

SCALE DIMENSION

The Official Newsletter of the Scale Squadron of Southern California
Founders of the U.S. Scale Masters Championships

JANUARY 2013 EDITION

WWW.SCALESQUADRON.COM



reviews. **The 2013 board is as follows:**

Mike Greenshields - Commander

Tim Cardin - Executive Officer

Joni Whittsit - Secretary

Gordon Truax - Treasurer

Chris Greenshields, Ed Woodson, Larry Wolfe - Board
Members at Large

and we have some other appointed positions as well:

Randy Wilbur - 2013 Fly-In CD and OCMA Delegate

Paul Lee - 2013 Webmaster

Sam Wright - Newsletter Editor

*Thank you for your efforts to help make this club
great in 2013!*

**(Scroll over any name or website in this
newsletter to go directly there)**

If you have questions for your new board members,
PLEASE feel free to contact them. Their emails are
listed in this newsletter.

The December meeting was a PARTY! Together with
wives and friends and one young future modeler, our
December Christmas Party took our little room to
capacity! We had a great dinner (Thank you to Pizza
D'Oro in Fountain Valley for making awesome lasa-
gna), awards, and give-aways (Thank You to Hobby
People for their support of our show-n-tell giveaway!).
I enjoyed meeting the wives and friends of our mem-
bers too. It was a memorable night! Please note that
we've listed some pics and details from the event on
our Scale Squadron Facebook page as well as link to
Pizza D'Oro if you'd like to give this long-time family
owned local restaurant a try!

We've got a lot going on in 2013. It's going to be
a fun year! I'm thankful all that Mayan 2012 stuff
proved untrue because we've got a LOT of modeling
to do this year!
Happy landings!

Mike Greenshields, Commander 2013

A Happy New Year to you all and your families. We
have a host of events for this year and I am hopeful
that you all will participate and enjoy our scale avia-
tion sport. The Scale Squadron board will be working
hard this year to keep all of these activities organized,
but your club needs YOU to volunteer. Over half of
our club volunteered for events this past year. Thank
you! Let's keep it up!

Our meetings are focused on modeling and feature not
only show-n-tell but include building tips, event cov-
erage, and industry insights. This is another example
of how 2012 Scale Squadron Members truly excelled.
More than 25 different people made over 70 presenta-
tions over the 11 regular meetings we had this year.
That means every meeting features at least 6 presenta-
tions and almost half of our club members participated
in these presentations!

Thank you everyone for your participation and your
commitment to sharing modeling tips, your latest proj-
ects, industry events, and bringing in special speakers.

At our November meeting, we elected the 2013 board
and made a mild change to the by-laws as well. The
updated by-laws are listed on the new website for your



SCALE SQUADRON MEETING

MONDAY JANUARY 14, 2013 7:00PM

Join Us for and enjoy true scale aircraft modelling at it's best. Informal meeting with focus on scale aircraft models of any size or power. Bring your project in plans, Partial construction or completed aircraft.

We enjoy seeing them all and sharing scale techniques.

Business is quick & painless, no politics! Coffee & Cookies at the break.

IT IS TIME TO RENEW OR JOIN THE SCALE SQUADRON FOR 2013
DUES ARE STILL ONLY \$30.00 & INCLUDES:

Membership Badge, Digital Online Newsletter & Annual Scale Squadron Party

Scale Squadron Black short sleeve dress shirts and Gray flying polo shirts with pockets are ready to re-order. See Mike Greenshields to place your order.

