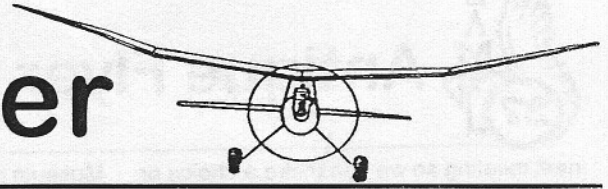




Antique Flyer



AMA CHAPTER #108

January 1996

Issue 161

December Chapter Meeting

By John Carlson

Considering the closeness to Christmas and all the social demands for many, a meeting turnout of 23 is not bad, and all attendees seemed to enjoy the meeting. The Jr O/T group was represented by Sean Crowley accompanied by Grace Ranoa. Another seldom seen member attending was Sky Greenawalt. We wish these younger members could attend more often but late night meetings often must take a back seat to school obligations. Glad you could make it. Bill Vanderbeek made the long trek up from the Peninsula, as usual bringing with him more neat stuff to add to the raffle prize collection. Thanks Bill!

ANNOUNCEMENTS

The **Membership Dues for 1996** are now payable. As of 12/22/95, 33 members had renewed. Membership cards are being mailed to all paid up members. Anyone not receiving their card within two weeks of payment should contact the Secretary/Treasurer.

Prez Rod announced he had received a Christmas card from Janina Robinson addressed to the Club, but apologized for forgetting to bring it to the meeting. Thanks Janina.

Don Bekins advised of the recent death of Ken Sykora, long time proprietor of the Oldtimer Model Supply Shop of Van Nuys, CA, source of plans, specialized rubber model items, and an active SAM competitor. The Club will send a sympathy card to the family.

JR O/T REPORT

Rocco Ferrario advised that the AMA is sponsoring a 2 day trip for him and another science teacher with a youth modeling program to the Long Beach Hobby Expo on January 19-21. They will

have a booth to display and demonstrate their youth modeling programs and materials. A meeting with AMA officials is also scheduled to explore means to expand youth participation in the modeling experience. We hope Rocco will be making a full report at our February meeting.

Rocco also reported that he is sponsoring a free flight team of Redwood Middle School students to participate in several of the 1996 Waegell Field meets. Materials and technical assistance will be furnished at no cost to the student but parents must agree to provide transportation and to reimburse the program in cases where the student does not participate in a minimum number of events. It looks like Rocco will be busy in the new year.

There was further discussion on ways to use the money allocated to the Jr. O/T program. Ron Keil told of an effort at Clear Lake where one of the local clubs sponsored a modeling program in conjunction with the Public Library. He had no information on the success or level of participation. It was pointed out that the 5-level Jr. O/T Program described in the December 1993 Antique Flyer was later modified to include a \$100 honorarium for successful completion and high school graduation. Sean Crowley apparently is the only one to date qualified except graduation is more than a year away. Hang in there Sean. Apparently this general subject will be a continuing item for discussion.

OLD BUSINESS

O&R Decals The previous issue of the A-F contained an offer for other clubs to participate in the purchase of another supply of the O&R decals. We asked for responses by Feb. 1. No responses to date.

Christmas Party The Dec. 3 party was held again at Papas' Taverna on the Lakeville Road. This was the first year we used the downstairs room and the

additional space provided was appreciated by all. About 30 members, spouses, family and friends attended and all comments were favorable. John Hlebcar was the raffle chairman and conducted both a "White Elephant" raffle which resulted in many "steals" and a regular raffle for club purchased prizes, most of which were of the edible delicacy type. Thanks John! Our guests for the event were Miriam and Loren Schmidt - it was good to have you both, we hope to make your attendance an annual event.

Tim Younggren 1/4 A Memorial Prez Rod presented Jerry Rocha, the winner of the four contests, with an engraved plaque and a new Cox .020 engine. Congratulations Jerry. A complete report of this event appears elsewhere herein.

Technical Presentations Volunteers for future meetings were Nick Sariford in January on making fiberglass cowlings, and Earl Hoffman in February on the construction of indoor models. More volunteers and/or suggestions would be appreciated.

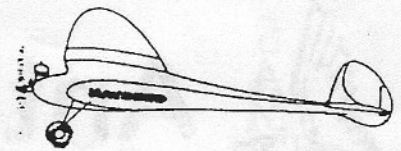
Schedule Napa Meeting The March 20 meeting will be held at the Napa Redwood Middle School in Rocco's classroom. Prez Rod hopes to have noted FF modeler Roger Gregory make a presentation on carving propellers. The meeting will be followed by an indoor flying session, so get your Peanuts, Hangar Rats, etc., tuned up. Rocco hopes to arrange for the use of the Gym for this. We have done this several times in the past, and in addition to attracting many of the juniors, we think some of you who haven't attended previously will enjoy the evening. John Hlebcar suggested a paper airplane contest to be flown in the gym. Maybe John and/or others will have some rules to suggest at the next meeting.

Club Name A Club name to replace the current "Northern California Chapter" was further discussed. Suggestions included: Thermal Riders, Antique Eagles, Gray Eagles, Early Birds, and Bald Eagles. All are urged to bring their suggestions to the



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next meeting so we can make a choice or just forget the subject.

Dope and Thinner Bulk Purchase Prez Rod reported that none of the potential sources he has approached have panned out. Charlie Banks mentioned a possible source in Emeryville which Rod will check out.

