

THE BEACON



AUGUST 2014

Don Rice discussing his detailing of the control surfaces for his Corsair.



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August 2014

The next MRCF Meeting will be on **TUESDAY**, 12 August 2014

Location: American Legion Hall 7815 Armour St.

Corner of Armour and Convoy St.

General Meeting at 7:00 PM

American Legion Hall at 7815 Armour Street.

**Hwy 163 TO BALBOA AVENUE, WEST TO CONVOY STREET, LEFT ON CONVOY TO
ARMOUR ST., TURN LEFT ONTO ARMOUR AND RIGHT INTO AMERICAN LEGION.**

ADDITIONAL PARKING IS ACROSS THE STREET AT CARQUEST.

CLUB OFFICERS

Interim President:

Frank Gagliardi (858) 271-4430

Secretary:

Mark Lukens (858) 945-8525

Field Marshal:

Tom Pham (858) 761-3959

Safety Coordinator:

Brian Werner (760) 473-7004

Vice President:

Curtis Kitteringham (760) 746-5913

Treasurer:

George Sager (858) 748-0868

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CLUB FLIGHT INSTRUCTORS

Any club member who wishes to have some assistance should call one of our designated instructors. There is no duty instructor at the field, so you must prearrange a time with someone on this list.

Name	Number
Richard Barndt	(858) 213-5740
Frank Gagliardi	(858) 271-4430
Curtis Kitteringham	(760) 746-5913
Mark Lukens	(858) 945-8525
Jerry Neuberger	(619) 258-4477
Tom Mulder	(619) 804-8596
Tom Pham	(858) 761-3959
Ron Stark	(858) 530-0586
Talmadge Sanders	(858) 382-2003

The Miramar Airshow is approaching quickly. There's also a lot of activity with the club for membership participation. Please give some time to support club activities with the community!

Rotors Over Miramar Fly In

By Kevin Spousta

I just submitted the CD's report for this past weekend's Helicopter Fun Fly and wanted to take a few minutes to let you all know how well it went. We had 21 registered pilots, including some new faces and had 6 different brands of helicopters represented; Align, Gaui, Compass, Alees, Blade and Mikado. No incidents at all, but we did have a few crashes. Nothing major and a few pilots had their helicopters back up in the air before the end of the event.

Those people who left before 5pm on Saturday missed the best part of the weekend. A few die-hards stuck it out until dark with some of the sickest flying of the entire event happening as the sun was going down. Regular attendee "Sewerfly" (Corey Nellis) had everybody laughing with his bullhorn antics urging the pilots to fly lower and once the sun went down, he fired up his night ships and entertained us with some great night flying.

Sunday, "adopted son" Brent Hunter somehow managed to auto his Goblin THROUGH a bush and end up upright in the dirt on the other side. Tail Rotor servo and a set of skids and it was back up in the air.

All the participants had a great time and it was good to see the "usual suspects" again.

Some pictures and video are available on Tom Pham's Facebook page (<https://www.facebook.com/thieutp?fref=ts>) and in the event thread on Helifreak.com: <http://www.helifreak.com/showthread.php?t=604923> (Many participant comments in that thread as well)

Lastly, I'd like to say thank you to all the members who helped out this weekend. Member participation is key for any club we had a lot of it. It was much appreciated! Any civilians who helped out and need sign off on their participation form, come find me at the next club meeting or event and I'll be happy to provide my signature.

Once again, thanks for the help!

-Kevin

Tuesday's How To Hobby Session

As a precursor to Tuesday's Club meeting, we are starting a how to presentation that will be 30 minutes before the meeting starts. Anyone that would like to propose a presentation can do so. Please coordinate with Frank Gagliardi.

Tonight's presentation was done by Ron Peterka and Jerry Neuberger. The presentation was how to do a plaster mold to duplicate model parts. Tonight's example was for a turbocharger to be put on B-25. You will need the following items:

- The part to duplicate
- Art Plaster
- Water



- A container large enough to hold the plaster and part
- Bucket to mix plaster
- Stir stick to mix with
- Pam cooking spray

Ron started with preparing the container to hold the plaster and the part. You may want to line the container with foil so that the mold can be removed and the container can be used again. Empty beer bottles were used as filler to maximize the plaster's depth in the container.



