Servo Chatter

Official newsletter of the SCCMAS "Tomcats" AMA club charter #110 March 2003 - Issue #97 Editor: Chris Luvara http://www.sccmas.org

NEXT MEETING: Thursday, March 20th @ 7:30pm. Location: Hayes Elementary School, located off of Poston Dr in San Jose. See page 3 for a meeting map.

<u>Program:</u> Raffle prizes will include the usual - a radio, an engine, a kit, glues, and lots of other neat stuff! Bring your latest creation for show and tell and receive a free raffle ticket. Coffee and Donuts as usual. Presentation of Annual survey results.

<u>Cover Photo:</u> A nice close up shot of Bahman Dara's Spacewalker. (Photo by Bahman Dara)

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From the Editor

by Chris Luvara

I've been doing this newsletter for almost seven years now. I started off with my brother, and then progressively took it over on my own. Just this month I notced it was getting a little repetitive the last few years, so



I am going to try and change the layout a little bit. Nothing big, or earth shattering, just some subtle changes to liven things up a little bit. I hope that it all works out for the better and I encourage any comments that you have.

I need your help with a few things. Going over the member surveys this year I found people really would like a "Member Bio" column. Basically, every month we learn about another member through a little history, such as and how they have been in the hobby, or even what they do for a living. I think it would be a great edition. If anyone would like to volunteer to interview members and gather a picture I would really appreciate it.

People have also recommended more how-to and beginner type articles. This is another place I need your help. Send in any ideas you have. Often times I am so consumed these days by the club content that needs to make it in, I don't get a chance to get much outside hints and tips.

In this issue you will find the NCRCS list with all the contests in Northern California for the rest of the year. I recommend that you hang on to this. I usually don't get a chance to print the list again. If you save it now, you won't be lost on what contests are going on.

One last thing, be sure to check out the April 2003 issue of R/C Modeler magazine. That pretty girl and pretty red airplane is my doing! It's a great feeling to see your photo on the cover of an international magazine.

Until next time,

Chris



Mail Submissions to:

Servo Chatter 1365 Buchanan Dr. Santa Clara, Ca 95051-3950 408-247-8579

Flyin Fast

The VP's News by Michael Luvara

Welcome again as 2003 is rolling into action. We're now moving into the excellent flying weather that the Bay Area is so well known for. With this



comes our contest season. The SCCMAS event schedule for 2003 has been posted at the field and appears in this issue, embedded in the NCRCS schedule and highlighted. There's a lot of great events scheduled for 2003 and we look forward to an exciting year ahead. Events like the Annual Airshow in July rely much on the help of the members to make them a success, so we need your help at these events. Shuttle drivers, BBQr's, shack shack workers, general help, etc. Let us know if you can help. We have also tallied the member contest surveys returned with the 2003 renewals. These surveys weighed in heavily on event planning and their results are shown in this issue. The interest in the events is interesting, particularly when you compare the "participant" and "helper" data. The jet event is one example of this. It's clear that it is a spectator event for most and has been a great fundraiser for the club at the same time.

I would like to remind everyone again about the ponds and overflight of the areas north of the fence line. Overflight of the

ponds is not permitted and every member needs to comply with this. There are no exceptions for any plane, pilot, day of the week, or hour of the day. It is very simple – restrict flight to the south of the fence.

Please take a few minutes and read over the 2003 AMA rules and regulations. Edits and additions are made on occasion and these are very important to your coverage in the event that an accident occurs. Safety is everyone's duty.

At the January 2003 meeting our 2002 helper raffle was held. For each time a person worked an event throughout the year helping, in the snack shack, work party, etc, their name was placed in the giveaway. Thanks to all who helped in 2002. We gave away close to \$600 in prizes and here's a list of winners from the meeting. If you have not yet picked up your prize, please contact me.

JR Radio – Gordon McConnell Ace Kit – James Thompson 1 year SCCMAS membership – Greg Uhlendorf Radio Box – Chris Huhn Flight Pack – Don Lijana Jacket – Larry Arcadi Tachometer – Jim Enfantino Power Panel - Todd ? *Continu*

Continued on page....6



Number Responses



by Rich Luvara



Members Present: 70

New Members: Wayne Wilson, Julius Chisolm, Dave Leppard, James Marshall.

