Servo Chatter

AMA Club Charter #110

December 2015





www.sccmas.org

Official Newsletter of the SCCMAS "Tomcats"
Field Location: 10250 Monterey Road, Morgan Hill, CA 95037

News from the President



As the song goes, "What a long, strange trip it's been!" I am so thankful for the many years of service that Michael Luvara put in as president of SCCMAS. I thought I had a good grasp of the amount of commitment it took to run an organization the size of ours. In reality, I actually knew very little. Fortunately, I am surrounded by a very competent group

of members that have helped me immeasurably to climb a very steep learning curve.

The first trial by fire was the annual airshow. So many things have to happen behind the scenes to make it come off smoothly, and I must say, by most accounts, it did. With the exception of a small grass fire across the freeway on Saturday, there was very little "down time", which is never good for a spectator event. Even the fire created a mini airshow with the firefighting aircraft buzzing around and was quite entertaining. It is very difficult to estimate how many spectators we will have any given year. I would say this year was probably one of the lowest attendance in many years, which I take responsibility for. I'm sure I could have spent more time promoting and advertising the event. I am going to start forming committees early for next year's airshow. The airshow just can't happen without the help of many volunteers. There is a strong possibility that the airshow will be discontinued or at the very least, modified to a one day event if the membership doesn't step up to take on the many jobs necessary to put on the airshow. Please contact me or any of our Board if you can offer a little bit of your time and energy to help make the airshow happen.

Our official contest season is over and I want to commend our VP Steve Smith for his excellent work as contest coordinator. Steve has stepped up to fill our vacant position of Vice President and Tim Stahlke has taken over the chores as contest coordinator. I'm sure Tim will do an excellent job. We do have two more non-contest events on the calendar though. The Toys for Tots is on Saturday, December 5th. The boy scouts will put on the pancake breakfast. Bring a small unwrapped toy and enjoy some fellowship and flying! The annual Tomcats Banquet will once again be held at Fiorillo's in Santa Clara on Thursday, December 10. This year we have a special guest speaker scheduled! Marilyn Dash has graciously agreed to talk about her experiences as, not only a female pilot but as a female race pilot in Reno National Air Races. Marilyn is an accomplished pilot of her own Pitts Special biplane. I look forward to hearing her story. The menu and sign up form should be included in this newsletter and will also be included in your renewal package. You won't want to miss this one!

The governing board has met once again to map out our goals for next year. One point of order was to fill the position of board member at large that was vacated by Steve. Tim Jones accepted the nomination and the vote was unanimous. Tim works hard behind the scenes taking on many of the odd jobs needed to maintain the facility, not the least of which is keeping soda

from the fditor



The last issue of the year is here. Thanks to all my contributors for their articles and particularly photographs. Not surprisingly a few contribute a great deal and I hope that you all appreciate their effort. I don't mean just toward the newsletter either.

I have not heard from anyone about the member feature which I started a few issues ago. If you have any suggestions on who etc, please reach out.

It feels like summer was only a few weeks back and now we are enjoying the cold and hoping for rain. Well time to build, maintain, assemble etc. Don't forget the tradition of flying on January 1st. It started a few years back and is increasing in popularity among the more hardy members.

Until the next issue, happy landings.

Bahman



machine stocked. Tim also has the thankless job of maintaining the membership roster and issuing renewal notices, along with printing the membership cards.

I look forwarded to the coming season with great anticipation and some apprehension. There is a lot of planning that goes into providing a great facility and an inviting place for the whole family to enjoy. It saddens me to see the grass infield areas turn to dust but we are doing our part to help save water during the drought. A lot of time and effort was put in to cultivate a beautiful park like setting. Ideas are being entertained for installing some drought resistant, or even waterless landscaping. A member survey will be sent out soon. We welcome your comments and suggestions for improving YOUR flying field. Also, please let us know if you have any skills or services that you may be able to provide. We are still primarily a volunteer based organization and anything helps.

