

# Scale Squadron of Southern California September 2010

### In This Issue...



FW-190 UPDATE



Cessna 310B Keeps on Flying We have proof in-Print!



We may not have stumped the modeler but we had a good time looking over Larry Wolfe's samples at last month's scale-detail presentation.

Recognition for several jobs all well done

**Hobby People Club Event** 

Ghostrider, the Calander is Full There are LOT of events to attend this Spring!







Founders of the U.S. Scale Masters Championships www.scalesquadron.com



#### MY VIEW FROM THE BENCH

#### Tim Johnson Scale Squadron Commander

TIMOTHY@JOHNSON.US.COM





Summer is coming to a close, and the fall season is around the corner. That means the One Eighth Air Force event is not too far away. I hope you can make it to their event. The Big Jolt Electric event at the PVMAC Field is the weekend of September 10-12. If you have just the slightest interest in electric powered aircraft, this is the event to visit. There will be many different types of aircraft that show up. This will give you the opportunity to ask many different pilots questions about their aircraft and power systems.

If you fly at OCMA, please take the time to review the latest rules for flying at the field. One major thing is **EVERYONE** MUST have a fire extinguisher in their pit area. This is VERY important. It does not matter what type of aircraft you fly, you must have an extinguisher in your pit area, and visible. Not under your seat, or elsewhere, but somewhere quickly reachable in your pit area. If a fire starts on our field, we need to be able to jump to action. I am sure I don't need to remind Squadron members, but also please remember to observe the 10 mph speed limit on the dirt road, or do not kick up a lot of dust. Think of it like a harbor rule, NO-WAKE. The same applies to



this rule, 10 MPH & no dust. Okay enough harping on rules and regulations.

Hobby People has invited the OCRCC and the Scale Squadron to their corporate office in Fountain Valley for an exclusive club



event. SEPT 20! This is a neat deal. This event will give you the opportunity to meet people within Hobby People, and get to know more about the products that Hobby People sells, talk with representatives of Hobby People and Airtronics. I think the really neat thing about this, is the special attention that Hidaka-san President of Sanwa Japan has given to this event. There is more information about this special event (Next Page). I really hope you can take the time to attend this special event. Hobby Shops rarely think outside of the box like this, and reach out to their customers. Please take the time to thank Joni Whitistt for instigating this event again this year. Great work Joni!

#### The Squadron is in the headlines again.

The magazine Backyard Flyer, October issue, has an article about our club Cessna U-3A review/project. It is a pretty neat article. I can't wait to see the Squadrons Review/build article in the Jan issue of Model Airplane News. (out in Nov) Great work Squadron! The Squadron will do something like this again soon. So you will have an opportunity to participate with a different airplane.

A side note, in the Sept issue of Backyard flyer, there is a great article on the very last page. It is about one man's quest to keep flying and enjoying the hobby. It is worth the read.

It is getting close to Squadron Board of Directors nominations for 2011. The October meeting we will hold nominations, and voting will be at the November meeting. This is your chance to contribute to your club.

Don't forget to attend Sept's meeting (Sept 13). Bring your project for show and tell!

I hope to see you at the field!

-Tim Johnson

#### **EVENTS & ACTIVITIES**

Sept 10-12 2010 West Coast Big-Jolt Electric FlyIn Tap Room Friday Night! PVMAC -Contact Sam Wright pvmac.com

Sept 18 2010 WWII Warbirds Over Gilman Springs www.gilmanspringsrcflyers.com/

Sept 13 2010 Squadron Club Meeting 7pm

Oct 1-2, 2010 2nd Annual Ace in the Hole Electrifest Bill Bennet Field, Las Vegas http://www.vegasaceinthehole.com/ Darrell Stubbs Darrell@vegasaces.com

Oct 8, 9, 10 2010 "Volts Over The Victor Valley" Victor Valley R/C Flyers vvrcf.org Barry Young 760-985-4577

Oct 20 2010 7pm Club-Only Event/Dinner at Hobby People See Flyer in this Newsletter

