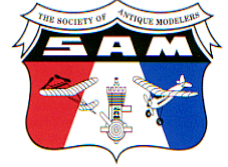




(Official
newsletter of
the
"BlackJack"
Club)

FEB2023#2302bhc



SAM21

CLIPPER

Society of Antique Modelers

Chapter 21

AMA Charter Club 1470



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- P.9 SAL TAIBI FUN FLY ANNOUNCEMENT
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Next Meeting:

March 9th, 2023

Dr. Alan Peterson's House

1115 Seena Avenue

Los Altos, Ca 93024

7:00 p.m.

Food will be served.



SAM21 Current Affairs

Latest dope.....

- **SAM21 meeting day will be changed to the Thursday AFTER the First Monday of the month.** I know this can be confusing, but it is necessary. Note the new dates on the right. Next meeting will be on **March 9th**.
- **Last day of renewal for SAM21 is March 31st.** Or your name will be dropped from the club roster. The dues is only \$10.00. You can't even get two gallons of gasoline for that price!
- **SAM26 John Pond Commemorative Old Time Contest will be held on March 18, 19.** Mike Myers will be the C.D. See flyer on page MMM.
- There will be a **Sal Taibi Fun Fly** (2nd one in 10 years) on April 30th, 2023. Rain date June 4th (after 2 postponements due to the weather!) at the SCAMPS Taibi Field, 26075 San Jacinto Avenue, Perris. Lat/Long is 33.7859, -117.2007 All Sal's designs are welcome, R/C is ok, as long as it is on 2.4GHz.
- **Oakland Cloud Dusters** is having their meeting on first Monday of the month at Harry's Hofbrau, 1909 El Camino Real, Redwood City. Members start staggering in about 11:00 a.m. SAM21 members are welcome to visit.
- **Bring a model or two to the meeting for the show n' tell.** Each model you bring will get you an extra cookie!
- For you bargain hunters, there will be a **swap meet** at LFE (Livermore Flying Electrons, the stomping ground of the SAM21 Livermore bunch) on Saturday, **March 25th. From 7 am to 1 pm.** Too early for me!

The Cover Story:



So Long, 35.5" span, that I won on a raffle at the SAM27 old time event at SVSS. It is just perfect for the 36" Electric Replica event. It is powered by a AXI 2204/54 brushless outrunner, with a 6 x 3 propeller on 2S1300 Lipo battery. Builder unknown.

2023 Meeting Dates

1st Thursday 7:00 p.m.

Dr Peterson's House.
1115 Seena Avenue, Los Altos.

January 5

February 2

March 9

April 6

May 4

June 8

July 6

August 10

September 7

October 5

November 9

December 7

Don't forget to
renew your

SAM 21

membership,
the dues is

\$10.00

for 2023



SAM 36" Electric Replica Old Timer Model

I received an email from our member Sam Niece, he noticed there were 8 entries in the 36" Electric Replica OT event at the 2022 SAM CHAMPS. That intrigued him enough to get more information about the event. He also bought a model from BMJR Model. Here is an article by Tom Moore.

Building a 36" Replica Old Timer Model: Component Supplies & Sources

By Tom Moore

3/12/2017



So, you've been to the local field watching the old timer airplanes majestically soar in the sky overhead and wondered what it would be like to own and fly one yourself. You'd even like to build one, but are unsure if you're ready to tackle constructing one of the standard models with their six to seven foot wingspans. All those sticks to cut, sand and glue. And so you're thinking such a project will take a year to complete and you'd really like to have an R/C Old Timer in the air sometime this spring.

Well, I have just the answer for you. Why not put together an R/C Old Timer 36" Replica? Pretty much anybody who has built a rubber-powered model will have little trouble putting one of these together. A half dozen full kits are available from BMJR Models (<http://www.bmjrmmodels.com/free-flight/old-time-replica>) as well as several from FAI Model Supply (http://www.faimodelsupply.com/?product_cat=kits). And as always, short kits for suitably-sized Old Timers can be found from Bob Holman (<http://www.bhplans.com/>) as well as plans from Jim O'Reilly (<http://www.bhplans.com/>).

