

S.A.M. Chapter 13  
AMA Charter #158

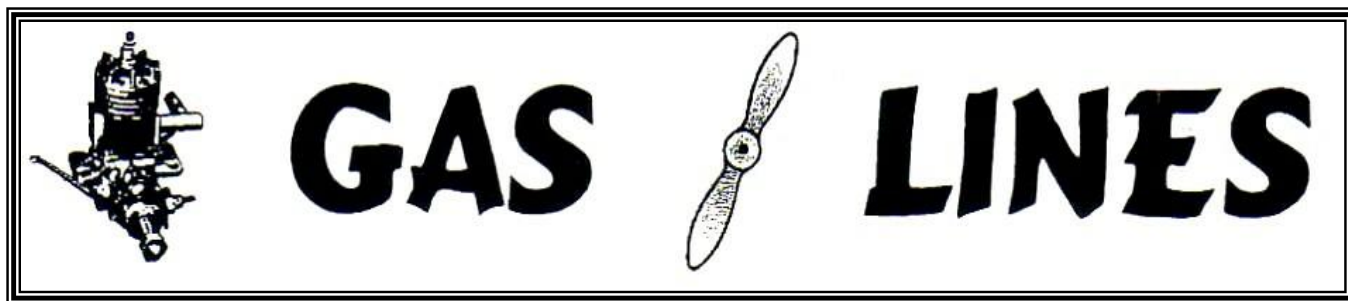


**Official Newsletter of the Southern California Antique Model Plane Society**

**Founded in 1964**

*Website address: <http://SCAMPS.homestead.com>*

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Lance Powers  
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**AMA 158 – Southern California Antique Model Plane Society – Sam 13**

**SCAMPS Club Officials**

<b>President</b>	Bernie Crowe	(858) 204-7987	bcrowe42@gmail.com
<b>Vice President</b>	Hal Cover	(909) 591-3717	hcover3646@hotmail.com
<b>Treasurer</b>	Lance Powers	(714) 307-3040	lancepr@mac.com
<b>Newsletter Editor</b>	Clint Brooks	(562) 349-2672	scampsedit@yahoo.com
<b>Safety Officer</b>	Paul Guiso	(714) 963-7270	PCGuiso@socal.rr.com

**President's Corner**

*by Bernie Crowe*

Hard to believe we are half-way through the year already! A new thing we started this year is to have one of our group talk to the Club about some topic of interest to all. We got started slowly, but now have a line-up of subjects for the rest of the year. On July 14, at the meeting hosted by Jack Guiso, long-time Club member Allan Arnold will talk about GPS trackers for keeping tabs on our wandering planes. These newish wonders will pinpoint the location of an errant plane and show you on your smart phone exactly where it is! Allan was the first Club member to adopt this way of tracking, and since then the devices have gotten smaller and more effective, so it will be good to be brought up to date. Thanks, Allan.

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For the rest of the year, we have several topics we hope will be of interest to everyone. The list is:

August	Trimming for performance	Bernie Crowe
September	Engine tuning & running-in	Hulan Mathies
October	Carving propellers	Hal Cover
November	Electric Power Systems	Bernie Crowe

We are just beginning to plan for next year, so tell us if there is a subject you'd like to see covered and we'll set it up for you.

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At a recent Scale Staffel contest I lost my trusty *Mr. Smoothie*, a Greve Racer from the Golden Age air races days. Its last flight was a doozie; going upwards in a humongous thermal, last seen at about a thousand feet and still rising. Needless to say, I didn't have a tracker of any sort on it, let alone a GPS device. A few months ago, I lost my *Gollywock*, and immediately started building a replacement. Three days later Hal Cover found the plane for me! In April, I lost my *Lamb Climber* OT Large Rubber plane. I started building a new one the same day, and three weeks later Joe Jones' grandson found my lost one. So, this time, when I lost the *Smoothie*, I did the obvious thing: I started build another the same afternoon. So far, the magic hasn't worked...

## SCAMPS Club Meeting Schedule for 2018

We have essentially filled the meeting schedule for 2018. Meetings will be at noon on the dates noted below.

We also have organized a real Christmas party. It will be at Jane and Hal Cover's house on Saturday December 8<sup>th</sup>. It will be catered and there will be a charge based on the cost of the catering.