After prepping the container, Ron and Jerry mixed and poured the plaster into the mixing bucket and Ron mixed the water and plaster together. Read the instructions on the plaster manufacturer to know what consistency and ratio to mix water to plaster.



Once the mix is at the right consistency, Ron poured the mix into the prepared foil lined container. As the plaster was being poured, Jerry sprayed the part to be put into the plaster with the Pam cooking spray. The spray acts as a bond breaker so that the part may be removed from the plaster once it has set up and cured.



After the plaster was poured in, Jerry and Ron set the part into the plaster. Since the part was a fiberglass casting, it was weighed down to keep it from floating up and pushed up out of the plaster. Provide enough ballast to weigh down the part but not sink it below the plaster.

The plaster started to set up in 5-10 minutes. Once the plaster has cured, it is ready to cast the parts required to remain symmetrical.

Thanks to Ron and Jerry for their time and effort for the presentation.

THE SCALE VIEW FROM RAMONA

Ron Peterka

One of the easiest ways to dress up a scale model, for sport or competition, is to add simulated panel lines. The degree of accuracy and the amount of panels you show will depend on your patience, and on the reference materials you have available. It also depends upon the type of surface you are working on. Monokote, fabric, fiberglass, and planked surfaces each have somewhat different requirements. Let's look at Monokote first because so many ARF models are covered in some type of this plastic film material.

While some ARFs already have panel lines, if they don't you can get ideas from virtually any 3-view drawing of a reasonably modern aircraft. If no 3-view is handy, make up your own pattern. Trust me, in almost every case, only you will know.

The traditional methods commonly used are inked lines, or thin strips of covering ironed in place. Inked lines are easiest, but it is difficult to find a marking pen that will really stay, without some kind of clear coating, which will adhere to the plastic film.

You can make your special lines by cutting strips of Monokote. The thin (1/16" or 1/32") strips are often cut from black film, but for a much more subtle and realistic effect, choose a Monokote color just one shade lighter than the darker covering or darker than the lighter color of the panels you are marking. I am assuming you have pack-ratted the scraps from every model you have built since 1975 like I do.

I tape the covering down on a piece of plate glass (I have a scrap of window glass with taped edges for safety) and using a straight edge and a nice new, sharp, #11 blade, cut several strips of each color you plan to use. You can usually get away with eyeballing the width as long as the width is close. Wider is easier, narrow is harder to apply. A Top Flite "Smartstripe" tool will make more standard widths and is a snap to use if you have one.

Mark your model surface with a small felt tip marker where you want the lines. The marker ink will be removed with rubbing alcohol after the lines are ironed down. Heat your monokote iron, or preferably a trim iron, to about 175 to 200 degrees. Higher temps will make it difficult because of the shrinking of the film at the higher temperatures.

Start at one end point and iron one end down about 1/4" to 1/2". Then, gently, pull the strip down on the inked line and iron it in place. When you get to the end of a line just place the tip of your #11 knife blade on the strip and pull up. Do it again and again until you are finished.

If you are showing off with multi-colored lines, don't forget to change colors at each change in covering material as you cross it. Remember, the panel lines you see on full-scale aircraft are really just shadows at a change in the surface texture. The shadows will be seen as darker lines on light colors, and lighter lines on darker colors.

Curved lines can be applied by stretching the strips gently as you iron them down. This will take some practice!!

If the iron is too hot the strips shrink and look strange. Use a minimum heat.

Also, remember you are under no regulation requiring you to tell anyone how easy it was to do!

Panel lines can also be hand painted on using miles and miles of masking tape. Needless to say, this method is only for the seriously obsessed modeler.

They can also be laid on during painting, but this article is about plastic film covering decoration. I'll talk about an easy way to show panel lines while painting an aircraft with overlapping or butt-jointed seams some other time. It'll be an idea stolen from Dave Platt, a master model builder.

