



## **Scale Squadron of Southern California October 2010**

Phyllis and Tim with the FW-190!  
More info Inside!



**DON'T MISS OCTOBER'S MEETING  
BOARD NOMINATIONS HAPPEN THIS MEETING!**

Founders of the U.S. Scale Masters Championships  
[www.scalesquadron.com](http://www.scalesquadron.com)



*MY VIEW FROM  
THE BENCH*

TIM JOHNSON  
SCALE SQUADRON  
COMMANDER

TIMOTHY@JOHNSON.US.COM

THE SCALE SQUADRON  
OF  
SOUTHERN CALIFORNIA



*EVENTS & ACTIVITIES*

Oct 11 - Squadron MEETING  
NOMINATIONS for BOARD OF DIRECTORS/CLUB LEADERSHIP

Oct 23-24, 2010  
Scale Model Fly-In oeaf.org  
1/8th Air Force  
Adobe Mountain Park, Phoenix AZ

Nov 8, 2010  
Squadron Meeting

Nov 13-14, 2010  
Wings Over Chino Scale Fly-In  
PVMAC pvmac.com

Nov 19-21 2010  
22st Annual Arizona Jet Rally  
Superstition Park, AZ  
<http://www.azmodelaviators.com/>  
Art Ashenden 480-314-0064

Nov 20, 2010  
Prado Swap Meet PVMAC

Dec 5, 2010  
PVMAC Toys for Tots

Building season is here! Have you found your build project for the winter? The Squadron would like to hear about it. Toss a few words together, snap a few photographs, and send them to our newsletter editor, Mike Greenshields (mikegreenshields@gmail.com). Your fellow club members would enjoy reading about your project.

Nominations for our Board or Directors will take place at our October meeting. If you would like to run for a BOD position please make sure to make it to this month's meeting. This is your chance to get on the BOD and help keep the Squadron running smoothly.

The One Eighth Air Force event is just around the corner. If you have not contacted Sam Wright about having your airplane transported by the club trailer, you need to do so ASAP. You will need to make airplane holders for your airplane so that your airplane can be strapped down in the custom airplane rack that is in the club trailer. A special treat this year will be a WWII B-17 pilot as guest speaker at the OEAF Saturday steak dinner.

It is amazing what you get to experience and who you get to socialize with when you go to all of these aviation events through the year. The different type of models you get to see. The pilots and builders you get to talk to, and the Saturday night banquets. You really never know what you will learn or who you will meet at these events. And you a Squadron member make these events even more exciting.

I hope everyone enjoyed their time at the exclusive Hobby People open house. It is not that often that your local hobby shop will open its doors for a party. I would like to thank everyone that participated in the event. Also I would like to thank Joni Whitsitt for setting this event up with Hobby People. I would like to thank Rick Pike and Mike Greenshields for making the event happen. It is a lot of work to clear out warehouse space, set up table and chairs, bar-b-que etc. If you see any of these people that helped organize the event, please let them know you are a Squadron member and you enjoyed the evening.

The monthly meeting is right around the corner. Don't forget to bring your project for show and tell. And I will see you at the Monday night meeting.

I hope to see YOU at the field!

-Tim Johnson

**TEST - Tim and Mike are testing YOU!**

Are you reading the Newsletter? OK then, If you are, be prepared with the answer! But NO CHEATING, don't tell anyone else!



This display lives in a hangar on a Marine Corps Air Station. What is it??? Tell us your answer (secretly) at the next club meeting!

# Tim Cardin's update on the Ortego FW-190 It FLIES!



Phyllis and Tim stand next to the prepared and RTF FW-190. Since this pic Tim has added markings and weathering!

The Ortego FW-190 is a looker and a crowd pleaser. Even the exhaust stacks for the engine are in the right spot!



Tim Puts IN the extra effort making this project lightning fast from kit-in-the-box to dream-come-true at the field with detailing and flight performance that is simply IMPRESSIVE.



All,

Here are the specifics. Build Time 14 Weeks

Kit: Jerry Ortego models FW 190 A4 Which I was given as the Commanders' Award at the Scale Squadron Jerry Ortego Memorial Fun Fly in June 2010. I'm not sure of the kits age but the glass had yellowed as well as the canopy which was wrapped in news paper dated March 1981. Fiberglass fuselage and cowl, balsa sheeted foam wing, horizontal and vertical stab all glassed with  $\frac{3}{4}$  oz cloth and West Systems epoxy resin. Ailerons, elevator and rudder covered with Coverite.

