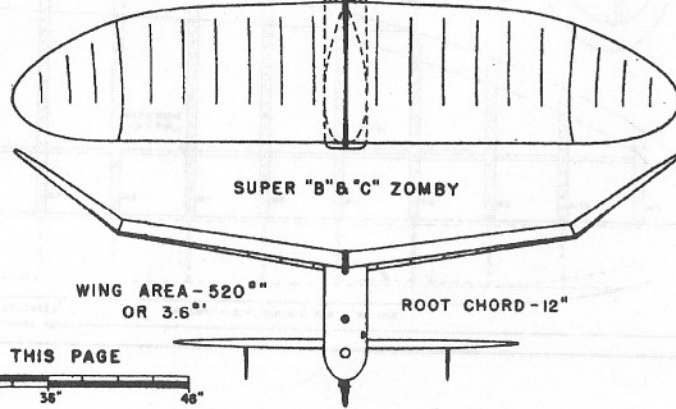
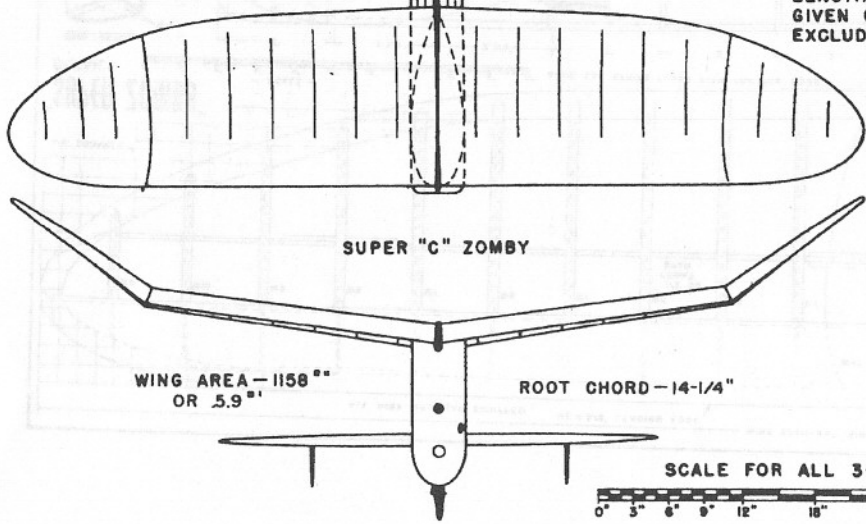
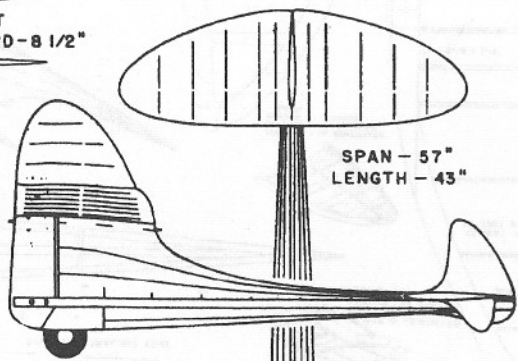
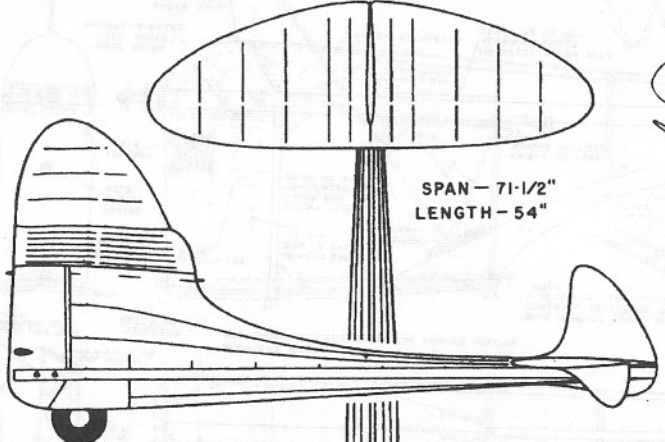
Zomby

