

ORANGE COAST RADIO CONTROL CLUB

HANGAR TALK



Volume 26, Issue 1 March 2016

AMA Gold Leader Club 1992-2014

Charter #1330

AMA Award of Excellence

President's Message

Greg Stone (gstone4@outlook.com) 949-413-0920

We recently completed another great year in the long history of OCRCC. Some of you may recall the years at Mile Square Park. Some flew there and some even earned their wings there. We have seen many changes over the years and have newer technology as we have seen the videos and the growth in multi-rotors and FPV flying. I had the opportunity to attend the Arizona Electric Festival and see new planes and jets coming from Motion RC.

We have had very slight updates to your board as I want to welcome Jack Gershfeld to the board. He has been instrumental in maintaining our training program which continues to help new pilots learn to fly and join the club as our membership continues to grow. If you haven't had a chance to check out our new website, please do. Jack has redone the website with a new look and ease of use for us and new visitors. More updates to come over time as he continues to enhance the look and expand the features we have.

We continue to maintain our AMA Gold Leader Club status each and every year since the program began in 1993. We should be very proud of this distinction as we are one of only handful of clubs across the entirety of AMA that have maintained this Gold Leader status for 23 consecutive years. We continually participant in

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Next Club Meeting Monday March 6th 2017

NORMAN P. MURRAY
COMMUNITY & SENIOR
CENTER
24932 VETERANSWAY
MISSION VIEJO, CA. 92692
7:00 P.M.

Guest Speaker:

Bill Mackey
USMC retired
MCAS El Toro History

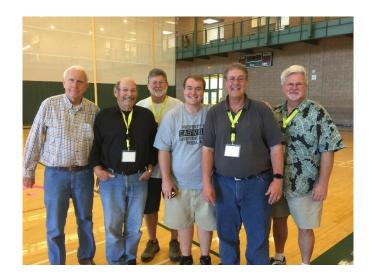
Fire Extinguishers – everyone who is flying must have a fire extinguisher visible and accessible. This is a critical safety item and is mandatory.

2017 Badges – these must we visible on your person whenever you are at the field.

There are also the "Show & Tell", "Crash Can" for the most notable remains from an unplanned landing! Raffles Tickets! Win Great Prizes!! activities and events that support maintaining this each year from flight training at the field to community events. In line with this we recently ran the 2 flying events at UCI for the regional competition put on by the Orange County Department of Education under the National Science Olympiad. We had middle schools compete in the rubber powered glider and high schools compete in the rubber powered helicopter. Many thanks to our volunteers that helped run these events.

While we are always looking for members to step up on the board and to help with activities and events this year we only had 1 additional member ask to join the board. With that filling the board positions we did not require a membership vote thus the reason you did not see any nominations nor requests to vote for your board. At the December board meeting the board nominated and voted on the officers for 2017. Any member is welcome to attend and as always feel free to reach out with any questions you may have.

Let's all continue to enjoy and share this great hobby we have.



OCRCC at the Science Olympiad

Club's Rules and Regulations Reminders

In order to make sure we are protecting our site and field everyone must enforce that everyone flying is wearing their badge. This is also required for guests and trainees.

There are guest and student badges in the container and these must be checked out each day someone is flying. There are **NO EXCEPTIONS** to this as we have had situations where guests or students are not aware of the field rules and in the case of guests may not have AMA membership.

Please note that students are not permitted to fly without an instructor with them for all flights and guests must have current AMA and the card must be placed on the clipboard when they are issued a guest badge for the day.

Wings Program:

All new members are required to pass the Wings Certification prior to issuance of their permanent badge.

With safety as our number 1 responsibility, we must all work to make sure that everyone flying at our field can maintain control of their plane by executing the following maneuvers:

- Take-off (right or left)
- · Fly a flat oval pattern clockwise
- · Fly a flat oval pattern counter-clockwise
- Fly a flat figure eight
- Land

Field Marshals:

There must be a field marshal on-duty anytime our field is open. If you are the first or only one there please put on the field marshal badge found in the container. Our on-duty field marshals have ultimate authority covering all flight and safety aspects.

We are getting Field Marshal training back on a regular schedule and you will see email updates in advance of each session.

We encourage everyone to attend who has not attended one of these sessions.

The Field Marshal's (and every member's) responsibility is to enforce and oversee the following key aspects in addition to field oversight:

- No Badge / No Fly
- All flying must stay beyond the edge of the runway and out over the grass.
- No taxiing in the pits or spectator area
- Communication on the flight line (pilots calling out takeoffs and landings)
- Everyone must have their own fire extinguisher out and accessible in their pit area
- NO EXCEPTIONS to any of the above

Flight Safety:

Everyone must be diligent in maintaining safe flying in compliance with our rules. All flying must be done beyond the edge of the runway and over the grass. To protect the safety of members and visitors no plane should ever fly behind the yellow flight-line.

