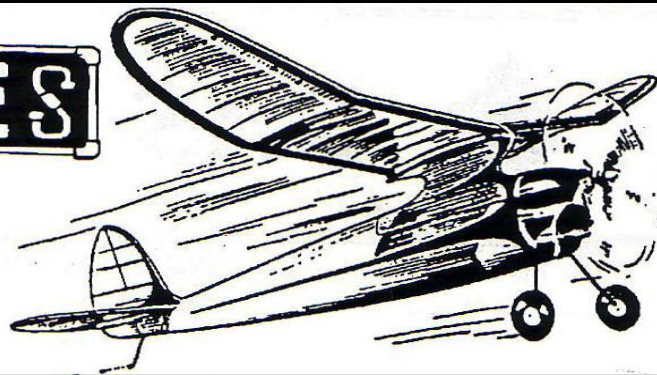


GAS LINES

May 2021



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

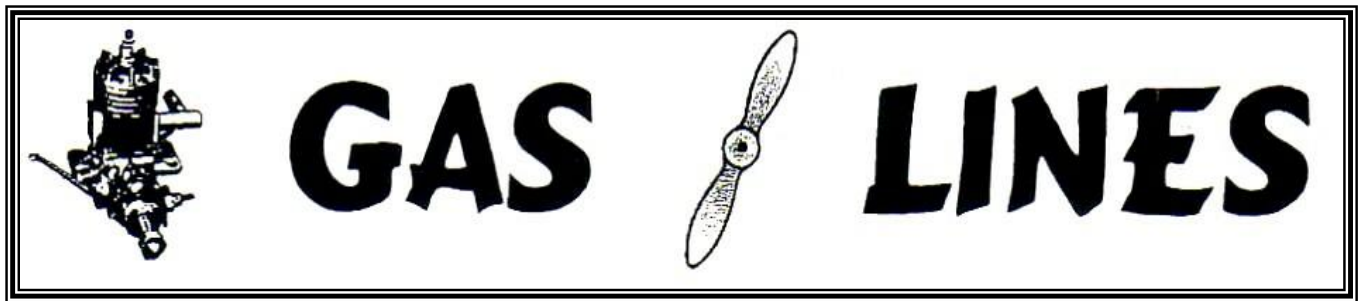


Official Newsletter of the Southern California Antique Model Plane Society

Founded in 1964

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

Return Address:
Lance Powers
1207 Trinidad Circle
Placentia, CA 92870



AMA 158 – Southern California Antique Model Plane Society – Sam 13

SCAMPS Club Officials

President	Bernie Crowe	(858) 204-7987	bcrowe42@gmail.com
Vice President	Hal Cover	(909) 591-3717	hcover3646@hotmail.com
Treasurer	Lance Powers	(714) 307-3040	lancepr@mac.com
Newsletter Editor	Clint Brooks	(562) 349-2672	scampsedit@yahoo.com
Safety Officer	Randy Wisley	(714) 204-7781	thewrisleys5@aol.com

SCAMPS 2021 Donut Schedule

Mo	Day	Responsibility	Mo	Day	Responsibility
Jan	6	Clint Brooks	July	7	Jack Guiso
Jan	13	Don Chapton	July	14	Brian Sutton
Jan	20	Hal Cover	July	21	Jane Cover
Jan	27	Bernie Crowe	July	28	Pat McMillan
Feb	3	Richard Brooks	Aug	4	Ray Peel
Feb	10	Eugene Drake	Aug	11	Randy Wisley
Feb	17	Gary Barton	Aug	18	Fernando Ramos
Feb	24	Jack Guiso	Aug	25	Phil Ronney
Mar	3	Brian Sutton	Sep	1	Gary Vogt
Mar	10	Jane Cover	Sep	8	George Walter
Mar	17	Pat McMillan	Sep	15	Linda Wisley
Mar	24	Ray Peel	Sep	22	Roger Willis
Mar	31	Randy Wisley	Sep	29	Clint Brooks
Apr	7	Fernando Ramos	Oct	6	Don Chapton
Apr	14	Phil Ronney	Oct	13	Hal Cover
Apr	21	Gary Vogt	Oct	20	Bernie Crowe
Apr	28	George Walter	Oct	27	Richard Brooks
May	5	Linda Wisley	Nov	3	Eugene Drake
May	12	Roger Willis	Nov	10	Brian Sutton
May	19	Clint Brooks	Nov	17	Jane Cover
May	26	Don Chapton	Nov	24	Ray Peel
June	2	Hal Cover	Dec	1	Bernie Crowe
June	9	Bernie Crowe	Dec	8	Hal Cover 2
June	16	Richard Brooks	Dec	15	Gary Barton
June	23	Eugene Drake	Dec	22	Pat McMillan
June	30	Gary Barton	Dec	29	Ray Peel