1996 Club Project It was agreed that we would continue the 1995 Project's Tim Younggren 1/4 A Contest as an annual event with the first meet to be flown in conjunction with the Annual SAM27/AMPS O/T Rubber meet to be held probably in July. A suggestion was made to separate the OT and Nostalgia into separate events. It was agreed to keep them combined except that the CD could make a decision to separate at the field if enough of each type were present. For the 1996 Project it was agreed to accept Jerry Rocha's suggestion to have several contests for Jimmy Allen rubber models. There are about 6 designs (in the 24"-30" range) from which to choose. Jerry will order plans from John Pond and have them available next meeting. (Post Note: The Sept.-Oct. issue of SAM SPEAKS contains a short article on a 1995 Jimmie Allen Air Races Postal Challenge including Contest Rules. Details will be requested relative to a possible SAM 27 entry in 1996.)

NEW BUSINESS

Hobby Expo Prez Rod announced that he had been informed of a large Model/Hobby Expo scheduled for May 18-19 at the Sonoma County Fairgrounds in Santa Rosa. There will be about 250 booths for manufacturers and suppliers to the industry and available to other groups who may wish to display or present their programs. About 160 booths were reported to have been sold to date. Rod suggested that SAM 27 participate by renting a booth. There was a possibility of getting a reduced rate for a non-commercial exhibitor. Rod was authorized to commit up to \$200 for a booth. The booth must be manned from 8 AM to 8 PM. Professional security will be provided for other hours. More on this subject next meeting.

Hiller Museum Steve Remington updated us on the progress of the Hiller Helicopter

Museum planned for the San Carlos Airport. Funding is all secure but the permit process is delaying things so that opening is 1-2 years in the future. Steve reported that much of the museum collection is presently in a Redwood City warehouse and, although not open to the general public, group tours could be arranged. It was agreed to schedule a SAM 27 tour for Sat. March 30. (Steve subsequently confirmed that date is acceptable, the time of day yet to be determined).

Show & Tell for January Meeting Prez Rod proposed and it was agreed that the January Show & Tell session would feature a "Skeleton-in-the-Closet" event. Most everyone has one or more, (in some cases many), unfinished projects tucked away in various stages of completion. All are urged to bring one or more of these for display and possible trade with other participants. If you are willing to trade, remember that the plans and any yet unused kit parts must accompany the "skeleton". Take a look in your closets, attics, rafters or wherever else you stash these orphans and bring same to the meeting.

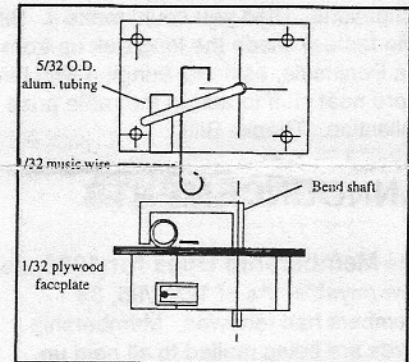
Smart Charger Don Bekins advised that ACE R/C has purchased the rights to the "Smart Charger", apparently the item shown by Ray McGowan in the November Show & Tell. This device safely quick charges Tx and Rx batteries from a 12v source and is particularly useful for field use. The retail cost is about \$110 but available to Don as an ACE dealer for \$83. It was agreed that Don should purchase two for raffle prizes.

NCCFFC Prize Fund A suggestion had been received from Loren Schmidt that SAM 27 contribute \$25 to the prize fund for the R/C events flown at the NCCFFC Waegell Field meets. This was approved. A check will be mailed to Steve Geraghty.

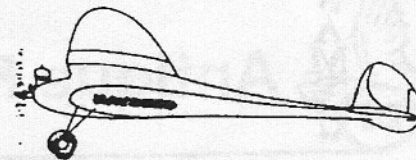
TECHNICAL PRESENTATION

Jerry Rocha demonstrated the several steps in making a fuel cutoff timer from a Tomy Toy mechanism. Jerry made available several copies of the Sept.-Oct.

issue of the SAM SPEAKS article by Bruce Augustus on which Jerry's presentation was based. This write-up of the presentation will be somewhat sketchy as all of the basic information is contained in the article. The presentation was especially valuable because Jerry had made up examples of the timer at the completion of each step. Seeing these examples in conjunction with the article should greatly facilitate construction. It is first necessary to obtain the appropriate Tomy Toy. Jerry used a Model 2576 which cost \$1.99. Toys which hop or turn somersaults are generally suitable. There are others whose mechanism are unsuitable. The mechanism must be slowed down to about 30 sec/rev. by adding weight to the speed regulator, a small vibrating nylon pawl.



The mechanism is mounted on a piece of 1/32" ply of appropriate size and with a hole drilled to accommodate the mechanism shaft. The shaft is modified by adding an extension of appropriate shape to pinch or fold off a section of fuel tubing fed thru a small length of aluminum tubing epoxied to the ply face plate. A length of 1/32" music wire is shaped and epoxied to the faceplate in such a way to restrain the shaft until released. Epoxy or slow setting CA may be used to secure parts together. Avoid thin CA, as any getting into the mechanism will result in you starting all over again. A properly made timer will weigh only 4 or 5 grams and is suitable for 1/4A and 1/2A applications. To cap off the demonstration Bill Vanderbeek had brought a bag full of fuel cutoff and DT timers and parts he had given to him by Paul Androtti. Everyone present were given two, and there were probably a few left over. Thanks Bill and Paul!



SHOW & TELL

Brian Ramsey, about three years ago, told a friend who frequented flea markets that if he saw any model engines to pick them up. Well, after the three year wait Brian was able to display a good looking K&B 61 Sportster his friend found for only \$20.

Ron Keil showed a completed, nicely built 1/2A Bomber covered with SAMSPAN. Ron liked this covering material but was unable to get satisfactory results with the aniline dyes to give it the desired finished coloring. He thinks he will use Hobbypoxy. Maybe we could get Don Bekins to give a technical presentation on the use of the aniline dyes he has had success with. The model had balsa wheels turned by Ron and dipped in the plastic material usually used to coat tool handles. They looked to be quite sturdy.

