



Scale Squadron of Southern California

SCALE DIMENSION

Get Ready for the Un-Contest November 8 at OCMA!



Check Out Tim's FW Build Article. He moves fast!

SCALE SQUADRON

UN-CONTEST SCALE FUN FLY

SATURDAY NOVEMBER 8, 2025

A DAY OF SCORED SCALE FLYING,
FLIGHT AND JUDGE COACHING, FUN AND FOOD



-Registration Opens 8am

-AMA Sanctioned Event

-Scale Models Only

-Seminar at 9:30, 1st Round start at 10am

-Orange County Modelers Association
5305 Santiago Canyon Rd
Silverado, CA 92676
Follow Blue Diamond / Haul Road to the end.
Field GPS Coordinates:
33deg 46'18.07 N, 117 deg 41'52.79 W



OCMA rules apply - Fire extinguishers in the pits required, No Turbines, No Spilling fuel, No Smoke, No Open Flame. AMA and FAA Required

-Scale Competition Flying and Scoring Seminar

-Scale Flying/Scoring Rounds

-Fly and Score 3 rounds of a 6 maneuvers - fixed flight routine for fun!

*Entry Fee: 10 dollars *Lunch is Provided. *Everything needed for seminar and rounds will be provided. Just bring your scale model and have some fun!

For more information: www.scalesquadron.com

CD and Club Commander Mike Greenshields

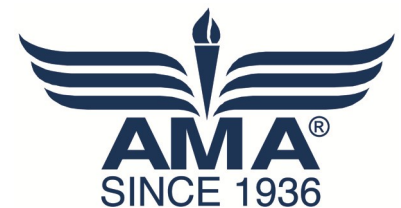
Contact Us: commander@scalesquadron.com

Old-school "Fun Fly Competition" meets "Scale Squadron Un-Contest."

OCMA PARTICIPATING CLUB

FOUNDERS/SUPPORTS US SCALE MASTERS

AMA CHARTER CLUB 1520





Commander's Message

Squadron Members, Friends, Family

Can't believe the year has gone by so quickly but I think we're going to finish strong!

Tim C submitted a nice build article on his new BIG FW.

Our friends at Scale Masters just completed their National event. Brad Osbourne has won again with his PT-19. CONGRATS!

Our UN_CONTEST is scheduled for Nov 8. The flight routine is published. The Sanction is approved. We truly hope you can come out and have a fantastic day. Hone your skills, learn new skills. Just bring a plane and fly!

The Christmas Party is Dec 8! Should be a good time. RSVP with Joni or me.

Lastly, the OCMA Toy Drive is Dec 6! It's for the kids!

Happy Thanksgiving, Merry Christmas, and Happy New Year!

See you at the next meeting Nov 10,



Event Schedule

Squadron OCMA UnContest—Nov 8, 2025

Squadron Nov Meeting—Nov 10, 2025

Voting in 2026 Board

OCMA Toy Drive—Dec 6

Squadron Christmas Party—Dec 8

2025 Squadron Board of Directors

Mike Greenshields—Commander

Randy Wilbur—Exec Officer

Tim Cardin—Treasurer

Joni Whitsitt—Secretary

Board Members At Large—

Joe Trama

Ed McCormick

Larry Wolfe

Contact: commander@scalesquadron.com

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Flight Scoring

SCALE SQUADARON UN-CONTEST

NAME: _____

AIRCRAFT: _____

☐ Aerobatic ☐ Non-Aerobatic

Maneuvers (All same direction as takeoff!)

	Name:		Name:		Name:		Name:		Name:	
	Round: 6		Round: 5		Round: 4		Round: 3		Round: 2	
	Judge:	Feedback Symbol™	Judge:	Feedback Symbol™	Judge:	Feedback Symbol™	Judge:	Feedback Symbol™	Judge:	Feedback Symbol™
1	TAKEOFF									
2	FLY BY									
3	2 - 360 DEG. TURNS									
4	LOOP									
5	LANDING									
6	FLIGHT REALISM									
Total:										

Maneuvers 1 through 9: Precision, Placement, Realism (5, 2.5, 2.5)
For Flight Realism: Continuity, Options, Power Mgmt (2.5, 5, 2.5)
For Multi-engine, score entirely for Mechanical Content, and reliability in flight.