### CLUB MEETINGS:

**July 14<sup>th</sup>** at Jack Guiso's home. (UPDATED from last newsletter)

**August 4<sup>th</sup>** at Joe Jones home

**Sept 8<sup>th</sup>** (tentative) at Eric Strengell's home

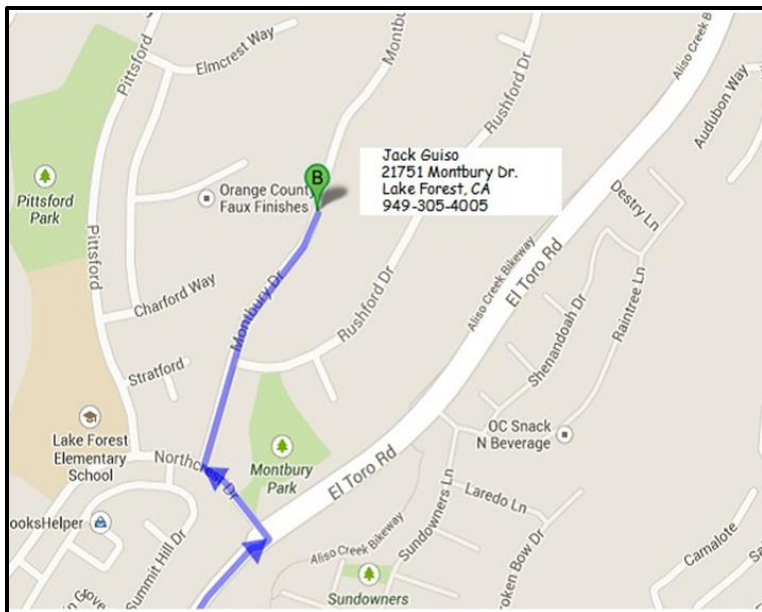
**October 6<sup>th</sup>** at Lance Powers home

**December 8<sup>th</sup>** Christmas party at Hal Cover's home.

We will keep you updated as to location and schedule changes.

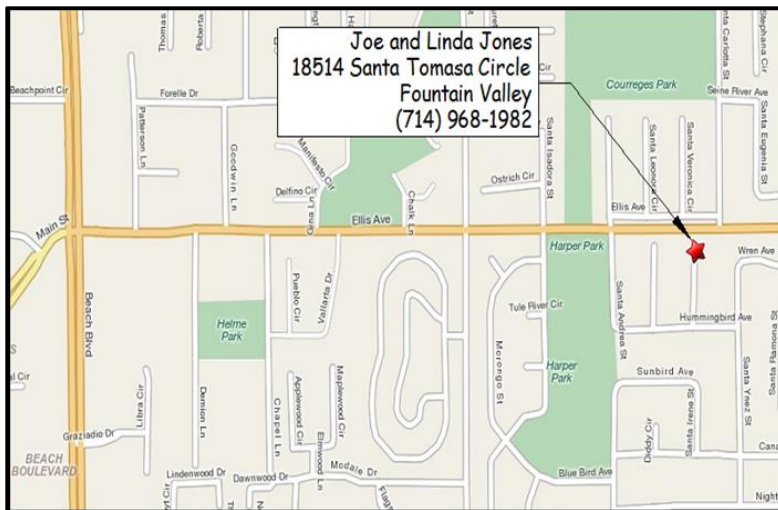
-Hal Cover

### Directions to Jack Guiso's home for the July Club Meeting starting at noon:



The SCAMPS July meeting will be held **Saturday July 14<sup>th</sup>** at the home of Jack Guiso located at **21751 Montbury Dr.** in Lake Forest. Call Jack at (949) 305-4005 if you need more information about the meeting plans. **Directions:** 405/5 North or Southbound-exit El Toro Road or Lake Forest Road and head Eastbound on El Toro Road to Northcrest Drive and head left until you hit Montbury Drive and head right (only choice). If you are coming from the Inland Empire it might be faster to take the 241 Foothill Toll Road and exit El Toro, heading west until you hit Northcrest and go right. The rest of the direction is the same.

## Directions to Joe Jones home for the August Club meeting starting at noon:



The SCAMPS' August meeting will be held **Saturday August 4th** at the home of **Joe and Linda Jones** located at **18514 Santa Tomasa Circle** in Fountain Valley. **Directions:** from the 405 freeway exit Beach Boulevard West. Turn left on Ellis (south) to a right turn onto Santa Andrea Street, which then bends south and becomes Hummingbird Avenue. Turn left onto Santa Tomasa Circle and you are there.