Engine; O.S. Gemini II 120 fitted with dual carburetors and modified by Bill Vanleuwen, custom exhaust exiting in scale locations with an APC 15x8

Radio: Airtronics SD-10G 2.4Ghz FHSS3, 10 Ch rx, all digital servos. 94820 servos on the ailerons and flaps, 94772 on rudder/tail wheel duty and 94722 everywhere else all provided by Airtronics

Power: 2SP Lipo 2200 MA with a 6v 10amp regulator

Weight: Slightly less than 13lbs

Retracts: Robart air up/spring down provided by Mike Greenshields modified to operate @ approximately 80 degrees running 130psi

Tail wheel: Robart's small mechanical retractable (modified) using pull-pull cables

Main Gear: Oleo struts built by me

Color Scheme: Winter camouflage as campaigned by Jerry Ortego in his honor

Paint: Top Flight for primer and color, finished with Top Flight flat clear.

Number and Markings: all made by using a combination of paint, trim Monokote, Photoshop and a color printer.

Documentation: Jerry's original documentation graciously provided by Phyllis Ortego, additional FW 190 documentation provided by Gordy Truax and Larry Wright

Start to finish this was a really fun project. I did all the work myself but had the support of the Scale Squadron all the way and kept everyone up to date by bringing it to the meetings for show n' tell.



*FROM THE EDITOR'S DESK*

**MIKE GREENSHIELDS  
SCALE SQUADRON  
NEWSLETTER EDITOR**

September was an exciting month. The Big Jolt at PVMAC was a blast, the Squadron Meeting was great, and we had some fun events too!

First on my mind is Tim Cardin's maiden voyage and several flights following of the FW-190. Can't believe he built it so fast.

That same day Tim Johnson maid-

ened his EF-16 from Phase 3, I maiden'd with Sam Wright a BH Models AT-6, Randy Wilbur but some time on his engine to help prepare for the first flight of his new Giant Gilmore Racer, and it seemed like all the members out that day simply had a GREAT time (not to mention the great time we had at the restaurant at the lake after the day of flying!)

It's a day to remember!!!!

The Hobby People night was a ton of fun. Had a great time presenting all of the latest stuff fomr Hobby People to everyone who attended. It was FUN. Thank you to everyone who attended (there were a LOT of you!)

**DON'T FORGET!!!!!!!!!!!!!!!!!!!!**  
Board Member Nominations are coming. Think about who we want involved in leadership and who needs to be looking out for our club every day. There's a lot of GREAT people with good leadership skills in this club, I hope some of them volunteer to help out the leadership from this year!

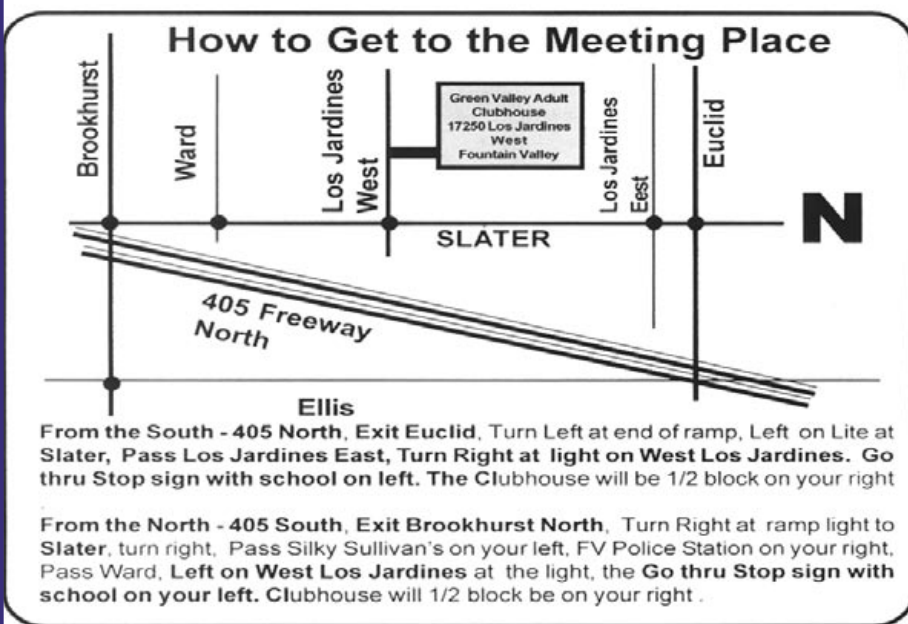
On a personal note, I've been having a BLAST building with Larry Wolfe on the Panther and other projects. Tim mentioned this in his letter. I'm going to repeat it... Have you got you're building projects ready for winter? I HIGHLY recommend you find a kit to build and DIG IN! I think Tim Johnson may have a new kit too. Rumor has it he bought a brand new in the box Pica Spitfire kit in pristine condition!

