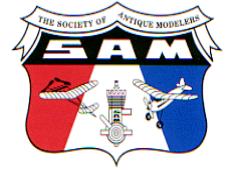




( Official  
newsletter of  
the  
"BlackJack"  
Club)

JUL2026#2607bhc



# SAM21

# CLIPPER

## Society of Antique Modelers

Chapter 21

AMA Charter Club 1470



### ....in this issue:

- P.1 THE LATE DICK IRWIN WITH LANZO RECORD HOLDER.
- P.2 LATEST DOPE, MEETING DATE LIST
- P.3 JULY MEETING REPORT, PHOTO REPORT
- P.4 STORY OF ENGINE....
- P.5 RANDOM PHOTOGRAPHS
- P.6 2026 SAM CHAMPS INFORMATION
- P.7 SAM21 RENEWAL INFO, CLUB INFO, RENEWAL FORM
- P.8 LEFT BLANK, RAN OUT OF MATERIAL....
- P.9 LEFT BLANK, RAN OUT OF MATERIAL....

### Next Meeting:

**August 6th, 2026**

Dr. Alan Peterson's House

1115 Seena Avenue

Los Altos, Ca 93024



The CLIPPER- Official Newsletter of SAM 21

July 2026

# SAM21 Current Affairs

## Latest dope.....



- **August meeting will be on August 6th. The host confirmed.**
- **Even though SAM21 membership fee is \$0, I will still need you to send in the renewal form for 2026 to let us know you are still interested to continue to receive the SAM21 Clipper. If we don't received the form, your name will be removed from the roster by end of March. You can send in a digitized version.**
- **Typo was made on the address on the renewal form, It has been corrected. The correct address is**  
**Steve Roselle**  
**17436 Airport Avenue,**  
**Grass Valley, Ca 95949**
- **SAM TALK is a online chat room for all SAM matters. <https://samtalk.hrncar.work/>**
- **The SAM Champs at the Ranch will be on September 16th -20th, 2026. See flyer In this Clipper.**
- **SAM26 Fall contest will be on October 24th - 25th, 2026 at the Greenfield RC Flyers Wekerle Field in Bakersfield.**
- **SAM26 is currently recruiting new members to support the existence of SAM26. Please contact Mike Myers, [mikemyersgln@charter.net](mailto:mikemyersgln@charter.net), for more information.**

## Good Information sites;

<http://www.thebuildingboard.com/>

<https://outerzone.co.uk/>

**SAM short kits supplier:**

**Bob Holman Plans**

12635 6th Street, Yucaipa, CA 92399

Phone: (909) 556-6513

E-mail: [bhplan@aol.com](mailto:bhplan@aol.com)

Web: <https://bhplans.com>

## 2025 Meeting Dates

**1st Thursday after  
the 1st Monday**

**7:00 p.m.**

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

**January-3**

**February-5**

**March-5**

**April-9**

**May-7**

**June-4**

**July-9**

**August 6**

**September 10**

**October 8**

**November 5**

**December 4**

**Christmas Banquet**

**Don't forget to  
renew your**

**SAM 21**

**membership,  
the dues is**

**\$0.00**

**for 2026**





# July Meeting Report

Submitted by Sam Niece

**Attendees:** Alan P, Sam N, Brian C, Noel E, Loren V.

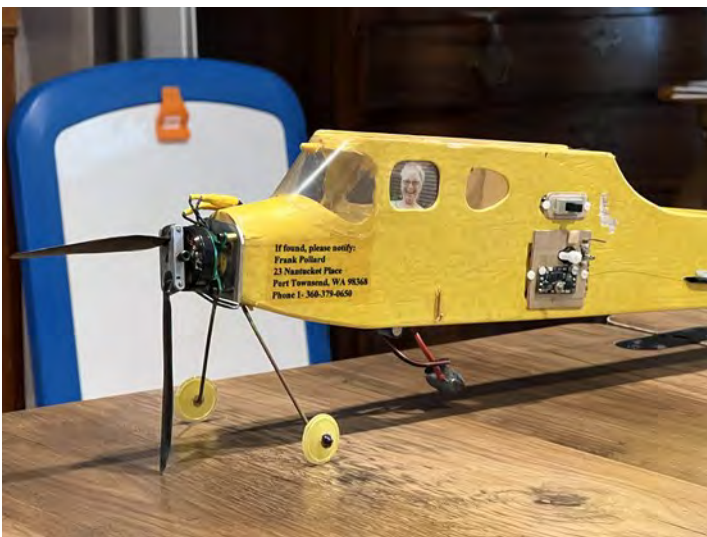
**Business:** Brian handed a check of \$500.00 to Gina to cover the food cost of the meetings. That motion was passed at the April meeting.