## SCAMPS NEWS

*by Clint Brooks*

The 2018 NATS is rapidly closing in on me and I've been getting things ready to go as much as possible. One project is preparing my *Super 'Y'* rubber design for the Andrade Rubber event by adding a folding prop to make good use of the additional rubber allowed in this contest. Rather than carve a prop and make it into a folder as done for OT rubber, I took the approach of molding prop blades as done for coupe style front ends. I wanted a prop diameter of 10-10.5 inches to allow a good amount of thrust from 17 grams of rubber and not put the model out of whack from a larger prop working against the same tail volume the model is trimmed for using a 9.5-inch diameter prop. So not being very scientific, I crept the diameter up just a bit from what the model normally flies with as a P-30 setup. To make it easier, I made a transfer mold from a Czech P-30 prop to use for molding my balsa prop blades and assemble with the root stem to mount the blade in the hub assembly.



Most of the work in this involves generating the mold and the additional features to install the stems at a repeatable location. My mold is somewhat crude but with some practice it's easy to make fairly high-quality prop blades. Like everything else there is a learning curve so if trying this be prepared to make a few samples before claiming semi-competence on the process. It's more like making it to first base safely!

I coupled my new prop with an adjustable thrust bearing design that utilizes a centering ball and tensioning screws as done on my electric model designs. I drill a hole through the centering ball to allow the prop shaft clearance and it's ready to go with a few changes to suit the rubber setup.

Initial *Super 'Y'* flight tests prompted a wing adjustment to accommodate a new center of gravity. Once this was found the rest of the trimming was about getting a good thrust angle adjustment. I discovered my thrust bearing assembly was a bit delicate and kept cracking, also the #0-80 adjustment screws were too light duty for what was going on. The prop worked fine though and before it was over I was putting in full torque and enjoying the model. To be honest, I didn't observe a radical difference in performance although the climb is much brisker with the higher torque and thrust. It's fun to experiment regardless.

At home, I broke down the setup, made another set of blades with square stems to help control pitch angle variation due to hole slop in the round prop stems on the initial set. I also rebuilt and beefed up the thrust bearing assembly so I'm hoping the result is good enough to hold its own at the NATS.

My other project over the past few months is generating an E-Nostalgia design of the *Ramrod 250*. As of this writing I'm about done with the design and the part nesting. I was targeting this ship for the NATS but e-Nostalgia is a provisional event right now so I have no reason to rush it. I have my existing *Ramrod* to use if they decide to hold the event so that will be it. The new design utilizes the sliced (now laser cut) rib construction Ron St. Jean used-I based it on the drawing that he provided to John Pond. My only deviation is to add the fuselage cutouts and additional features required for the electric components so there should not be any field engineering required to have a model that flies off the board. Everything is shown for all subsystem components and how they install, so if you want to give electric a try but like a classic free flight design this is another way to start with the least amount of mystery.

On the newsletter front, I won't be publishing the August edition due to NATS travel. As always, I welcome articles or pictures of your projects and flying activity to use in upcoming newsletters.

### **SCAMPS Club Contest Wednesday June 13 2018**

*by Bernie Crowe*

Blessed with great weather, which got a little hot towards the end, we had a good turnout for our June Club contest at Perris. We were flying OT Small Rubber, all high-thrust AMA Gas, Electric F1S, and Electric E20.

Five of us signed up for OT Small Rubber, though only two flew in the end. This was also the first time that *Gollywocks* were in the minority! Hal Cover had the misfortune of a stooge malfunction, which badly damaged his *Dyna-Moe* and put him out of the running. Fernando's *Sparky* seemed to be flying well early in the day, but the motor blew at full winds and he ended up flying some other planes. Paul Guiso, just back from a months-long road trip, flew his *Wren* and racked up a total of 268 seconds in three flights. I flew my older *New Gollywock* (as opposed to my new *New Gollywock*) and dropped the first round by 1 second. The next maxed in a huge thermal, and the last flight made only 87 after dropping out of a fizzling lift. George Walter had even more fun, scoring 67 on his first, then scoring two maxes by putting his *Wren* into consecutive dust devils on his last two flights and achieving some prodigious altitudes!


All high-thrust Gas continued to be thinly competed, with only Ron Thomas recording any officials. Jeff Carman broke the fuselage on his plane during trimming, and though repaired he didn't make any officials. This is Hulan Mathies' event, but he didn't make any flights either. Ray Peel's *Starduster* experienced some timer problems, and on his first attempt the motor ran long and the plane got over on


its back, eventually plowing a new hole in the field towards the freeway; game over. Ron Thomas had his *900 Starduster* really cooking and dropped only one second in his three flights to take the win.


E20 is a relatively new electric event but has seen three of us participating in earlier contests. Randy Wisley took to this event like a duck to water and built his entry in just a few days before the contest. Naturally, he wasn't content with the usual designs and instead cobbled up a mid-engined canard design from the UK. It flew well, and he scored his first E20 max on his third flight! Unfortunately, Lance Power's E20 is suffering from TMR (too many repairs) so didn't fly, and I flat ran out of time to fly my *Mini-E*, so Randy and Linda racked up a win on their first E20 event!