Rules for this Old Timer event class couldn't be simpler: A 36" maximum wingspan, electric power of any sort and size, and a two-cell LiPo battery, again any size. (Complete provisional competition rules are at http://www.aalmps.com/Electric_Replica_Rules_03_11_2013.pdf.) But aside from competition, these small Old Timers are just a blast to fly! Several of us in SAM 27 have built them and found that they are not just easy to handle in the air but are as capable of thermal soaring as their full-size counterparts. Plus they make great park flyers!

Now that I've rolled off a list of kit and plans suppliers, what about electronics and other components required to get one of these little Old Timer gems off the building board and into the air? When I acquired my BMJR "Mystery Man" kit, I went online and Google searched for information about what motor and prop size to use, what capacity battery is required and how big of an ESC is needed. Plus where do I get all those other little extra components that otherwise don't come with a kit? Well, to my dismay I found precious little help from the internet. So, instead I contacted fellow SAM 27 club members Loren Kramer and Jim Temple, who I knew were already involved in 36" Replica projects themselves. Well, in short they provided a wealth of information that got me started on my search for electronic and hardware products suitable for these small aircraft.

So, what follows below is my attempt to save you trouble and guesswork by providing a complete list of products and sources in order to jump start your own 36" Replica project. Please understand, though, that I only intend to suggest types and size of components and that you are completely free to find comparable substitutes on your own that will serve the same purposes. Also, I attempted to minimize vendor sources by finding those that carry the most products needed for this type of airplane. And, of course, prices shown are those that the vendors specified at the time of this writing.

Now that I've done most of the computer research for you, the hardest part of your job is done. So, let's get building and see how many new 36" Replica Old Timer models we can get into the air this year. Good luck!!



Electric Replica by Tom Moore. cont'

From BP Hobbies: <https://www.bphobbies.com/view.asp?id=V819427>

- * Cheetah A1510 Brushless Outrunner Motor (\$14.95)
Note: This is a Kv 2200 motor designed for props ranging from 5.5" to 7" diameter on a 2S LiPo pack. Other typical "Park 250" motors with Kv values in the 2000 - 2500 range and will work just fine for this application.
- * APC 6"x 4" Speed 400 Electric Prop - LP06040E (\$2.13 ea.)
Note: With the motor chosen above, I found this prop ideal. The only difficulty is that you will have to bush the hole with brass/aluminum tubing because the adapter inserts supplied all leave too big a hole for the motor shaft.
- * Castle Creations Thunderbird - 9 Brushless ESC (\$25.45)
Note: This is a 9 amp ESC. Any other ESC at or around 10 amps will do. Tower Hobbies also sells this ESC for the same price.
- * LW Tissue (choose colors) 20"x 72" (\$8.25/sheet)
Note: This is light weight (LW) polyspan. Also available from BP is GM (Gas Model) tissue which has a fuel proof coating and is slightly heavier but looks and works the same as LW tissue.
- * Balsaloc (\$6.25/bottle)
Note: Both LW and GM polyester tissue are iron-on coverings that require a separate adhesive. Balsaloc is a white water-based liquid that is brushed onto the airframe and activated by a heat iron. The advantage to Balsaloc is that you attach the fabric to the airframe after it dries clear, meaning that you can do it days or even weeks later. There is a brand of fabric glue under the label "Tacky Glue" usually found in craft stores (and at HobbyTown) that may work as a substitute for Balsaloc.

