



SCALE SQUADRON OF SOUTHERN CALIFORNIA

March 2011

RCX Expo

Your help is needed March 19-20, 2011

Free parking and entry to the event will be available. If you can display an airplane, drive up access to our booth can be done one hour before start of show on Saturday, or most of the day Friday. If you would like to help out, contact Mike Greenshields

MikeGreenshields@gmail.com



EVENTS & ACTIVITIES

March 19 - 20
RCX Show, CA
1/8th Air Force, Adobe Mtn,
AZ

March 20
Adam Gelbert's Giant Scale
Fly-In
Apollo 11 Field - Valley Flyers

April 1-3
Toledo Show Toledo, Ohio

April 8-10 - Hemet Model
Masters
USSMA Qualifier

April 16th - Gilman Springs
RC Flyers Dawn Patrol Fly-
In (WWI only)

June 4-5 Squadron Fly-In
Chino, CA

Orange County Youth Expo

Your help is needed April 8-10, 2011

If you can help out, please contact
Joni Whitsitt

RWWJO@aol.com

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



*FROM THE SPOTTER'S
VIEWPOINT*

MIKE GREENSHIELDS
SCALE SQUADRON
COMMANDER

THE SCALE SQUADRON
OF
SOUTHERN CALIFORNIA



MIKEGREENSHIELDS@GMAIL.COM

It's March! How'd that happen?!

Busy Busy Busy. We're three months in and a lot has already happened!

For those of you planning to fly at the OCMA field, you should have attended the safety meeting, got your sticker, etc. The leadership at OCMA looks pretty good this year. We have one of our own, Tim Cardin, involved over there and I can see he's serious about fun flying, protecting our field, and above all else, safety. Great job Tim!

Of course we had a great booth at the AMA Expo, and our exhibitions, as it turns out, are not ending there! We have a booth at RCX, and need 12 airplanes to have on display. Please contact me if you can display a plane and/or work the booth. Of course, there will be an aviation booth at the OC Fair (see Joni for details) and now... brand new info... In APRIL we are sponsoring a booth at the Youth EXPO (also located on OC Fairgrounds property) This booth happened because of the vision and perseverance of Joni Whitsitt. And unlike the OC Fair which is really a local sponsored

event only, the Youth Expo is supported by the AMA. Expect one of our District AVP's to be there, expect other clubs to support the effort through Joni's leadership, and expect to see LOTS of kids if you work the booth!

The Youth Expo is in April and Joni will cover it in more detail at the meeting.

If you're not going to RCX, maybe you're going to the 1/8th Air Force events, Gun Smoke Qualifier or the Fun Fly? If you are, please fly the Scale Squadron Banner (we can provide one!) and let our buddies in AZ know we said to "kick the tires and light the fires..."

For those of us that can't go in March, we'll see them in the Fall.

There are many events to go to this year! The one we've had this year I've liked the best so far, however, is the Annual BBQ. Tim Johnson did a spectacular job of selecting award recipients, handing them out, etc. The food was good (yes I LIKE BBQ!). The hangar looked great with its new extended wall and multi-media center and it was WARM too thanks to the heaters Sam rounded up. Thanks to the guys for donat-

ing the hangar use again. It is truly appreciated. We had some great prizes donated by Hobby People, Meister Scale, Bob Holman, and Pro Mark too. For those of you who didn't go, you missed a cool raffle worth over 1000 dollars! One of our prizes was a ride in the big yellow biplane, Yellow Peril! In a moment of true irony, Sam Wright won the plane ride. He generously donated this flight to our youngest member in attendance, Josh! Sam, it was a great gesture and we're looking forward to Josh getting in lots of flying this year full scale and modeling! A highlight for me was presenting Tim Johnson with a plaque recognizing his hard work in the Squadron. I would like to thank everyone who volunteered (YOU made it happen!), and thank you for everyone who attended. It was good to see each of you.

There's a lot to go over so please please please come to the meeting this month!