There are a lot of events coming. From Wings Over Chino to the Arizona Jet Rally, to 1/8th Air Force. So, keep the planes you have flying, flying so that you can have some fun at these events while you're building the next masterpiece!

As I said last month... Make plans and make planes to have a fun 4th quarter of flying!

Happy landings!

- Mike Greenshields  
mikegreenshields@gmail.com



**MEETING**  
**Monday**  
**Oct 11**  
**2010**  
**7:00 PM**  
Green Valley  
Adult Clubhouse  
17250 West Los Jardines  
Fountain Valley, CA 92708

# Club Meeting and RE-CAP - Sept 2010

## Fantastic Models, Show-N-Tell Fun

Gordy Truax shows everyone installation of the XPS system into his Futaba Radio.

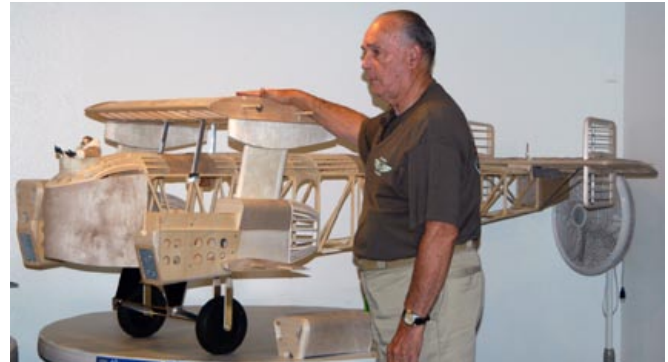


Larry Wright showed off his latest acquisitions. All the stuff he won/bought at BIG JOLT including this hi power EDF unit



Tim Cardin Shows off the Finish and ready to fly FW-190!

Tim Johnson, Commander (and now Announcer!) presented an overview of the BIG JOLT at PVMAC.



Larry Klingberg demonstrated progress on his S-29! Looks like it will be flying SOON!



Mike Greenshields with the U-2 RTF EPP EDF from Phase 3



Steve Penn shows off his new VQ Models P-40 Checker-tail



Bob Wood with his TT Bearcat

Roy Mills shows off his unusual color scheme on his new JHH Panther



# Pomona Valley Model Airplane Club

Nov 13-14, 2010

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All In hangar with Lady Alice P-51 at the Chino Airport

BBQ Dinner with Drinks \$20.00 at Registration

RV Overnight Dry Camping on Site @ \$10.00 per night

### \$25.00 Pilot Registration Includes:

Two Tickets to Friday Night Pilot Hangar Mixer at Chino Airport

Wings Over Chino Event Hat - Pilot Raffle Ticket

Pilot Souvenir Flight Line Number

Visit [www.pvmac.com](http://www.pvmac.com) for Online Registration, Event Information, & Directions

Contest Director: Sam Wright sam-w@cox.net

Phil Goodwine Event Coordinator phil@goodwineglass.com

**Hobby People**

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**ZAP**

**SD-10G**

# Snapshots from the Membership - Squadron IN ACTION



Hobby People Night  
OCRCC and Squadron

Thanks to Jonie for coordinating this event! Had a GREAT time. 80+ people were fed, shopped, mingled, and had a great evening!



Our own Sam Wright and HP Lake Forest Store Manager Mark Silzley prepare the BH Models AT-6 for Display

HP VP Rick Pick, HP staff and Squadron volunteers like Phyllis Ortego flipped burgers and had fun! Great to see everyone there!