Don

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SCCMAS 2015 Event Calendar

April 4 Spring Swap Meet WWI Fly-In May 2 **May 16 South County Airport Day** Heli Jamboree Fly-In May 15-17 Field Work Party June 13 Cub Fly-In **June 27** Annual Airshow July 11-12 August 22 Pattern Day / September 5 Summer Swap Meet October 3 T-34 & Unlimited Race Coyote Classic Bike Ride October 10 December 6 Toys-For-Tots

Governing Board Members and other Volunteers of the S.C.C.M.A.S.

| President* | Don Coulter | 408-690-3830 | don@sccmas.org |
|----------------------------------|--------------------|----------------|--------------------------|
| Secretary* | Mike Leggett | 408-839-1757 | secretary@sccmas.org |
| Treasurer* | Jim Patrick | 408-356-0817 | treasurer@sccmas.org |
| At Large* | Michael Luvara | | mike@sccmas.org |
| At Large* | Steve Smith | | contests@sccmas.org |
| Newsletter Editor | Bahman Dara | | servochatter@sccmas.org |
| Newsletter Deputy Editor | Cyndi Cogoule | | servochatter@sccmas.org |
| Contest Coordinator | Steve Smith | | contests@sccmas.org |
| Field Safety Chairman | Tim Stahlke | 408-723-4878 | safety@sccmas.org |
| Flight Instruction, fixed wing** | Peter Vogel*** | 408-782-4477 | training@sccmas.org |
| Flight Instruction, heli | Dave Neves | 510-673-4467 | rcheliguy7@gmailcom |
| Webmaster | | | webmaster@sccmas.org |
| Raffle Coordinator | Paul Hasselbach | | pwhassel@gmail.com |
| Field Maintenance | Walter Colby | 408-710-4035 | walterdotcolby@yahoo.com |
| AMA Intro Pilot** | Reggie Dell Aquila | | |
| AMA Intro Pilot** | Mike Leggett | 408-839-1757 | secretary@sccmas.org |
| AMA Intro Pilot** | Peter Vogel | | |
| Field Weather (automated) | | 408-776-0101 | |
| SCCMAS Business Office | | 408-292-1212 | |
| SCCMAS WWW address | | www.sccmas.org | |
| * Governing board members | | | |

^{**} AMA Intro Pilots. These pilots can fly non AMA members once, certain restrictions apply.

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^{***} Email is preferred to voice mail.

Treasurer's Report



Jim Patrick

SCCMAS Profit & Loss November 2014 through June 2015

| Ordinary Income/Expense Income | |
|--------------------------------|---------------------------------------|
| Contest entries | 605.00 |
| Donations | 59.00 |
| Food sales | 4,910.00 |
| Membership dues | 499.17 |
| Airshow Raffle | 755.00 |
| Vending machine | 700.00 |
| | |
| Total Income | 7,528.17 |
| Expense | |
| Bay Alarm | 135.00 |
| Dues and Subscriptions | -167.83 |
| Equipment Rental | 81.57 |
| Food | 3,127.04 |
| Garbage service | 871.96 |
| Licenses and Permits | 840.31 |
| Postage and Delivery | 39.20 |
| Printing and Reproduction | 9.57 |
| Raffle supplies | 704.34 |
| Repairs and Maintenance | 119.88 |
| Sanitation service | 2,936.25 |
| Supplies | 1,990.56 |
| Taxes | |
| State | 398.00 |
| Telephone | |
| Internet | 179.96 |
| Telephone - Other | 283.67 |
| Total Telephone | 463.63 |
| | |
| Trophies | 92.83 |
| Utilities | |
| Gas and Electric | 1,071.85 |
| Total Expense | 12,714.16 |
| Met Ordinary Income | -5,185.99 |
| Other Income/Expense | · · · · · · · · · · · · · · · · · · · |
| Other Income | |
| Other Income | 248.51 |
| Other Expense | 240.51 |
| SCCMAS Banquet | 500.00 |
| Decimo Danquec | 300.00 |
| let Other Income | -251.49 |



For those of you who like Cubs, check out this link

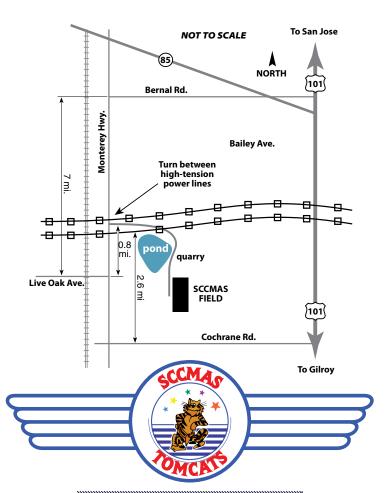
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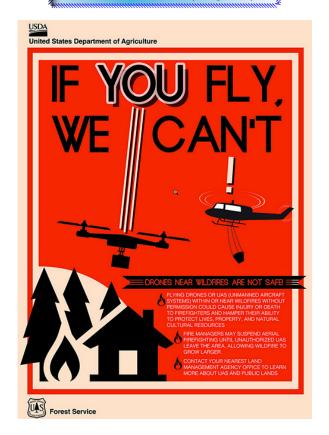
https://www.youtube.com/embed/pmptFkKSeYQ?feature=player_detailpage