-Mike Greenshields
Commander



SCALE SQUADRON OF SOUTHERN CALIFORNIA



EAA Member pricing

Pre-book
Save \$26 on the walk-up price)

\$399

Walk-up
\$425

Non-member pricing

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(Save \$40 as an EAA Member)
\$439

Walk-up
\$465

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Ground Tours (veterans tour for free)
Ground Tours of the B-17 are available each day after mission flights are complete, and are free to all veterans as well as EAA members who join or renew on-site that day.

Family: \$15 per family (adults and children under 18)
Adults: \$5 (18 years +)
Students: \$5 (8-17 years)
Children under 8: Free (when accompanied by a paying adult)

Did you know?
Revenues from the B-17 tour help cover maintenance and operations costs for the aircraft and aid our ambition to "keep 'em flying" for many years to come.

Our flying, fully restored B-17 is coming to a town near you.

You'll have the opportunity of a lifetime to relive the legacy of the thousands who flew bombing missions during WWII.

Your flight experience aboard EAA's B-17 Aluminum Overcast is approximately 40 minutes. You'll have 24 minutes in-flight to walk around and take photos and video of this magnificent Warbird.

Stand in the footsteps of the bombardier, the navigator, and the waist gunner. Watch the pilots in action as they command this 65,000-lb. bomber. Experience how vulnerable and, most importantly, how brave these young men were fighting for the freedom we have today.

Upcoming tour stops:

April 1-3 - Phoenix, AZ (DVT)
Phoenix Deer Valley Airport

April 5-6 - Flagstaff, AZ (FLG)

Flagstaff Pulliam Airport

April 8-10 - Torrance, CA (TOA)
Zamperini Field Airport

April 12-13 - San Diego, CA (SEE)
Gillespie Field Airport

April 15-17 - Van Nuys, CA (VNY)
Van Nuys Airport

April 19-20 - Lancaster, CA (WJF)
General Wm J Fox Airfield

April 22-24 - Chino, CA (CNO)
Chino Airport

April 26-27 - Santa Maria, CA (SMX)
Santa Maria Public Airport

Visit our B-17 website for a complete spring schedule.

Reserve your spot online or call an EAA representative at 1-800-359-6217 today.

SCALE SQUADRON OF SOUTHERN CALIFORNIA



History: Polikarpov I-16

The prototype fighter plane that emerged from State Aircraft Factory No. 39 one morning in 1933 bore a curious designation on its fuselage: the letters VT boldly inscribed inside a red star. The red star was of course familiar as the symbol of the Bolshevik Revolution. But the VT stood for Vnutrennaya Tyur'ma, literally "internal prison," and indicated that the fighter had been built under strange circumstances indeed.

Located near Moscow, State Aircraft Factory No. 39 was in fact a Soviet penitentiary. Not only was the plane the product of convict labor, even more remarkable, the two inmates who designed it were among the nation's most talented aeronautical engineers. One was Dmitri Grigorovich, creator of the flying boats that had served the Czar's Navy in World War 1. The other was Nikolai Polikarpov, who had succeeded Igor Sikorsky in overseeing production of Ilya Muromets bombers at the Russo-Baltic Railcar Factory. Polikarpov had designed several highly successful craft, among them the omnipresent PO-2 biplane. But in 1927 dictator Joseph Stalin

had demanded a superior Russian-designed, Russian-built fighter for the Air Force. When two years had passed and neither Grigorovich nor Polikarpov had produced a serviceable fighter, both designers were clapped into prison and ordered to create under the unrelenting eye of the state.

Design work on the I-16 began during the summer of 1932 at the Central Aero and Hydrodynamic Institute. At this juncture Polikarpov was in the kind of straits that could only happen in the Soviet Union. His career which had entailed a swift ascent to the top post of the OSS (the department for experimental land plane construction), had taken a sudden downward plunge upon the occasion of his arrest during the 1929 purge. Instead of a firing squad or a gulag, however, Polikarpov and his design team were sentenced to an "internal prison," there to continue their work under the close supervision and scrutiny of the state. Evidently, his prosecutors judged him too vital to the future of Soviet military prowess to inflict the usual penalties of summary execu-

tion or slow death in a labor camp.

When the tiny I-16 flew for the first time in December 1933, it was far ahead of any other fighter design in the world, featuring retractable landing gear, a cantilever wing and variable pitch propeller. Although not among the best remembered aircraft of the thirties, it was nevertheless a very able and rugged machine and featured prominently in the events of the time.