In E36 Phil Ronney had his *Satellite* flying well early in the day but did not record any official flights. Clint Brooks flew his *Apache 2* consistently chalking up three maxes and a 118 to take the win. I didn't get to fly my *Fugette* until late in the contest, managed one max then ran out of time, leaving Clint the clear winner.

Next Club contest is Wednesday July 11, for Commercial Rubber, P-30, Perris Special, OT Sport Glow, and AMA Electric. Dust off the planes now!

 <b>SCAMPS OT Small Rubber Combined Club Contest - Perris 6-13-18</b>									
	NAME	MODEL	FLIGHT 1	FLIGHT 2	FLIGHT 3	FLYOFF 1	FLYOFF 2	SCORE	PLACE
1	<b>Paul Guiso</b>	Wren	99	103	66			268	<b>3</b>
2	<b>Hal Cover</b>	Dyna-Moe	dnf						
3	<b>George Walter</b>	Wren	67	120	120			307	<b>2</b>
4	<b>Bernie Crowe</b>	Gollywock	119	120	87			326	<b>1</b>
5	<b>Fernando Ramos</b>	Sparky	dnf						

 <b>SCAMPS E-20 Club Contest - Perris 06/13/18</b>									
	NAME	MODEL	Flight 1	Flight 2	Flight 3	Fly-off 1	Fly-off 2	SCORE	PLACE
1	<b>Linda Wisley</b>	McCann-ard 20	73	63	90			226	<b>1</b>

 <b>SCAMPS F-1S Club Contest - Perris 6/13/18</b>											
	NAME	MODEL	Round 1	Round 2	Round 3	Round 4	Round 5	FO-1	FO-2	SCORE	PLACE
1	<b>Bernie Crowe</b>	Fugette	120	dnf						120	<b>2</b>
	<b>Phil Ronney</b>	Satellite	dnf								
1	<b>Clint Brooks</b>	Apache 2	120	120	120	118				478	<b>1</b>



**SCAMPS All Hi-thrustline Gas Club Contest - Perris 6/13/18**

	NAME	MODEL	FLIGHT 1	FLIGHT 2	FLIGHT 3	FLYOFF 1	FLYOFF 2	SCORE	PLACE
1	<b>Ron Thomas</b>	Starduster 900	120	120	120	119		479	<b>1</b>



The Wrisley "McCann-ard" E-20

## 2018 Free Flight Contest Schedules -Perris/Taibi Site Unless Otherwise Noted

SCAMPS Monthly Club & Sanctioned Contest Schedule 2018 V2.0					
Mo	Day	Rubber	Power	Electric	CD
Jan	17	P30 / Jimmy Allen	1/2A, ABC, D/supD AMA Gas	F1S (E-36)	B. Crowe
<b>Jan</b>	<b>20</b>	<b>Haggart/Bowden-Perris</b>			<b>M. Myers</b>
Feb	7	OT Small Rubber (comb)	1/2A, ABC Nos Gas	E Nostalgia	H. Mathies
<b>Mar</b>	<b>11</b>	<b>SCAMPS 13th Annual Taibi Contest-Perris</b>			<b>J. Jones</b>
Mar	14	P-30 / Greve-Thompson combined mass launch	All 1/2A AMA + Nos Gas	AMA Electric	J. Jones
Apr	11	OT Large Rubber (comb)	Perris Special, OT Sport Glow	F1Q + F1S	R. Peel
<b>Apr</b>	<b>22-23</b>	<b>SCAMPS/SCIF Texaco-Lost Hills</b>			D. Heinrich
May	9	4oz Wake / 8oz Wake + Mulvihill	1/2A, ABC, D/supD AMA Gas	E Nostalgia	J. Carman
<b>May</b>	<b>6</b>	<b>Lotto/Twin Pusher-Perris</b>			H. Cover
Jun	13	OT Small Rubber (comb)	All Hi-thrust AMA + Nos	F1S + E-20	H. Cover
Jul	11	P-30/Comml Rubber	Perris Special, OT Sport Glow	AMA Electric	L. Powers
Aug	15	OT Large Rubber (comb)	1/2A, ABC, D/supD AMA Gas	E Nostalgia	P. Guiso
Sep	12	OT Small Rubber (comb)	All 1/2A AMA + Nos Gas	F1S + E-20	R. Thomas
Oct	10	Nos Wake / Nos Rubber	Perris Special, OT Sport Glow	AMA Electric	P. Ronney
<b>Oct</b>	<b>20-21</b>	<b>SCAMPS/SCIF+San Valeers Nos-Lost Hills</b>			D. Heinrich
Nov	14	P-30 / Jimmy Allen	1/2A-A, BCD AMA Gas	F1S	G. Drake
Dec	12	Gollywock Mass Launch + OT Small Rubber (comb)	1/2A, ABC Nos Gas	E Nostalgia	B. Crowe