From Tower Hobbies: <http://www.towerhobbies.com/>

- * Dubro Micro Pushrod System – LXAZB6 (\$4.49)
Note: Included are two wire pushrods, sleeves, EZ connectors and other hardware.
- * Dubro Micro2 Control Horns - LXJGT5 (\$1.32/pair)
- * Great Planes CA Hinges 3/4"x 1" - L XK110 (\$3.49)

From Horizon Hobby: <http://www.horizonhobby.com/>

- * 280 mAh 2S 7.4 30C LiPo Battery - EFLB2802S30 (\$7.99)
Note: Also available from Horizon Hobby, Hobby Zone, Motion RC as well as Amazon. Actually any 2S LiPo at or around 300 mAh is suitable for the average 36" Replica Old Timer.
- * Flyzone Micro Servo Calypso - LXCGHV (\$7.99 ea. - 2 req'd.)
Note: The 3.7 gram servos I bought for the Mystery Man are no longer available from the supplier. I found this Flyzone micro servo, but cannot find a reference to actual weight. However, I suspect it should be adequate for our purpose here. Actually, any micro servo in the 3 to 4 gram range should be strong enough yet small enough to work.
- * JST-PH to JST-XH Charge adapter: 200QX – BLH7713 (\$3.99 ea. – 2 req'd.)
Note: One of these adapters will be used in conjunction with your charger. With the other you will cut the wires somewhere between the two plugs. Then you'll need to cut the ESC wires behind the male plug of the battery cable. Next splice the half of the severed JST adapter that has the male plug to the cut ESC wires.

From Amazon: <https://www.amazon.com/>

Note: This is a departure from my usual preference of buying directly from hobby distributors. But sometimes lack of availability forces me to seek other sources.

- * SMAKN Mini Motor Micro 3.7g servo (\$6.60 ea. – 2 req'd.)
Note: These appear to be the exact same servos that I purchased from another vendor and installed in my "Mystery Man".
- * JST-PH to JST-XH Charge adapter: 200QX (\$7.17 ea. – 2 req'd.)
Note: This price is considerably more than from Horizon Hobby, but again availability is key.



Historical Document...

AMBROID
— CHOICE OF THE MODEL INDUSTRY

No idle claim that heading statement! It's a fact that more model airplane industry manufacturers endorse Ambroid, than all the other brand cements combined. Every one of the model builders in the adjoining photos has long been a user of Ambroid, the original and still the finest cement that money can buy. Add up the number of years these leaders in the model kit and engine fields have been using Ambroid and you get a total in excess of two centuries — since all were Ambroid fans even before they entered the model business! Better try a tube of this wonderful cement on YOUR very next model!

"REGULAR" AMBROID 1-3/4 Oz. Tube . 30c 4 Ounce Tube . . 60c 1 Pint Can . . \$1.75	"EXTRA-FAST" AMBROID (Model Airplane Cement) 20 cc. Tube 15c "SYNTH-WOOD" (ideal as a filler & for fairings) 1 Pint Can . . \$1.35 4 Ounce Can 40c
--	--

At last!! After FIVE Years of Research — NEW AMBROID PLASTIC CEMENT 28 cc. Tube 15c

BERKELEY'S Bill Effinger deBOLT'S Harold deBolt FOX MOTOR'S Duke Fox
GUILLOW'S Lou Andrews JETCO MODEL'S Bill Dean K & B'S Johnny Brodeck
SCIENTIFIC'S John Frisoli STERLING'S Ed Manulkin TOP FLITE'S George Aldrich

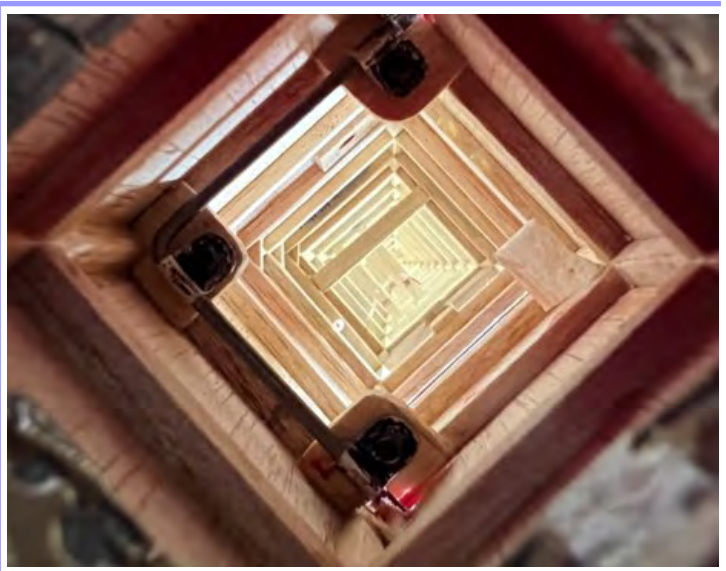
In Every Field There's A Leader – In Cement It's

AMBROID CO. • BOX 30 • WEYMOUTH 88 • MASSACHUSETTS

Found this ad in the 1960 Air Trails model annual. The ad was not as interesting as the people in the ad. Some of you might heard of the manufacturers' names but not the faces behind them.