## UK Squadron Wing - Activity Report! –

Spitfire, belongs our UK Squadron member Ted Cooke. it is 1/4 scale built from a Mick Reeves kit, the engine is a Zenoa 62 with a tuned pipe. Radio: Futaba 2.4. It is covered in Proskin. Model took about 18 months to build.

### Golden Age Air Races:

Next picture is of Ted Cooke and his Gee Bee Race-Team. Ted's is the one with the skull on the tail.

They have had as many as 12 racing at the same time it really focuses the mind.

Accidents happen, this is why we carry fire extinguishers and have AMA insurance and fly at AMA Fields!

Glad this wasn't My CAR!!!





The Neil Webb Memorial Trophy

# 1ST PLACE

## 2010 FAI/F3J World Champion



### Congratulations Daryl Perkins!

We Salute Team Airtronics & Winning Pilot Daryl Perkins!  
4-Time F3B World Champion, and Now F3J World Champion!

“When I’m flying against the best pilots in the world, I don’t need to be thinking about radio system reliability. I need to concentrate on my strategy. The SD-10G gives me the features I need and a system I can trust.”

— Daryl Perkins



If you think you can't switch to Airtronics... Think again!

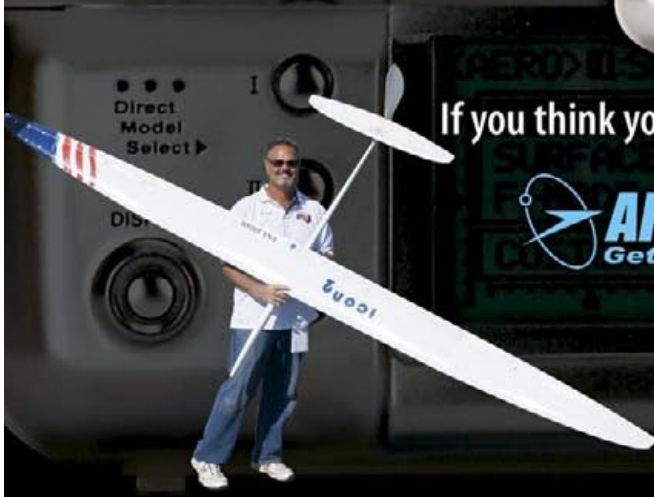


# SD-10G

[www.airtronics.net](http://www.airtronics.net)



Get more information on line at: [www.airtronics.net](http://www.airtronics.net). You can buy your Airtronics SD-10G at your local hobby shop. To find a hobby dealer near you, log on to: [globalhobby.com](http://globalhobby.com). Dealer inquiries invited. If you have a bona fide hobby shop, contact Global via email: [service@globalhobby.net](mailto:service@globalhobby.net); or simply write to: Global Hobby Distributors, 18480 Bandelier Circle, Fountain Valley, CA 92728-8610. Contents ©2010 Global Hobby Distributors. Airtronics is distributed exclusively in North America by Global Hobby Distributors.



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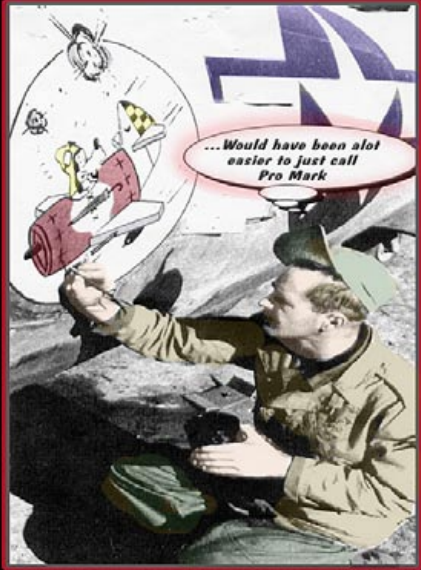
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# The Scale Squadron of Southern California



## MEMBERSHIP APPLICATION

Membership in the Scale Squadron is open to all AMA members who are interested in safe, formal, and informal flying, including the research, building and flying of Scale R/C Miniature Aircraft. Membership Annual Dues are \$30.00 covering January 1 through December 31. Membership begins after verification of your current Academy of Model Aeronautics (AMA) Membership Card and receipt of Scale Squadron membership dues. Membership in the Scale Squadron includes a monthly newsletter and Squadron name tag. Meetings are the second Monday of each month at 7:00pm.