SCAMPS Club meetings are still cancelled due to the on-going coronavirus pandemic. Until things start improve and health directives are relaxed there are no club meetings planned in 2021 as of this issue of the newsletter.



Donut Schedule Coordinator is Jane Cover (909) 851-2075

~Volunteers are responsible to coordinate with other members if they cannot fulfill their commitment~

President's Corner- April 2021

by Bernie Crowe

Driving on to the field March 31 I was pleasantly surprised to see that the entrance road had been graded, and the wrecked car in the flood control channel had been moved. The euphoria didn't last long! Some yahoo had dumped a significant pile of debris right in the middle of the flying area, and a quick check suggested it was too big a job for volunteer labor to move and dispose of it.



Roger Willis checked around and found a local contractor that would make it disappear for \$250, and we agreed to split the cost and get it done. Roger arranged for the pick-up and paid the contractor. I asked for donations from the member clubs of the PFFA, and within a week the cost of the job was covered. Thanks guys!

While looking for Mike Pykelny's lost Coupe on 4-21, Lance Powers found an E36 I had lost over two years ago! Most importantly, it still had my last surviving Pim Ruyter tracker attached! The airframe was completely intact, probably due in large part because I had covered it in Polyspan. Other than some evident insect nibbling at the balsa in various areas, it was undamaged. The LiPo battery was of course history, but with a fresh battery installed it fired right up and was ready to fly again! Once again, thanks Lance!



SCAMPS NEWS

by Clint Brooks

What's new since April? Income taxes finished?? Hopefully, but in other news, the Spring Annual at Lost Hills ran the weekend of the 10th-11th, and there was quite a turnout for it. San Valeers has expanded their event calendar under the leadership of Guy Menanno which made their side of the contest by far the most attended. Daniel Heinrich CD'd the SCAMPS, and I think he garnered ten entries all weekend. Texaco is the draw here, and Jeff Carmen and Brad LeVine were actively participating in it. I don't know who won, but a few times Jeff's big Taibi Powerhouse was slowly climbing out in the most majestic way. That airplane is truly inspiring to watch and I enjoyed every minute of each flight.



