



SCALE DIMENSIONS

THE OFFICIAL NEWSLETTER OF THE SCALE SQUADRON OF SOUTHERN CALIFORNIA

AMA CHARTER 1520 - EST 1977

SCALESQUADRON.COM

January 2016



R/C AVIATOR
PHOTO BY: TIM JOHNSON

Formation practice for the up coming
Winter Warbirds event in Arizona

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Editors Note

By: Tim Johnson

Happy New year! What an amazing year 2015 was. So many wonderful events, meeting new friends, and a ton of flying. With a new year comes new and fresh things, everything from newsletters to the products we enjoy. This year I've spent a ton of time to revamp our newsletter and bring it up a few notches. With the introduction of "Tips from the Bench" I hope you look forward to all sorts of building tips from your fellow members and abroad. For this month, I've started with scale pilot sizes. Nothing looks worse than a mismatched pilot.

This is your chance to archive your awesome building secrets for future generations of Scale Squadron members to learn from. We have a great amount of talent within the Scale Squadron, so this should be easy for you to help out your club. I personally look forward to 2016, with many opportunities to fly and enjoy my model aviation buddies across the country.

I hope to see you at the meetings and out at the field.

-Tim Johnson

Commanders Note From The Bench

By: Sam Wright

Welcome to the New Year and a year of scale activities to enjoy including two of the Scale Squadron's own events.

It will take some time to write or type 2016 on anything you sign or do, but it is something we have to get used to.

Personally, I think we will have an unbelievable year as a group. I base that on what we have accomplished over the last 6-7 years! Our philosophy and the development of emulating the Scale Squadron members banded together and focus on Scale modeling of our up to a higher standard resulting proud of every member and glad the club that had not 1, but 5 Scale the prestigious Top Gun Invitational to be higher for 2016! That is a huge

"Squadron members competing at the prestigious Top Gun Invitational in 2015"

We previously faced a division in the club a competing scale club seemingly The spirit of the Scale Squadron with better planning & more aircraft, we have built the group in recognition and prestige. I am I was on board with you. We are Squadron members competing at in 2015, and so far the count is going achievement for our squadron members.



Phil and Shaun warming up for a flight at flyocma.com field



A typical Sunday with the Squadron at our home field.



Frank Migliaccio's Fw190 on final for one of his greese job landings.

Commanders Note From The Bench Cont'd

Most will be reading this at the AMA Expo or while we are there with our squadron booth. Our sole purpose is to focus on scale aircraft and encourage those of like interest to join us. This is also a premier opportunity for us to promote the RCX Expo Battle of the Builders, and our Warbirds and Classics event.

We are not running a raffle or selling anything or playing any videos, just good conversation with those interested in scale aircraft and you and I know that is a passion and not hard to do if you love the subject..

My building and hands on flying has slowed down due to our workload, but I was promised there was a light at the end of the tunnel. My shop is littered with at least three finished and I am anxious to get them into the air. I hope the New Year re-energizes your love of model aviation and gets you motivated to get something into the air. It is so easy to find an excuse and becomes commonplace. Don't succumb to those feelings and instead get back out to the shop or the field to stay in the loop. Seeing others in the air is a great form of encouragement.

Not to dwell on physical fitness, but sitting around develops low energy and it becomes harder to stay motivated. Get some exercise and get those endorphins working for you in the energy department. A lot of our members are retired and while you worked hard to get there, don't just cave in and let days roll by without some involvement in scale aircraft modeling.... You guys know who you are and we are going to stay on you all to join us in the fun, travel to events and building. Someday when I am in that position, I hope some scale modeling youngster kicks me in the butt to get me back in the shop. For the near future he is out of a job and that is a long way off for me with still too many planes on my bucket list to build....

Happy New Year and many more aircraft plans to look over,

- Sam

**“your love of
model aviation
and gets you
motivated to get
something into
the air”**

2015 Photo Retrospect

Photos By: Tim Johnson and Don Aitken



David Morales enjoying his new home field in SoCal with his P-40.



Wings West demonstrated their amazing fiber-glass system on a model at one of our monthly meetings.



Tim Cardin and his Bobcat in “static” at Top Gun, w/ Phil watching and wait for his turn.



Even Joe Bok came out to hang out with Sam Wright at the Warbirds and Classics



Tim Cardin and Kenny Thornton at the Scale Squadron Warbirds and Classics.



Mike Greenshields presenting Larry Wolfe an award at the Squadron Warbirds and Classics.



The “Vegas Crew” enjoyed our field at the Squadron Warbirds and Classics. These guys arrived prepared for flight time!



Scale Tips From the Bench

Pilot Size Chart

1 : 1 Full Size Person Height			Scale Size Pilot in Inches									
			1/3	1/3.5	1/4	1/4.5	1/5	1/5.3	1/5.5	1/6	1/6.5	
Ft.	In.	Foot Decimal Equiv.	4.000	3.428	3.000	2.660	2.400	2.250	2.180	2.000	1.840	= 1 ft.
6	0	6.00	24.00	20.57	18.00	15.96	14.40	13.50	13.08	12.00	11.04	
5	11	5.91	23.64	20.26	17.73	15.72	14.18	13.30	12.88	11.82	10.87	
5	10	5.82	23.28	19.95	17.46	15.48	13.97	13.10	12.69	11.64	10.71	
5	9	5.75	23.00	19.71	17.25	15.30	13.80	12.94	12.54	11.50	10.58	
5	8	5.66	22.64	19.40	16.98	15.06	13.58	12.74	12.34	11.32	10.41	
5	7	5.58	22.32	19.13	16.74	14.84	13.39	12.56	12.16	11.16	10.27	
5	6	5.50	22.00	18.85	16.50	14.63	13.20	12.38	11.99	11.00	10.12	
5	5	5.41	21.64	18.55	16.23	14.39	12.98	12.17	11.79	10.82	9.95	
5	4	5.33	21.32	18.27	15.99	14.18	12.79	11.99	11.62	10.66	9.81	
5	3	5.25	21.00	18.00	15.75	13.97	12.60	11.81	11.45	10.50	9.66	
5	2	5.16	20.64	17.69	15.48	13.73	12.38	11.61	11.25	10.32	9.49	
5	1	5.08	20.32	17.41	15.24	13.51	12.19	11.43	11.07	10.16	9.35	
5	0	5.00	20.00	17.14	15.00	13.30	12.00	11.25	10.90	10.00	9.20	