Update on the Field Maintenance

The field maintenance to fix the tables in helicopter area has been completed, they all re-enforced and painted thanks to Stephen Marinshaw. He did all the necessary repairs and Ed Hess came out the following day to help me paint them and for cleaning up the weeds along the runway. We can do that in hour early on any weekend.

Regards

Tom Pham

The Prez' Sez'

This month I'd like to lead off with a heartfelt THANK YOU to all the members who helped make Rotors over Miramar a success. From the CD Kevin Spousta to Curtis and the lunch crew to Ron S. who handled all the sign-ups to Ed Hess at Traffic Control to all the unsung hero's doing security at the gate.....and anyone else that I missed.....Thanks.

I am fortunate to have members on the Board of Directors who REALLY have the best interest of the club at heart. I keep "piling" on more work for them and they keep responding! I have always felt that the role of a president is to Lead, Advise and then Get Out of the Way!.....Let your staff do their job.

Please take time out of your busy day to look at the proposed SOP (Standard Operating Procedures) And if there is something you don't understand or agree with.....Speak Up!..... With security being a very "hot" topic, I will be proposing to the BOD a new method of gate control for events. Hopefully it will make life a bit easier and improve our security.

Lastly, participate in any way you can. Attend club meetings and functions, give a little of your time and watch what happens in return. Next month will feature Don Rice and his surface detailing magic. The following month will feature Chris Wolfe and his resin casting ideas or airbrushing. These seminars start at 6:30.....The're a great addition to the overall enjoyment. There is much more that is new when you attend.....But you gotta' be there to see it.....See you there!

Semper Fi

Frank

All hands on deck!...

Words from the Vice President

As I said in the last month's newsletter, it has been one busy month.

The only weekend day I have had to remember what is in my garage is the day I am writing this article. Which for some of you know that is the Sunday after we had the kids from the San Diego Aerospace Museum. I really appreciated the members that stepped up to help, with the laptops/PC's, at the flight line

and just being a great host for the event, I Thank You. We the club did very well this year as usual Discount Hobbies gave us the rubber band planes and lower cost for 15- \$10.00 coupons for each kid. San Diego Jet Engine Museum donated 12 plane prints in glass frames we bought 3 more to cover the 15 kids. The pictures were very nice and almost did not make it to the event (ha ha!). Two club members donated fly off prizes for 1st-2nd-3rd, lunch was served for all with 3ft subs from Subway Sandwiches. The kids this year were all first timers; and they all did very well at the flight line with a few flying with Sandy using an electric model. I believe as a club we did a stand up job promoting the hobby, our club and the San Diego Aerospace Museum.

We have one more open Cockpit Day July 26th, with two upcoming events for August, Keep an eye on the web for this information. Speaking of the web, how many have seen or know we have a new site up and running, check it out.

Do not forget at the club meetings we are doing a plane of the month with a plaque, also bring all those can't live without items to the meeting for the fun raffle. Last month we did not have a model of the month so let's bring those models to the meeting, but we did have a big raffle. At the Christmas dinner a vote will be taking for model of the year with an award giving.

As always I Thank all the members that are stepping up to help,

Curtis Kitteringham

Call for articles!

If you have any article that you would like to share with the club, please send it to (insert name and email of person(s) to review here). Here are some examples of things we are looking for.

- Building tips / techniques
- Custom build equipment / models
- Custom / special application equipment for servicing / testing components
- New gadgets / electronics
- Articles on club events (Synopsis, Summaries of a club event, etc.)
- Any topics that promote the hobby or club.

8 July 2014

**Miramar Radio Control Flyers
Minutes of the Meeting**

**Held at the
American Legion**

**MAKE SURE PMO AND THE TOWER ARE CALLED FROM THE CLUBS PHONE TO CLOSE
AND OPEN THE FIELD AND THAT THE BOOK IS FILLED OUT
DO NOT FLY UNLESS THE BASE IS REACHED**

Meeting opened at 7PM with the pledge of allegiance.