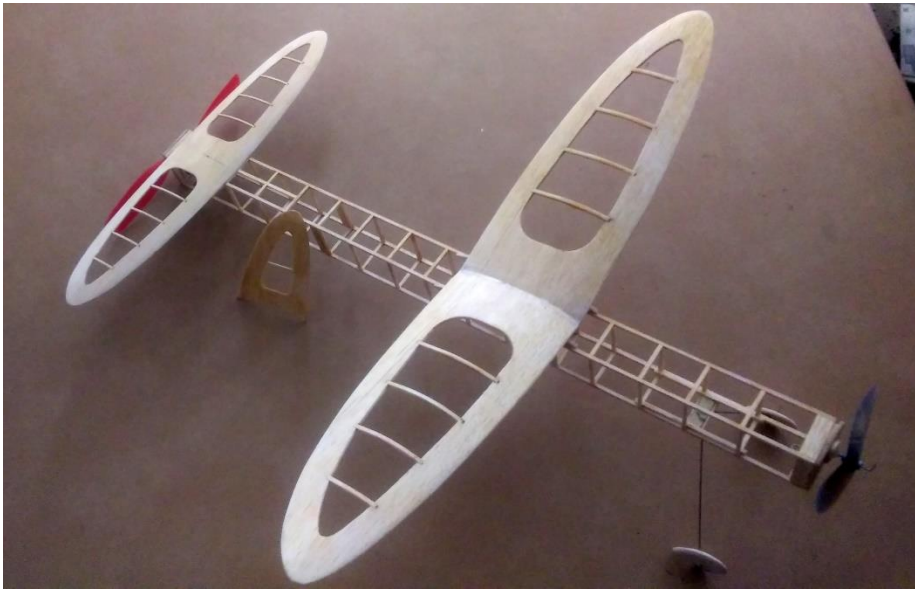
There was a lot of Nostalgia Rubber being flown both days, and that appears to be a very popular event, surpassing the number of Old Time rubber models in the air whenever I paid attention. I had the Miss Worlds Fair packed in with other models, and Mike Mayea had his as well. We planned a flight together on Sunday, but I got wrapped up in F-1S and never got mine out of the box. I know Mike was disappointed in me, as we have had this same plan the last two years. I just couldn't afford to go on a long chase for the MWF and keep up with the round flying in F-1S that included it's own chase time, so I opted for the event I was doing best at. I think Mike forgets or doesn't know I don't have a motorcycle or other self propelled chase vehicle. My legs were bulging with all the mountain bike time I was getting. Each return included a nice headwind to power against all the while hanging on with one hand, so no leaning in for extra power!

I was handicapped by not having my usual daughter timer along with me, so my pace was slowed down quite a bit. I worked all morning in E-36 on Saturday, and after the FAI events ended, some other fliers joined in and quickly climbed up the scoreboard to tie with me. Now the contest was on- and I thought I had it locked when I thought my competition had dropped near the end of the contest period. I went back to doing something else, thinking I was golden for the win. Not paying attention to the scoresheet allowed one other who was still alive pass me and take the win, which I didn't realize until the award time. Oh well, it was a good day and I'm glad the winner took it.

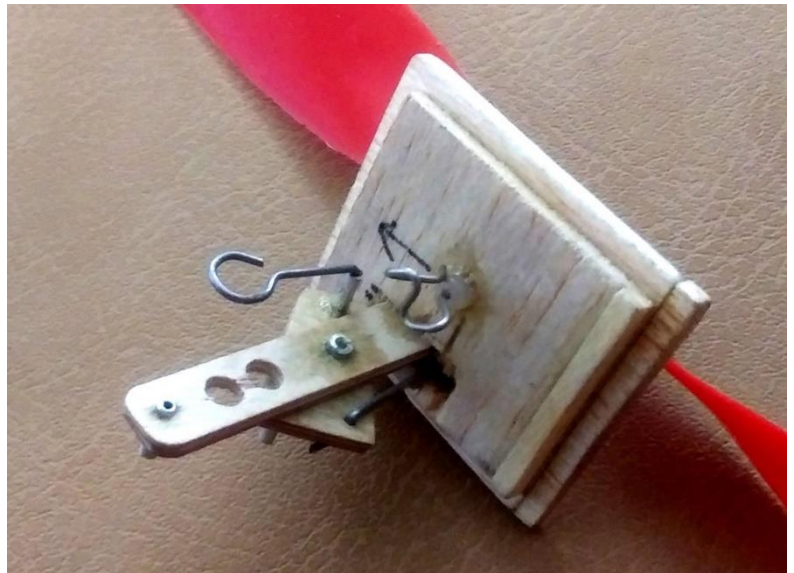
F-1S on Sunday was pretty much an all day thing, and I was sharing timing duties and running retrievals on all my flights. Four of us made it to the flyoff-two dropped the first, and then I managed to plant my model in strong air and make the four minute max on a three minute timer to take the win. I needed the extreme altitude to make this happen, and it did. It was one of the best flyoff sessions I've had in F-1S.

In da woicks!