Should be enough glue for that project?



The internal structure of a Lanzo Bomber fuselage makes an interesting picture.

SAM26 John Pond Commemorative O.T. Contest

48 TH ANNUAL JOHN POND COMMEMORATIVE OLD TIME RC CONTEST – 2023

Our contests are an opportunity for fun-flying and SAM Champs practice. We offer all standard SAM rulebook events, plus several of the popular special events.

Sponsored by SAM 26, the Central Coast chapter.

Hosted by the Greenfield Flyers at Wekerle RC Field.

Just South of Bakersfield California, **March 18 & 19 2023**

SATURDAY: Class A ignition

Class B glow

Class C ignition

Texaco(combined)

Electric Texaco

Ohlsson Sideport

O/T Glider

Speed 400 rulebook

SUNDAY: Class A glow

Class B ignition

Class C glow

Antique (combined)

1/2A Texaco

Electric LMR

Brown Jr. LER

Speed 400 2 minute run

SCHEDULE: Registration opens 8:00 AM each day. Pilots meeting at 8:30 Saturday, 8:00 Sunday, with flying immediately after. Last flight up by 4 P.M. Saturday, 3 P.M. Sunday.

A BANQUET – Is planned for Saturday evening at Denny's Restaurant @ nearby 2309 Panama Lane, 7:00 PM. No on-field lunch, but we'll have energy bars and snacks set out, to tide you over till dinner time, but please bring your own drinks. Lots of water is best, especially if it's hot and if you remember to drink it.

A LIST OF POTENTIAL ATTENDEES is being prepared. If you have any remote thoughts about attending, please ask to be put on the list to receive any pertinent updates, messages, questions, answers, etc., right up until a couple of days before the event. Sign up with the CD at samrcflier@verizon.net.

AWARDS: Commemorative plaques for each contestant, plus stickers through 3rd place per event. Winner's names will be engraved onto perpetual stand-up trophies for: 1. Combined (fuel) engine Texaco. 2. The John Pond Perpetual sweepstakes, 3. The Don Barrick C ignition trophy. based on a three point system. These trophies are currently housed in a secret bombproof bunker, but special "keeper" plaques will also be awarded.

ENTRY FEES: \$10 per event, (\$40 maximum when paid at initial entry.)

Contest Director:

Bob Angel

1001 Patterson Rd.

Santa Maria, CA 93455

805-937-5145 (home)

samrcflier@verizon.net

Assistant CD

Mike Myers

911 Kilmory Ln.

Glandale CA 91207

818-439-3799 (cell)

mikemyersgin@charter.net

RULES: The SAM rule book will be followed, plus applicable AMA rules.

Host club Greenfield Fliers is located just south of Bakersfield. It's AMA club #4741 for look-up on the AMA website. No alcoholic beverages are to be brought to the field. The field gate will be open shortly after noon Friday for test or fun flying and free overnight dry camping. *If this flyer looks a lot like last year's flyer, that's because it is a lot like last year's flyer.*

Bakersfield's Historical weather average for that weekend is a high of 68° and night time low of 46°.



SAM26 / Pond con't

PRE-CONTEST STUFF: The Covid crisis pushed us to discover new ways to get some of the paperwork organized, so there's less of a scramble on the first day of the contest. In the good old days we had more contestants, but we also had more available helpers. This year I'd like once again to assemble an early email list of possible contestants. That will allow us to get some of the pre-registration done, and keep everyone informed as to any changes to the event.