When the Spanish Civil War broke out, almost 500 were put into service with the Republicans. The outstanding maneuverability, firepower and rate of climb, surprised the enemy leading to the opposition nickname of Rata (Rat) and the friendly name Mosca (Fly). Equipped with the Soviet 20 mm cannon it was the most powerful aircraft weapon in front line service with any nation on the eve of World War II. It had a very high rate of fire and was extremely reliable. Another batch of I-16s was purchased by China to fight the Japanese, again surprising the other side with excellent performance.

SCALE SQUADRON OF SOUTHERN CALIFORNIA

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*See our web site for rules and restrictions.

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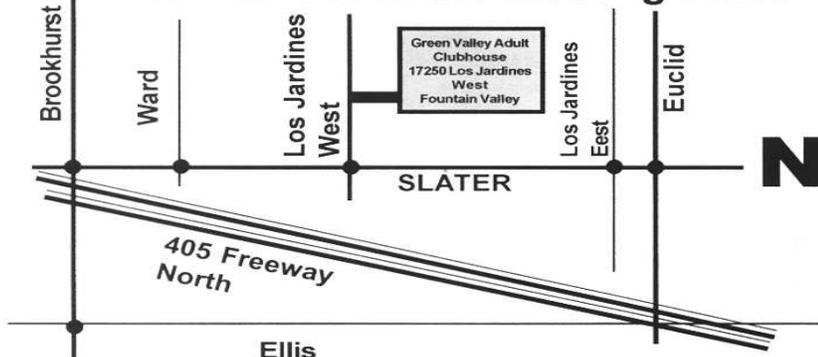
WHAT IS THIS AIRPLANE?



Can you identify this airplane? That is great, but don't tell your buddies. At the next general meeting we will give you a piece of paper for you to write your answer on. Your answer will go in to a drawing for the night of the meeting. In the past Hobby People have donated prizes for this drawing.

The next Squadron newsletter will contain detailed information about this airplane for your reading pleasure.

How to Get to the Meeting Place



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

March 14

2010

7:00 PM

Green Valley
Adult Clubhouse

17250 West Los Jardines
Fountain Valley, CA 92708

SCALE SQUADRON OF SOUTHERN CALIFORNIA



New member Tony Davis submitted this photo of his new Sopwith Pup



Rich Koehrer's latest project becomes a success!



Wolfgang Clemens on his second flight with a new ESM Fw-190.



Bob Richard's T-28 stretching its wings.



Tim Cardin's Staggerwing jumping to the sky on its second flight



Rick Durant maidens his new BH Models T-6

Photo Credits: Larry Wright, Don Aitken, Tim Johnson, Tony Davis

SCALE SQUADRON OF SOUTHERN CALIFORNIA

SCALE SQUADRON OF SOUTHERN CALIFORNIA
FOUNDERS OF THE US SCALE MASTERS CHAMPIONSHIPS

PRESENTS



SCALE FLY-IN
JUNE 4 & 5 2011 SATURDAY & SUNDAY

ALL SCALE OR STAND-OFF SCALE AIRCRAFT ARE INVITED!
NO TURBINE OR PROFILE AIRCRAFT - AMA SANCTIONED EVENT

LANDING FEE: \$25 PER PILOT

AWARDS & CATAGORIES

- 1ST-3RD PRESENTED FOR •BEST MILITARY • BEST CIVILIAN • PEOPLES'S CHOICE
- 1ST PLACE AWARDS PRESENTED FOR •BEST OF SHOW •BEST DETAILED ARF •BEST ELECTRIC PROP •BEST EDF JET •BEST REALISTIC FLIGHT PERFORMANCE • COMMANDER'S AWARD

- **SATURDAY NIGHT BANQUET & AUCTION** •
- FOR MORE INFORMATION VISIT OUR WEBSITE
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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 2nd 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 Replication. Like-minded visitors are always welcome. All members and visitors alike are encouraged to bring their latest scale models and projects!



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



**Thank
YOU
for your
hard Work!**



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

Larry Klingberg, World Famous, Award Winning 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

www.scalesquadron.com