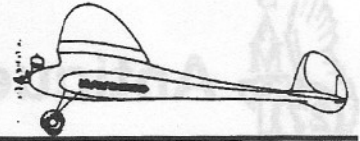
ENGINE	MIN. REQ'D. WEIGHT	ENGINE	MIN. REQ'D. WEIGHT
"A" ATOM	10.4 OZ.	"B" COMET 35	28.8 OZ.
ELF SINGLE	10.4 OZ.	FORSTER 29	28.8 "
BANTAM	16 OZ.	ROGERS 29	28.8 "
ELF TWIN	16 "	"C" CANNON 30	28.8 "
OHLSSON 19	16 "	DENNYMITE	45.6 "
OHLSSON 23	18.4 OZ.	BUNCH & GWIN	36 "
PHANTOM 25	20 "	"O.K." 49	39.2 "
FORSTER 29	23.2 "	OHLSSON 60	48 "
ROGERS 29	23.2 "	BROWN JR	48 "
TORPEDO	24 "	"O.K." 60	48 "
PHANTOM P-30	24 "	DENNYMITE	47.2 "
		FORSTER 99	79.9 "



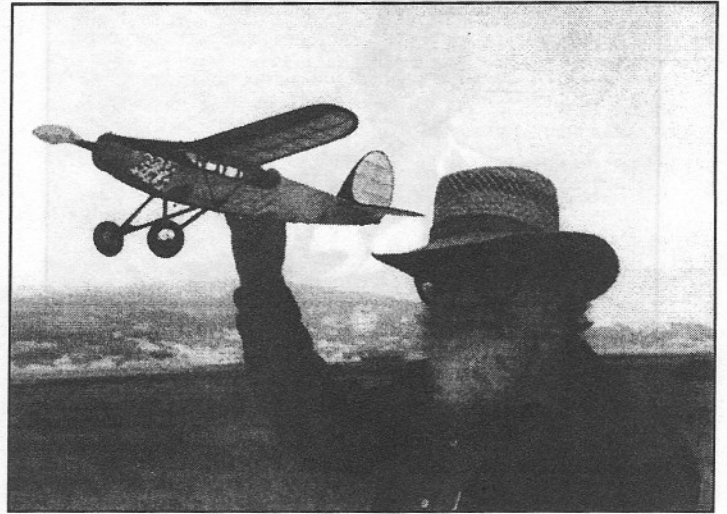
ACTUAL SPAN OF WING BEFORE DIHEDRAL IS ADDED IS AS FOLLOWS:
BABY A - 33" SUPER A - 44"
"B" - "C" - 61-1/2" SUPER C - 74"

LENGTH DIMENSIONS GIVEN ON EACH PLAN EXCLUDE PROPELLER.





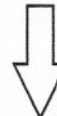
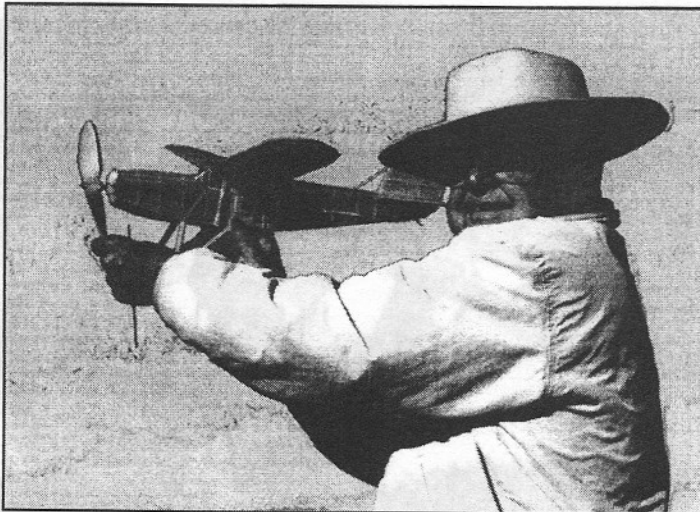
John Carlson with his Skokie !



Bill Hurley with his Skokie !

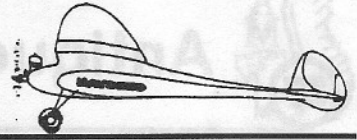


Ray Mc Gowan with his Skokie !