NEW  RENEWAL  Recommended by \_\_\_\_\_ DATE \_\_\_\_\_

Name \_\_\_\_\_ Spouse \_\_\_\_\_

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State \_\_\_\_\_ Zip Code \_\_\_\_\_ -- \_\_\_\_\_ Email \_\_\_\_\_ Birthday \_\_\_\_\_

Home Phone \_\_\_\_\_ Work \_\_\_\_\_ Ext \_\_\_\_\_ Mobile \_\_\_\_\_

AMA# \_\_\_\_\_ NASA \_\_\_\_\_ USSMA \_\_\_\_\_ FCC/Ham \_\_\_\_\_ EAA \_\_\_\_\_

### MODELING INFORMATION

Years in R/C \_\_\_\_\_ Modeling Level: New  Intermediate  Expert  Need Help

Interest Area: WW1  WWII  Golden Age  Civilian  Vintage  Jets

Private or Commercial Pilots License & Type Rating \_\_\_\_\_

Are you interested in Scale Competition? Yes  No  Would Require Assistance

How did you hear about the Scale Squadron? \_\_\_\_\_

### GENERAL INFORMATION

Meeting Preferences. Check all areas that you would like to see at the monthly meetings

How To  Videos  Guest Speakers  Scale Techniques  Scale Contest Prep

Your Ideas \_\_\_\_\_

Would you be willing to assist at Scale Squadron Events? Yes  No  Maybe with Help

Registration  Gate  Flight Line  Judging  Scoring  Cooking  Radio Impound

Comments \_\_\_\_\_

NOTICE: This information is only for the Scale Squadron Data Base and will not be shared or sold to any outside agencies. Your information may be used in a Scale Squadron Membership Guide available only to paid members.

# Scale Squadron of Southern California



## ***Advancing and Promoting the Hobby of Remotely Controlled Scale Miniature Aircraft***

Many people from all walks of life find it fascinating to produce a miniature working replica of a full size object be it a doll house, sailing ship or operating steam locomotive. In our case it is our passion for Flying Machines that motivates the Scale Squadron.

Our members have diversified interests in all facets of aviation history, from the first aircraft to fly at Kitty Hawk to the modern day jet. Advancements in technology have provided us with ready-to-fly kits, on-board cameras, in-flight telemetry, multi-cylinder engines as well as high powered miniature jet turbines that burn real jet fuel. Today as scale modelers we pursue nearly every possible aviation subject with the confidence that not only will our project be successful, but that it may out perform that of its scale counterpart.

Squadron members delight in the pursuit of authenticity for scale projects. This requires research and documentation of specific aircraft and their variants. Many of the flying replicas thus created are of "Museum Quality" and our members take to the skies with these flying miniatures regularly and successfully. On the other hand, not every member makes a scale masterpiece. That's OK too! Whatever pleases you is what counts. Whether

club that embraces all facets of scale aviation R/C modeling and the related community.

Scale Squadron Club Meetings are held on the 2<sup>nd</sup> Monday of each month at the Green Valley Adult Clubhouse, 17215 Los Jardines West (just north of Slater) in Fountain Valley, CA. The meetings start at 7PM and last about 2 hours. Our meetings throughout the year include the usual club business as well as Member Show-and-Tell, Modeling How-To's, Aviation and Industry Presentations, and good ol' time social gathering to help enlighten and encourage our membership to push the boundaries in the art of Miniature Aircraft



you're kit-bashing, volunteering at charity aviation events, or making molds from scratch for Scale Masters or AMA National Championship competition scale aircraft, Scale Squadron is a

Replication. Like-minded visitors are always welcome. All members and visitors alike are encouraged to bring their latest scale models and projects!



**Thank YOU for your hard Work!**

Jerry Ortego, Squadron Founding-Member after a nice flight with his FW-190 at OCMA Field

Larry Klingberg, Squadron Life-Member and Legendary Scratch-BUILDER

Our UK Squadron Wing Commander Ted Cooke Enjoying the usual flying conditions in the UK

**Founders of the U.S. Scale Masters Championships**

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