34 members in attendance.

Guests: Bill Wallace, Ron Sharp

Curtis Kitteringham: Mark was away on business, the Vice President presented the June minutes which were reviewed and approved.

Treasurer – George Sager: Balances and expenditures reviewed. Motion made to approve, seconded and approved

Safety – Brian Werner: The days are getting hot, so watch for red flag days. Battery temperatures will rise quicker with the hotter days. Stay hydrated in the heat by bringing water with you to the field. Also use sunscreen to reduce sunburn to your exposed skin areas. The AED alarm is requiring a battery change. The pads have also expired and need to be replaced. Motion was made to allot \$400 maximum to replace the battery and pads. Motion seconded and passed.

Field Marshall – Tom Pham: The repair of the 4 tables over by the helo side cover is going to be held. July 27th is the targeted day so we don't conflict with the open cockpit on the Saturday prior. An email blast will be sent out to remind the membership.

Vice President – Curtis Kitteringham:

The Heli Fun Fly event will be held the weekend of the 12th and 13th of July. Membership help will be needed to provide Gate Keepers and people to help out at the flying field. A sign up list was created at the meeting.

July 19th: Wings of Wonder San Diego Aerospace Museum day. Need laptops and airplanes. Instructors will coordinate with Curtis for the day to help the kids with flying the models. A motion was made to provide \$125 for Gift Certificates for the event. The motion was seconded and approved by the membership.

The docents at the Flying Leatherneck Museum have really appreciated the participation by the club. Having the models and full scale aircraft really give the kids something to look at both sizes with. The adopted T-34 that the club cleans also got a new landing gear door to the main gear. The Pattern Contest will be on August 9th and 10th. There is a sign up sheet for members to help with the event. Members are also encouraged to participate if interested.

The IMAC Contest will be on the 23rd. There will be a sign up sheet at the next meeting for members to sign up and help with the event.

The open cockpit will be moved to September 6th. The time will be from 9AM to 1PM.

Old Business:

The board has been reviewing the Base Security issues with PMO and had a very positive discussion about our presence on the base.

The plaque was presented to Ron Stark for presenting his model of the month at the meeting. It was featured on the cover of the newsletter.

The MRCD Car Show had 310 cars on display at the event. Thanks to Curtis and Sandy for showing up and promoting the club.

There will be a field day the Leatherneck Museum on July 14th at 1800 hrs to clean up the T-34. Please contact Sandy if you have any questions. An email blast will be sent to the membership as a reminder.

New Business:

Brian Werner: There were clarifications made on the Civilian Contribution Worksheet for the club. There are two on the website. The first one is to provide documentation on working with the club as a prospective member. This will allow you to be put on the waitlist when a slot opens up on the civilian side.

The other Civilian Worksheet is to provide documentation for renewal to existing civilian members. This requirement is to document supporting the club in our many events that we host throughout the year. There are quite a few events listed in the upcoming weeks for members to accumulate their hours.

Frank Gagliardi went over the proposed SOP security measures with the membership present. Below are the measures for the club to review in the newsletter and vote upon at the following meeting in August.

MCAS Miramar Site Security Standard Operating Procedures (SOP)

Flying site security is everyone's responsibility!

If you see a violation of the security SOPs it is YOUR responsibility to identify the security breach and ensure that it is corrected immediately!

Gate entry

- Only authorized MRCF members may open the gate providing access to the MCAS Miramar flying site.
- PMO regularly checks status of our gate. MRCF members must ensure lock is locked after entry and combination is rolled to protect combination.

Security

- You must contact PMO if you are the first person into the flying site, even if you are not going to fly! PMO contact information must be logged in the log book.
- You must ensure that the PMO is contacted if you are the last person leaving the flying site, regardless if anyone was flying. PMO information must be logged in the log book
- Any time members are at the flying field the pin box must be open and the phone hooked up to the pin box PA system.
- If the phone rings, someone must answer the phone as quickly as possible regardless of what they are doing.
- If you miss the call, you must immediately check to see if the ODO (tower) or PMO (base police) were the callers and, if so, call them back immediately.
- If any situation arises at the flying field that results in the injury of any person or damage to MCAS Miramar property, call the PMO immediately and follow the PMO's instructions.