Bill Vanderbeek displayed a 10 year old Bay Ridge Mike he had built from a Tyro kit. It was Bill's first R/C model with which he had pretty good success in contests. The model was powered by a Cox Black Widow and featured Coke can Wheels. Bill donated the model to Rocco for the use of his youth program.

Fred Wardenburg told of contests he had entered in the '38-'40's era in Wisconsin. He reported that at that time such meets attracted many spectators from a fairly wide area. Fred displayed Phantom Bullet and Baby Cyclone engines that he had preserved from that time. Fred has just recently returned to modeling and may be using these engines.

Tim Eriksen told of the maiden flights of his self designed model he showed at the October meeting. It seems he discovered (the hard way) that the Rx antenna must be uncoiled and extended before flight. The initial flight unintentionally became in the FF category. The engine quit and the model landed with little damage. Tim extended the antenna for the second flight but with human control this time, managed to crash the model. Don't give up Tim - most of us can say "Been There - Done That."

John Carlson started his S&T with the

statement that he did a very foolish thing at age 17. He joined the Naval Reserve at a Squadron based at Oakland Airport resulting eventually in his being called to active duty in July 1941, months prior to Pearl Harbor. The Squadron had an entire hangar with about six Grumman SF-1's, a Berliner Joyce OJ-2 and a Grumman JF-2 "Duck", all biplanes. The major occupation of the Apprentice Seamen during the Sunday drills was to sweep down the hangar deck, wax the decks in the offices, ready room, etc., and to wipe down the undersides of the aircraft after returning from the training flights. For this, the apprentices, if they were lucky, got a hop on one of the flights every 6 or 8 weeks. The training flights were usually gunnery runs or dive bombing runs over the ocean between the Golden gate and Point Reyes. The gunnery runs were at a target sleeve towed by the "Duck" and the dive bombing at a target sled towed by a Navy tug. The weekend pilots sometimes got a little exuberant and the guy in the back seat often had to clean up after himself. John reported he came close but by opening the canopy and breathing fresh air he managed to avoid having the nasty

cleanup. At this time (about 1938) John had a \$12.50 Argus 35mm camera and one time took it along. Besides some ground shots there were several taken in the air with the SF-1's in formation, one with San Francisco, Lands End and Golden Gate Park in the background. Prints of these pictures were passed around.

YEAR-END RAFFLE

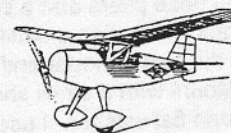
Grace Ranoa drew the winning ticket for the year-end raffle. The lucky winner was none other than Buzz Passarino receiving the complete package for getting started in electric flight which included a NIB Futaba radio, motor, battery, charger, electric powered glider kit and a Higley book "Entering Electrics". Have fun Buzz!

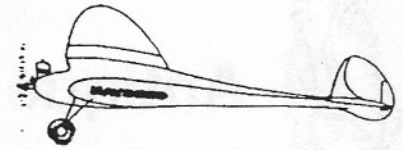
NOTICE
1996 DUES ARE PAYABLE
SEND CHECKS TO JOHN CARLSON
 The February Antique Flyer is the last one to be mailed unless you have renewed



Left: Scott Seronello at the November Show and Tell explains what he learned from Ed Hamler about making good wood joints.

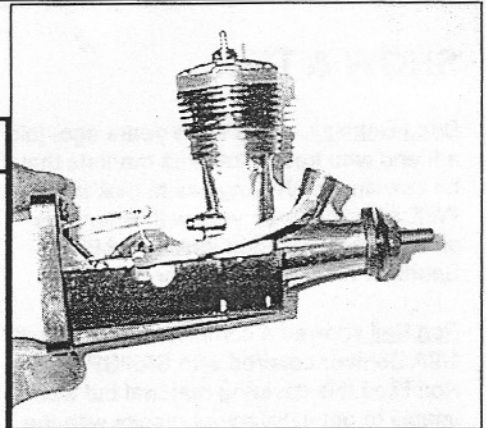
John Hlebecar Photo



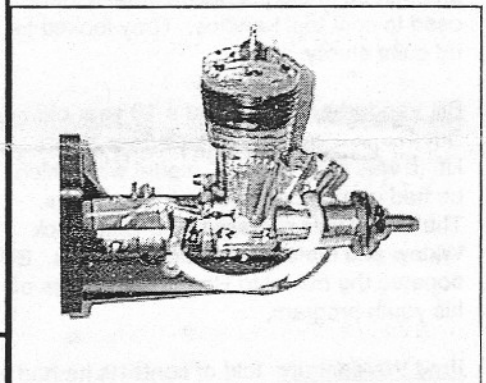


Monthly Raffle

Prize	Donor	Winner
Aec RX	SAM 27	John Carlson
EAA Calendar	"	Rocco Ferrario
Consolidated P-30 P-nut	Joe Meere	John Hlebar
Balsa	SAM 27	Charly Banks
Matted Print	Steve Remington	Jerry Rocha
" "	" "	Brian Ramsey
Spackling	SAM 27	Sky Greenwalt
2 meter Sailplane Kit	Bill Vanderbeek	Dick O'Brien
Ellipse Kit	Gene Mathews	Don Bekins
Pocket Guides to Model's	Wes Funk	Dick O'Brien
" "	" "	Brian Ramsiy
Balsa	SAM 27	Wes Funk
Champayne	Ed Hamler	Ray McGowan
Tomy Timer	J. Rocha	Ron Kiel
Radar Detector	Bill Vanderbeek	Brian Ramsey
Total Collected		\$76.00