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

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



# You're Invited!

# Hobby People Welcomes OCRCC and Scale Squadron Members To Our Exclusive Club Event

WHEN: September 20, 2010 7-9PM WHERE: Fountain Valley Hobby People

18475 Pacific St. (Corner of Pacific and Ellis)

Fountain Valley, CA 92708

PHONE: 714-964-8846

**★ Food ★ Drinks ★ Snacks ★ ★ R/C Product Presentation ★** 

**★ Meet the President of Hobby People, Matt Fales ★** 

★ Free gift for everyone attending ★

**★** Event Exclusive Specials and Promotional Items. You must be present to take advantage of these deals ★

**Exclusive Shopping:** The store will be open late exclusively for Club Members attending this event from **7 to 9pm.** 



Exclusive Presentation and Club Event-Only Price for the New Airtronics **SD-6G** 2.4GHz 6 Channel Radio.

A note from the President of Airtronics/Sanwa:

"I invite you to take a close look at our new, powerful, 6 channel 2.4GHz radio. We're proud to offer a 6 channel of this caliber to the American modeler. I have given Hobby People a special 1-time price for those attending this great event."

— Koji Hidaka, President Sanwa-Denshi, Japan

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

Here's a few recent pictures including the aileron rib stitching I just finished. It's moving right along. The panel lines are made by applying fine line drafting tape in the appropriate locations on a primed and sanded surface. Then shooting another coat of primer mainly over the tape and removing the tape shortly after the primer has set. A light sanding at this point is all that is required before color. Rivets, screws and dzus fasteners can be added onto or imprinted into the primer and will show well after the color coat is applied.

It's an old trick, one that I like using because it's quick and gives decent panel effect.

-Tim Cardin

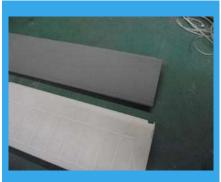
It's starting to look like it should! Proud and Majestic!



On its wheels, about ready for PAINT!



Modified Robart Air-up/ Spring Down. It's now an 85 Degree Retract



Control Surface prepared!



Custom Made Oleo Struts

Retracts and covers installed and tested for fit and proper movement





Sheeted and prepared suface

Tim, the plane is looking GREAT! We're looking forward to the next update! Maybe it can be ready for Wings Over Chino! -editor

## Club Meeting and RE-CAP - August 2010 Stump the Modeler, Scale Techniques, Huge Show-n-Tell

#### **Guest Speaker: Larry Wolfe - Jet Hangar Hobbies**

Club Speaker Larry Wolfe Answered Modeling Questions and Presented an overview of a multitude of scale building and finishing techniques







Greg Shultz showed off his Cessna Build. Looks ready to fly!

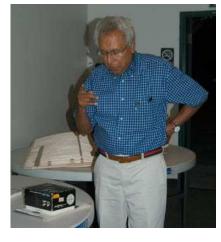


Randy Wilbur and his Electric Cap 232. He has an interesting story on this prize he won at a local event.



Tim Johnson shows off progress on the RV4 and Building Board Tips!

Bob Ramirez Showed off his OS 60 and presented some interesting OS Engines History!





Larry Klingberg demonstrated an unusual hinging technique and the progress on his S-29



Larry Wright showed off his latest acquisition, the Mark Engines Gas 1.40





Tim Cardin's FW-190 has an unusual direct servo link for the Ailerons



From the Editor's Desk

#### MIKE GREENSHIELDS SCALE SQUADRON NEWSLETTER EDITOR

There's always a lot going on at the Scale Squadron.

The Cessna saw it's first bit of print (see next page). Full review coming soon! Larry, Phil, Paul.. You guys did a GREAT job on this model!

The JOLT is this weekend. I'm looking forward to some great flying seeing some new models, new pilots, and lots of cool stuff. Sam Wright and Phil Goodwine out there

at PRADO will be working hard for all us pilots! Looks like it will be an awesome setup!

The calandar is FULL for Sept, Oct, and November! Even things with scale-interest pretty much fill every weekend (take a look at the update schedule of events in this newsletter!)