If you've attended any SAM 26 contest in the last couple of years, you're on the email list already. Otherwise please email me, (the CD) at SAMreflier@verizon.net If you have a cell phone or a new number I'd appreciate you sending that along. We keep the cell phone list at the contest in case anyone gets lost in the weeds or some other minor emergency arises. They can be handy if a ship somehow goes down off field.

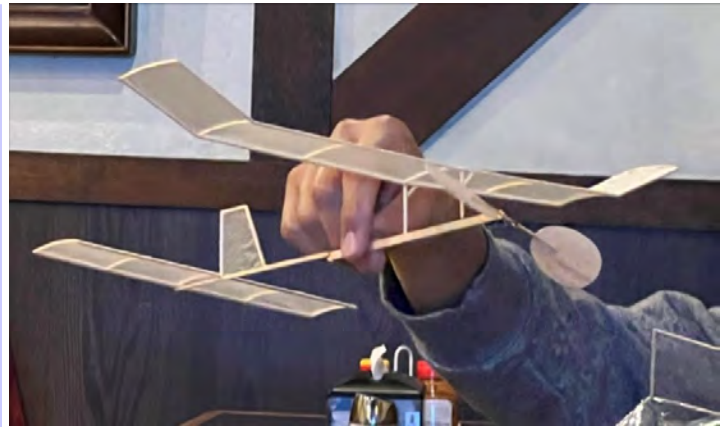
OCD Meeting Pictures



Lescher, Fred and Ates were at the OCD meeting.



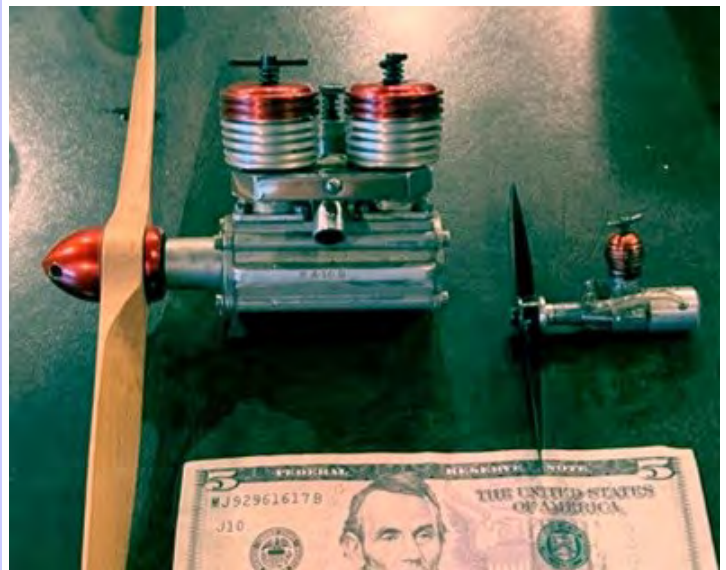
Micro film covered rubber powered model (pennyplane?) by OCD member Manuel Cisneros. Very delicate model, you can't build it when you have a cold. A sneeze happened at the wrong moment will destroy it!



Another beautiful indoor rubber powered model by Manuel.



Ben Tarcher with a bigger F1E Class Slope Soaring Glider model. F1E models are launched into the wind and steered with a magnetic steering vane on the nose of the model.



These two diesel engines belong to Ates. Ates said they are the biggest and the smallest engine in his collection. I think the twin is 0.3 cu in per cylinder and the small one is 0.010 cu in.



1/2A Texaco Postal Challenge

2023

Frank Ehling

International 1/2A Texaco Postal Challenge

The International 1/2A Texaco Postal Challenge for 2023, marks the 38th year for the Challenge. The Covid-19 pandemic was a factor of the reduced number of teams participating in the event. Also due to Covid the 2022 event was not flown. In 2020 we had five teams fly, they were; SAM 27 (Napa, Sonoma, Marin Counties, CA), SAM 78 & 95 (Czech Republic), SAM 119 Mocenok, Slo- vakia), and SAM 114 (Germantown, OH). SAM 114 served as host being the 2019 winner. In 2021 we only had three teams participating and SAM 114 was again the winner. SAM 114 has been very busy with preparing for the 2023 SAM Champs and other events so they were happy to have another club run the event. SAM 27 and Mike Clancy volunteered to do the job.