Jerry Rocha with his Skokie !





Jerry Long with his B - A Cabin



Phobi Long with her Yellow Jacket.



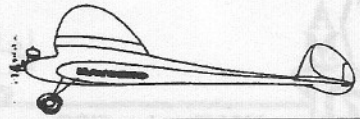
George Benson with a Sky Raider



John Hlebcar with a Bluebird.

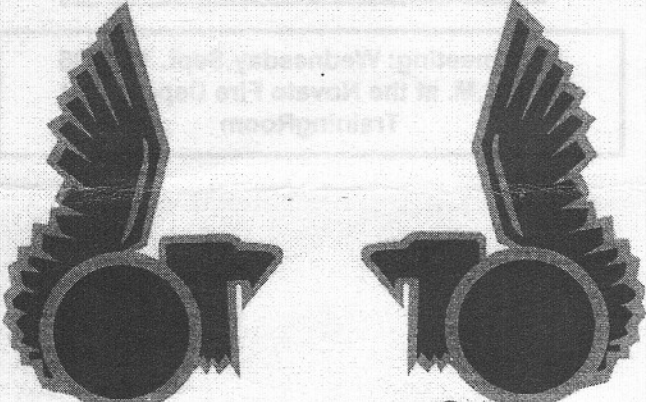
Jerry Rocha Photos



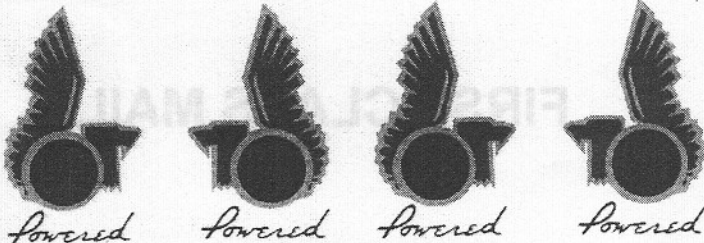


1996 CONTEST SCHEDULE

September 7 - 8	..... SAM 27 Annual Crash & Bash - Jimmie Allen.....	Schmidt Ranch
September 15	..... NCFCC #5	Weagell Field
September 21 - 22	..... Stockton AMPS	Lost Hills
September 28 - 29	..... SAM 30 Fall Annual.....	Schmidt Ranch
October 9 - 14	..... SAM Champs	Pensacola, FL
October 19 - 20	..... S.C.I.F. Annual & San Valeers NOS Annual	Lost Hills
October 19 - 20	..... Sierra Cup	Weagell Field
November 3	..... NCFCC #6	Weagell Field
November 2 - 3	..... John Pond Commemorative	Taft
November 9 - 11	..... SCAMPS & SCIF	Lost Hills
November 16 - 17	..... SAM 49 Fall Annual.....	Taft