Another electric event coming up is October 8-10 out in Hesperia. It's a bit of a drive, but its a newer field with a nice runway and some nice people. It's my dad's club and they've been working hard out there to put in trees, shade, seating, etc. Flyer's in this newsletter. Might be worth a look.

Another event that should be fun is the upcoming Hobby People night for OCRCC and Scale Squadron Members exclusively! (Sept 20). I'll be putting on the ol'dog and pony show. The guys have a lot to show you, there's a whole bunch of new stuff that will be featured. I hope to see you there!

Tim's article points out something we all need to remember.. SAFETY.

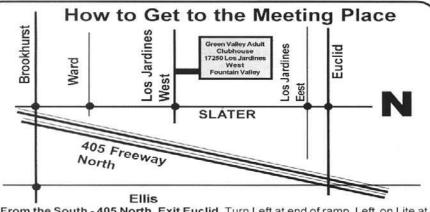
Fire extinguishers, safe battery handling, safe fuel storage, etc. The hobby is a heck of a lot more fun when we all stay healthy and safe. It's all prevention too. Careful planning and a bit of forethought go a LONG WAY toward staying safe. So, let's remember to obey all the rules, fly carefully, and keep a clean, safe pit area!

Board Member Nominations are coming. I think this is the PERFECT time.. while we have a month... to 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!

Make plans and make planes to have a fun 4th quarter of flying!

Happy landings!

- Mike Greenshields mikegreenshields@gmail.com



From the South - 405 North, Exit Euclid, Turn Left at end of ramp, Left on Lite at Slater, Pass Los Jardines East, Turn Right at light on West Los Jardines. Go thru Stop sign with school on left. The Clubhouse will be 1/2 block on your right

From the North - 405 South, Exit Brookhurst North, Turn Right at ramp light to Slater, turn right, Pass Silky Sullivan's on your left, FV Police Station on your right, Pass Ward, Left on West Los Jardines at the light, the Go thru Stop sign with school on your left. Clubhouse will 1/2 block be on your right.

# MEETING

Monday Sept 13 2010 7:00 PM

Green Valley Adult Clubhouse 17250 West Los Jardines Fountain Valley, CA 92708

# A GROUP EFFORT

#### SCALE SQUADRON OF SOUTHERN CALIFORNIA BUILDS THE CESSNA 310

t this year's RCX, the editors of Model Airplane News received an unusual proposition. Mike Greenshields, a member of the Scale Squadron of Southern California and product manager at Global Hobby, offered to submit a kit review of the Alien Aircraft Cessna 310 for the magazine as a club project. We've had many contributors to Model Airplane News over the years, but never had a club group as a contributor. Of course, we jumped at the chance to feature several different viewpoints in one review, so we immediately accepted Mike's offer.

#### **CLUB PRESENTATION AND BUILD**

Mike and Tim Johnson, squadron commander, presented the idea to the club and were able to get members Larry Wolfe, Phil Gross and Paul Lee to help. Then, they were off and running! The plane was kept at a member's house, and three of the



Squadron members who worked on the Cessna 310 are Larry Wolfe, Tim Johnson (club commander), Mike Greenshields (newsletter editor), Phil Gross and Paul Lee.

builders got together for a couple of build nights to get the frame completed. Three of them helped at this stage because it consisted of building, sanding and shaping, so as each person got tired of one chore, another would take it up. The plane got passed around for a little while until all the construction was done.

Phil Gross did the covering and he used the color scheme that was found on a full-size Cessna 310 at a museum. When that was done, it was passed on to another member who did all the finishing work, such as installing all the electronics and servos. When everything was finished, they all met at the flying field for the first flight. Mike did the initial flight for the photos



The framed-up fuselage right before Phil Gross started on the covering.

and trimming. After that, each of the members involved flew the plane to give their opinions as to what they liked or disliked. From the first flight, they all agreed that they should bump up the battery from a 2-cell to a 3-cell just to give the plane that little extra power. They met again on another day and Mike and Larry both flew the plane and agreed that the larger battery really improved the performance.