Feedback Symbol Key:

+ Too Much Angle

- Not Enough Angle

Entry Altitude = exit

Feedback Symbols are used to point out the major source of downgrade. There could be other items that add to the score.

Too High

Too Low

X Off Center

Jerky, not smooth

Heading Off

Symmetry

EVENTS & ANNOUNCEMENTS — AMA DISTRICT X—MAIL BY NOV 7 2025 !!

ANNOUNCEMENT—GREG STONE FOR NATIONAL OFFICER—PRESIDENT

Our current District 10 Vice-President, Greg Stone is on the upcoming ballot for AMA President 2026. The voting ballots will come out late August and early September. Greg is asking for your vote. Don't forget to vote, we need more leaders like Greg Stone who has given our club the support we needed. Now is the time to vote for Greg!!

Joni Whitsitt

Note: When I first came to California in 1984 Rich Hanson was District 10 VP who lived in Arizona, but he always took the time to visit the Squadron at meetings or events when he was in town. Greg has sorta followed in Rich's footsteps. In the 80's I met Greg Stone when he was President of OCRCC. I have a lot of respect for Greg's leadership. He has always been a supporter of whatever venture I have done in model aviation.

A yellow rectangular banner with blue and black text. On the left is a small photo of Greg Stone, a man with glasses wearing a red polo shirt. To the right of the photo is a large black square containing a white checkmark. The text reads: "AMA ELECTION BALLOT" at the top, "GREG STONE" in large letters in the middle, and "FOR NATIONAL OFFICER - PRESIDENT" at the bottom.

AMA ELECTION BALLOT

GREG STONE

FOR NATIONAL OFFICER - PRESIDENT

MESSAGE FROM GREG:

Greg Stone for AMA President – A Vision for the Future of Model Aviation

I'm running with a clear mission: to preserve our legacy, strengthen our community, and lead AMA into a dynamic and sustainable future.

OCTOBER CLUB MEETING SHOW-N-TELL



We had a nice October meeting. Randy and Joni have been charged with selling the rest of Sam Wright's Hobby Collection. They brought books and scale documentation to the meeting. They also setup a booth and sold some items at the OCMA swap meet.

Joe brought some home made molds he used to make repairs to a model no longer in production.

Tim C brought his FW. The construction/assembly article is really interesting. THANKS TIM!

Eric has made progress on his Pirate Ship. We're looking forward to seeing it fly.

Jaime brought in his new SE-5a. He said he got quite the deal on Tower's scratch and dent sale. You might want to check it out for deals!

www.Towerhobbies.com



TIM CARDIN'S TOP RC FW-190 BUILD—SUBMITTED OCT 2, 2025



As most of you know, it's been a whirlwind of surgeries for me. When I got home with my other new hip I knew what was in store for me recovering. I decided to treat myself to a special project and ordered a Top RC FW190, Gear (Gator-RC), UMS 125cc 5Cyl Radial (CH-Ignitions) for power and a lot of other goodies. This also provided motivation to get up and walk as well as inspire my love of the hobby which has begrudgingly taken a back seat to my health.

I have to say the model came in a serious box and I do mean serious! It was packed incredibly well and arrived quickly. Surgery 7-28, ordered on 7-30, engine arrived on 8-10, model arrived on 8-11, I was just able to get it in the house and onto the patio where I was spending most of my time. Great incentive!

I must say I am completely impressed with the quality of the airplane; it's unlike anything I've ever had. It came with an instruction pamphlet. Glue the hinges, mount the gear install your servos, set the throws and the CG is here. Short and sweet, couldn't be easier, right? Turns out, even as completely built as it came there's a wealth of untold to figure out. No worries, this is exactly what I was looking for.