Show and Tell

Featured Speaker - Don Loughridge - Don talked about a unique aircraft of his that has been around guite awhile. It all started out when he was a teenager and started to build an R/C aircraft with a few friends. Over time, the airplane became the talk of the town, having been featured in the local paper. The aircraft sat for some time and was reunited with Don some 40 years later. He relocated the original hand built motor and had it installed for some recent presentations. To this day, the aiplane has never flown. Thanks for the great presentation Don!



Dumb Thumb

And the winner is.....

Jack Sunzeri - Any suprise?



Bob Ortman - Kit Richard Luhdorff - Radio Bob McBride - Fuel / Fuel Tubing Duane Close - Engine / Glue Tome Uhlendorf - Fuel Pat Rose - Iron Joel Ledain - Kit Harold Klose - Meter Wayne Wilson - Glue Ivan Cifuentes - Glue Paul Cremins - Glue



This month, we have to thank Sheldons Hobbies, Hobby World, R/C Blimp Productions and PIC glues for their help with our raffle. Without contributions from sources like this, our raffle would in no way be possible. Please support all of our local hobby shops that are listed on the back cover of the newsletter. Remember, the local shops are the ones that donate to our club. The mailorder ones do not.

Meeting Location Map



SERVO CHATTER



by Babe Caltabiano

INFLOWS

Dues

TOTAL INFLOWS

OUTFLOWS

Acme Sanitation	\$915.58
AMA	\$185.00
Apparel	\$302.50
Bay Alarm	\$135.00
Building Materials	\$585.66
Club Area maint.	\$1,829.16
Garbage	\$324.46
Insurance	\$839.38
Internet/Webcam	\$261.35
Misc.	\$172.20
Office	\$896.63
Permits	\$270.00
Pest	\$50.00
Pitney Bowes	\$36.53
Printing	\$1,225.60
Raffle	\$422.53
Rental Vending	\$75.00
Soda Purchase	\$448.40
Tax	\$25.00
Utilities, PGE	\$42.82
Utilities, Phone	\$524.06
Water	\$544.60
TOTAL OUTFLOWS	\$10,111.46
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OVERALL TOTAL

Several SCCMAS members installed new entrance road signs. The new signs bring a fresh look to the entrance Thanks goes to *Pat Rose* for doing all the hard work in getting a sign shop located. Also, thanks to *John Adams* for assisting in the installation!

\$10,976.54



Cash Flow Report

\$21,088.00

\$21,088.00

1/13/03-3/10/03

Safety &

Training

by Jim Patrick

As the good flying season comes upon us we could use more flight instructors. If you are interested

in instructing, remember we have started the SCCMAS Flight Voucher program. The student can buy a booklet of 10 flight instruction vouchers for 25.00 dollars, good for one flight per voucher. Reading directly from the voucher, it states "This

ticket is good for one flight with a SCCMAS instructor. Instructors can redeem this ticket with the SCCMAS for a \$2.00 credit towards their yearly dues. This ticket can



also be put towards SCCMAS apparel, contest entries, or used in the snack shack. It has no cash value and is worth \$2.00 towards the above mentioned items. No refunds. Service offered for club members only." If you have questions regarding training or instructing call me at 408.356.0817 There is also a section in the forum on our club web page dedicated to questions and answers on the topic of flight instruction. Using this is an easy way to get answers from a large pool of members. Please feel free to use this feature.

Starting engines is NOT allowed in the pit areas. There are too many spectators around. Start your engines in the startup area or along the taxiways. Extended running or breaking in engines is done at the northwest end of the parking lot where you see the table. When you are starting an engine get someone to hold your plane. We have a friendly group. You can always find someone willing to help you, just ask. Tying your plane to the fence is not as reliable. Just ask some of our members about this. Your plane can very easily jump forward as it flexes the fence or takes the slack out of the tie down. Then the plane can jump forward enough to bite you. The safest method is to get someone to hold your plane. It is surprising that someone can get shot down by another pilot at our field, but this still happens. Remember to put your transmitter into the impound when you get to the field. The system is simple. When you are ready to fly you go to the impound to get BOTH your transmitter AND the correct frequency pin. If you put the pin on your transmitter before each flight you can easily check it before you turn on. The bottom line is; Don't even THINK about turning on your transmitter until you have checked that you have the CORRECT frequency pin!