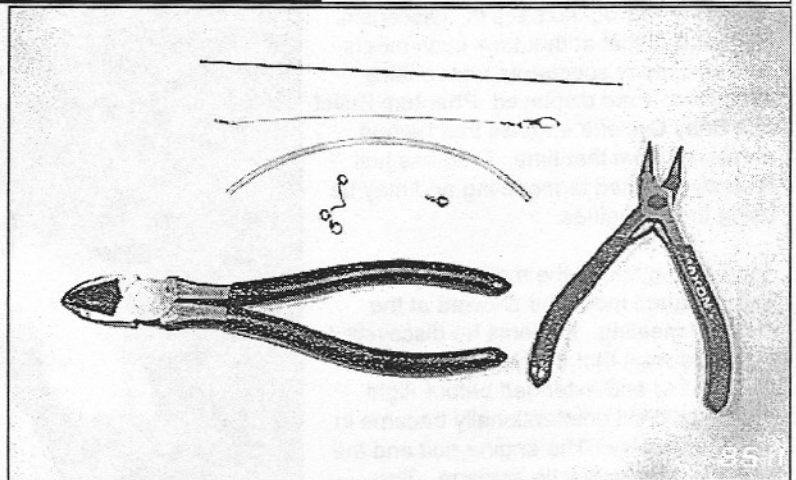
Above & Below:
Shows control line cable hooked to shut-off control wire and fuel line passing thru loop in wire. A pull from the servo pinches the fuel line, stopping the engine.



Simple Fuel Shutoff

by Wes Funk

This fuel shut off works great when using Free Flight or Control Line engines on SAM R/C type planes. When used with soft Latex fuel line it is reliable, positive and leak proof. It has been used with and without pressure systems. Simple to make and install, it doesn't take up firewall space that you don't have and there are no "O" rings to age and start leaking when you get to the flying field. All that's needed is a pair of round nose pliers and a short piece of .025 piano wire. File a small flat on the side of the motor mount and drill a pilot hole. Mount with a small sheet metal screw and flat washer. I use control line cable and a small snap from a fishing swivel between the servo and shut off wire. The snap can be unhooked from the wire. And engine, tank, and motor mount removed and another installed in a matter of minutes.

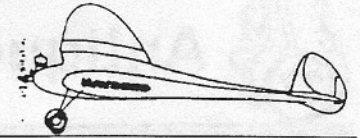


Above:
All that's needed is shown in the picture. .025 piano wire, control line, snap from fishing swivel, soft fuel line, small screw and washer, round nose pliers and a pair of wire cutters. A completed shut-off control wire is shown just above the wire cutter handles.



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TIM YOUNGGREN MEMORIAL FINAL RESULTS

The final round of the Tim Younggren 1/4A Memorial was to be flown on Saturday, November 4, for those flyers who, could not make it to the NCCFFC meet scheduled for Sunday, November 5. Those members who lived away from either the club field or Waegell Field could fly at a field near their home. Rick Madden and Dick O'Brien could not make the Wagell Field date and elected to fly at the club field on Saturday. Both showed up on Saturday. October 28 a week early! These guys were anxious!

Dick had test flown his Foote Westerner on the previous Wednesday. It was going so well that he put it away for the club event. When he and Rick arrived at the club field they found that it had been plowed between Wednesday and Saturday. As a side note, for those of you who may be upset by the fact that the field is plowed every year, it is important that this happens or the club might not have the field to fly on. Talk to Ed Hamler or Rod Persons for the reason why.

So the field was plowed. Where to fly from? Dick and Rick decided the best place was from the middle of the road. Dick proceeded with a test flight and found the model a little off trim. It is unclear whether there were a few more trim flights. On the next flight Dick did a Westerner dance. Something he is becoming known for doing. You may assume that this was a dance of elation. Those of you who have flown Foote's Westerner know its habit of chasing its tail, usually in one big loop coming back to where it started from. Needless to say, Dick had to high step out of the way of his Westerner as it re-kitted itself in the middle of the road.

Rick, on the other hand, was having a great day with his Brooklyn Dodger. Rick proceeded in posting two excellent flights. One a max and another a near max, falling a few seconds short. He did not post a third flight for reasons unknown.

The following weekend, November 5, Jerry Rocha, John Hlebcar, Buzz Passarino, Pete Samuelson, Lauren Schmidt all attended the NCCFFC meet at Waegell. While Jerry and Buzz elected not to fly, they came for the specific purpose of helping club members, they teamed up. Jerry with John and Buzz with Rod. Pete flew RC Assist and Old Time Rubber while Lauren was the RC Assist Contest Director. When everyone arrived, there was a steady breeze blowing to the north sufficiently strong to carry models into the next field and beyond as Pete would find out when he lost his rubber powered model past the power lines three fields away. A discussion regarding the conditions led to a decision to fly 1:30 maxes with a shortened engine run. Slowly the winds swung so that they were blowing to the east, which allowed for easier retrieval, but still a far distance if you did not DT by 1:30.

John led off by posting a max, DTing after two minutes. He then flew again and again, beat two minutes, and then three and then four and then out of sight, the model disappearing to the east. He and Jerry left the field and drove a loop around the flying sight and surrounding fields in hope of finding the model.

Rod flew his first flight after John flew his first and maxed, DTing at around the two minute mark. By the time he was ready to put in his second flight, Jerry had informed him that John had maxed, but as yet they did not know the model was lost. The pressure was on.