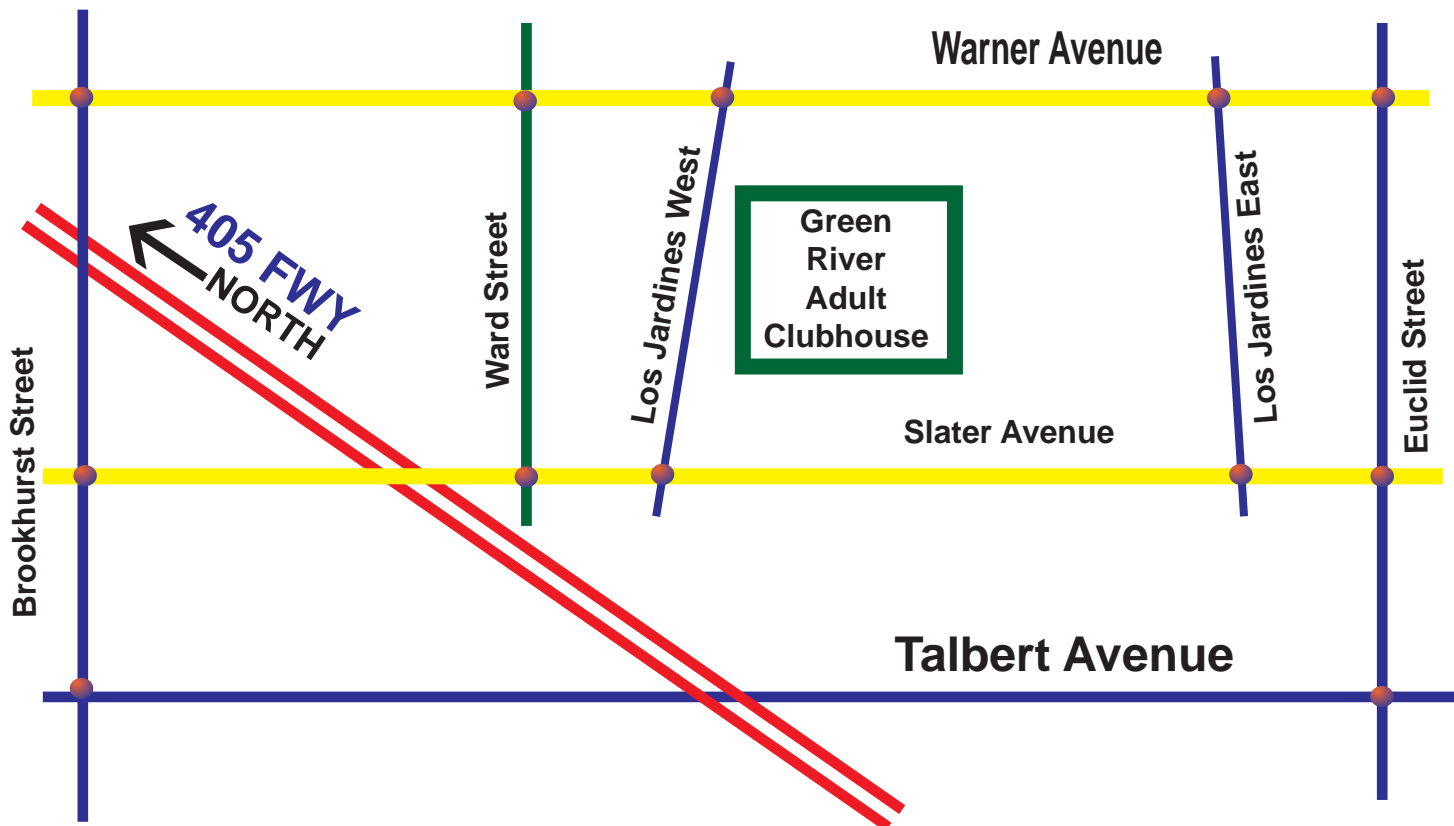
Black Button Down Dress Shirts are \$45.00

Gray Pocket Polo shirts \$20.00

Billed at time of delivery

Meeting Directions

17250 Los Jardines West - Fountain Valley, CA





CLUB MEMBER NEWS

★ New Products ★ Deals ★ Events ★ Coupons ★

JAN.
2013

Electronics

Super
Affordable!



Just
Arrived!

Brushless ESC, 6A, 2-3S Li-Po,
Speed Control for Aircraft

No. 118612, List \$15.80

Now Only \$9.99

Brushless ESC, 20A, 2-3S Li-Po,
Speed Control for Aircraft

No. 118614, List \$27.10

Now Only \$19.99

Brushless ESC, 30A, 2-3S Li-Po,
Speed Control for Aircraft

No. 118616, List \$33.90

Now Only \$24.99

3-Axis Programmable Flybarless
Controller for Helicopters

No. 118601, List \$150.00

Now Only \$89.99

SKYARTEC

Wasp Nano 3D



Check
It Out!