San Diego Orbiters Monthly Club & Sanctioned Contest Schedule 2018					
Mo	Day	Rubber	Power	HLG/CLG	CD
Jan	29	P-30 (no rain date)	Any-Gas or Electric	Any	Mike Pykelny
Feb	18	OT/Nostalgia rubber (no rain date)	Any-Gas or Electric	Any	Mike Pykelny
Mar	18	Coupe (3/25 rain date)	Any-Gas or Electric	Any	Mike Pykelny
Apr	15	P-30 Memorial (4/29 rain date)	Any-Gas or Electric	Any	Mike Pykelny
<b>May</b>	<b>19-20</b>	<b>SDO/FGMC FF Bonanza-Lost Hills</b>			
<b>May</b>	<b>27</b>	<b>Coupe make-up for 3/18 contest</b>	Any-Gas or Electric	Any	Mike Pykelny
June	24	OT/Nostalgia rubber (no rain date)	Any-Gas or Electric	Any	Mike Pykelny
July	N/A	No Contest Planned			
Aug	N/A	No Contest Planned			
Sep	16	Coupe (9/23 rain date)	Any-Gas or Electric	Any	Mike Pykelny
Oct	14	P-30 (10/28 rain date)	Any-Gas or Electric	Any	Mike Pykelny
Nov	11	OT/Nostalgia (11/25 rain date)	Any-Gas or Electric	Any	Mike Pykelny
Dec	9	Coupe (12/16 rain date)	Any-Gas or Electric	Any	Mike Pykelny

OASIS Squadron FAC-20 Outdoor Schedule 2018				
Mo	Day	Events	Location	CD
Mar	28	Greve/Thomp Combined, Jim. Allen, All Sky Chief	Perris	Roger Willis
Jun	11	Blur Race, BiPl Mass L., OTRF	Perris	Roger Willis
Oct	10	WWII Combat, FAC Rub. Scale, 1/2 Wakefield	Perris	Roger Willis



San Diego Scale Staffel Outdoor Schedule 2018				
Mo	Day			CD
Feb	24-25	Flying Aces Club	Perris	George Mansfield
Jun	9-10	Flying Aces Club	Perris	George Mansfield
Nov	17-18	Flying Aces Club	Perris	TBD



Note to guests interested in observing or flying free flight models at Perris:

The usual time to catch us in the act is in the morning. Most Saturday mornings are when people come out to test fly or tune up their models and skills, and just have a good time. You can observe a handful of top FAI rubber and glider flyers along with with others flying a range of model types- mostly endurance rubber powered and electric or gas powered. Scale free flight models are flown when the Scale Staffel has their FAC contests also noted above. These are typically conducted over two day periods to get in all the event categories normally flown. Flying usually starts 7-ish and ends late morning depending on winds. There is usually a group that flies on Wednesday as well if you would rather make a mid-week trip. Come join us-see the map above for an idea on directions-it's on the east side of the 215 freeway, off San Jacinto Ave.-there is a dirt road entrance on the right.

# 2018

## 50<sup>th</sup> SAM CHAMPIONSHIPS

September 24 – 28 Muncie, IN

Celebrating 50 years with the following perks....  
Reduced Entry & Banquet Fees plus Free lunch each day

Flying ALL FF Events in the SAM Rule Book  
*Except the 2 Texaco Events & Fuel Allotment*

Nostalgia 1/4A, Early 1/2 A, 1/2A, A,B & C  
Sm & Lg Rubber. Classic 1/2A, A/B, C/D  
&Towline. SM & LG Nostalgia Electric.  
Vintage FAI  
plus a few Flying Aces Events

At the Pilot's Meeting on Monday we will consider allowing HL Gliders to be disc launched.

### National Cup Competition

(4) FF Championship Crystal Mug Awards

*Note: OT R/C FF will be flying  
a full agenda per the SAM Rule Book.  
Current or 2019 Membership requested*

Additional Information see SAM SPEAKS or SAM Website [www.antiquemodeler.org](http://www.antiquemodeler.org)

**Contact Information:**

Contest Manager: Tom Boice 937-478-5900

FF Contest Director: Ted Firster 951-830-0414

RC Contest Director Tom Boice and Glenn Poole