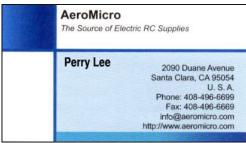
Net Income

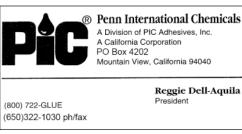
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SCCMAS (Tomcats) field is located in the county park and can be reached via Monterey highway









Please help support these companies and organizations as they help to support us





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Secretary's Report



Its been a long summer and the weather been bad for the lawns but great for flying. I missed the last club meeting at the field while I was in Santa Maria flying the Ryan and B17 as part of their full scale air show. We had nine AMA pilots filling the air from 9am to 1pm both Saturday and Sunday until the full scale pilots took to the sky. Denny and Barbra Baker, Rick and Merriam Maida and I were there from our club.

Tim Stahike was good enough

these notes of the August meeting at the field while I was down in Santa Maria and passed on this account:

8/1/15 SCCMAS Club Meeting Minutes Board Members Present: Don Coulter (President), Steve Smith (VP)

Acting secretary: Tim Stahlke (Acting for Mike Leggett)

Don Coulter started the meeting at approximately 6:20 pm after everyone was full of delicious Club hosted BBQ.

Don announced and welcomed new members: Jeb, Leif and James Bridges.

Airshow recap- Great event with the usual and some new hiccups. Attendance was down a bit from last year just under 2000 for both days. Fire Capt talked to Don to thank the club for grounding our airshow operations during the full scale CDF flight OPS. Peter wondered if Don can get this in writing as it would be good for the club. Don will investigate. This was great news given the bad press recently by drone/ quad copter pilots interfering with fire suppression OPS.

Because of the large effort the putting on the airshow, Don and Steve will be forming a dedicated Airshow core team earlier to start the planning, staffing, permits, logistix etc., well before the airshow weekend rolls around. Steve reiterated this will help with the planning and any last minute fire drills. Don and Steve thanked everyone who helped on the Airshow and workday prior to it. A large team effort that is well received by the public each year.

Peter Vogel mentioned the Nat'l Model Aviation

day sponsored by the AMA and how the club can benefit from participating in this event- possibly even coincide with our airshow or event at our field.

Don announced that Servo Chatter newsletter will now be electronic only- no more paper mailings. If any club members have concerns please let Don know. None were raised during the announcement at the meeting.

Don's Reminder- Lost and Found box is welded on the side of the Coke machine. All members have the combo on their membership cards. If you left something at the field check this cage first. Don- always good to put your name and contact info on all your stuff. AMA requires this on our airplanes and field equipment should have it as well. Reminder of club rules- no Smoking or Alcohol allowed in the park. We

don't want anything like this to jeopardize losing our field.

Year-end banquet planning has begun. Pencil in Dec 10th (Thurs) for

this event more details to follow soon. Let Don know if you can help with planning.

Don asked if other members are interested in Club shirts. He did a limited run for airshow personal and would do an additional order with some changes if enough club members are interested? Don will determine if there is enough interest, some members in attendance would like an order placed.

Steve presented event updates- April Swap meet was very well attended. Lots of buying and selling. The usual way early birds. May Wings of History was good lots of exposure for the club as this years event was well attended more so then in years past. We had static and flight demonstrations including a lot of the mini electrics and quad copters, etc. Dave's not here, but the two day May Heli-jamboree was big! 70 registered pilots and a record number of factory sponsored pilots who flew some outstanding demo flights. In June we has a