Congrats to these new solos since last meeting:

Matt Hanson Jack Patterson Bill Urban Rafael Villeda Albert Wallash Jeff Bradbury Meyrick Camilosa Kevin Foje Alexander Goul

Union Middle School Students - Part Duex

March 4th, 2003

Dear SCCMAS,

Thank you so much for the wonderful experience. The students enjoyed every minute because of the positive, helpful attitude of all the people involved. The students were so excited about flying the models. They also seemed to learn a lot from the instruction by each of the trainers. Again, thank you Mike for all the extra time and effort you put into making this possible. Please, pass on this praise to the others. We'll hopefully see you again in May or June with the last group of students.

Sincerely, Karen Reed Union Middle School



Thanks to the following individuals for their help: Reggie Dell Aquila, Jack Sunzeri, Sam Sunzeri, Bryan Patterson, Joel Ledain, Dick Gardner, Jim Dunn, Michael Luvara, George Zbrudzewski, Richard Ludhorf.



The teacher, Karen Reed even got a chance to fly.,



Karen Reed and her students that got a chance to fly.



Joel Ledain gives students some stick time. **SERVO CHATTER**



Dick Gardner teaching, or being taught?

Electric Fuel Pump – Todd Howard Polo Shirt – Scot Teshner Glow Plugs – Matt Campi Glow Plugs – George Mateer Pic Glue – Matt Campi Pic Glue – Fred Celsi Pic Glue – Gary Cervo Polo Shirt – Dave Wigant

Help is needed in the snack shack this year. Please contact us if you are available to help out. Our goal is to keep the shack open every weekend to serve food and refreshments. We are still looking for an individual willing to work for hire on weekends.

On Saturday, February 22nd, a work party was held to do much needed work around the field. We had a great time during the day and some of the chores included replacing broken posts, adding sprinklers, de-weeding areas, doing electrical maintenance, and putting a fresh coat of paint on the benches and deck areas. The SCCMAS members are what make up so much of the SCCMAS and its success is directly related to those involved. A huge thanks goes to the 34 individuals who gave up their Saturday morning to help make the SCCMAS the great place that it is. John Ribble, Mike Luvara, Pat Luvara, Rich Luvara, Wayne Wilson, Joe DeRenzi, Byan Patterson, Jack Patterson, Howard Sosbee, Ken Duncan, George Black, Damon Parker, Bob Pairman, Reggie Dell Aquila, Richard Groen, Paul Groen, Jim Shadwick, Ron Monler, Ray Brown, Kevin Foje, Dick Thompson, Pat Rose, Ken Levy, Gordon Vallandigham, Tim Jones, Jim Dunn, George Mateer, Paul Steiner, Mike Conrardy, Ehab Aljandali, Tony Wilsom, Bob Riley, Ron Caeton, and Ron Bodwell. Thanks again guys! If we missed anyone, please let us know. Your names will be put in the 2003 worker raffle.

2003 is going to be a heavy year maintenance-wise for the SCCMAS. We're working hard on the possible installation of the long awaited permanent restroom facilities, along with reworking of the field overruns. This also includes flail mowing the field out to the mustang silhouettes in the field in order to remove the tall grass and fire hazard. As you have probably noticed, many signs around the field have also been replaced and upgraded. This includes the ones at the main entrance road on Monterey Hwy. These signs have an antigraffiti coating applied and should last us another 10 years. All of these upgrades and maintenance incur costs to the SCCMAS. When the permanent restrooms are installed, it will be a significant expense and split on behalf of the SCCMAS and the County. In anticipation of the bathroom addition, we have been forward-looking and saving for this exciting project. When the time comes, the membership's help will be needed during construction to help out on reducing out of pocket expenses.

The field is sure looking great after the February work party and through continued help of our members. Several key members which have been instrumental in maintaining portions of the field on an ongoing basis are George Mateer (sprinklers), Don Koelfgen & crew (lawnmower), Jim Thompson (equipment maintenance), and Pat Rose (signage).

One thing omitted in the past newsletter was the fact that the SCCMAS made a \$250 donation to Hayes Elementary School at the

end of last year. As you know, Hayes school is where we hold our bi-monthly meetings and Hayes responded with a letter indicating that they will put the funds to great use on needed school supplies. We're always glad to help contribute to education. Union Middle School in Los Gatos has now scheduled two field trips to our field, which included one last November and again on the 4th of March. We will again host Union Middle School in June. It's great to see youth so interested in aviation and they appreciate our member's help in letting them explore it.