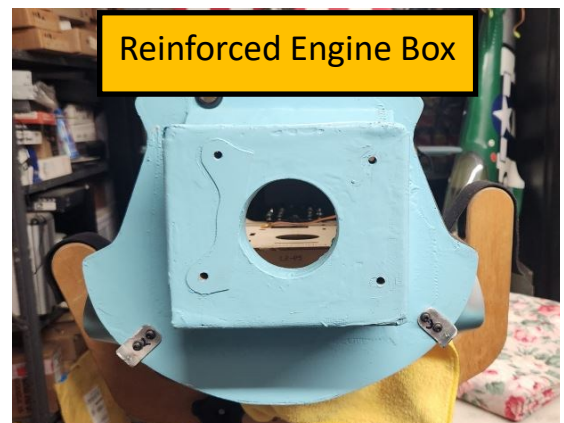
This is a top notch project and I'm really enjoying the experience. One of the projects within the project is to install every bit of Telemetry afforded by my FrSky radio and there's a lot! An Advance Engine Suite (AES II Module for engine based telemetry and function) Ranging from Cylinder Temps (7 total), RPM up to 4 engines, BEC for two ignitions it even controls a metering device that will measure how much fuel you're using, verbal call outs make all this information available on demand by flipping a switch,



It's a BIG BOX!!



A Pile of Sensors!



Reinforced Engine Box

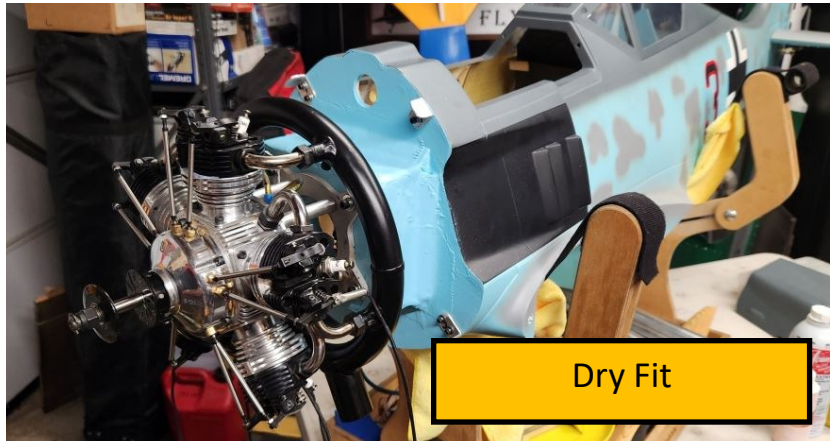
TIM CARDIN'S TOP RC FW-190 BUILD—SUBMITTED OCT 2, 2025

pressing a button or setting a threshold. That's just the engine suite. I've mounted it and the LG controller shown in a picture. But Wait! There's more! There also an Altimeter, Vertical Airspeed, GPS and even a true airspeed sensor with Pitot tube.