On the building board this month, Randy Wrisley's new pusher-puller Bostonian, which he calls



“2nd Wind”. You can see why looking at the neat front end. The plane has two motors, same length and number of strands, but they run sequentially! The tension of the motor powering the front prop pulls the bell crank and pushes a pin through the nose block to prevent the rear prop from turning. When this motor runs down and loses tension, a dental band pulls the pin back and the rear prop begins to turn! Hence, long prop run. Neat, huh!





Not quite as cute, but making progress anyhow, is my XL56 Vintage Wakefield. The structure is finished and ready to cover, and sports a typical Pyxis tracker socket just forward of the wing.

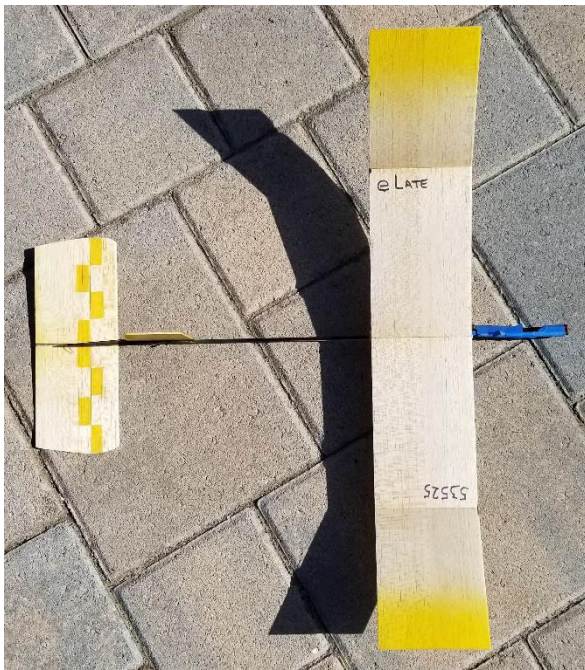
Not yet complete, but the front end is taking shape. I decided to construct a Bob White-style soldered unit with help from Norm Furutani. The unit

uses a 3/32 motor shaft threaded 3-48, and the hub is fabricated from three separate brass tubes that carry the 1/16th wire prop hangers. These are soldered in place using silver solder and also drilled and tapped 3-48. The whole is then assembled and tightly fastened with nuts fore and aft before soldering the whole unit firmly together. The prop hangers are softened by heating to cherry red, then threaded 1-72 to take the prop retaining nuts.



by David Wade

E20 in da woicks



The most recent bit of absurdity coming out of my shop is an E20 inspired by Stan B. He was flying what looked like a hand launched glider with a prop and it was impressive enough for me to try one, sort of. Since it was going to be “testing the waters” so to speak, I spent no effort on aesthetics as this picture shows.

I started with 1/8” x 3 1/2” x 20 5/8” lightish balsa, stuck a thin piece of basswood on the leading edge, shaped an airfoil into it, sprayed with Deft, and added enough polyhedral to bring it under 20” projected. The stab is 1/16” x 3” x 8” somewhat lightened by sanding. After a little Deft I fashioned an old school tissue paper hinge for DT. Pretty much the same treatment for a fin.

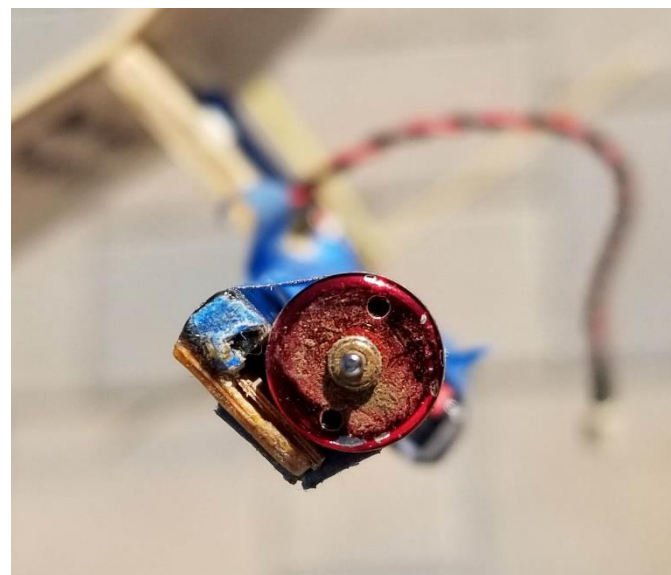
The fuselage started with a 3mm square carbon fiber tube. A 1/8" x 1 1/4" pylon was added with cutouts for the timer and servo. A little wood was added to strengthen where the wood was removed and to bolster the pylon to CF tube joint.