In the April issue of R/C Modeler Magazine (RCM), an article entitled "R/C & Negligence, Twenty Seven years later" appears on page 142. This article is an interesting one and has some important points to consider on the hobby as far as the letter of the law goes. I would highly recommend reading this article to anyone who is involved with R/C.

Got an interesting project? Something neat to share to fellow club members? At each meeting, we like to schedule a featured speaker. Past months have seen club members Bob Parks and Don Loughridge speak on interesting models and subjects. Contact me if you are interested in speaking at a future meeting. This month will feature the presentation of the SCCMAS's annual survey results. Included in this issue is the frequency survey stemming from the 119+ surveys that we received. The returns for 2003 were an astonishing 40% of the renewals received. This is the best return that we have ever had and is great considering the fact that 10 to 15% returns are considered good for any survey.

The weather's been turning out some consistent 60+ degree days lately. If you're unsure of the weather at the field, don't forget that we have both a voice dial in (408-776-0101) weather station and one online from the website http://www.sccmas.org/weather/ weather.shtml. The online weather station, along with the webcams are turning out some great data and photos! Check them out on the SCCMAS website if you have not yet done so. Webmaster Steve Snell has done an extraordinary job in automating the webcams/ weather station, including the recent addition of a user-based photo gallery. Upload your photos today! Please thank Steve the next time that you see him at the field. His dedication and time invested in the SCCMAS website is no small feat.

Please note that the field phone has changed. It is now (408) 776-6844. This line is located inside the snack shack and can be dialed into to communicate with others at the field if the shack is open.

Club member Paul Steiner created a great new raffle box for our events and club meetings. It even has a handle and rotating section. The last box has been around for a good 15 years and served us well. Thanks again Paul!

Lastly, don't forget about the upcoming Inter-Club Fun Fly on Saturday, March 22nd. This event is a lot of fun for all pilots and includes people other clubs in a competition to see who can take home the top overall club points for bragging rights until the next year. Come on out and enjoy a great day of wacky R/C events. You said what? Musical planes? What's that? Come and find out!

Until next month, Michael

Circulating Video Library



Hello from ... Richard Groen

Well the SCCMAS continues to expand and add new things all the time. I can't say this is the latest addition to the club, but I do hope you will enjoy this non-computerized media the SCCMAS is offering also. We have begun to create a collection of videos all related to RC and flying. So far thanks to Reg Dell-Aquila and Mike Luvara we have our starting inventory of information and fun. The SCCMAS Library will consist of videos related to flying and RC and also any instructional books related to RC flying and building. At the last club meeting several members mentioned they have videos and instructional books they would like to donate. If those items are still available please mail them to me. You may also bring them to the airfield and if shack is open leave them in bag or box with BIG label that says "Library".

The way the library will work initially is at each club meeting I will bring everything available to borrow. Any SCCMAS member may check-out up to three items. You may keep them until the next meeting. If you are unable to attend next meeting you will need to mail items to me in time to make them available for other members at the next meeting. I fly most weekends and would be able to take back videos then also. If you want to be sure I will be there, or to obtain mailing address, e-mail me ...richdutch@aol.com, Or call me @ 408-593-3735. Either way I will get back to you with a response quickly. I look forward to helping SCCMAS provide more resources for our members. Any suggestions are welcome. Below is a list of videos available at next meeting.

•VHS- Hunters in the Sky, Fighter Aces of WWII ... (seven video series)
•VHS- The Heroes of WWII, Oshkosh Remembers ... (Volume 1 & 2)
•VHS- Model Sport Video Magazine, each covers 2 hours of various interests (6 videos)
•VHS- America's new War Machines – Popular Mechanics
•VHS- RC Video Magazine, each covers various interests (6 videos)
•VHS- Ballet of the sky 2001, 2 hours of championship footage from 3 events

Club Apparel



T-shirts are \$8.00 and can be purchased at the meeting or at the field when a club officer is present.

We also have hats, jackets and polo shirts available.

Show your club pride, buy them today!

Instructor Badges

In a continuing effort to improve our traing program, Instructor ID badges have been made which help point out new pilots to those willing to help give instruction. Shown here is an example badge. When an istructor is at the field and willing to help train a member, they will place this badge on a hook below the Instructor whiteboard on the snack shack porch. Any soloed SCCMAS member willing to acquire one of these badges is welcome to do so and should contact Michael Luvara. Just submit or have us take a photo and we'll supply you with a laminated version.