In the event a plane breeches this line the pilot must land the plane immediately and determine the cause of this over flight. We must always maintain a safe zone for all behind the flight line.

Radio Interference:

There are reports about some downed planes where radio interference has been mentioned as the possible cause. If possible, while being safe, look over the crashed plane and see if the receiver LED is blinking, solid, or out.

Depending on your radio brand this can help indicate if a brownout or lockout occurred. We want to document when and where communication issues occur. If this happens to you or someone else make sure it is logged in the Field Marshal (red) notebook in the bin. We also want to mention that there are many pilot created reasons that this could occur based on any of these situations:

 Receiver antennae must be away from metal objects and wires. We have seen antennae and satellite receivers placed along servo wires or beside Lipo's or ESC's. Any of these could cause diminished or blocked reception at times. Check

- your radio manufacturer's specifications for placement criteria.
- Verify your ESC and receiver voltage and load criteria. Most of us are flying with ESC's that provide both motor power and power for the receiver and servos. ESC's and Receivers have voltage and load specifications with most rated at 4.8 volts and load rated for 4 or 5 servos. If you have digital servos these draw more power. If you have more servos or load than the rating you could experience brownouts or low power to the receiver and servos that would result in loss of control.

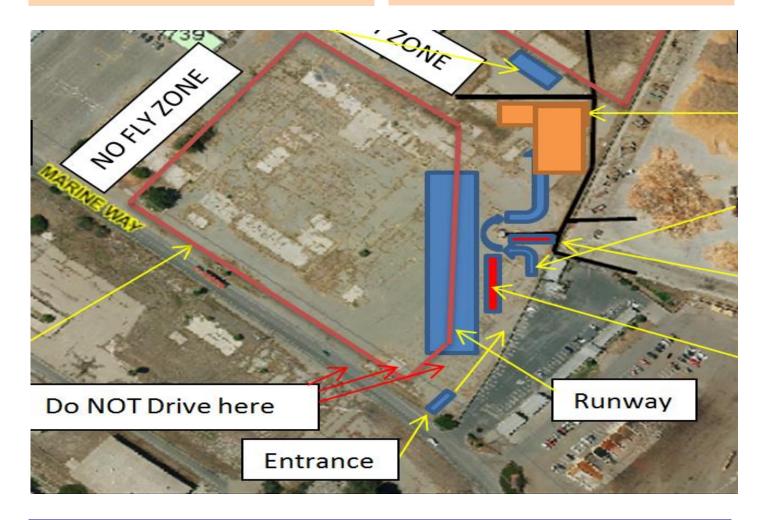
Field (Our #1 Asset) Safety:

With our ever increasing attendance and use of our field we must all be diligent with all aspects of safety.

This includes overall safety while flying and personal safety with our planes and batteries.

We must all be aware of what is going on around us when flying or just relaxing in the pits.

(See below for flying site boundaries)



OCRCC Board

- Greg Stone President
- Dave Kadonoff Vice President
- Jim Finlayson Secretary
- Nathan Stone Treasurer
- Gene DeYoung
- Robert Lung

- Gary Weitzman
- Steve Zingali
- Rob Oglesby
- David Radell
- Jack Gershfeld

We are all volunteers working together to keep the club active and maintain our flying site. We are always looking for volunteers to assist with events and training. Your board gives many hours of service working for you, our members.

OCRCC Membership & Renewal Message

From Greg Stone (President) astone4@outlook.com (949) 413-0920

Renewals for 2017 are underway and you have all seen the various messages sent out regarding the changes. There have been various questions and comments wondering why the changes were made so let me give some rationale.

First let me say that I was the one proposing these changes and these are similar to many clubs with flying sites in and around California. As I work with many clubs in our district trying to deal with this issue, this membership model is either already in place or is being adopted by many more.

The AMA made changes to their membership processing last year where your expiration date may have changed. If you were new to the AMA the month you joined became your expiration month. For any members that did not renew their AMA until after December 31st they got a new expiration month based on the month they renewed. This has caused 30% of our members to have expiration months that are not December 31st.

Since we must maintain an annual insurance policy for our site and anyone flying at our site must have current AMA membership and thus AMA insurance. It was a very difficult this past year trying to follow-up with members that had AMA expirations during the year to get them to renew their AMA. We don't want to have to verify a member's AMA status each time they show up at the field to fly so we had to come up with a failsafe way to guarantee everyone is in compliance with our site and insurance requirements.

For the members that don't expire in December they must add an extra year to their AMA membership which can easily be done on the AMA website. This is a one-time extra cost to push your AMA out an extra year and after this each year you will only have to renew for a single year. All this will get everyone to the have AMA coverage for the full calendar year of 2017 and thus synchronizing with our calendar year membership.