Now that the boring stuff is over with, here is the real meat of the project, the electrical stuff. The timer and servo setup is from Microflierradio.com. I had it for a while so I think it is one version out of date but still does the job. It has motor settings for 5, 10, 15, and 20 seconds and DT settings for 10, 30, 90, and 120 seconds (that do not begin until the motor stops). The motor is a Racerstar 8520 which really cooks (rated at 53,500 RPM). The battery is, well, a battery (make sure you get the right size connector!). So far I tried two props, the 65mm KingKong and the one from Willamette Model Club. It appears to me the one from WMC is good for about 30% more altitude. I haven't tried the fiberglass one from Micro Flier yet.

I would say the only cleverness on this model is the motor mount. After giving up the idea of making some clever plastic twisty-turny thing like on the high-priced models I settled for a small piece of 1/32" ply glued to the CF tube, yielding something of an inside corner to trap the motor into. A little shim was added for 1 degree of left thrust and blue tape holds the motor and battery in place (thank you Stan B and 3M).

The all up weight of this little guy is a hernia-inducing 53 grams or so (remember the target is 30). Tonnage notwithstanding it climbs like a small E36. After seeing its performance, I plan to cobble up a fuselage like this for my existing stick and tissue surfaces to see if I can get a climb like this one but with a less-dismal glide. Give me a couple weeks-see you at Perris.



Eager to Learn!

Gene Drake

The Phoenix Model Club holds an Indoor Flying Model competition in the Dome at Eager, AZ once or twice a year. This year they made a public announcement that any and all were invited.



This would be a Dry Run for the INDOOR NATS to held in May 2022. It happens that Chuck Andraka of Albuquerque, NM has three students enrolled in High School, Science Olympiad that need practice in preparation for a trip

to the Salt Mines of Romania for the World Junior Championships in F1D competition. Somewhere near 30 fliers showed up on April 16 to test their models, before the actual competition began on the Saturday the 17th.

I spent most of the day Friday finishing my Bostonian entry. There was not enough time left to cover my Manhattan and Penny planes.

Dave Lindley, the current president of the National Free Flight Society, arrived on April 15 to scope out the site before making FINAL commitments for the May 2022 NATS. Dave brought his new CANDY WAGON full of Indoor Model goodies. He had the finest Rubber Winders and Rubber strippers manufactured for sale in the Dome. I put a clock on his Limited Penny plane flights and enjoyed learning serious indoor techniques.

On Saturday morning the Albuquerque crew started putting up serious flights with Limited Penny Planes & Easy B's. The air was far too rough for F1D & F1M competition. I cannot help but enjoy the color change as these models pass from yellow to green and red as the lighting angle changes during their flight due to diffraction on the plastic film coating.

On Saturday I put up three test flights with my Bostonian. The model behaved nicely. Two other fellows were testing Bostonians at the same time. I decided to put up an official flight. With 1,400 winds the little puppy was launched. Yep, we got up to the rafters 109 feet up and stayed there pushing 2 minutes. The other fellows put their models away and cleared the floor with no Official flights. OK!

Sunday was a joy watching Chuck's Albuquerque crew put up an F1M. These are huge models that can fold to destruction with a puff of rough air. They are beautiful in flight with the prop turning

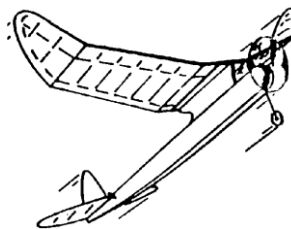
over about once a second. I did not try to enter the FAC events. Rich Adams did quite well in FAC. Dave Wagner put up some fine flights in FAC competition. Rich Adams did the FAC scale judging.