Brian still working on transferring the SAM21 bank stuff from Cliff's name/address to Brian's address. It turned out it is not easy to get that work easily.

**Show and Tell:**

Sam showed a "engine how to" information (printed on the next column).

Loren showed a plane to secured. He converted to electric powered FF. It has a multi-releases timer and remote DT capability.



## Engine Talk

**Supplied by Sam Niece.**

### (C) FAILURE TO START

1. If the engine coughs and spits a bit of fuel spray from the exhaust, it is too rich. Close the needle valve and continue cranking until engine starts briefly. Open the needle valve again and crank it over. It should start immediately. Blowing into the exhaust ports between flips will help clear the excess fuel out of the glow plug.

2. If it starts up with lots of power and dies immediately it is too lean. Open the needle valve a half turn, prime the engine, and crank it over again. If the trouble persists and the tank is lower than the carburetor try choking again as in Section B Par. 4. If the engine hasn't been run for some time it is possible that thick castor oil is clogging the jets. Choking will clear this out.

3. If the engine still persists in above action it is possible the carburetor jets are stopped up. Remove the venturi and needle valve body. Three tiny jet holes will be found in the groove around the venturi tube. Clean these jet holes with a piece of fine wire. Reassemble and the engine should run.

4. If the engine refuses to fire at all, screw the glow plug out and connect it to the clip. If the little coil inside does not get red hot, it is either burnt out or the battery is dead or the connections are made incorrectly. Replace the battery or the plug, or correct the connections. Glow plugs are never guaranteed. Do not return the engine to the factory for a burnt out glow plug because the cost to you will be excessive. Buy one from your dealer.

5. If you are not using Cox fuel, try it. **Never use gasoline or gasoline type fuels.**

### (D) OPERATING TIPS AND ENGINE CARE

1. The glow plug is built right into the head in one unit. When the plug burns out just replace the entire head at the regular glow plug price.

2. After the last run, oil the engine with a light oil (SAE 10 is good) and wrap it with cloth or otherwise protect it from dust and dirt.

3. If the engine gets dirt in it through crack-up or otherwise, do not run it until it is thoroughly cleaned. Take it apart, wash it, oil it, and reassemble.

4. If the engine gets tight it is not frozen up. Do not send to factory. A new engine will sometimes tighten up a few times, especially after slow runs. This is more likely to happen, and will occur more often to an engine that is properly fitted, and has properly smooth wearing surfaces. Do not run it tight. The tightness is caused by a shellac-



like deposit on the cylinder wall. Screw the head off. Remove the cylinder and scour the inside wall very lightly with a bit of fine or medium steel wool. Wash, oil, and replace. The engine will then turn over freely and run properly. Never use sandpaper, emery cloth, or abrasives of any kind, or scrapers. Such methods will ruin the cylinder. Steel wool will not harm the bore.

5. Certain kinds of weather, especially warm, humid (sticky) weather will cause excessive shellacking in a new cylinder. The smoother the fit the more susceptible is the engine to this trouble.

6. Do not tighten the head too firmly. Set it up just snug. Before removing head allow it to cool so it will loosen more easily. Use both wrenches when removing glow head. The top fin has flats for this purpose. Exhaust port should not be used to hold cylinder as damage could result from burrs being forced into the cylinder.

7. To remove the glow head from a hot engine -pour a little fuel slowly over the glow head to reduce the head temperature. Do not run it over the cylinder. The head will then release easily. A hot head will stick and forced removal may damage the cylinder.

8. Do not tighten the carburetor retainer nut more than enough to hold the carburetor from rattling. Overtightening will distort the front bearing and cause power drop and inconsistent running.

9. Tighten venturi nut only enough to hold needle valve body in position. Overtightening may strip the thread from the plastic carburetor body. 3. The needle valve body may be removed and replaced in the opposite position if desired.