SERVO CHATTER



2003 Contest and Fly-in Schedule **NCRCS - Northern California R/C Society**

March

1	Make-a-Wish Fun Fly @ FRM, Fresno, CA	19-20	IN
8-9	SCAT @ Bennett Field, Las Vegas, NV.	20	F
22	Interclub Fun-Fly @ SCCMAS, Morgan Hill, CA.	26-27	W
22	Newbie Day @ SAMS, Sacramento, CA.	26-27	Μ
22	Swap Meet @ MRCFU, Modesto, CA.	27	W
30	Trainer Pylon Race @ Red Barons, Sacramento, CA.	Augus	st
April		2-3	E
5	T-34 Pylon Races @ FRM, Fresno, CA.	9-10	Pa
5	Flea Market @ SCCMAS, Morgan Hill, CA.	16	G
5-6	SCAT @ Phoenix, AZ.	16-17	Pa
6	Warbird Races @ SAMS, Sacramento, CA.	22-24	7 ^t
19	Warbird Races @ SCCMAS, Morgan Hill, CA.		Fı
19	Irv Rodemsky Stud Fun Fly @ DVRC, Pittsburg, CA.	23	Pı
25-	Spring Giant Scale Fly-In @ Salinas Area Modelers,		Sa
26-27	Salinas, CA.	23	W
26	Open Combat @ SAMS, Sacramento, CA.	29-30-	IN
26-27	IMAC @ Tucson, AZ.	31	С
26-27	SCAT @ Buttonwillow, CA.	30-31	S
26-27	Open House @ Woodland/Davis, CA.	31	W
27	Pattern @ BARCS, Richmond, CA.	Septe	
Мау		6-7	Pa
2-4	49'er Scale Masters Qualifier @ Woodland-Davis, CA.	12-14	F١
2-4	Giant Scale Racing @ Madera (Reedly Airport), CA.	13	F
3-4	Vertical Challenge Helicopter Fly-In @ FRM, Fresno,	20-21	I
	CA.	20-21	Je
4	IMAC Basic/Sportsman @ LFE, Livermore, CA.	21	W
4	Warbird Races @ Red Barons, Sacramento, CA.	27	E
15-	Scale Helicopter Contest @ Bayside R/C, Fremont, CA.	27	Μ
16- 17-18		27-28	S
17-18	Lady Hawks Fly-In @ DVRC, Pittsburg, CA.	27-28	S.
17-18	Pattern @ Las Vegas, NV.	28	D
17-18	Float Fly-In @ Camp Far West hosted by Red Barons,	28	А
17 10	CA.	Octob	~
17-18	IMAC @ MRCFU, Modesto, CA.	4	0
24-26	IMAA Giant Scale Fly-In @ FRM, Fresno, CA.	4-5	Pa
24-25	SCAT @ Salinas, CA.	5	.0
24-25	Jet Fly-In @ SCCMAS, Morgan Hill, CA.	10.12	Sa
June		10-12	IN
1	Warbird Races @ SAMS, Sacramento, CA.	11	A
7-8	Dan Sullivan All Scale Contest @ Ukiah, CA.	11-12	C
7-8	IMAC @ NBRC, Skaggs Island, CA.	11-12	Je S'
14	Open Combat @ SAMS, Sacramento, CA.	18	T
14	Electric Fly-In @ SCCMAS, Morgan Hill, CA.	18-19	Pa
19-22	IMAA West Coast Festival @ Castle Airport, Atwater,	19-19	0
	CA.	Noven	
21-22	South Bay Scale Masters Qualifier @ EBRC, Livermore,	1	N
	CA.	1	S
21-22	SCAT @ Camarillo, CA.	1-2	P
21-22	Pattern @ FRM, Fresno, CA.	8	T
22	Great Race @ Red Barons, Sacramento, CA.	8-9	Pa
28	1/12 Scale Combat @ SAMS, Sacramento, CA.	15	A
28-29	Scale Masters Qualifier @ El Toro, CA.	22	F
July		22-23	Pa
4-6	IMAA Giant Scale Fly-in @ MRCFU, Modesto, CA.	Decen	
12	Combat @ EBRC, Livermore, CA.	6	T
12	1/12 Scale Racing @ SAMS, Sacramento, CA.	7	T
12-13	Invitational Air Show @ SCCMAS, Morgan Hill, CA.	13	T
12-13	SCAT Basic/Sportsman/Intermediate @ Whittier, CA.		1
19	Day on the Hill Slope Soaring Fun Fly @ DVRC,		
	Pittsburg, CA.		