Sunday, I put up three flights in Embryo Competition using my Bostonian with the required 1-inch wheels added. One flight was great; and got me in the money. The other two flights clipped a rafter and scored poorly. The little Bostonian did finish 3rd in Embryo out of 9 fliers competing, though.

Chuck Andraka's Science Olympiad students from Albuquerque set four new AMA Junior Records in the dome over the weekend.

Monday, we had to pay the rent on the Dome. Twenty science students from Eager arrived in the Dome at 10:30 sharp. All 20 students put together John McGrath "Mountain Lions" models with help from the gathered EXPERTS. The models were tested and adjusted to FLY. Then we had a mass launch with 20 models flying and kids doing joy dances. Not enough! Rob Romash from Denver took over. A second mass launch was called. This time the kids were to launch, then fall to the floor to avoid being hit by flying models. From the floor they were to raise the hand when their own model finished its flight. This made for kids wiggling on the floor to follow their models and models swooping around above. The Dome was full on "Mountain Lions". The floor was full of kids. What a HOOT!!! Every student got a box containing an AMA Alpha kit with rubber and a winder. The top three finishers got extra Model kits. Mountain Lions are good for about 90 seconds duration in the dome. I don't think any of them came down short of 60 seconds. If you are working with kids, I recommend this model.

Saturday and Sunday the EXPERTS had dinner together. The Trails End and Avery's BBQ are both good eats.



2021 Free Flight Contest Schedules -Perris/Taibi Site Unless Otherwise Noted

SCAMPS Monthly Club & Sanctioned Contest Schedule 2021 V 1.0					
Mo	Day	Rubber	Power	Electric	CD
Jan	13	P30	AMA Gas & E Combined	F1S (E-36)	B. Crowe
Feb	17	OT Small Rubber (comb)	Nostalgia all Combined	E Nostalgia	C. Brooks
Mar	TBD	SCAMPS 13th Annual Taibi Contest-Perris			cancelled
Mar	17	OT Large Rubber + Bungee-launch glider	Golden Age Small & Large	AMA Electric	B. Crowe
ATTENTION!! The date of the next SCAMPS club contest has been changed to April 28					
Apr	28	P30 + Small Open Rubber (Andrade)	Perris Special, OTSG Sm/Lg	F1S + E20	C. Brooks
Apr	10 & 11	SCAMPS/SCIF Texaco-Lost Hills			D. Heinrich
May	12	Nos Rubber/Nos Wakefield	AMA Gas & E Combined	E Nostalgia	B. Crowe
Jun	16	Gollywock Mass Launch + OT Small Rubber (comb)	Golden Age Small & Large	AMA Electric	
Jul	14	Coupe (F1G) + Bungee-launch glider	Perris Special, OTSG Sm/Lg	F1S + E20	C. Brooks
Aug	11	OT Large Rubber (comb)	AMA Gas & E Combined	E Nostalgia	
Sep	TBD	Lotto/Twin Pusher-Perris			H. Cover
Sep	15	Classic Coupe	Golden Age Small & Large	E36	
Oct	13	OT Small Rubber + Bungee-launch glider	Perris Special, OTSG Sm/Lg	E20	B. Crowe
Oct	TBD	SCAMPS/San Valeers Annual??	Lost Hills		
Nov	10	P-30 + Small Open Rubber (Andrade)	AMA Gas & E Combined	E Nostalgia	C. Brooks
Dec	8	OT Large Rubber (comb)	Nostalgia all Combined	AMA Electric	