very successful CUB fly-in with over 31 Cubs and 47 registered pilots. Bahman did a great job as CD. Next year we will bring the event back and open it up further to Cubs and cousins. It was very successful. Steve is fine if we want our warbird event which Tim S. has been contest director for Lynsel. Just need to let him know and decide on a date. Under coming attractions: Aug 22nd Pattern Contest hosted by Luke Peng and Peter Vogel. Come on out and try your hand at this aspect of the hobby. You don't need to have a pattern aircraft. Just need something to fly and basic fly the maneuvers in the box. Medium flight skills to try the entry level beginner class. Sept 4th will be the Fall flea market. Come early to secure your spot. Oct 3rds we are hosting the anchor leg of triangle Race series, EF-1, T-34 Warbirds, etc. Let Steve know if you can be a pylon judge- he still needs a couple. Dec will be Toys for Tots drive-bring an unwrapped toy and join in a fun fly and BBQ that day. Ae close out the event year with our banquet as mentioned earlier. Please let Steve know if have an idea or can host an event- new ideas always

> 4th of July parade float was a huge success- garnering second place in the contest. Thanks to all the volunteers; Rodger, Mike, Rick and the Coulters. They handed out about 4000 airshow flyers.

welcome.

Dumb Thumb vote was "won" but none other than our newest board member at large (former President) Mike Luvara who caught his F-16 on fire (on the ground) and flew Snoopy's dog-house until it was out of fuel! Non Winners- Nate was nominated by his mom for crashing a pane a week when they are being tracked on the radar gun. It was pointed out this is not bad for their storage situation which is bursting at the seams! Darryl Rolla likes to hit his retract switch while he is taxiing his beauty warbirds.

Show and Tell-Tim Jones shared his "double boring" Free (ya right) yellow cub(thinned out Steve Smiths garage). It was going to have an OS46AX but ended up as an electric. He identified an interesting potential battery safety issue, with the popular non-deans connectors allowing you to plug two abttereis together which you quickly discover is less then optimal! Don took an action to address battery safety in general in our next Servo Chatter and a physical batter graveyard

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station at the field, stay tuned. Matt Smith shared his Pink panther foam bomber which flew at this year's airshow. Both fly really well and were featured on the flite Test video, available on Fliker, shot out at Baylands. New member Leif shared his small P-51 mustang which his dad flew maiden on out at RSA.

Raffle Winners

Cyndi our illustrious raffle booth hostess got the servos and exacto kit.

Kyle- Dewalt Drill Set

Tim- Dremel and Exacto knife

Ken- picker tool Kunal- Drill Bits

Bervins- Glue, Leif- Soldering Iron

Luke- Hobby Knife Alan- CA Kicker, Ret- Wax

I was recently reminded of how important it is to stay focused on the flight line. We must be disciplined to keep our eyes on our plane regardless of what's going on around us. For some of us, spotters are a good idea and don't be shy about reminding them that they aren't there just to enjoy your flight. We don't have an official requirement yet but it's a good idea to keep a fire extinguisher out on the flight line just in case. A fire that we can get to in 30 seconds might be manageable but if it takes a couple of minutes to return from getting one out of the shack, things will be different.

I submitted an article on my Ryan ST to Debra Cleghorn, editor of Electric Flight Magazine and it got published in its Tailview section. Kelly Coulter provided the pictures that she took at Castle. We will actually get paid "enough for a couple of bottle of CA" in Debra's words, for the article which is re-printed here.

Keep 'em Flying,

Mike





Crows fanding

The Bay Area modeling community had an awesome fly-in event on September 13 at The Crows Landing NASA Airstrip located in the Central Valley of Northern California, near Patterson and Merced. The airstrip has been closed for years and it is currently under the management of the Stanislaus County Administration.

SCCMAS Club member Rick Maida obtained a one day permit from the County for our exclusive use of the facility for IMAA scale models. He hopes to repeat this event at least once or twice per year. Over 50 pilots attended with unbelievable models. To name a few, we had a 1/3 scale BAE Hawk, a 1/5 scale Composite ARF Hawk, large scale F-86, Phantom F-4, Tamjets F-18, Aerosport Shockwave Jet, Giant Scale Corsair with a beautiful sounding Moki engine, Two Yellow Aircraft Spitfires, a Giant Scale Super Decathlon, Smaller scale yellow cub, Super Viper 105mm EDF, and quite a few other aircraft.

Quite a few SCCMAS members attended this event. Rick Maida, Dantley Davis, Cyndi Cougoule, Nate Cougoule, Sia, Keyon, and Ryan Vossough, John Costas, Sharam Shirazi, Jason, Julie, and Max Willig, were among the club member attendees.