Calendar of Events



Photo by: Don Aitken

Mike Greenshields Jenny at the Scale Squadron Warbirds and Classics annual event at the flyocma.com field.

JANUARY 2016

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4	5	6	7	8 AMA Expo at the Ontario Convention Center	9 AMA Expo at the Ontario Convention Center
10 AMA Expo at the Ontario Convention Center	11	12	13	14	15 4th annual WINTER WARBIRDS, Sun Valley R/C Flyers air field, Phoenix, AZ	16 DESERT WARBIRDS FUN FLY, Coachella Valley RC Club 4th annual WINTER WARBIRDS, Sun Valley R/C Flyers air field, Phoenix, AZ
17 4th annual WINTER WARBIRDS, Sun Valley R/C Flyers air field, Phoenix, AZ	18	19	20	21	22	23 Hemet Model Masters Annual Swap Meet
24	25	26	27	28	29	30
31						

Squadron Christmas Party Photos



As back up, Tim Johnson thought "selfies" would be fun as back up photos.



As you can see, the concept worked very well.



Never mind Ted, he isn't as confused as he looks, just surprised.



In some cases the food was so good, no one wanted to be bothered by my "selfies". HA-HA



Don't put your fork down or anything. HA! Smiles from all, our party was fun filled!



The Squadron parties are always upbeat and gives everyone a chance to bench fly.



MASKING

Because they always did it - right?

Club
Newsletter
NEWS
January
2016

HAPPY NEW YEAR
2016

Thank You For Your Patronage during 2015!

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- Pasadena
- San Diego

- Las Vegas North

- Lake Forest

- Camarillo
- Orange
- Redlands
- Santa Clarita

- Las Vegas East



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Price, specs, and availability may change without notice.
December 2015 Club Newsletter Ad from Hobby People.



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 _____

Address _____ City _____

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 ☐

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.

BOARD OF DIRECTORS

COMMANDER - Sam Wright
EXECUTIVE OFFICER - Mike Greenshields
TREASURER - Tim Cardin
SECRETARY - Ed Woodson
SAFETY OFFICER - Larry Wolfe
BOARD MEMBERS - Scott White
- GORDON TRUAX

WEBSITE

WEBMASTER - Paul Lee

OCMA REPRESENTATIVES

PRIMARY DELEGATE - Ed Woodson
BACK UP DELEGATE -

NEWSLETTER

EDITOR - Tim Johnson

SQUADRON INFORMATION

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Fountain Valley, California 92728

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ABOUT THE SCALE SQUADRON

Scale Modeling is the accurate recreation of aircraft in aviation, from the early biplanes to the latest jets of the 21st century. Whether it's built from scratch, a kit or an ARF, scale modeling strives to recreate the airplane as historically accurate as possible. Paint schemes, rivets, windshield glass, and even pilots are faithfully painted and built to exacting specifications. The end result is a flying recreation of the original full size airplane.

Our members all have one common goal - to share their knowledge of aviation, aviation history, and scale modeling.

Our monthly meetings are open to everyone, and often feature "how to" seminars on building and flying model aircraft.

Each year the Scale Squadron hosts and participates in numerous events, with the overall goal of bringing

together modeling enthusiasts from all over the world. Events our members historically and perpetually attend are:

Top Gun
U.S. Scale Masters
Warbirds Over The Rockies
Arizona Electric Festival
Best In The West Jet Rally
One Eighth Air Force Fly-in
Battle of the Builders

The Scale Squadron also hosts their own annual event known as The Scale Squadron Warbirds and Classics. This year will be the 8th year running of the Squadron event.

The Scale Squadron dates back to the early 70's. Harris Lee, Bert Baker and Bob Olson were the original founders of the Scale Squadron and Members of the Orange Coast RIC Club. Their interest in scale modeling brought them together

regularly at Lee's home. The word soon got out and their numbers quickly grew to over 25.

Scale modeling became the hottest new interest within the R/C community. The first official scale modeling club was formed in 1973 with events held at Mile Square Park. Scale modeling was in its infancy yet immensely popular as attested to by the large participation at each of their events.

Harris Lee devised a plan for sanctioning a series of local qualifiers around the country and then having a fly-off to determine the national champion. Out of this idea the U.S. Scale Masters was started and is the premier scale competition in the country today. Pat Potaga, of Scale R/C. Modeler Magazine, helped to put this program on the map. His articles and front-page color photos helped fuel the fire of scale modeling.

The modeling world owes these visionaries a debt of gratitude. Thank you Bert Baker, Bob Olson, Jerry Ortega with special thanks to Harris Lee.

**MONDAY
JAN 11, 2016
7:00 PM**

Show & Tell is for our members to show their scale aircraft project in any stage from plans, or framed up to a completed model. Scale ARFs or full bore scale models are welcome.

Visitors are always welcome.