San Diego Orbiters Monthly Club & Sanctioned Contest Schedule 2021					
Mo	Day	Rubber	Power	HLG/CLG	CD
Jan	24	P-30 (1/31 rain date)	Any-Gas or Electric	Any	Mike Pykelny
Feb	21	Coupe (2/28 rain date)	Any-Gas or Electric	Any	Mike Pykelny
Mar	21	OT/Nostalgia rubber (3/28 rain date)	Any-Gas or Electric	Any	Mike Pykelny
Apr	18	P-30 Oldenkamp Mem. (4/25 rain date)	Any-Gas or Electric	Any	Mike Pykelny
May	15-16	SDO/FGMC FF Bonanza-Lost Hills			
May	30	Coupe	Any-Gas or Electric	Any	Mike Pykelny
June	13	OT/Nostalgia rubber (6/27 rain date)	Any-Gas or Electric	Any	Mike Pykelny
July		No Contest Planned			
Aug		No Contest Planned			
Sep	19	P-30 (9/26 rain date)	Any-Gas or Electric	Any	Mike Pykelny
Oct	17	Coupe (10/24 rain date)	Any-Gas or Electric	Any	Mike Pykelny
Nov	21	OT/Nostalgia rubber (11/28 rain date)	Any-Gas or Electric	Any	Mike Pykelny
Dec	19	Make-up events (12/26 rain date)	Any-Gas or Electric	Any	Mike Pykelny



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 the Southern California Aero Team (SCAT) 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 San Diego Scale Staffel has their FAC contests-check their website for schedules. 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 a larger 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.

DUAL-CLUBS FREE FLIGHT BONANZA

A National Cup & America's Cup Points Event

**SAN DIEGO ORBITEERS 62nd ANNUAL - CLASS AA, CATEGORY 2
SPONSOR OF AMA & FAI EVENTS**

*

**FRESNO GAS MODEL CLUB 81st ANNUAL – CLASS AA, CATEGORY 2
SPONSOR OF NOSTALGIA, TEXACO & OLD TIME EVENTS**

*** MAY 15th & 16th, 2021 ***
*** LOST HILLS, CA ***

SATURDAY ONLY
7 AM – NOON, 1 - 5 PM
**LUNCH BREAK W/ICE CREAM
SOCIAL**

EITHER DAY
MUST FINISH EVENT THE SAME DAY

SUNDAY ONLY
7 AM – 3 PM

F1A
F1B
FIC
1/2A GAS(1)
C/D GAS
E-36
P-30 (1)
VINTAGE FAI POWER
CATAPULT GLIDER (1)
½ A TEXACO
DAWN P-30 MASS LAUNCH
NIGHT GAS (COMBINED)
TWIN PUSHER MASS LAUNCH

SMALL OT RUBBER STICK
SMALL OT RUBBER CABIN
LARGE OT RUBBER STICK
LARGE OT RUBBER CABIN
¼ A NOSTALGIA
½ A NOSTALGIA
A NOSTALGIA
B NOSTALGIA
C NOSTALGIA
EARLY ½ A NOSTALGIA

.020 REPLICA
A PYLON
B-C PYLON
A FUSELAGE
B-C FUSELAGE
RUB/WAKEFIELD NOS
CLASSIC TOWLINE
½ A CLASSIC POWER
½ A GOLDEN AGE

FIG
F1H
F1J
F1S
A GAS
B GAS
F1Q/A/B ELECTRIC (COMB)
HAND LAUNCH GLIDER (1)
FULL SIZE TEXACO
MULVIHILL
DAWN MULVIHILL
GOLLYWOCK MASS LAUNCH

(1) Junior & Senior/Open Event

See Special Instructions on backside

**** AN ORBITEER TRADITION LIVES ON ****

JOIN US FOR SATURDAY ICE CREAM SUNDAE SOCIAL ON US (NOON – 1 PM)
also

SATURDAY NIGHT FOOD FEST POTLUCK ORGANIZED BY DAN HEINRICH (6:00 -7:00 PM) *(Main course provided)(Bring a side dish or dessert)(Let Dan know what you're bringing at aronutd@cs.com)*

CASH AWARD FOR 1st PLACE with 3 or more entries. PLACARDS awarded to 1st,2nd & 3rd place