Ready To Fly 6-Chan. Flybarless Mini Heli

This is an aerobatic flybarless helicopter you can fly in your living room! Includes a FREE aluminum carry case and an advanced computer radio. Only 50 grams (less than 2 ounces!)

Specifications:

Length: 8.86in (225 mm)

Height: 3in (76 mm)

No. 171152

Reg. \$199.99

Now Only

179⁹⁹

**NOW
SAVE
\$20⁰⁰!**

**FREE
CASE!**



Come On Down and Check 'Em Out!

Hobby People® CLUB COUPON

**50%
OFF!**



Select Glow Plugs On Sale!



No. 115480 – HP 4 Stroke, Reg. 7.99 **3⁹⁹**

No. 115493 – R/C Long, Reg. 6.99 **3⁴⁹**

No. 115559 – #3 Comp., Reg. 6.99 **3⁴⁹**

No. 115568 – Std. Long, Reg. 6.99 **3⁴⁹**



January 1 through January 31, 2013

Retail store sales only, must present coupon at time of purchase for discount.

Cannot be combined with other offers.

- ☐ To be on our mailing list, please fill out the form below.
- ☐ I am already on your mailing list. You have my information.

Name: _____

Address: _____

City: _____

State: _____ Zip: _____

E-mail Address: _____

All information will be held strictly confidential.

We will not sell or share this information outside Hobby People.

Find A Store: 1-866-HOBBY4U

hobbypeople.net





OCMA Delegate Report

Happy New Years all. I can't believe it is 2013 already. Last year I flew at Black Starr a total of 0 times. I went out to the field a half a dozen times, Safety meeting, storage pick up, fly In flyer hang ups.... But not to fly. My New Years resolution is to do more actual flying this year.



OCMA is taking member dues at this time. You must have a 2013 badge in order to fly at the field, NO GRACE PERIOD. You will also need a 2013 AMA badge to complete the application. Black Starr is an AMA sanctioned field. The dues have not changed for the past several years. The dues are \$100.00 and that gets you a key and flying privileges any time of the week from sun up to sun down.

You can go to <http://www.flyocma.com> and download the Membership Application. This you can mail or bring it to the OCMA board meeting. The new mailing address is PO Box 7750 Laguna Niguel, CA 92607.

OCMA will be conducting safety meetings again this year, one week on a Saturday and the next week on a Sunday. These dates have not been set yet. I will get you these dates as soon as they come out.

I wish you all well and happy flying

Randy Wilbur

Scale Squadron OCMA Delegate.

Attention Scale Modelers!

Join the nation's largest group of Scale Aeromodelers.

NATIONAL ASSOCIATION OF SCALE AEROMODELERS

We are the AMA's Special Interest Group for Scale Aeromodeling.

CLICK HERE to find more about NASA today!

NASA is the official AMA Scale Special Interest Group (SIG) for scale aeromodeling. We work closely with the AMA and FAI to help propose, define and rework the entire scope of rules/regulations for scale competition. We also hosts the annual Academy of Model Aeronautics Scale National Championship (NATS).



If your interests don't run to competition, fear not! NASA membership is a treasure trove for scale modelers and documentation scholars. All scale modelers have a need for data on full-scale aircraft in order to document the authenticity of their creations. NASA has a Scale Data Source List that all new members receive upon joining.

Our bi-monthly newsletter, *the Replica*, contains modeling tips, contest reports, a schedule of upcoming events & contests, an open forum for all scale modelers, articles and 3-views of full-scale aircraft, books, information on museums, and a host of other articles & subjects.



We invite you visit our web site today (NASAscale.org) and see we have to offer. Membership dues are: \$20.00 (U.S.A.), \$25.00 (Canada), \$30.00 (International).



