

# Flightline

The Official Newsletter of  
The Pomona Valley Model Airplane Club

**AUGUST 2011 EDITION**

Membership Meeting date Tuesday JAugust 9, 2011



**Phil Goodwine**  
**PVMAC President**

## What's it all about !

Your Flying Family, Your Flying Friends and the Fun of Flying.

Hello to all. I hope that all of our PVMAC members and friends are getting out to both of our wonderful flying sites and enjoying some flying in this month of August.

In this month's newsletter I am going to briefly hit on a few important items coming up and let you get on to the pictures of the month.

The Board of Directors and members have been aggressively working on the finishing items for the upcoming "Big Jolt" all electric event on August 26-28. We are always looking for event volunteers to help the event

go smoothly. Let Sam Wright or any Board Member know when you would be able to help out.

The Board of Directors has decided to cancel the "Wings over Chino" event for this year. The Board could not come up with a perfect weekend to fit in with all of the other local club events and other large scale events that we normally draw from. We were concerned that our turn out would suffer due to these other events. We will determine our event dates for next year and have them posted by the AMA convention.

One of the two days vacated by the Wings over Chino will most likely be utilized by having a one day event of pylon racing. This will be a Saturday event only. The pylon race will consist of only electric aircraft. Specific classes will be determined. One of the classes will be a "Parkzone" and "E-Flight" spec class. Any "Parkzone" or "E-Flight" airplane powered by a 480 size electric motor is eligible for this class. The airframe must be in stock configuration. To find out more information please contact Kenny McSpadden at the field. So bring out your T-28 foamie and have some fun. This is a good opportunity for newcomers to competition.

Your clubs newsletter editor is always looking for information to put into your clubs monthly newsletter. We can always use more help with new fresh information from outside sources. If you have any information or would like to write an article please contact us.

Our membership for 2011 has grown to a staggering 481. We are still signing up new members for 2011 and enjoy seeing new faces. Please remember to wear your membership card to show that you are a PVMAC member when at the fields. The weekends and even weekdays are busy at our fields. Please be patient and courteous to others.

Things to keep in mind during these hot summer months is "Fire Safety". Another California field to our north had a very serious fire at its site. A model airplane pilot of thirty plus years and no other incidents had an accident. This pilot I am told did everything right, logged his flights, recorded any maintenance of his aircraft and logged his charges on his batteries. One day he had an accident that cost him his plane. What he did not do correctly was getting to the crash as soon as possible. The

*Continued on next page*

**Presidents Article Continued  
from Front page**

batteries caught fire and burned an area of six to seven acres. The local fire department dispatched a total of twenty fire engines and one fire fighting helicopter to subdue the flames. Fortunately the club and it's landlord understood this was an accident. Please if you have an incident get to it as soon as possible and take a fire extinguisher, even if you do not see any fire or smoke at first.

Until next month, be safe, have fun flying, enjoy your friends, enjoy your family. Remember life sometimes is to short to make it difficult, enjoy life. God Bless.

*Phil Goodwine / PVMAC President*



## Focus On Safety

by Tom Marcure

This month I would like to take this opportunity to ask every member to do their part to protect our field. Through the hard work and dedication of many members past and present, we have the luxury of two great fields to fly at. This can all quickly come to an end if we are not vigilant. I have myself on occasion discovered individuals who have come out to Prado to fly and they didn't even have an AMA membership, or they had a Park Pilot membership, which is not accepted at our fields. We ask that every member keep an eye open for a non-member attempting to fly at our field. Of course we do not restrict non-members from flying, but they do need have a current full AMA membership and they need to purchase a \$10 day pass. We do not allow "guest privileges", that is, allowing a non-member to fly for free as the guest of a member. All non-members are required to have AMA and pay the \$10 day fee. All members pay \$100 to join the PVMAC and \$80 each year to renew. Why should a non-member not be required to help pay for the excellent flying sites that members enjoy. The club has not only made some good improvements to the Prado field this year, but we also have many monthly expenses. The outhouses, the rent for

the community hall where we have our meetings, the garbage disposal, the leases on both fields are just a few of our regular expenses and they all add up.