Ceremonies at: 3:15 PM Sunday

\$20 REGISTRATION Sr. & Open / \$2 Jr

\$5 per Event Sr. & Open / \$1 Junior -

Optional: \$40 for Registration & Unlimited Events

For Information Contact:

CD: Don Bartick, - San Diego Orbiteers
(858)774-2941
dbartick@4-warddesign.com

FAI: Bill Booth, San Diego Orbiteers
(760) 889 -3201
ffitarch@gmail.com

Nos,OT,: Doss Porter, Fresno GMC
559-251-0787
Steve93612@comcast.net

SPECIAL INSTRUCTIONS

(LOST HILLS FF MODEL AIRFIELD ASSOCIATION CARD REQUIRED (\$25 AT FIELD TO JOIN))

SATURDAY NOON to 1 PM LUNCH BREAK & SUNDAE SOCIAL

The contest will be suspended for 1 hour for lunch and the San Diego Orbiteers famous ice cream social. This is a great time to relax, cool off, have lunch and enjoy the ice cream sundaes. We will provide ice cream, & sundae fixings, napkins, plates and plastic ware.

PRIZE DRAWING

The Fresno GMC once again has collected an enormous amount of model stuff for their drawing. For up to 3 events entered that are sponsored by them, the contestant will receive a drawing ticket. Drawing to be held right after Sunday's award ceremony.

BILL BOOTH, SR. MEMORIAL

High time in Old Time Gas. Includes 020 Replica, but not Texaco. Winner will receive a special award from the Fresno GMC.

HAND LAUNCH GLIDER & CATAPULT GLIDER

Hand Launch Glider & Catapult Glider will be launched from an established glider pen on the field. Max's are 120 seconds and all flights count.

NIGHT GAS FLYING

All engine classes combined. Event window between 6:30 pm – 9pm. Engine runs in accordance with aircraft classification; i.e., AMA or Nostalgia.

FAI EVENTS

F1A, F1B, F1C: 8am start time. Seven (7) one hour rounds. 240 second first round, 180 seconds, rounds 2-7. Round 5 starts at 1pm due to lunch break/ice cream social. Fly-offs starts no earlier than 4:30pm.

F1G, F1H, F1J, F1S: 8am Tiebreaker, no max. 15 min window. Not a regular round flight. 8:30 am start of regular rounds. Five (5) 1 hour rounds, 2 minute max. Fly-offs start at 1:30pm. Two (2) fly-offs, 3min & 4 min. If no winner, revert to morning tiebreaker flight.

VINTAGE FAI POWER

For rules, please go to this website: <https://freeflight.org/wp-content/uploads/2020/12/NFFS-Competition-Rules-2021-2022-Release-3.pdf> A copy of the rules will be available at the CD's table. First five (5) flights must be flown from the established line between 7:00 – 12:00 AM.

DAWN P-30

Saturday morning 7:30 AM sharp. Mass launch from glider pen; 1 flight, no max.

DAWN MULVIHILL (Timer can ride with contestant)

Sunday morning 7:30 – 7:50 AM launch window, 1 flight, no max.

TWIN PUSHER MASS LAUNCH

Saturday morning 8:30 sharp. Mass launch from glider pen; 1 flight, no max.

GOLLYWOCK MASS LAUNCH

Sunday morning at 8:00 sharp. Mass launch from glider pen; 1 flight, no max.

TEXACO (Timer can ride with contestant)

1/2A Texaco: Saturday 7:00-10:00 AM launch window, 8cc fuel; Full Size Texaco: Sunday 7:00-10:00 AM launch window, ¼ oz per pound – max 1.75 oz fuel.

1/2A GOLDEN AGE

Open to any free flight design that had plans published or dated from 01/01/1957 thru 12/31/1969. Engines are restricted to Holland Hornet

.049/.051 and Cox T.D..049/.051. Although an electric version is included in the provisional rules, electric is excluded from this event. No V.I.T., auto surfaces or auto rudders allowed even if on the original plan. Engine runs are: Cat II) Hand launch 12 sec/VTO 15 sec for first 3 official flights; fly-off flights are 8 seconds. Flight maximum is 180 sec.