NASA Membership gives you:

- Covering Free-Flight, Control-Line, & Radio-Control
- Receive our bi-monthly newsletter - *the Replica*
- Access to our extensive website - NASAscale.org
- Downloadable Static and Flight Score Sheets
- Receive a copy of NASA's Scale Data Source List: a comprehensive list of documentation, companies and sources catering to all things scale.

National Association of Scale Aeromodelers
The Official AMA Scale Special Interest Group



SCALE SQUADRON OF SOUTHERN CALIFORNIA

7TH ANNUAL

SCALE FLY-IN

7, 8, 9 JUNE 2013, PRADO AIRPARK, CHINO, CA

“All Hail to Scale!”



Spectators Welcome! Free Admission!

\$30.00/Pilot Landing Fee, Includes Parking. No Hook-Ups Camping: **\$10.00.**

"Attention Pilots!"

- Scale Aircraft Only
- Free Pilots-Only Gas Card Giveaway
- Free Pilots-Only Giveaway Drawing
- Free Event T-Shirt for the First 75 Pilots (subject to size limitations)
- Current AMA Required
- 9 Awards Presented:
 - ★ Commander's Award
 - ★ Best Jet
 - ★ Best Biplane
 - ★ Best Military Prop
 - ★ Best WW-I
 - ★ Best Civilian
 - ★ Best Multi-Engine
 - ★ Best Detailed ARF
 - ★ People's Choice
- **NOTE:** No 3D Flying. No Turbines.

Schedule:

Friday: Registration starts at noon. Open flying with PVMAC club members.

Saturday: Registration starts at 7:30 a.m.. Pilots' meeting at 8:30. Noon-time demonstrations.

Saturday Night: Pilot's banquet—only \$20.00 per person for food, fun, and song! And the FAMOUS Squadron Hobby Auction!

Sunday: Flying starts at 8 a.m.. Awards at 10 a.m.. Event flying until 2 p.m..

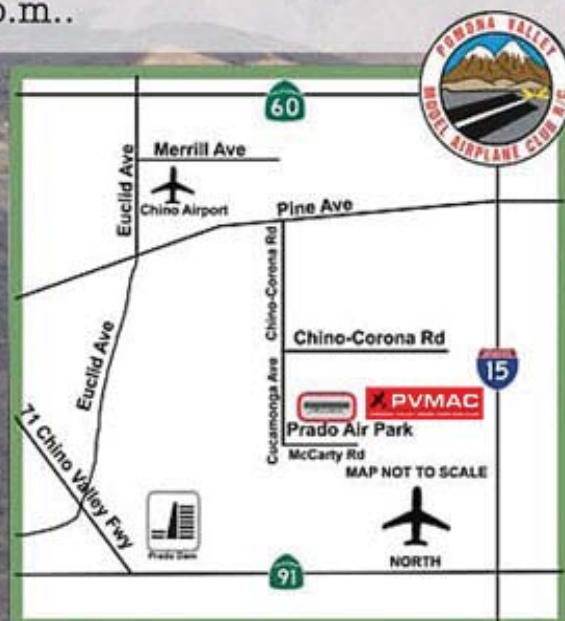
Food will be available on site for purchase

Details & Registration:
scalesquadron.com

Director: Randy Wilbur
(949) 683-9662
events@ScaleSquadron.com

SPONSORS:

Hobby People, Airtronics,
Horizon, Zap, Great Planes,
Goodwine Glass,
Gyro Hobbies



GUNSMOKE 2013

RADIO CONTROL SCALE MODEL AIRCRAFT CONTEST



MARCH 1, 2 & 3, 2013
SUPERSTITION AIR PARK, MESA, AZ

SCALE MASTERS QUALIFIER

Competition in five classes:

Expert, Team Scale, Advanced, Pro-Am Pro, Pro-Am Sportsman
AMA Sanction #13-0065

Friday: Static Judging - 10AM to 3PM

Sat & Sun: Flight rounds - 8:30AM to 3PM

Parking Fee \$6.00 per Vehicle

Food Concession available Sat & Sun

HOSTED BY:

ONE EIGHTH AIR FORCE

CD: Austin Goodwin ★ 480-215-5446 ★ N4351X@aol.com

Assist. CD: Mike Peck ★ 623-853-7630 ★ peckster1@msn.com

Commander: Howard Kennedy ★ 602-361-8475 ★ bushpilot1443@yahoo.com

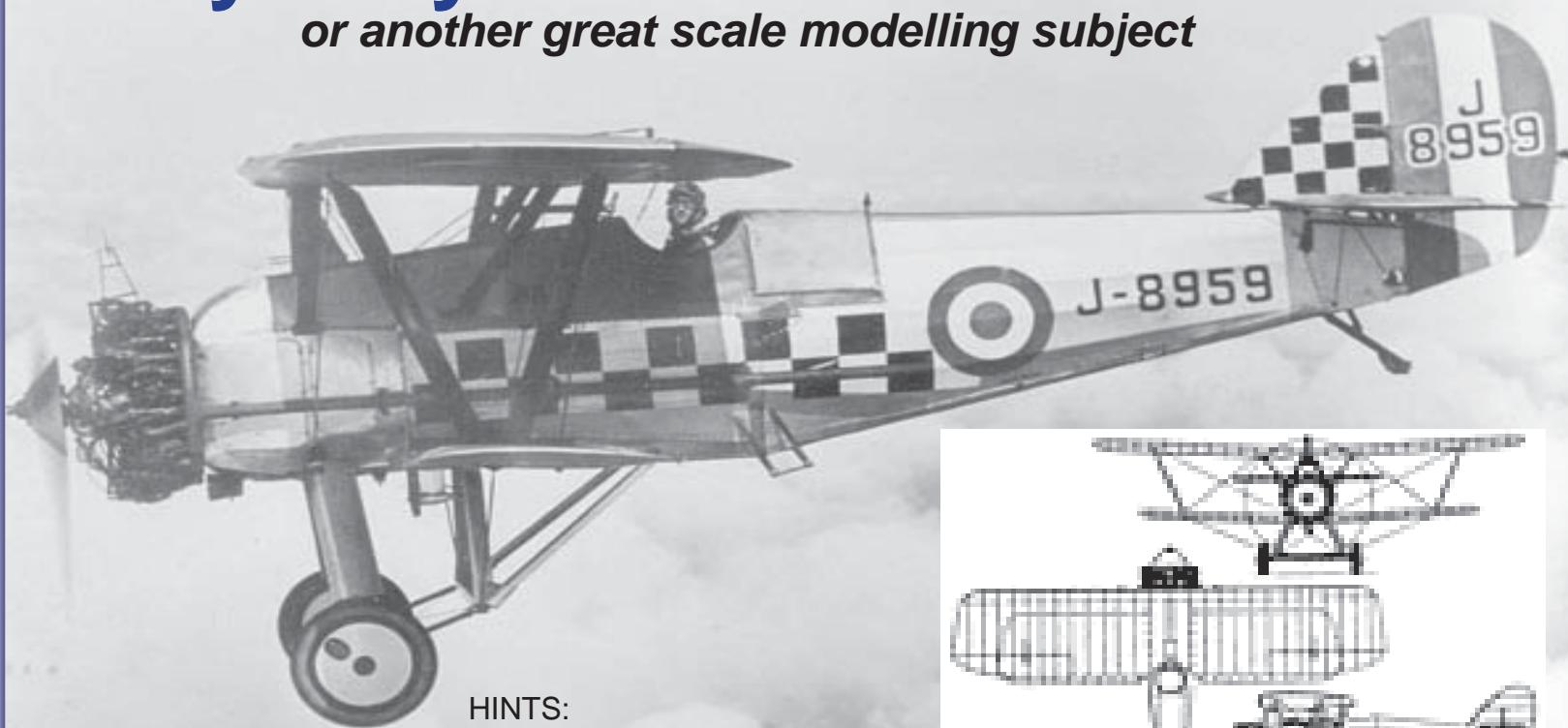
www.usscalemasters.org

www.oeaf.org

www.azmodelaviators.com

Mystery Plane of the Month

or another great scale modelling subject

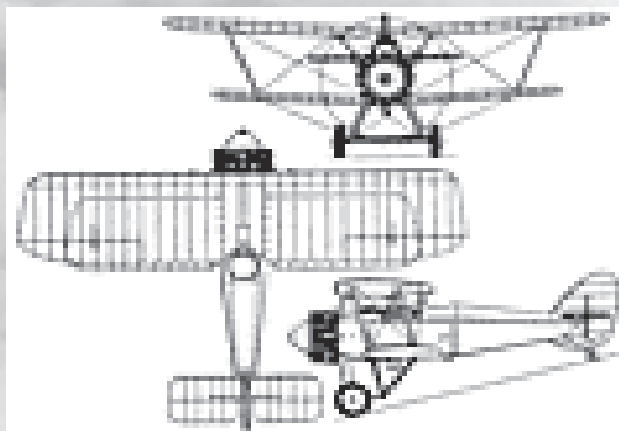


HINTS:

First Flight 1920

Top Speed 186 mph

Only 215 of this model were built



Looking Back - Squadron History

NOVEMBER 2006

Scale Squadron members in Arizona at the One Eighth Air Force's Scale Fly In.

A yearly pilgrimage for squadron members twice a year to this event. One in the fall in October and one in the Spring in the month of March.

Left to Right Standing:

Scott Rais, Gordon Truax, Larry Wright, Rich Koerher, Bob Richards.

Kneeling Left to Right:

Randy Wilbur and Sam Wright



These were wonderful trips for the Squadron to take to the One Eighth Air Force in Arizona with friendly flying and light competition highlighted with great bench flying in the evening, steak dinners and live music.