Powered *Powered*

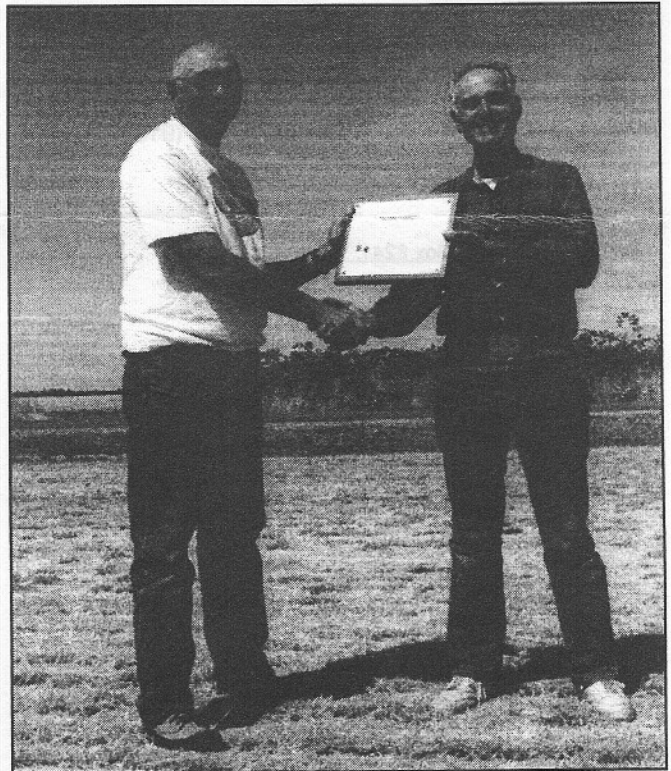


Powered *Powered* *Powered* *Powered*

DECALS
Ohlson & Rice Logo

Exact replicas of decals shipped with original engines
Sheet Size: 7" X 7.5" Send \$2 + SASE

John Carlson, SAM 27
353 Las Casitas Ct.
Sonoma, CA 95476

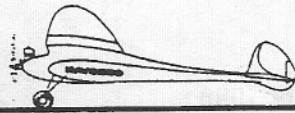


Above: Wes Funk receives an award from the AMA for Newsletter Editor of the Month, which includes membership in the Aero Honor Society for Newsletter Editors. I would like to thank all of my predecessors who are the ones who actually set the precedence for the Antique Flyer and whose format I have followed.

Bruce Augustus Photo



AMChapter #108



OFFICERS

President:

Rod Persons (707) 894-5788
115 Kerry Lane
Cloverdale, Ca. 95425

Vice President:

Pete Samuelsen (707) 224-1023
1023 Roundhill Ct.
Napa, CA 94558

Treasurer:

John Carlson (707) 996-8820
353 Las Casitas Ct.
Sonoma, Ca. 95476

Contest Director:

Ed Hamler (707) 255-3547
3379 Crystal Court
Napa, Ca. 94558

Official Photographer:

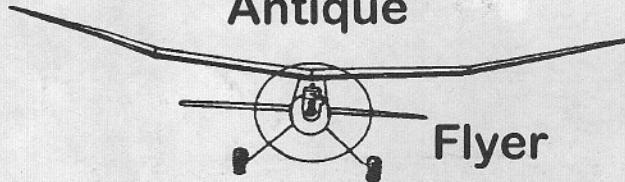
John Hlebcar (707) 252-8482
201 Foster Rd.
Napa, Ca. 94558

Editor:

Wes Funk (916) 587-2785
P.O. Box 8241
Truckee, Ca. 96162

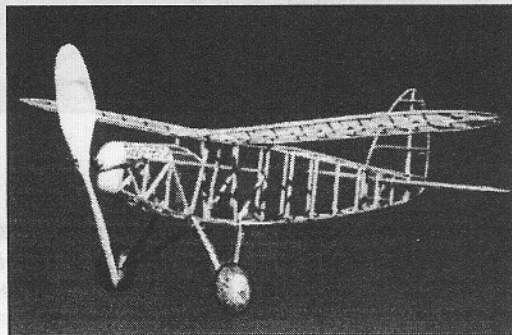
P.O.Box 8241, Truckee, Ca. 96162

Antique



Flyer

September 1996



Brian Ramsey's B-A Cabin.

Jerry Rocha Photo

PLEASE ADVISE EDITOR OF ANY CHANGE OF ADDRESS

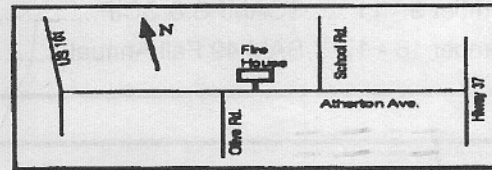
Membership

Membership is \$15 for the calendar year for both Full and Associate Members. After February, the dues for a new member will be prorated.

Full Membership requires that proof of current AMA Membership be presented at time of joining by means of photocopy or presentation to the Treasurer.

Associate Members will receive the Newsletter and may attend meetings, but may not fly at the Club's Lakeville Field or in Club contests.

Send dues to John Carlson, Treasurer. Make checks payable to SAM 27.



**Next meeting: Wednesday, Sept. 18, 1996
7:30 P.M. at the Novato Fire Department
Training Room**



FIRST CLASS MAIL

Steve Romington
1034 Melrose Ave.
Alameda, CA 94502