Folks set up their tents and flying got started fairly early and continued until 5 pm. There was plenty of time for everyone to fly and enjoy themselves. This was a great event and we all wish to express our thanks to Rick Maida and his team for arranging and setting it up. Way to go Rick! Let's go out there again soon.

Please check Walter Colby's YouTube sites for lots of great videos from this event.

Shahram



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s a kid, I loved watching a Tailspin Tommy cartoon movie, so I checked it out again a few years ago thinking that I would build a model of his plane. There just wasn't enough in the cartoon to go on, so I did an Internet search for "Tailspin Tommy," and I found my next project in the movie Danger Flight from the 1930s. There are two Ryan STs in the movie:

NC16039 (which still exists) and NC14912, which I decided to bring back

to life. More searching gave me a three-view drawing and other details about the Ryan. I tend to keep building them bigger, but at 1/3 scale, I would need a truckload of balsa, which would cost me an arm and a leg. I found the solution with \$50 worth of fan-fold foam and set off on an entirely new way to build a giant-scale model. The 1/4-inch-thick foam can be machined cleanly, and it bonds well with Gorilla Glue or epoxy.

The full-scale Ryan fuselage was built on a rail that was later removed, so I copied that approach; its rotation made covering and later fiberglassing easy. Much of the foam was routed out to a template that I made for the "can" forward section, and I hotwired the aft "cone" in place on the

rail. The Ryan's structure centers on the bulkhead in line with the wing spar, so I gave it six layers of fiberglass and pine hardpoints where the struts would attach. The firewall also got reinforced where the engine mount made out of 1/2-inch-diameter fiberglass tubing would later be attached. The foam takes a nice curve when rolled, just like working sheet metal to fit around the bulkheads. The slow-foaming Gorilla Glue made the blind bonding of the skin to the bulkheads possible. Fiberglass

stringers on the inside and 2.1-ounce glass on the outside resulted in a strong fuselage.

I built the landing gear with scale suspension from fiberglass tubing and machined the 6x2-inch tires out of firm closed-cell foam. The struts fixed to the fuselage are mixtures of fiberglass and carbon, while the removable wing struts are made out of aluminum and are pinned in place for easy removal. Having the fuselage, tail section, and landing gear all one

> piece makes it easy to move around and leaves only the wings to be attached during assembly at the field.

The tail section is primarily made out of foam with a little fiberglass reinforcement and covered with Solartex. The ribs are visible just as on the fullscale plane. The elevator and rudder are pull-pull driven, with fiberglass drive tubes completing the hinges through holes in plywood hardpoints. The flaps are driven from a single servo located in the fuselage driving a fiberglass tube, which, during assembly at the field, slips over a smaller tube that doubles as the flap hinge. The aileron drives are completely concealed in the wings.

The powerplant is a 3000-watt Turnigy motor turning a 24x12 prop and using a 100-amp Castle controller and

eight cells in series, two in parallel for a total of 10000mAh at 33 volts. My 12-minute flights leave plenty of battery left to go around again if necessary, flying at a variety of speeds.

It originally weighed 23 pounds, and the added weight of a few teddy bears and a 100-watt sound system doesn't bother it a bit. It loops and rolls very scalelike, and the flying wires scream on the low passes just like the full-scale Ryan does. 🛨



I spent more than two years building the Ryan and have already enjoyed hundreds of flights.

2 ModelAirplaneNews.com

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A day at the field and around the bay

Here is a collection of photos from the field.and other events (Ed.)

















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Bafety



and bring one out from the shack.

Hey SCCMAS Flyers-In light of a couple interesting events at our field recently including another small fire, I've been asked to communicate some safety reminders and a couple of corrective actions we've taken based on these events.