19	Flea Market @ SCCMAS, Morgan Hill, CA.
19-20	IMAC @ EBRC, Livermore, CA.
20	Fun Fly and BBQ @ SAMS, Sacramento, CA.
26-27	WW II Wings of Victory @ Woodland-Davis, CA.
26-27	Mini-Mac @ SACRATS, CA.
27	Warbird Races @ SAMS, Sacramento, CA.
Augus	st
2-3	Evergreen Scale Masters Qualifier @ Oregon
9-10	Pattern @ Whittier, CA.
16	Giant Scale Fly-In @ SCCMAS, Morgan Hill, CA.
16-17	Pattern @ SAM, Sacramento, CA.
22-24	7th Annual Bayside/Century Heli Jamboree @ Bayside R/C
	Fremont, CA.
23	President's Fly-In and Flea Market @ Red Barons,
	Sacramento, CA.
23	Warbird Fun Fly @ FRM, Fresno, CA.
29-30-	IMAA Mini Festival @ Salinas Area Modelers, Salinas,
31	CA.
30-31	SCAT @ Las Vegas, NV.
31	Warbird Races @ Red Barons, Sacramento, CA.
Septe	
6-7	Pattern @ Hollister, CA.
12-14	Full Scale Racing @ Reno, NV.
13	Flea Market @ Bayside R/C, Fremont, CA.
20-21	IMAC @ SCCMAS, Morgan Hill, CA.
20-21	Jet Fly-In @ FRM, Fresno, CA.
20-21	Warbird Races @ Red Barons, Sacramento, CA.
27	Electric Fun-Fly @ Half Moon Bay, CA.
27	Modeltech Magic Fun Fly @ Woodland/Davis, CA.
27-28	
27-28	SCAT @ Riverside, CA. SAM Warbirds @ SAMS, Sacramento, CA.
27-28	
28	Devil Mountain Electric Fun-Fly @ DVRC, Pittsburg, CA.
-	Airshow @ EBRC, Livermore, CA.
Octob 4	
	Open Combat @ EBRC, Livermore, CA.
4-5 5	Pattern @ Phoenix, AZ.
5	.025 and Small Electric Nats Fun Fly @ Red Barons,
10.12	Sacramento, CA.
10-12	IMAC @ Tucson, AZ.
11	Annual Auction @ Bayside – Holy Spirit Church, Fremont,
11 10	CA.
11-12	Jet Fly-In @ Woodland-Davis, CA.
18	Swap Meet and Fun Fly @ DVRC, Pittsburg, CA.
18	T-34 Races @ SCCMAS, Morgan Hill, CA.
18-19	Pattern @ NBRC, Skaggs Island, CA.
19	Open Combat @ SAMS, Sacramento, CA.
Noven	
1	Night Fly @ Red Barons, Sacramento, CA.
1	Swap Meet @ BARCS, Richmond, CA.
1-2	Pattern @ SCCMAS, Morgan Hill, CA.

- oys-for-Tots @ Woodland/Davis, CA.
- attern @ Prado, CA.
- uction @ DVRC, Pittsburg, CA.
- Flea Market @ SCCMAS, Morgan Hill, CA.
- attern District Championships @ Las Vegas, NV.

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- oys-for-Tots @ BARCS, Richmond, CA.
 - oys-for-Tots @ DVRC, Pittsburg, CA.
- oys-for-Tots @ EBRC, Livermore, CA.

SERVO CHATTER



Morgan Hill,CA

A facility of the Santa Clara County Parks and Recreation Dept.

Saturday, April 5th 8:00am - 1:00pm

By popular demand, we have added another Radio Conrolled Hobby Flea Market. Come join us at the SCCMAS field. Buy or sell your R/C related items. **No pre-registration necessary.** Our table space is limited, and is on a first-come, first-served basis, so be prepared to bring your own table. SCCMAS field will remain open for flying during the event and radios being sold must either have their module or battery removed. Our snack shack will be open serving food and refreshments.

Space rental \$10.00

For more info, contact Richard Groen at (408) 593-3735 SCCMAS website: http://www.sccmas.org richdutch@aol.com

From Hwy 101 heading North:

Exit on Cochrane Road heading west. Proceed to Monterey Hwy (approx 0.6 of a mile). Turn right on Monterey Hwy and head north for appoximately 2.6 miles. Just after you pass Live Oak, you'll see some high tension power lines and an 8 x 10 sign for the SCCMAS. Turn right at the power lines and proceed straight down the paved, private road to enter the SCCMAS. Speed limit is 15 mph.