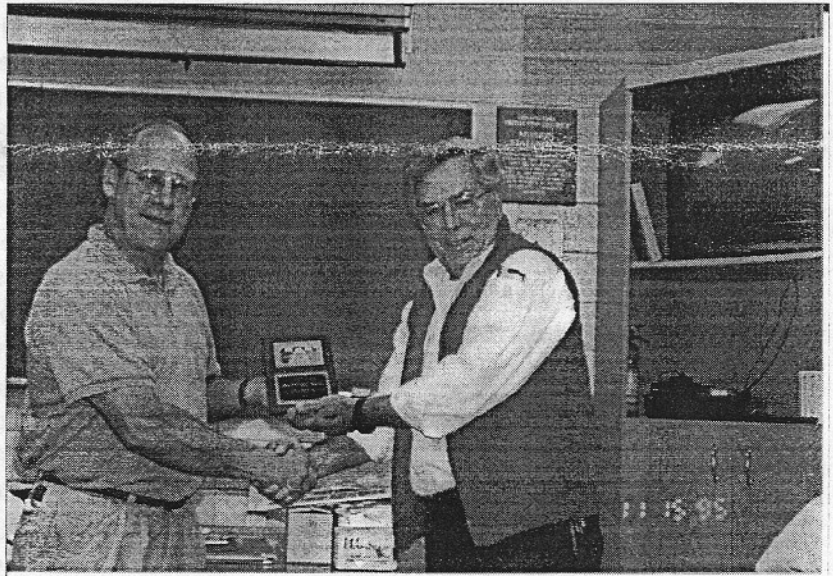
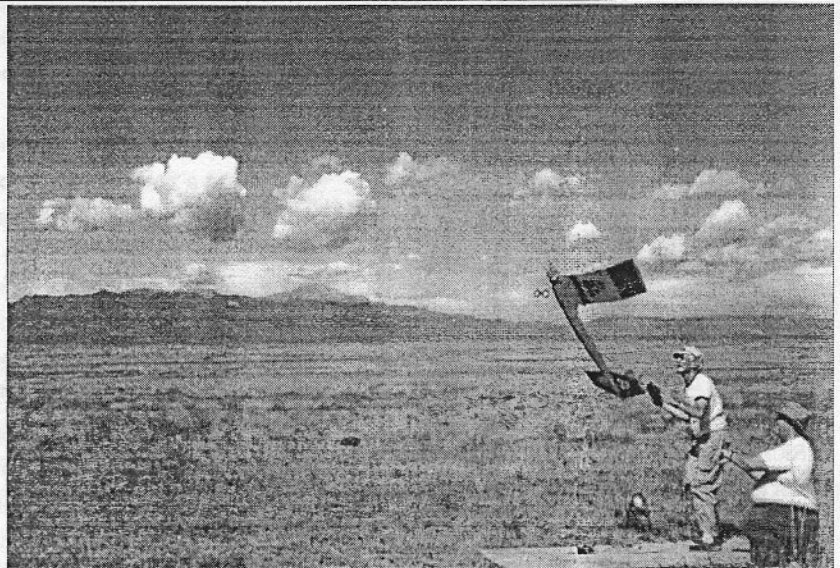
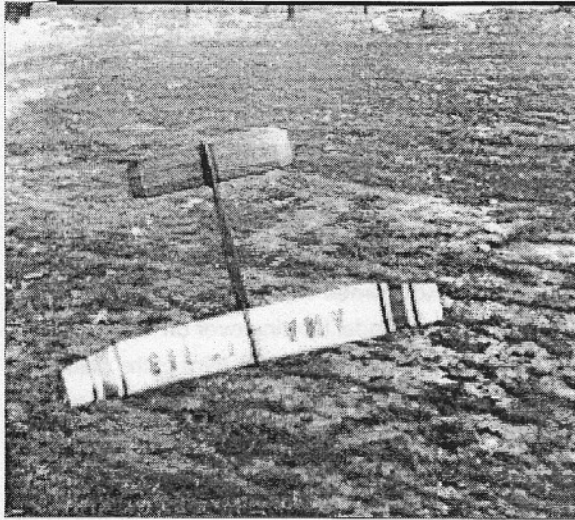
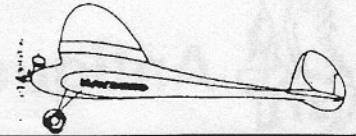
Rod then went on to post a second max. Upon returning, it was now known that John had lost his model. Yet, if it was returned before 3 P.M. John could fly again. So Rod put in his third flight. A max would mean at least a fly-off with John if his model showed up. At launch Rod turned into the wind and launched, the model blowing over on its back, costing at least one third of the altitude it normally gained and yet it hung on to some marginal lift coming down one second short of a max.

Now if John's model got back before 3, he could win the final event, and share second overall with Rod. As the day wore on, conditions began to improve, the wind calming, turning the day into a beautiful flying day. But no lost model. As three o'clock approached, John and Jerry elected to leave. Shortly after this, John Pratt, who had been looking for his wakefield model since early morning came riding in with John's model. He had found it along side the road at the East side of the field, a good mile or more away.

On the way home a triumphant Rod and Buzz, gleefully called John from the Nut Tree to report that they wanted to drop off his model on their way through Napa. In retrospect, maybe John Pratt should have dropped it off!