So how does all of this relate to safety? Well for one thing, non-members are less likely to be familiar with our rules. When you issue them a day pass, you should also go over the most important rules with them. You can also point them to our posted club and AMA rules. You also insure that they have the proper AMA membership, which provides us with the necessary insurance.

The requirement to wear your card protects your fellow members and our right to use our fields. It is painless to wear our card and it keeps other members from asking to see it. This helps all of us to know which pilots are members and which pilots need to be checked. Please do your part as a PVMAC member: wear your card and ask non-members to show proof of AMA membership and pay the day fee.

*Thank you.*

*Tom*



### NOTICE:

Guest fliers with a current AMA card May Fly with a \$10.00 Day PASS.

Day Passes are in this cabinet at the bulletin board.

**PVMAC  
MEETING**

**Tuesday  
August 9,  
2011**

**7:00**

**Chino Community  
Center**

See Map & Directions at  
[www.pvmac.com](http://www.pvmac.com)

**WIN CASH For  
Just Being at  
the meeting. Be  
sure to sign in  
to be eligible.**

# Photo Review of PVMAC Members Enjoying a day of flying at Prado



Doug Anderson & Ken McSpadden out testing for the upcoming "Big Jolt" event. This is one of Ken's Viper Jet EDF.



Manuel Rodriguez with his VQ Focke Wulf 190



Hai Nguyen / TOC Extra 260.



Stan Wagner standing guard over his trailer.



Jerry Ou with his Comp Arf Extra 260.



An average beautiful Saturday of flying at Prado.

# Photo Review of PVMAC Members Enjoying a day of flying at Prado - Page 2



Kevin McCorry and his Corsair.



Bryan Linden with his Spitfire.



Johnny Engler and the fabulous P-40.



Vincent Russo / Edge 540 and his flying fleet.



Tony Del Grosso would not get in the photo with his antique bi-plane.



David Haas working on his electric powered P-51.

# Photo Review of PVMAC Members Enjoying a day of flying at Prado - Page 3



Joe Clair and his Spitfire. Electric powered.



Ezzrat Baakini assembling his Pattern Hyde Out.



Leo Huerta, Jobe Carbajal, Bobby Carbajal and Sam Garcia with the Top Flight P-47.



PVMAC member Derek Lovett hanging out with his friend Dean.



Joseph Wang / Extra 260 with DLE 170 power.



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THANK YOU FOR SHOPPING WITH HOBBY PEOPLE!**



# There's a Storm Brewin'



## August 26-28, 2011

### Prado Airpark ★ Chino, CA

Open to all Electric Aircraft & EDF Jets

- ★ Premier Flying Site in Southern California
- ★ Beautiful 800 x 50 ft. Paved Runway, with large unobstructed over-fly
- ★ RV Dry Parking at Field
- ★ Electric Vendors
- ★ Food on Site
- ★ Night Flying
- ★ Hangar BBQ Saturday night
- ★ Pilot Raffle

An AMA Sanctioned Event Hosted by The Pomona Valley Model Airplane Club (PVMAC)  
For details, advance registration, hotels/motels, directions & pilot/vendor information, please visit:

[www.pvmac.com](http://www.pvmac.com)

CD Sam Wright sam-w@cox.net / Phil Goodwine phil@goodwineglass.com



# BIG JOLT EVENT SCHEDULE AUGUST 26-28, 2011

Prado Airpark - 17202 Cucamonga Ave - Chino, CA 91710



**NOTE:** RV's coming in Thursday afternoon, notify Sam Wright or Phil Goodwine as to your expected arrival. (Phone numbers on page 3)

## Pilot Registration \$30.00

### Thursday August 25, 2011

12:00 Noon Entrance to facility

RV Parking Overnight Dry RV Camping \$10.00 per night in advance.