From Hwy 101 or 85 heading South:

Exit on Bernal Avenue heading west. Proceed to Monterey Hwy (approx 0.5 of a mile). Turn left on Monterey Hwy heading south. Proceed south for approx 6 miles until you reach Live Oak Avenue. You must make a turnaround on Live Oak Ave. U-turns are not permitted at this intersection on Monterey Hwy. You should be heading North on Monterey Hwy now. Turn right at the high tension power lines where you see an 8 x 10 sign for the SCCMAS. Proceed straight down the paved, private road to enter the SCCMAS. Speed limit is 15 mph.



Please note- While on the private entrance road, use caution and obey the 15 mph speed limit. Stop at all stop signs and yield the right of way when a bicyclist is present! Thanks, the SCCMAS.

The Santa Clara County Model Aircraft Skypark "Tomcats" Presents an Inter-Club Fun-Fly Challenge Can your club be No. 1?

It's your club against other local clubs in a Fun Fly challenge. The rules are simple. Bring at least 5 members to represent your club, have fun competing in the crazy and wacky events we pose to pilots, and when the battle is over, the club with the highest average score wins! Any soloed pilot of any skill level can compete with just about any type of airplane. From trainers to Cap 21's, we've seen them all with an equal chance of winning! Troxphies will be awarded to the top 5 individual finishers and the club with top honors will take home their own trophy for bragging rights.

When: Saturday, March 22nd



Where: Tomcats field (see map below) Time: Check-in 8:00 am -Flying starts at 9:00. Entry fee: \$5.00 (per person) For more info, contact: Contest Director: Michael Luvara Phone: (408) 292-1212 Email: mike@sccmas.org www.sccmas.org

Past Winners 1999 - SCCMAS 2000 - Fresno R/C 2001 - SCCMAS 2002 - Bayside R/C 2003 -??????????????

Some typical events that you might see on March 22nd....

Spot landing, Limbo, Timed events, Cracker whistle, Glow plug in a spoon, God is my copilot, mirror-taxi, and many other neat surprises! You might be asking "What are all of these events?" -Come and find out!







RACES April 19th, 2003

VARBIRD

SIGN IN/TECH @ 7:30 RACING STARTS AT 9:00 ENTRY FEE: \$15.00 PER CLASS

> PRE-REGISTRATION REQUIRED

(408)292-1212 MIKE@SCCMAS.ORG

CLASSES: -Unlimited -Stock 40/60

FOR RULES: www.sccmas.org

MORGAN HILL, CA

PAGE 12

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PRESENTED

March 2003

SERVO CHATTER

660 FT

Make plans now to join us for the 2003 International Circumgyration

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Washout

by Bob Mabli

Washout may be confusing to the novice glider builder and flier, but it can make the difference between a gentle, easy-flying and forgiving floater and an untamed one.

Most all polyhedral glider kits like the Wonderer and the Gentle Lady instruct the builder to add "washout" to the wing tips. We may assume that the ARFs provide for washout but it is a good thing to check before the first flight.

Washout is a term that refers to the twisting of the outboard portion of a wing (trailing edge up) to reduce the angle of attack of the outboard wing section relative to the inboard portion. Doing this assures that the outboard section will not stall before the inboard section. At stall speed, the center will stall first and the tips will follow. This prevents the onset of uncontrolled roll during slow speed flight, especially during the landing approach and touch down where you don't have altitude to correct the condition. The roll will occur when one wing tip stalls before the other or before the rest of the wing.

Washout is easy to add and adjust in a built up wing (ribs and spars) with heat shrink covering. All it takes is blocking up the trailing edge of the outboard section and heating the covering to set the twist. This usually requires no more than 3/4 inch at each tip. Be sure that both sides are equal or the result will be a tendency to roll off onto the wing tip having less twist. While you're at it, check for warps in the rest of the wing and correct those by heating and twisting.

Fome-Cor[®] wings require either that the washout be cut into the foam when made or that different airfoil sections with different stall characteristics are used at the root and tip.

A high performance full house thermal ship will have different airfoil sections blended along the span for optimized lift and drag. The Crow configuration (flaps down and ailerons up) used in landing and high descent rates provides effective washout by virtue of the aileron deflection.