Final Results of the four contest dates

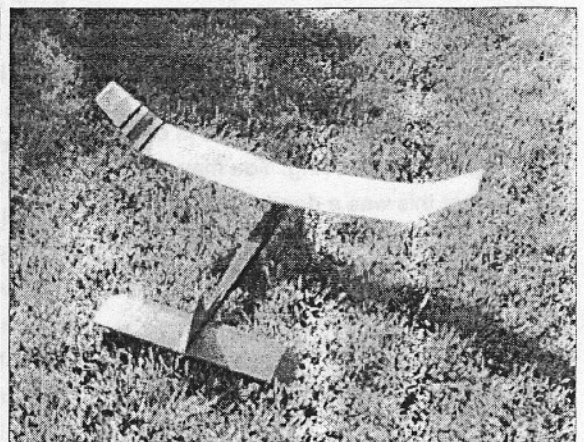
Jerry Rocha	15 points
Rod Persons	13 points
John Hlebcar	11 points
James Terry	5 points
Rick Madden	5 points
John Carlson	3 points
Dick O'Brien	1 point
Wes Funk	1 point

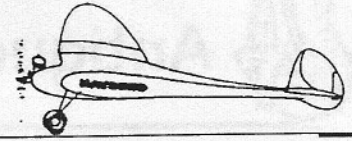


Upper Right: Don Bekins & Ned Nevels launch a 2 wheel Ram Rod 750, Colorado Springs SAM Champs
 Right: John Hlebcar receives an award from President Rod Persons.

Top & Right: John Hlebcar's Original Fu-Bar 36, built in the early to mid 1950's and lost in a thermal over Lake Erie. Loss of that plane converted John to U-Control.

Above & Far Right: John's new Fu-Bar 36 built 40 years after the loss of the first one. the new one was lost in a thermal at Weagell Field, however this time it was found and returned to John.

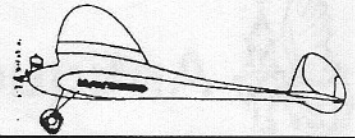




Thanks to SAM 56 Wichita, for this page.

STANDARD DRILL SIZES (.0059 TO .5039 Dia.)

Frac.,No., Letter or mm	Drill Dia. (inches)	Frac.,No., Letter or mm	Drill Dia. (inches)	Frac.,No., Letter or mm	Drill Dia. (inches)	Frac.,No., Letter or mm	Drill Dia. (inches)	Frac.,No., Letter or mm	Drill Dia. (inches)	Frac.,No., Letter or mm	Drill Dia. (inches)
97	0.0059	66	0.0330	45	0.0820	23	0.1540	15/64	0.2344	8.6mm	0.3386
96	0.0063	0.85mm	0.0335	2.1mm	0.0827	5/32	0.1562	6mm	0.2362	R	0.3390
95	0.0067	65	0.0350	2.15mm	0.0846	22	0.1570	B	0.2380	8.7mm	0.3425
94	0.0071	0.9mm	0.0354	44	0.0860	4mm	0.1575	6.1mm	0.2402	11/32	0.3438
93	0.0075	64	0.0360	2.2mm	0.0866	21	0.1590	C	0.2420	8.8mm	0.3465
92	0.0079	63	0.0370	2.25mm	0.0886	20	0.1610	6.2mm	0.2441	S	0.3480
91	0.0083	0.95mm	0.0374	43	0.0890	4.1mm	0.1614	D	0.2460	8.9mm	0.3504
90	0.0087	62	0.0380	2.3mm	0.0906	4.2mm	0.1654	6.3mm	0.2480	9mm	0.3543
89	0.0091	61	0.0390	2.35mm	0.0925	19	0.1660	E	0.2500	T	0.3580
88	0.0095	1mm	0.0394	42	0.0935	4.3mm	0.1693	1/4	0.2500	9.1mm	0.3583
0.25mm	0.0098	60	0.0400	3/32	0.0938	18	0.1695	6.4mm	0.2520	23/64	0.3594
87	0.0100	59	0.0410	2.4mm	0.0945	11/64	0.1719	6.5mm	0.2559	9.2mm	0.3622
86	0.0105	1.05mm	0.0413	41	0.0960	17	0.1730	F	0.2570	9.3mm	0.3661
85	0.0110	58	0.0420	2.45mm	0.0965	4.4mm	0.1732	6.6mm	0.2598	U	0.3680
84	0.0115	57	0.0430	40	0.0980	16	0.1770	G	0.2610	9.4mm	0.3701
0.3mm	0.0118	1.1mm	0.0433	2.5mm	0.0984	4.5mm	0.1772	6.7mm	0.2638	9.5mm	0.3740
83	0.0120	1.15mm	0.0453	39	0.0995	15	0.1800	17/64	0.2656	3/8	0.3750
82	0.0125	56	0.0465	38	0.1015	4.6mm	0.1811	H	0.2660	V	0.3770
0.32mm	0.0126	3/64	0.0469	2.6mm	0.1024	14	0.1820	6.8mm	0.2677	9.6mm	0.3780
81	0.0130	1.2mm	0.0472	37	0.1040	13	0.1850	6.9mm	0.2717	9.7mm	0.3819
80	0.0135	1.25mm	0.0492	2.7mm	0.1063	4.7mm	0.1850	I	0.2720	9.8mm	0.3858
0.35mm	0.0138	1.3mm	0.0512	36	0.1065	3/16	0.1875	7mm	0.2756	W	0.3860
79	0.0145	55	0.0520	7/64	0.1094	12	0.1890	J	0.2770	9.9mm	0.3898
0.38mm	0.0150	1.35mm	0.0531	35	0.1100	4.8mm	0.1890	7.1mm	0.2795	25/64	0.3906
1/64	0.0156	54	0.0550	2.8mm	0.1102	11	0.1910	K	0.2810	10mm	0.3937
0.4mm	0.0157	1.4mm	0.0551	34	0.1110	4.9mm	0.1929	9/32	0.2812	X	0.3970
78	0.0160	1.45mm	0.0571	33	0.1130	10	0.1935	7.2mm	0.2835	10.2mm	0.4016
0.42mm	0.0165	1.5mm	0.0591	2.9mm	0.1142	9	0.1960	7.3mm	0.2874	Y	0.4040
0.45mm	0.0177	53	0.0595	32	0.1160	5mm	0.1969	L	0.2900	13/32	0.4062
77	0.0180	1.55mm	0.0610	3mm	0.1181	8	0.1990	7.4mm	0.2913	Z	0.4130
0.48mm	0.0189	1/16	0.0625	31	0.1200	5.1mm	0.2008	M	0.2950	10.5mm	0.4134
0.5mm	0.0197	1.6mm	0.0630	3.1mm	0.1220	7	0.2010	7.5mm	0.2953	27/64	0.4219
76	0.0200	52	0.0635	1/8	0.1250	13/64	0.2031	19/64	0.2969	10.8mm	0.4252
75	0.0210	1.65mm	0.0650	3.2mm	0.1260	6	0.2040	7.6mm	0.2992	11mm	0.4331
0.55mm	0.0217	1.7mm	0.0669	30	0.1285	5.2mm	0.2047	N	0.3020	7/16	0.4375
74	0.0225	51	0.0670	3.3mm	0.1299	5	0.2055	7.7mm	0.3031	11.2mm	0.4409
0.6mm	0.0236	1.75mm	0.0689	3.4mm	0.1339	5.3mm	0.2087	7.8mm	0.3071	11.5mm	0.4528
73	0.0240	50	0.0700	29	0.1360	4	0.2090	7.9mm	0.3110	29/64	0.4531
72	0.0250	1.8mm	0.0709	3.5mm	0.1378	5.4mm	0.2126	5/16	0.3125	11.8mm	0.4646
0.65mm	0.0256	1.85mm	0.0728	28	0.1405	3	0.2130	8mm	0.3150	15/32	0.4688
71	0.0260	49	0.0730	9/64	0.1406	5.5mm	0.2165	O	0.3160	12mm	0.4724
0.7mm	0.0276	1.9mm	0.0748	3.6mm	0.1417	7/32	0.2188	8.1mm	0.3189	12.2mm	0.4803
70	0.0280	48	0.0760	27	0.1440	5.6mm	0.2205	8.2mm	0.3228	31/64	0.4844
69	0.0292	1.95mm	0.0768	3.7mm	0.1457	2	0.2210	P	0.3230	12.5mm	0.4921
0.75mm	0.0295	5/64	0.0781	26	0.1470	5.7mm	0.2244	8.3mm	0.3268	1/2	0.5000
68	0.0310	47	0.0785	25	0.1495	1	0.2280	21/64	0.3281	12.8mm	0.5039
1/32	0.0312	2mm	0.0787	3.8mm	0.1496	5.8mm	0.2283	8.4mm	0.3307		
0.8mm	0.0315	2.05mm	0.0807	24	0.1520	5.9mm	0.2323	Q	0.3320		
67	0.0320	46	0.0810	3.9mm	0.1535	A	0.2340	8.5mm	0.3346		