The rules for the IPC are per the SAM Official Rule Book: minimum 8 ounces per square foot of plan-form wing area, .049 Cox reed valve engine, 5.1cc integral fuel tank, and propeller limited to 8 inch maximum diameter. An individual's score is the sum best two of three 15 minute max flights. A max flight is worth 900 points. The team score is sum of the top three flyer's scores. Flying must be completed on the day chosen by the team within a window which **begins on September 1st and closes on November 30th**. This broad window is intended to provide favorable flying conditions in both the Northern and Southern hemispheres.

In an effort to increase participation we are trying a couple of rules changes which were used in the 2022 SAM Champs. The upper date for plane designs is now 1964. The new planes must still fit the description of an old timer. Also, a plane may be flown by multiple pilots as separate entries. E.g., a club that has only one Half A Texaco flyer could have two additional pilots fly his plane and as a result would have a full entry for the contest.

I will be sending out this announcement several times prior to the window.

This is a very enjoyable event as team members work together. This competition has been around for a long time. Let's keep it going.

Attached is a Chapter entry form that you are welcome to use. See this form for information on where to send scores.

Mike Clancy
SAM 27



Half A Texaco flyers of SAM 27

Editor's Note, somehow the Chapter entry form was not included in the email I received. I will contact the C.D. to get one and put it in the next Clipper.



2nd SAL TAIBI FUN FLY

NEW DATES

Taibi Field, Perris, CA
Sunday, April 30, 2023
(Rain date: June 4, 2023)



Bring your Sal Taibi-designed airplanes and memorabilia for a day of relaxed flying, remembering, and sharing.

DT fuses will be permitted.



Contact:	Joe Jones	714-968-1982	jjones22@socal.rr.com
	Kevin Sherman	951-893-0616	julykevin@aol.com
	Dan Heinrich	909-223-7643	AeronutD@CS.com



A Friendly Reminder....The Renewal Process

It is almost January, SAM21, AMA* and SAM membership are due at the end of the year. It is coming up faster than you think. So before you are swamped with all the holiday event distractions, send in your membership dues to all three organizations. (*newer AMA members might have a different renewal dates.)



Use the renewal form and send renewal fee to **Cliff Shekell, 2743 Briarwood Drive, San Jose, California 95125**. The SAM21 2023 membership is \$10.00.



Go to <http://www.mysamstore.com/> click on "Join/Renew Membership" on the upper left . It will redirect you to a renewal form. Fill in the form and click on the "submit form" button. The next page will be to select the online/print option. After that it will direct you to Paypal page to pay the dues.



<https://www.modelaircraft.org/membership/enroll>

click on the left box "Renew A Membership" blue box and follow the instruction. You might to registered first.

2023 SAM 21 Officers

PRESIDENT: Alan Peterson: 1115 Seena Avenue Los Altos, CA 94024 Tele: 650-941-6557 E-mail: alansoars@aol.com

VICE PREZ: Bill Vanderbeek:

Tele: 408-472-0274 E-mail: billvenderbeel@yahoo.com

SECRETARY: vacant (Brian Chan)

TREASURER: Cliff Shekell: 2473 Briarwood Dr. San Jose, Ca. 95125 Tele: 408-269-5065 E-mail: tedbear1@pacbell.net

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COMPETITION: Brian Sargent: 15575 Upper Ellen Road, Los Gatos, CA 95033 Tele: 408-656-3662 E-mail: bhsargent@gmail.com



SAM 21 - 2023 Membership Application Form

Check one: NEW Member RETURNING Member

Check one: FULL Member \$10.00

SAM No. _____ AMA No. _____
(Req'd if full)

Name: _____

Address _____

City, State, Zip _____

Phone: _____ Cell _____

Mail Form & Dues to SAM21 Treasurer: Cliff Shekell 2473 Briarwood Drive, San Jose, Ca 95125