(10. the needle valve body may be removed and replaced in the opposite position if desired.

## (E) PRESSURIZATION

### WARNING

USE OF THE FOLLOWING EQUIPMENT CAN DAMAGE YOUR ENGINE AND WILL VOID YOUR WARRANTY!

- DIESEL CONVERSION KITS
- SHAVED OR EXTREMELY HIGH COMPRESSION HEADS
- FUELS CONTAINING 100 PERCENT SYNTHETIC OIL FOR LUBRICATION

Pressurizing is very critical when taken directly off the crankcase. On this engine pressurizing means have been provided and the rotary valve controls the pressure to

normal operating limits. The hole in the pressure fitting on this engine is already started, but the hole will have to be drilled through the crankcase at this point before you can run on pressure. To rig for pressure observe the following steps:

1. Remove the back cover, cylinder, piston and rod assembly, venturi and needle valve assembly.

2. Rotate crankshaft until the port opening in the shaft points towards the pressure fitting on the right side of the black plastic carburetor body.

3. Continue drilling the hole already started in the pressure fitting through the crankcase. Use a #60 drill (.040 diameter).

4. Rotate crankshaft to deburr the drilled hole.

5. Flush crankcase and shaft thoroughly with methanol to remove all metal particles.

6. Lubricate shaft with light weight oil and reassemble engine.

The fuel tank must be air tight in order for the engine to operate properly on pressure. Be sure the tubing that connects the pressure fitting on the engine to the tank is also air tight. If the engine does not run smoothly air is getting into the pressure system. Check it thoroughly. With pressure, the venturi may be opened to %:" on the .049 and .051 or 1/a" on the .09 engine to attain maximum power although the gain is very little.



**Picture taken at the meeting.**



## Random pictures.....



**Stewart Saunderson with his Bomber at SAM27 TOFF.**



**Another plane built by Dick Irwin, the Pylon Buster (1940) designed by Armand Vasquez.**



**More information can be found here:  
<http://www.thebuildingboard.com/2013/08/the-1940-pylon-buster-by-armand-vasquez.html>**



**Same Lanzo Record Holder (1941-2) on the cover photo.**



**This is for all of you skeptics out there who thought metric crescent wrenches (spanners) were some kind of a joke!**

**Actually, it looks like a pretty good idea. If nothing else, when working with this wrench and you need to switch to a socket type, it would quickly identify which socket to pick.**

**Borrowed from SAM26 newsletter, "The Coastal Flyer", Bob Angel Editor.**

## Just One More...





# THE SOCIETY OF ANTIQUE MODELERS INVITES YOU TO THE RC



## 2026 SAM CHAMPS



**DATES:** Sept.16, 17, 18, 19, 20

**LOCATION:** Schmidt Ranch,  
Elk Grove, CA

**TIME:** Breakfast 7:30,  
Registration, 8:30-9.00, a.m.

**PILOTS MEETING:** 9:30 a.m.  
followed by first flights

**CLASSES/RULES:** 2025 SAM  
Rule Book.

**AWARDS:** Plaques and Stickers.

**REGISTRATION FEE:**  
\$35. Includes any or all days,  
events. Includes plaque.

**Additional:**

Awards Banquet, \$40  
Ball Cap, \$12

Current AMA membership and  
proper FCC license for 50 & 53  
mHz. required. 27 mHz is allowed  
(watch for frequency conflicts).

We will use the 2025 Rule Book For RC events with Glow and Spark Ignition engine events combined.  
Registration On site Contest Manager Dave Warner RC CD 's SAM 27, Clancy, Hamler, Kramer,  
Saunders, Bazaruto

### SCHEDULE OF EVENTS

**WEDNESDAY:** Registration all day. Test flying and flying of Thursday events from 1 p.m. –6 p.m.

**THURSDAY:** 9 a.m. – 6 p.m. A Ign/Glow Comb.\* Antique\* Spirit of SAM\* Electric Texaco\*

**FRIDAY:** 9 a.m. – 6 p.m. B Ign/Glow Comb\* Texaco\* Speed 400 (90)\* Electro Rubber\*

**SATURDAY:** 9 a.m. – 6 p.m. C Ign/Glow Comb.\* 1/2A Texaco\* Electric LMR\* Ohlsson Sideport

**SUNDAY:** 9 a.m. – noon. Brown Jr. Foxacoy Speed-400 (60) A Texaco

Old Time Glider will be run any day by those interested in flying it. Awards same as other events.