The March event is coming up, so don't miss it! Do whatever it takes to enjoy these events and the club

trailer is a great way to carpool and get there with all your tools and aircraft.

Squadron Photos From 2012



Tim Johnson back on his feet after shattering his left knee and extensive rebuild surgery. It was an overcast and chilly day at OCMA but Tim was firm about getting out to fly leg brace and with crutches. Great determination Tim, and good to have you back up and flying.



Tim Carden and his FW-190 built from a rare Jerry Ortega kit. Powered with an OS opposed 4-stroke twin with dual carbs. The color and markings are an authentic German winter scheme. Tim is the Squadron Executive Officer and president of OCMA

ONE EIGHTH AIR FORCE



www.oneeighthairforce.org



MARCH
23-24
2013

SPRING SCALE FLY-IN

FEATURING

SATURDAY NIGHT DINNER AT THE FIELD

OEAF'S UNIQUE AWARDS IN MANY CATEGORIES

ALL TYPES OF SCALE MODELS WELCOME

100db LIMIT

NO 3d FLYING



ARIZONA MODEL AVIATORS CLUB FIELD

LOCATED IN USURY PARK NEAR APACHE JUNCTION

1/2 MILE NORTH OF BROWN RD. ON MERIDIAN RD.

MCKELLIPS						
				X		
BROWN	SOSSAMAN	ELLSWORTH	CRISMON	SIGNAL BUTTE	MERIDIAN	IRONWOOD
UNIVERSITY						
APACHE TRAIL						
BROADWAY						