#### HERE COMES THE FUN PART!

After completion, the Cessna 310 has been to a couple of events and is treated as a club plane—the person who had it last will bring it out and anyone who wants a turn can fly it. As for the writing of this first-of-its-kind review, because Mike authors the newsletter for the club, he was the logical choice for putting together the magazine article. He solicited everybody's opinion of the aircraft and incorporated all that information into the finished piece. Be sure to check it out in an upcoming issue of our sister publication, Model Airplane News! ±





# September 10-12,2010 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
- ★ Pilot Reception Friday night
- Hangar BBQ Saturday night
- ★ Pilot Raffle
- ★ Night Flying

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

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

# Volts over the Victor Valley st Annual Electric Fest.

- **Electrics only**
- **AMA Sanctioned**
- \$25 landing fee includes lunch
- Foamy Death Match
- Night Flying
- Foamy Figure 8
- **Foamy Obstacle** coarse

Everyone is welcome at our First Everyone is welcome at our valley Annual voits Uver the victor valley Pilots, Spectators, Electric Fest, Comment of the Pilots, Land of the and venders. of fining and enjoy and venders. Johns out friends There inree days or mying, roamy There food and meet new friends. tood and weer new menas. The High Desert in the fall, perfect weather. Leser III line lan, her rect wearner.

Ely whatever you want as long as it's electric.

- Full RV hook ups at Hesperia Lake On site dry camping
- Food
  - Drinks
  - Awards
  - Raffle Prizes
  - **Charging Stations**
  - Available Saturday Night Dinner
  - Elec. Sail Planes
    - Welcome

### **Victor Valley RC Flyers**

The field address is 7000 Arrowhead Lake Rd, Hesperia, Ca 92345. Exit the 15 freeway at Main St. Hesperia and go east 9.5 miles. Main St. will turn right and become Arrowhead Lake Rd. Continue on, pass Hesperia Lake for half mile to the gate entrance.

Mike Stroup, 1 (760) 964-7259 Barry Young, 1 (760) 985-4577

Date: 8,9,10 October 2010

Email VP@vvrcf.org for preregistration

### **Snapshots from the PVMAC Flying Field August 2010**



Sunday Morning Gang



A Pretty Toledo Special

The Club Cessna has seen a lot of flights since being finished! See the 1 Page insert about the club!



Tim Flying the Cessna!

**#** 

Cessna Review will be published SOON!



The Ryan STA on a Gentle Fly-By







# 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	Recomended byDATE _		DATE		
Name		Spouse				
Address			City			
State	_ Zip Code	Email	Email		_Birthday	
Home Phone	e	Work	Ext	_ Mobile		
AMA#	NASA	USSMA	FCC/H	am	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						

Copy Distribution - White: Commander Yellow: Membership Chair Person Pink: Treasurer

Your information may be used in a Scale Squadron Membership Guide available only to paid members.



# Hobby People R www.hobbypeople.net

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Club Newsletter
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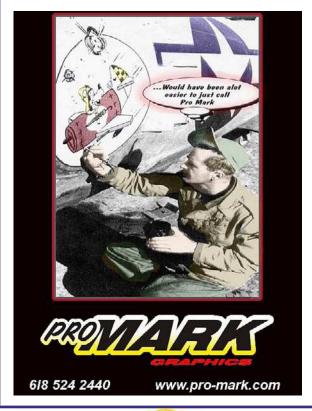


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## **Scale Squadron of Southern California**



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.

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, flight telemetry, multicylinder engines as well as high powered miniature jet turbines that burn real jet fuel. Today as scale modelers we pursue nearly

the confidence that not only will our project be successful, but that counterpart.

Many people from all walks of Squadron members delight in the club that embraces all facets of scale 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

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 Showand-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

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



every possible aviation subject with you're kit-bashing, volunteering at charity aviation events, or making molds from scratch for Scale Masters or AMA it may out perform that of its scale National Championship competition scale aircraft, Scale Squadron is a



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



Thank YOU for your

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

Founders of the U.S. Scale Masters Championships www.scalesquadron.com