\* \*Championship Event. There will be a RC Champion, and an Electric Champion.

*Awards Ceremony begins at noon Sunday ..*

### Gourmet Dining

*Pancake breakfasts, and lunches.  
Served Thursday thru Sunday.*

Saturday Night Banquet 6:30 p.m. at the Freeport Bar & Grill.  
\$40 (approximately)

Please telephone or email for banquet reservations

For further information [www.antiquemodeler.org](http://www.antiquemodeler.org).

SAM Facebook page, and SAM Speaks

**Best Western John Jay Inn**  
15 Massie Court, Sacramento  
(916) 689-4425

**Hampton Inn & Suites**  
Longport Court, Elk Grove  
(916) 683-9545

**Holiday Inn Express**  
9170 W. Stockton Blvd, Elk Grove  
(916) 478-9000

**Holiday Inn Express**  
2460 Maritime Drive, Elk Grove  
(916) 478-4000

**Best Western**  
620 Lincoln Way, Galt  
(209) 745-9500

**Motel 6**  
7407 Elsie Ave., Sacramento  
(916) 689-6555

### Directions to Schmidt Ranch

Traveling south on I-5, exit Hood Franklin Road, turn left (east) over overpass, turn right (south) on Franklin Blvd. (J8).

Traveling north on I-5, exit Twin Cities Road, turn right (east), turn left (north) on Franklin Blvd., (J8).

Camping OK, NO hookups.

GPS Coordinates: N 38° 19' 48" — W 121° 26' 51"

Rev. 2



# A Friendly Reminder....The Renewal Process

**SAM21, AMA\* and SAM membership renewal links are listed below. (\*newer AMA members might have a different renewal dates.) SAM21 still going with the old fashion way, forms and checks in an envelope and stamp on the outside.**



Use the renewal form and send renewal fee to **Steve Roselle 17427 Airport Ave, Grass Valley, Ca 95949**. The SAM21 2025 membership is \$0.00, yes, ZERO.



Go to <https://www.antiquemodeler.org> Log In with your password. Click on **"Membership"** on the top of the page. There is a hardcopy of the Renew Form if you don't want pay through Paypal. Fill it in and mail to the address on the form. For New Member, go to the same link and click on **"JOIN SAM"**



<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.

## 2026 SAM 21 Officers

PRESIDENT: Alan Peterson: 1115 Seena Avenue Los Altos, CA 94024 Tele: 650-941-6557 E-mail: [alanzoars@aol.com](mailto:alanzoars@aol.com)

VICE PREZ: Bill Vanderbeek:

Tele: 408-472-0274 E-mail: [billvanderbeek@yahoo.com](mailto:billvanderbeek@yahoo.com)

SECRETARY: vacant (Sam Niece)

TREASURER: Brian Chan: 113 Starlite Drive, San Mateo, CA 94402 Tele: 650-867-8813 E-mail: [SAM21editor@gmail.com](mailto:SAM21editor@gmail.com)

MEMBERSHIP: Steve Roselle: 17436 Airport Ave, Grass Valley, Ca 95949 Tele: 650-465-1996 E-mail: [HangarRat21@outlook.com](mailto:HangarRat21@outlook.com)

CHIEF EDITOR: Brian Chan: 113 Starlite Drive, San Mateo, CA 94402 Tele: 650-867-8813 E-mail: [SAM21editor@gmail.com](mailto:SAM21editor@gmail.com)

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



## SAM 21 - 2026 Membership Application Form

Check one: ☐ NEW Member ☐ RETURNING Member

Check one: ☐ FULL Member **FREE**

SAM No. \_\_\_\_\_ AMA No. \_\_\_\_\_  
(Req'd if full)

Name: \_\_\_\_\_

Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Phone: \_\_\_\_\_ Cell \_\_\_\_\_

**Mail Form & Dues to SAM21 Treasurer: Steve Roselle 17436 Airport Ave, Grass Valley, Ca 95949**