Southwest Regionals Model Airplane Championships January 13-14-15, 1996, Eloy, AZ (Toltec Rd., 3 mi. S. of I-10)

FREE FLIGHT; Cat. II

Sat., 8AM-4PM	Sun., 8AM-3PM
1/2A Gas	A Gas
B Gas	C Gas
D Gas	1/2A Nostalgia(NFFS)
A Nostalgia(NFFS)	BC Nostalgia(NFFS)
.020 Replica	Old Time Gas(Comb)(SAM)
F1A A-2 Glider ¹	P-30
F1B Wakefield ¹	Hand Launched Glider ⁴
F1C Power ¹	Super 'D' Gas ⁵
F1G Coupe & F1H A-1(Comb) ¹	
F1J Power ¹	
Mulvihill ²	
Old Time Rubber ²	
Juniors-Delta Dart ² ⁴	
Catapult Glider ⁴	

R/C OLD TIMERS

Saturday	Sunday	Monday
Antique	B Ign LER	Ohlsson .23 Ign
Pure Antique	Ohlsson Sidep'rt	Electric LMR
AB Glow	C Glow LER	1/2A Texaco
Electric Texaco	Texaco	Old Time Glider*
C Ign LER	A Ign LER	Brown Jr. LER
		1/2A Tex. Scale

*Before 1946, can scale up, 120" span limit, 3 att. to make 3 official flights, no weight limit, 10 min. max flight
 • Awards through 3rd place plus Sweepstakes

• For more information on R/C Old Timers, contact Bob Angus, 6640 N. Columbus, Tucson, AZ 85718, 520-299-9034

¹ FAI America's Cup Events. For more info on all FAI events, contact: John Nystedt, 5001 E. Desert Park Lane, Paradise Valley, AZ 85253; 602-998-2190 eve's & wkends before 10PM MST. FAI will be flown in 7 one-hour rounds beginning at 8:30AM; Flyoffs in 15 min rounds, 30 min after 7th round for 5, 7, 9 min max flights. If necessary, a 10 min fly-off will be held on Sunday at 9AM.

² These events can be flown either day

³ Jrs only; Free; Build model at the field or fly your own

⁴ Catapult & Hand Launched Glider will be flown from a 'pen', 150' on a side

⁵ Super 'D' Rules: at least 1,000 sq.in. wing area; at least .60 cu.in. engine

• Awards through 3rd place, plus Sweepstakes for Jr/Sr (combined) and Open.

• For info on AMA, NFFS or SAM FF events or the contest in general, contact A. A. (AL) Lidberg, 1008 E. Baseline, Suite 1074, Tempe, AZ 85283; 602-839-8154 eve's & wkends.

MECA COLLECTO and DINNER

The Model Engines Collectors Association will hold a Collecto at the Casa Grande Holiday Inn from 4:00 PM until 7:30 PM on Saturday. This will take place prior to the SWR dinner, which begins at 8:00 PM. See, buy, sell, trade old/new engines and other model-related items. Donations for tables are \$3.00 each.