Another concern many had was at our annual safety meetings where we had long delays in order to receive renewals and update logs while many had to just wait until we could get this completed before we could begin the meeting. With my recommendation to cutoff renewals at a date before these meetings we will be able to hold the meetings in an efficient and timely manner. Hopefully this will make it easier on everyone attending.

There is plenty of time to get your renewals in before the January 8th deadline and multiple options for turning them in. you can mail to **OCRCC**, **PO Box 28303**, **Anaheim**, **CA 92809**.

The 2017 renewal fee is still \$65 and make sure you have renewed your AMA and get your renewal and payment turned in.

- 2017 badge is required in order to fly as of January 1, 2017
- You must have a fire extinguisher out and accessible when flying at the field

Feel free to let me know any questions or concerns you have.

Enjoy your flying!

February Club Meeting





Raffle Winners



Planes of Fame Presentation

Our featured speaker at our Feb. 6 OCRCC meeting was Mr. Brian Finnegan, the Director of Public Education, at the Planes of Fame Air Museum near Chino airport.

Most of us know of the Planes of Fame primarily through its annual spectacular Air Show each May, which has featured in the past such displays as the F-22 Raptor flying in formation with three vintage restored warbirds, the P-38J, P51-D, and F-86F Sabre. (This years' Air Show will be held on May 6-7.)

Brian began by giving us the story of how Ed Maloney came to open this now famous air museum of historic aircraft in 1957 at Claremont when he could no longer support space for a growing collection of such flyable aircraft as his B-17.

Today Planes of Fame contains over 150 historic aircraft, including the only currently flyable originals such as the Northrop N9MB flying wing and an authentic Japanese Mitsubishi Zero. Brian delighted us with insights and little known stories about how a number of these famous aircraft came to the museum, and how the monthly Saturday morning "Living History Flying Days" often have reunited these aircraft with their original pilots, the historians who wrote about them, and

the museum's staff pilots who fly them for the crowds at each of these events open to the public (see the accompanying schedule for a listing of these events during 2017).

The next monthly event at Planes of Fame is Sat. March 4, when the Living Flying Day features the P-51 Mustang. Some of our club members expect to attend. Let us know if you would like to meet at Flo's Cafe for breakfast at 9:00 before the 10:00 program.

Brian concluded his engaging discussion with a challenge to the members of OCRCC: he is inviting our members to help him prepare a special educational exhibit. He would like us to design an RC model with a live control and stick such that when the stick is moved, the control surfaces for yaw, pitch, and roll move on the model AND the model itself actually rotates to show the effects of the stick movement. That second requirement creates a creative challenge. So far two members have voiced ideas about how to accomplish a moving exhibit. Could you help us with creative ideas and a little engineering design/building skills?

For further information, contact Barry Woodbridge at bwoodbridge@wbridge.com or visit the Planes of Fame website at www.planesoffame.org.



PLANES OF FAME AIR MUSEUM



(See our website www.planesoffame.org for more information)

JANUARY	7	Living History Flying Day featuring the: Curtiss P-40 Warhawk * The United States Postal Service will hold a First-Day-of-Issue Stamp Dedication Ceremony for the NEW LOVE Skywriting Stamp!	
FEBRUARY	4	Living History Flying Day featuring the: Lockheed P-38 Lightning	
MARCH	4	Living History Flying Day featuring the: North American P-51 Mustan	
MARCH	11	3rd Annual Hangar Dance with Big Band Orchestra	
APRIL	1	Living History Flying Day featuring the: North American B-25 Mitchel	
MAY	6-7	Planes of Fame Air Show May 6-7 2017, Chino Airport	
MAY	14	Mother's Day - Moms Admitted FREE!	
JUNE	3	Living History Flying Day featuring the: North American F-86 Sabre	
JUNE	18	Father's Day - Dads Admitted FREE!	
JULY	1	Living History Flying Day featuring the: Republic P-47 Thunderbolt	
JULY	22	World War I and Early Aircraft (Special Presentation)	
AUGUST	5	Living History Flying Day featuring the: Vought F4U-1A Corsair	
SEPTEMBER	2	Living History Flying Day featuring the: Douglas AD-4 Skyraider	
SEPTEMBER	16	Boeing B-17 Flying Fortress (Special Presentation)	
OCTOBER	7	Living History Flying Day featuring the: Douglas SBD-5 Dauntless	
OCTOBER	28	11th Annual 'Taste of Flight' Gala	
NOVEMBER	4	Living History Flying Day featuring the: Northrop N9MB Flying Wing	
NOVEMBER	11	Veterans Day - Veterans Admitted FREE!	
NOVEMBER	18	Eastern Front of WWII (Special Presentation) & Aviation Book Sale	
DECEMBER	2	Living History Flying Day featuring the: Mitsubishi A6M5 Zero	

Living History Flying Days are held on the 1st Saturday of each month, and begin with a presentation at 10:00 AM by a panel of featured topic experts. Event concludes with a flight demonstration by the featured aircraft (whenever possible).