High speed slope airplanes do not usually use any washout because of the drag impact. Powered aerobatic airplanes have to have absolutely symmetrical wing sections for precise flying at any attitude-so washout is out. Landing approaches have to be "flown" in. Too often you will see an airplane snap roll turning on final because the pilot allowed the airspeed to drop too low and tip stall resulted on the wing on the inside of the turn.

> from The Peninsula Silent Flyer Peninsula Silent Flyers Torrance CA

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Hints & Tips

Work Area Filtration

by Chuck Thies

One of the main causes of a dirty, dusty work area is dust floating in the air. One solution I have found that works quite well for me is a box fan sitting on the floor with a furnace filter taped to the intake side of the fan. I also use a leaf blower frequently to blow the dust off of the rafters in the basement. This blows the dust into the air which is then caught in the furnace filter on the box fan. One step further is to drape an old T-shirt between the box fan and furnace filter. This will help catch some of the fine dust that gets through the furnace filter. This doesn't do much for chemical fumes but is a good way to keep your work area a little cleaner.

from The Windy Flyer Woodland Aeromodelers Phil Sterka, editor Woodridge IL

Ultrasonic Cleaner

An ultrasonic cleaner would be a nice thing for servicing engines. I've procrastinated for years in buying one because of the confusion in researching what's the best one for our use. Capacity, quality, etc., varies quite a bit. But I came to realize that I do have the poor man's version in the WaterPic® type tooth cleaning device. Mine happens to be an INTERPLAK® brand, and I've just tried it for cleaning out grit after abrading a cylinder inside to accept new rings. The gadget may even have a slight advantage over a sonic cleaner in cleaning out crevices with pulsed water jets. An example is cleaning the bypass cavity when you don't want to pull the cylinder liner. Four interchangeable tips came with the gadget, so the engines have their own sanitary tip, although I will make them all share the same tip. Best used outside, because water droplets spray everywhere.

> from the Society of Antique Modelers SAM 26 Central Coast Chapter newsletter Bob Angel, editor Santa Maria CA

Glue Safety

When working with CyA glue, always get out the glue and the release agent (solvent). They should be on the building table together at all times.

I have had the thin stuff run off of a part

unnoticed and glue my stomach to the table edge. This can be painful and makes it just a bit difficult to reach the shelf to get the glue solvent.

I once glued my hand to a large nearly complete model and I was not in a position to reach the glue solvent, way over on the shelf. I had to call for help to get unstuck.

Now, I always get the glue and the solvent (release agent) together. The solvent is ALWAYS within easy reach.

> from The Pilot El Paso Radio Controllers Jeff Blackwood, editor El Paso TX

Feel Your Work

by Alan Muetzenberg

I don't like to use any kind of tool to tighten the wingmounting screws on my airplanes because it is difficult to know how tight they are without the possibility of crushing the mounting



plates, so I use a nylon washer and a rubber washer, then simply tighten them with my thumb and forefinger. This way, I can feel how tight they are getting without going too far and the rubber washer acts like a clutch or lock washer and cannot work loose. These washers can be purchased at any hardware store. The attached picture speaks for itself.

> from The High Flier North Dallas RC Club William Machen, editor Plano TX

Sanding Files

Collect a few hardware paint stirring sticks. Then glue strips of various grade sand papers to each side to create a collection of useful sandpaper "files." You can also cut the sticks into odd shapes before applying the sandpaper for those hard to reach areas.

from WIRCS Touch & Go Whidbey Island Radio Control Society Manny Duarte, editor Oak Harbor WA

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SERVO CHATTER

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Steve Snell's JR P-38 Electric, powered by 2 MAXX 400 Cobalt Motors. (photo by Steve Snell)

The Servo Chatter is published bi-monthly by the SCCMAS "Tomcats" radio control club located in Morgan Hill, CA. For info E-mail: servochatter@sccmas.org. Views expressed in the Servo Chatter are those of the writers. They do not necessarily represent the views of the club, its members, or officers. The SCCMAS is a non profit organization. The Servo Chatter welcomes all letters and comments. Permission is granted to reproduce anything printed in Servo Chatter as long as the source and author are credited.



Servo Chatter c/o SCCMAS 1365 Buchanan Dr. Santa Clara, CA 95051-3950

> Next meeting: Thursday, March 20th @ 7:30pm Location: Hayes School, Poston Drive (see page 3 for a map) Notice: NO SMOKING on Hayes school premises!