- For more information on the Collecto, call; Bill Bickel, 3121 W. Cavedale Dr, Phoenix, AZ 85027 602-582-0211(home) 602-561-3433 (work).
- For information on the dinner, see the coupon elsewhere in this flier.

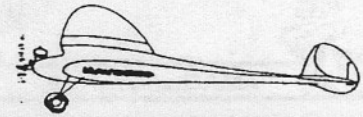
Spectators are welcome; there is no admission charge. Get involved; ask questions; volunteer to time flights; maybe we'll see you flying here next year!

Contest sponsors: Southwest Regionals Modelers Association, Inc.



Antique Flyer

January 1996

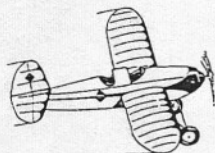
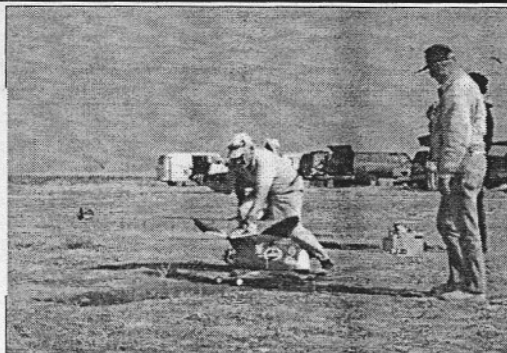


1996 CONTEST SCHEDULE

January 13,15	Eloy, Arizona
February 4.....Stockton Winter Bash.....	Waegell Field
February 17 MECA Region 2, Swap & Sell, 10:00AM to 3:00PM	Oakland Aerospace Museum
March 22 - 25.....New Zealand 1/2 A Texaco.....	International Postal Contest
March 24#1	Waegell Field
March 23 - 24SAM 26 Spring Fling	Taft
April 21#2	Waegell Field
April 20 - 21.....SAM 49 Annual	Taft
May 4 - 5OCD Champs.....	Waegell Field
May 4 - 5.....SAM 30 Annual	Schmidt Ranch
June 2#3	Waegell Field
June 8 - 9.....SAM 21 Howare Osegueda Memorial.....	SACRC'S Field, Newark, CA
July 13 - 14.....1/2 A Scale Duration	International Postal Contest
August 2 - 4.....1/2 A Texaco Challenge.....	Club Field
August 11#4	Waegell Field
August 17 - 18.....N.W. Free Flight Champs.....	Tangent, OR
August 17 - 18SAM 34 & 51 High Sierra Annual.....	Carson City, NV
September 7 - 8SAM 27 Annual Crash & Bash.....	Schmidt Ranch
September 15.....#5	Waegell Field
September 28 - 29 ...SAM 30 Fall Annual.....	Schmidt Ranch
October 9 - 14SAM Champs	Pensacola, FL
October 19 - 20Sierra Cup	Waegell Field
November 3#6	Waegell Field
November 2 - 3John Pond Commemorative.....	Taft
November 16 - 17SAM 49 Fall Annual.....	Taft

Right:
Don Bekins Launches the
1996 SAM 27 Raffle Prize.
A Torp Powered Zipper!
Waegell Field

Wes Funk Photo



MECA REGION 2 WINTER COLLECTO SWAP & SELL

ENGINES--PLANES--BOATS--CARS
R/C---Control Line---Free Flight
Any hobby related items
OLD and NEW

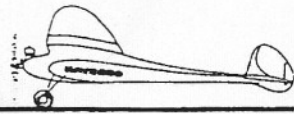
Saturday, February 17, 1996
10:00AM to 3:00PM

WESTERN AEROSPACE MUSEUM
At the Old Oakland Airport
OAKLAND, CALIFORNIA

Admission \$3.00 Tables \$7.00
Includes Museum entry 8 foot tables



AMChapter #108



OFFICERS

President:

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

Vice President:

Tim Younggren (707) 433-9317
240 Sun Court
Healdsburg, Ca. 95778

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:

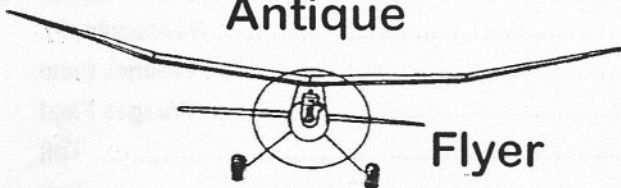
John Hlebcar (707) 252-8482
201 Foster Rd.
Napa, Ca. 94558

Editor:

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

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

Antique



Flyer

January 1996



Pete Samuelsen & 1/2 A Texaco Foote Westerner Weagell Field, November 1995

Membership

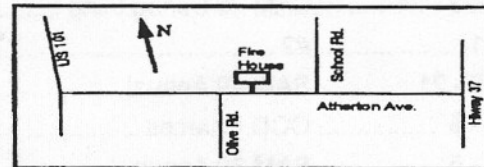
Membership is \$15 for the calendar year. After February, the dues for a new member will be prorated.

Due to increasing cost of publication and mailing, the Associate Member category has been dropped.

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

Meetings

Membership meetings are held on the third Wednesday of each month at the Navato Fire Department, Training Room, on Atherton Ave. at 7:30 P.M.



PLEASE ADVISE EDITOR OF ANY CHANGE OF ADDRESS

**Next meeting: Wednesday, January 17, 1996
7:30 P.M. at the Novato Fire Department
Training Room**



FIRST CLASS MAIL

Steve Remington
1034 Melrose Ave.
Alameda, CA 94502