US 60 / SUPERSTITION FREEWAY

DRY CAMPING AVAILABLE 1/2 MILE FROM AIRPARK

REGISTRATION STARTS SATURDAY AT 0730 HRS

\$20 PER PILOT REGISTRATION FEE

AMA REQUIRED

AMA SANCTION #13-0303



CD JOHN MANGINO 480-980-1386
manginoaz@cox.net

COMMANDER HOWARD KENNEDY 602-361-8475
bushpilot1443@yahoo.com

2013 Dates Coming UP Soon!



Friday January 11 through Sunday January 13th,
2013

Ontario Convention Center - Ontario, California

Click on the link: <http://amaexpo.com/info>

DAWN PATROL Saturday February 23, 2013

OCMA Field - Irvine Lake Park

Click on Link: info@dawnpatrolnationalsl.com

RADIO CONTROL SCALE MODEL AIRCRAFT CONTEST



GUNSMOKE Scale Masters Championships Qualifier

MARCH 1-3, 2013 - Superstition Air Park - Mesa, Arizona

Hosted by the One Eighth Air Force

Click on Link: <http://www.oeaf.org/smf/index.php>

HEMET Scale Masters Championship Qualifier

FRIDAY APRIL 19-21, 2013

Hemet Model Masters Airpark - Hemet, California

Curtis Kitteringham, CD. 760-746-5913. cak11@cox.net

Click on Link: <http://www.hemetmodelmasters.org>

WATCH HERE FOR MORE UPCOMING SCALE EVENT DATES



Editor Comments

Well, He's back....just to help out for a while unless I like it too much....Our good buddy Tim Johnson is getting back into the work routine and getting around pretty good considering the extent of his shattered knee injury. Get well Tim, we have a lot of flying to do this year.

One complaint Tim had was no input from the members for the newsletter, and I can only agree with him as I have experienced it too as past editor.

All of our past editors since the beginning with the first editor Jimmy, followed by Pete Sepulveda, My-

self for a long time, then Jan Savage, Joni Whitsett, and me again for the last 12 years. Then a breath of new energy with Tim Johnson...and me again! Yep, no one sends anything in and if you accumulated all the input from the membership through the years, you might get one complete newsletter. Not an uncommon problem for club editors, but one that can be remedied easily with emails.

On that note, I look forward to any scale tips, scale event coverage, photos of your projects and scale stuff in general of interest. Send it in and we will gladly add it to the Scale Dimension.

One note is the Powers Team guys posted a nice spread on their website about the last Squadron Scale Fly In. You can view it by clicking here: <http://tpsca.com/forums/index.php?topic=215.0>

Also the 2013 Scale masters Championship Competition Guide is up on the USSMA Site now and you can download it. <http://www.usscalemasters.org/forumsmf2/index.php?action=tpmod;dl=item111>

Rick Powers did a nice job of showing the spirit of our 6th Annual Scale Fly-In. We thank you Rick and the entire Powers Team for your continued support.

You may have noticed in this newsletter I have noted many times click on the link. That means just that. Clicking on any link or name will take you to that website or that person's email. This just another way to make your newsletter in a digital format more usable.

Club Trailer:

Our club trailer is stored safely at McBride's RV storage area off Euclid in Chino near our hangar.

The trailer belongs to the Scale Squadron and for members use to go to events to haul aircraft models. For those that would like to use the trailer, you should know the trailer weight is 1800 lbs empty, and is 14' long with dual torsion bar axles and new tires. It also has electric brakes and they work great if you have the adapter in your vehicle. This saves a ton of wear on your vehicle's brakes. The hitch is a 2.75" ball and the plug is the larger Round 6 pin version and not the horizontal type.

We do plan to go to the Arizona Electric Festival in Mesa, Arizona, and the March Spring One Eighth Scale Fly-In. Let me know now so we can save room for you. There are racks for aircraft in the trailer. Any member can use the trailer and all you need to do is let Commander Mike Greenshields know the dates. We will help you to get hooked up safely.

I hope to see you all at the meeting and of course at the AMA Expo this coming weekend.

Sam



Why We Build Scale Models

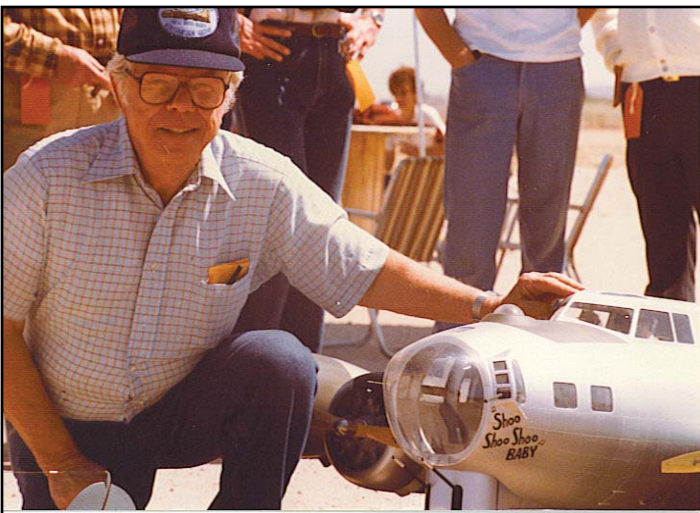
Story by Kent Walter's 1/8th Scale B17G Project & the Passion and History that motivated him