Emergencies

- If any medical or fire emergency arises, someone must immediately call the PMO!
- All members must know where the AED (automated emergency defibrillator) is located.
- If any member sees a fire, regardless of the source, they must immediately call the PMO and then order the evacuation of all members.

Locks

- Never leave any MRCF lock open (unlocked).
- After opening any MRCF lock, the member should immediately relock it and spin the dials, even if the structure is left open (e.g., pin box, charge station).

- Never share the any MRCF lock combination with ANYONE! If they don't know the combination then they should obtain it from an authorized agent of the MRCF club who can verify their membership status.

Member Identification

- All members must prominently display a MRCF identification badge that identifies them as an authorized club member.
- A MRCF identification badge is the only credentials that provide proof that any person is an authorized member of the Miramar RC Flyers.
- If you do not have your member badge then you must wear a visitor badge and find a member sponsor for that visit.

Guests & Visitors

- Members are responsible at all times for the guests & visitors that they allow to enter onto Miramar MCAS property.
- You must personally meet your guests & visitors at the gate and escort them to and from the flying field.
- When you leave, your guests & visitors must leave with you unless you find another MRCF member to sponsor them.
- You are responsible to provide your guests & visitors with a visitor badge that identifies them as your guest.
- If your guests & visitors are going to operate a radio control aircraft then you need to verify that they have a valid AMA card.
- You are responsible to register your flying guests & visitor in the guest flyer log book.

Ron Stark mentioned that the Tower has been shutting down the field on Tuesday and Wednesday morning for maintenance. Please note that if this occurs, please ask the Tower how long to anticipate the shutdown. This can help to let you know to follow up with them as the Tower may forget to call the field back and allow model flying to resume.

The field will be closed for the Miramar Air Show on October 3rd through the 5th. Please note that the field may be closed additional days prior to the airshow to allow the performers the airspace to practice their routines prior to the airshow.

Rotors over Miramar. The event will open at 7:45am with the Pilots meeting at 8:45am. Lunch will be \$5 for spectators and included with the pilots fee of \$15. Volunteers to help out may sign up on the sheet.

The Pattern contest will need help with scoring on the 9th and 10th of August. The point of contact for this is Bill Wallace. Bill also encouraged the membership to participate in the event.

Member \$20 Gift Certificate award winners: Eric Sacco, Kevin Spousta, Ron Peterka, George Sager.



The club also did the raffle for the members that attended. A kit, a micro-heli and a few other items were available for the members.

Show and Tell:

Don Rice brought in the elevator and rudder of his latest project, a Giant Scale Corsair. These control surfaces have been modeled to have the actual moving trim tabs and control tabs assist with movement just like the full scale version. The surfaces were finished with solartex and detailed to replicate the full scale version. He discussed the finishing method for the skin of the control surfaces and the finished weight was very minimal (an additional 4g). See picture on cover of newsletter.

Motion to adjourn made, seconded and passed at 8:45pm



Upcoming 2014 MRCF Events:

Date	Activity
Aug 9-10	AMA Pattern Contest
Aug 12	MRCF Club Meeting
Aug 23	Flying Leatherneck Museum Open Cockpit Day
Aug ???	IMAC Pattern Contest
Sep 01	3rd Annual MRCF Labor Day potluck brunch
Sep 06	Flying Leatherneck Museum Open Cockpit Day
Sep 8	MRCF Club Meeting
Sep 20	Pylon Races
Oct 3-5	Miramar Air Show
Oct 14	MRCF Club Meeting
Nov 08	Veteran's Day – Lunch & fly in
Nov 11	MRCF Club Meeting
Dec 06	Toys for Tots Fun Fly
Dec 09	MRCF Banquet