All events are at Planes of Fame Air Museum, Chino Airport, unless otherwise noted. Event schedules may be subject to change. (Special additional events are noted in blue.)

FREE ADMISSION TO MEMBERS!

BECOME A MEMBER TODAY!

YOUR SUPPORT KEEPS OUR DOORS OPEN & THE AIRCRAFT FLYING!

As an independent 501(c)(3) nonprofit organization, Planes of Fame Air Museum receives no government or public agency funds. By becoming a member, you help us achieve our mission:

To preserve aviation history, inspire interest in aviation, educate the public, and honor aviation pioneers and veterans.

Just a few Membership benefits:

- FREE admission to the Planes of Fame Museums (Chino, CA & Valle, AZ)
- FREE admission to the monthly Living History Flying Day events
- 10% discount in our Gift Shop
- FREE admission to the Planes of Fame Airshow (restrictions apply)
- ELIGIBLE FOR MEMBER RAFFLE FLIGHTS!

Your Membership Counts - Call, Mail, or Visit Our Website to Join Today!

(909) 597-3722 ext. 1 🚷 WWW.PLANESOFFAME.ORG

Planes of Fame Air Museum, 7000 Merrill Ave, #17, Chino, CA 91710

MEMBERSHIP FORM

Here is my \$	donation, please sign me up for the:
□ \$75 INDIVIDUAL	\$150 FAMILY (4 family members) savailable, contact us for details!)
	SA MasterCard AMEX Able to: "Planes of Fame Air Museum"
Name	
	ST Zip
Phone	
Email	
	Exp. Date
Signature	

Planes of Fame Air Museum is open Sun-Fri 10am to 5pm & Sat 9am to 5pm (Closed Thanksgiving & Christmas Day)

Members: FREE! • General Admission: \$11 • 5-11 yrs: \$4 • 4 yrs & under: FREE!



Tip of the Month from Pipeline

By Dave Kadonoff

To gyro or not to gyro, that is the question! Working with student pilots of all ages is always a source of enjoyment for me. I really do enjoy sharing knowledge and tips to help ease new students into the sport, and as we all know, there is a lot to learn in addition to flying skills. I was recently asked by a new student what a good training airplane is and do they really need a gyro since they have practiced quite a bit on a simulator. A good gyro based trainer will save you money by hopefully reducing the likelihood of a major crash, but it can also instill bad habits to always be there to save you, so it is a mixed blessing of sorts. I took this student up in the club trainer and after a few flights they asked to fly without the gyro. Everything went fine but they quickly decided that they needed the gyro. Most gyros can be turned on or off or have a mode select while in flight. As long as you go into the training mindset thinking that you have to progress off the gyro in a timely manner, then you should be okay. Another flyer mentioned that he had gotten so used to the gyro that the first time he seriously shut down the gyro he crashed his plane. It is a great crutch, but think of it as that. Practice flying without the gyro at altitude and quickly switch it back on at altitude if you need to until you have a good feeling for controlling your plane.

Happy landing!

Field Opening and Closing

Remember the field (airplane side) must be opened and closed. There have been recent reports that

the fire extinguishers have been left out and the bin has been left open. These are our club assets and must be put away and the bin locked when you leave.

Porta Potty — While we have weekly cleaning service it appears that some have less than perfect aim or care for this facility that we all share. I present this graphic to remind everyone of the goal to keep it clean:

Safety Meetings — If you still need to complete the safety meeting requirement we will be having another meeting towards the end of February at the field. Without the Safety Sticker you may only fly with a spotter who has a safety sticker. You must attend an upcoming session to receive your safety sticker.

Fire Extinguishers – Everyone who is flying must have a fire extinguisher visible and accessible. This is a critical safety item and is mandatory.



2017 Badges – These must we visible on your person whenever you are at the field.

Safe Flying – **Flight Boundaries** – We still have some reports of airplanes being flown directly over the heli area. Remember our flight boundaries. Dangerous flying is cause for suspension.





SALES / PARTS / REPAIRS 714-633-1247

Remote Control Hobbies stores carry a wide selection of the newest RC Cars and Trucks, RC Airplanes and Helicopters, RC Drones and Quads and all of their RC Parts and Accessories. Our RC hobby shops value quality and feature hobby grade RC vehicles. Your local RC Hobbies is here to keep you running.

211 West Katella Avenue, Suite J Orange 92867

714-633-1247

M-F 10-7 SAT 10-6 SUN 10-5



Orange County Modelers Association

SWAP MEET SATURDAY MARCH 4, 2017

7:00AM—11:00AM \$5 per Space

www.flyocma.com

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