**Kent & his
1/8th Scale
B17G Shoo
Shoo Baby**

As I understand it, there are only three B-17s that survive today that actually fought in combat. One is an early model B-17D named the "Swoose", the Memphis Bell as a B-17F model, and then «Shoo Shoo Shoo Baby» as a B-17G (that I copied for my model) that was produced in the greatest quantities. All the other B-17s that still exist were never flown into actual combat as a result of their late arrival from the factories as the war was ending. Further information on this subject is found at several web links including the following: [http://en.wikipedia.org/wiki/Shoo_Shoo_Baby_\(aircraft\)](http://en.wikipedia.org/wiki/Shoo_Shoo_Baby_(aircraft)) The specific B-17G that I scratch built in 1/8 scale (13 foot wingspan) originally came off the assembly line in January 1944 from the Boeing factory in Seattle and was delivered to the 401st Bomb Squadron, 91st Bomb Group in March of 1944 located in Bassingbourn England. It flew 24 missions where it was last flown into combat on May 29, 1944 when it started losing engine power on two engines. The crew completed their bombing mission, but they quickly realized they could not make it back to England. As a result, they managed to fly to neutral Sweden where the plane and crew were interned until December 1944 in exchange for the aircraft. The airplane was later used after the war for civilian use over an extended 16 year period. It was eventually found as a derelict at a small airport in France and was «gifted» to the US in 1971. It was taken apart and returned

to the USA and sat in crates until 1978 when a lengthy restoration began at Dover AFB. It was then placed in the Air Force Museum at Wright Patterson AFB. Due to the amount of skin work required to restore its wartime appearance, it was painted in olive drab (upper colors) and gray (lower colors) instead of bare-metal as it originally was during the war. The markings and nose art were restored to their original appearance. Note: The factory stopped painting B-17 bombers with their camouflage colors starting in January 1944 to save time, expense, and weight since it served no real purpose in hiding such aircraft in large formations (not to mention the conspicuous high-altitude contrails). I managed to build this large radio controlled model B-17 over a period of 5 years (1979 to 1984). It also included all the simulated panel lines and rivets to help the appearance in recreating a bare metal skin aircraft along with correct markings and nose art (per the original photos taken during WW-2). The nose art included the name "Shoo Shoo Shoo Baby" from a popular tune during WW-2 recorded by the Andrews Sisters on the Decca label. The nose art included a nice looking pin-up that I also eventually painted on the nose! After completing most of this project, one of our members in the One Eighth Air Force (Bob Sorter) said he worked with a man at Salt River Project that flew a B-17 in the war with that same name of Shoo Shoo Shoo Baby on the nose. However I knew there were at least three such B-17s that had used that same name during the war but only one with the unique pin-up art work also included on the nose. Further research on this same B-17 still being restored at Dover AFB quickly revealed this man (Robert J. Guenther) was indeed the last pilot that had flown this particular B-17 into combat on May 29, 1944 as described above. The more astonishing thing was that he lived only 3 blocks from me in Scottsdale! The last attachment is of Robert Guenther kneeling by my model (I believe about 1985) at one of our OEAF meets at Cave Buttes. Considering there were over 10,000 B-17s built during the war and only three remaining that fought in combat, it is a small world sometimes! It was certainly a pleasure meeting him and being able to show him this large radio control B-17G model that was a replica in all respects of outward appearance to the aircraft he had flown 40 years earlier at the time we met. In one respect, it was more accurate than the full-size restoration since they elected to paint it in camouflage colors typical of earlier B-17 aircraft during the war. After flying this very large B-17G model, it now hangs from my hobby room ceiling as also portrayed in a couple of the attached photos.



Bob J. Guenther (1985) The last pilot in 1945 to fly the full size of Kent's B17G model. 40 years before Kent's build!



Kent's B17G in flight and now hanging in his shop for memories. What a wonderful piece of history.