### Friday August 26, 2011

8:00 AM - Pilot Registration (*Pre-Registered pilots use Pre-Reg line at registration table*)

8:30 AM Pilots safety meeting & National Anthem Opening

8:45 AM - 11:00 AM Open Flying on Five (5) Flight lines.

**Must wear Pilot Number to fly! (No Exceptions)**

11:00 AM -11:30 AM

NMPRA Electric Formula 1 Practice Session

11:30 AM - Noon Electric Jet Speed Run Trials - Practice Session

12:00 PM - 12:45 PM Manufacturers Demonstrations

1:00 PM - 5:30 PM Open Flying

3:30 Raffle Drawing

5:30 Field Closed

7:00 PM - Open Night Flying

**8:00 PM**

### Electric Fantastic Free Style Contest

1st Place \$250.00 Cash, 1st, 2nd, & 3rd Place Trophy Awards

Rules for Electric Freestyle:

- \* Any Size Aircraft
- \* Must have lights
- \* Pilot may have a light controller person
- \* Each entry must have music
- \* In the event of a tie for first place, there will be a run off.



## **SATURDAY AUGUST 27, 2011**

7:00 AM - Pilot Registration Open

8:00 AM - Pilots Safety Meeting & National Anthem

8:30 AM - 12:00 PM - Open Flying

**12:00 - 1:30**

**Air Show Electric Flight Demonstrations**

**NMPRA Formula 1 Electric Pylon Race**

**EDF Jet Speed Record Runs**

**Manufacturers Demonstrations - Factory Pilots**

1:30 - 5:00 PM - Open Flying

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### **6:30PM BIG JOLT Hangar Dinner & Auction**

Dine surrounded by a P-51, N3N, T6 & a Stearman Project  
Buffalo Wing Appetizers - Dinner: Tri-Tip Steak & Chicken,  
Corn on the Cob Salad & Rolls with soft drinks, Beer & Wine

**\$20.00 each** Purchase Tickets at Registration  
Auction is all new RC Electric Products

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## **SUNDAY AUGUST 28, 2011**

8:00 AM - 12:00 AM - Flying Opens (Five (5) Flight lines)

**12:00 Noon Air Show & Demonstrations**

3:00 PM - Event Flying Closes

3:15 PM Awards & Raffle Prizes

NOTE: Open flying resumes after field has been cleaned and signs removed.

**Any schedule changes will be announced over the PA system**

***THANK YOU FOR JOINING US***



## METHOD FOR FINDING “MAC” OF A WING

by Paul Smith

At the July club meeting I demonstrated an easy method of finding the mean aerodynamic chord (MAC) of a wing.

I found this method in a model design article by Col. Bob Thacker published in a 1980 issue of RC Modeler Magazine. The following summarizes the steps to find the MAC and where the model CG

should be placed relative to it.

Col. Thacker’s method for CG location

Make a cardboard cutout of the shape of one half of the wing.

Lay it across a straight edge (yardstick), balance it, and mark this line on the wing.

Turn it 90 degrees, and balance it, and draw another line.

At the point where these two lines intersect draw a line, front to back, in the direction of the air flow, (i.e. parallel to the fuselage centerline). This line represents the mean aerodynamic chord or MAC of the wing.

On this line go back 25% from the leading edge, and from that point go straight over to the center of the fuselage

and make a mark. This is where the center of gravity (CG) should be set.

For pitch stability the CG of the model must be ahead of the center of lift of the entire model. The horizontal tail also contributes to pitch stability so the center of lift of entire model will be somewhat farther back than this 25% mark but use it as a safe starting point.



Col. Robert E. Thacker poses by his F82 “Betty Joe in the Wright Patterson Air Museum in Dayton, Ohio.