We will place a fire extinguisher on the flight line at all times during heavy field operations. If your there on a Sat or Sun and you notice there is no fire extinguisher on the flight line, find one of the board members or volunteers with a key

Let's face it we all enjoy the time we spend at our field. We have a great group of flyers relishing the social aspect, 'hangar flying', just hanging out together. Many of us show up some weekends with none of our own airplanes, since any given day there are plenty of great looking aircraft to simply watch fly. You know; Takeoffs, Spectacular high speed low altitude passes, touch-ngoes, and landing. Watching other aircraft and pilots is part of the fun and that's no problem so far, right? Well, have any of you been tempted to take a quick look at another beautiful aircraft in the air...during your own flight? That's right, while one of your OWN airplanes in the air? Well I know I always take a peek but therein lies a potential problem. It has happened, a pilot is in mid-flight with a spotter (we hope), and they get distracted because there is a Beautiful Turbine Engine Jet (Sharam's) or Classic Giant Scale Warbird (Darryl or Sia) flying at the same time they are flying. So what to do. Well the simple answer and sound advice is:

WATCH YOUR OWN AIRCRAFT AT ALL TIMES WHEN FLYING

If you find yourself so tempted to watch someone else's aircraft, best to end your flight (with a safe landing), hand your controller to your very capable spotter or schedule your flight when those aircraft you really want to watch are not in the air. If someone on the flight line has an event, shouted out a "dead-stick" or "mayday", paying attention to your aircraft can be even more difficult, but is even more essential. Having a good spotter, who also can fly your ship if needed can surely help, but if you're at the sticks you need to be tracking your aircraft and in control at all times. This is true from power up to power down on the taxi-way.

I continue to be encouraged by our member pilots, both young and old for making sure your planes are operated in a safe manner. For a club of our size and heavy flight cycles on the weekends, the low number of safety incidents speaks for itself. It's great to be part of our club and continue to enjoy a safe and fun filled experience.

Please let me know if you have any questions or concerns. See you at the field. Safe flying

Tim

CASTLE 2016 IS A GO!

Hi everyone. Ok the dates are set and the sanctions are through. Please mark your calendars. May 26-29 2016. Gate opens at 7am an Thursday May 26.

REGISTRATION STARTS ON FEB 10TH.

LET ME SAY THAT AGAIN, REGISTRATION BEGINS ON FEB 10TH 2016. NO CALLING SCOTT MALTA UNTIL THEN PLEASE. BECAUSE HE WILL NOT RETURN YOUR CALLS UNTIL AFTER THAT TIME.

Only 148 days left. Remember Saturday is dress like a SUPER HERO day at the pilots meeting 9am. The kids will love it.

Check out the website for other info. http://www.centralcamodelflyers.com

See you all later.

Rick







SCCMAS Proudly Presents... The Annual... Toys for Tots-Whitacre Fly-In

Sunday December 6th 9am - 11am



This will be a great finale for the year. Please come help us honor Bob Whitacre's wonderful life, and help the children in our community.

Entry Fee is any NEW unwrapped Toy.

This event open to all members and guests with a current AMA status. Bring a <u>NEW</u> unwrapped toy and enjoy a <u>FREE</u> Pancake breakfast and a day of flying with fellow modelers.

For more info visit www.sccmas.org

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Button Willow Pictorial report by Shahram













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SCCMAS 2015 Annual Banquet

Join us for the SCCMAS "Tomcats" annual banquet and meeting! We cordially invite you and your family to attend this banquet and end of the year celebration. There will be a helpers raffle, food, fun and a special guest speaker, Marilyn Dash. Pilot and Reno Racer.

Date & Time

Thursday, December 10th, 6pm-10pm

No host open bar at 6:00pm – Dinner served at 7:00pm

Location

Fiorillo's Restaurant Banquet Room

638 El Camino Real, Santa Clara, CA 95050

Parking is available in front or back of restaurant

Meal

A buffet will be served that includes Mixed Green Salad, Antipasto Salad, Tortellini Pasta Salad, Fresh Fruit Display, Fiorillo's Own Baked Ziti, Chicken Marsala, Fresh Sauteed Vegetables and Roasted Red Rosemary Potatoes. Dessert will be served. A no host bar will be available throughout the event. Menu subject to change without notice.

Pre-registration required. Refundable until November 25th.

Price: \$32.50 per person(Adult), \$20(under age 12) BEFORE Nov 19th

Price: \$40.00 per person AFTER Nov 19th

Name(s):

Number Attending:

Amount Paid:

Mail this form with payment(checks payable to SCCMAS) to:

SCCMAS, 16345 W. La Chiquita Ave, Los Gatos, CA 95032-4610

QUESTIONS - 408-292-1212, don@sccmas.org

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Servo Chatter c/o SCCMAS 16345 W. La Chiquita Ave. Los Gatos, CA 95032-4610

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