**August 26-28, 2011**

**Prado Airpark - Chino, California**

**Hosted by PVMAC**

**All Electric Event - Friday Night Flying  
- Hangar banquet Saturday night with  
live RC Auction**

**\$30.00 per pilot includes event T-Shirt  
Saturday Dinner Tickets \$20.00 each  
Register & Pay online with PAYPAL at  
[www.pvmac.com](http://www.pvmac.com)**

**First 50 registered pilots receive a Free  
XPS Lipo Charging Bag.**



### Sam Wright -PVMAC Flightline

This month as you can probably tell, my focus and everyone involved is on the Big Jolt. The West Coast does not really have a super venue for an all electric event.

As we head into our 2nd Annual for the Big Jolt a lot of new changes were added to the schedule.

There is night flying on Friday night with a free-style where hopefully pilots will fly with lights on and music for a \$250.00 cash award. The plan is to have Pizza delivered to the field for those in RV's and camping so we can all hang out for the evening excitement.

We now have a small raffle for both Friday and Saturday as well as a banquet in our hangar again with a live RC auction. For the ladies that attend the banquet we have live keyboard music for you.

I included the schedule in this newsletter, but there is more information on the PVMAC website at [www.pvmac.com](http://www.pvmac.com)

Tom Callahan, our PVMAC webmaster has done an outstanding

tion.

The first 50 pilots to register will receive a large XPS Lipo Bag. Registration also includes an event T-Shirt and some ZAP Glue products.

Everyone is invited that wants to fly



an electric and the pilot fee is good for all three days.

Parking is \$3.00 per car and PVMAC members are free, so be sure to have your membership card with you as we will not have time to verify your membership with 492 members at the gate.

If your a new PVMAC member, please bring the family and come out and enjoy the event. We have

job getting al the information up for the Big Jolt. As an added feature this year, we added PayPal for pilot registration and banquet tickets.

Now it is easier than ever to pre-register and get your dinner tickets to avoid the delays at registra-

limited seating for about 30 chairs so pack lawn chairs to play it safe. Food on site is better than hard hamburgers and hot dogs, plus the excitement and various aspects for electric flight are non stop for both Friday and Saturday.

### BIG JOLT PILOT INFO:

If you register on line, you will still need to fill out your pilot aircraft information sheet. This information is for our sponsor and Model Airplane News who is covering the event.

There will be a separate line at registration for pre-registered pilots and this will speed up the process.

Each pilot will receive an event vinyl number to pin on their back somewhere so the announcer can chat about you and make you famous.

Actually his job is to inform our spectators as to what is taking place in this segment of our hobby.

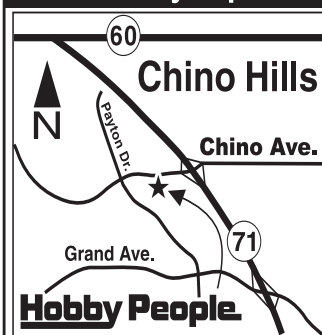
The hangar dinner features TriTip Steak, Chicken, Corn on the Cob, potatoes, salad and of course refreshments, beer & wine all included with buffalo wings & chips for appetizers. Cocktails are at 6:00, Dinner at 7:00, all in-

cluded for \$20.00 each and again, you can pay on line at [www.pvmac.com](http://www.pvmac.com).

I hope to see you all at the meeting tomorrow night and we will be looking for members to help us out with the event.

**Thank you,  
Sam Wright, Big Jolt CD**

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### Pomona Valley Model Airplane Club

P.O. Box 2707 - Chino, CA 91710

[www.pvmac.com](http://www.pvmac.com)

Sam Wright, Flightline Editor

[sam-w@cox.net](mailto:sam-w@cox.net)



Robert Salerno packed up and heading home after a fun day of flying at

**PVMAC Meeting Tuesday AUGUST 9, 2011  
7:00PM - Chino Community Building - 5443 "B" Street  
Chino, CA 91710**