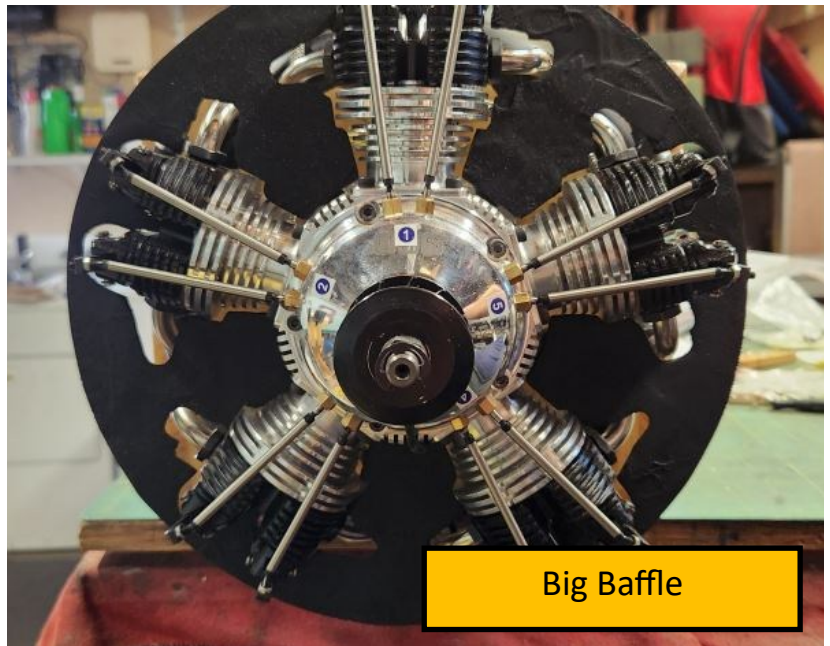
I'm sure I missed something. It's been very interesting (frustrating) as learning to speak FrSky is not a downstream project and has become the project within project. The radio is very impressive and the more I find out how to do, the more feature rich the radio becomes. Did I mention it's been frustrating? I think I've had a unique situation with my radio, what else is new? It led to FrSky Ben coming to my house and spending a couple hours to figure out and correct. I'm quite grateful for that! Thank goodness, I was at my wits end and about to throw my hands in the air. There's a wealth of information on line. The trick is to ask the right question to get the instruction you're looking for. I've got hours and hours watching video and working with the radio. I installed the FrSky in my Fokker DVII as a test bed and learned basic radio programming with it. The Radio has been solid and I find I like the radio to call information out to me, I've never had that or telemetry, 6 axis stabilization, etc. this radio provides.

The FW190 is progressing nicely, me not being in a hurry about anything and taking the time required for the task. The basics are done, linkages made and installed, engine broken in properly and installed. Now it's down to the installation of the electronics and suddenly there's not so much room inside the plane. It's time to get creative. Learning to speak FrSky is progressing slowly but still moving forward. I'll be doing taxi tests before long. There are lots to learn before I push throttle forward in earnest.

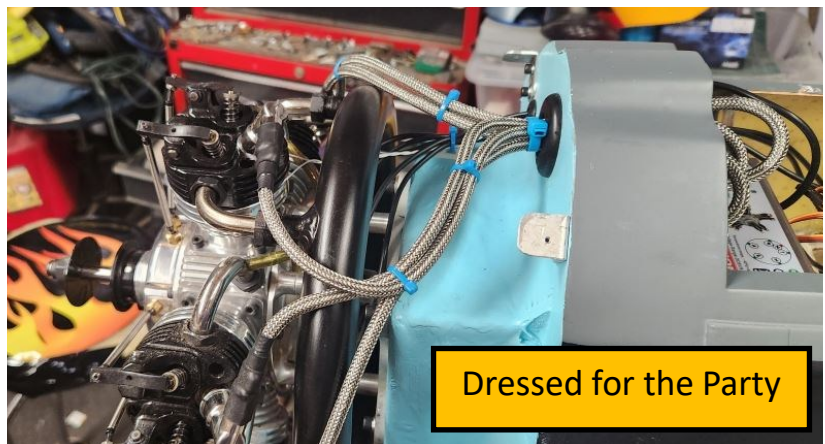
Tim Cardin



Dry Fit



Big Baffle



Dressed for the Party

SUCCESS!!! UPDATE FROM TIM ON OCTOBER 26 (VIA FACEBOOK!)

Tim Cardin

Oct 26, 2025

Whoo Hoo! FW190 maiden today. Nice flight, nothing unexpected. Engine ran great and sounded even better. Sorry, no video yet. I need to review the logs but hottest cylinder taxiing back after flight was #3 @187F So very happy now to go through everything to make sure it stayed in place.

CONGRATS TIM!



HOLIDAY PARTY AND YOU'RE INVITED

Ho Ho Ho! MERRY CHRISTMAS EVERYONE!

SCALE SQUADRON'S CHRISTMAS PARTY

DECEMBER 8

START TIME 6:00 PM



Mixer: 6 pm

Dinner Served: 7 pm

"Festivities": 7:45

**Cleaned up and On
our way: 9:00 PM**

Party will be held at the same place where we hold our normal
monthly meetings: Green Valley Adult Clubhouse

17250 Los Jardines West. Fountain Valley, CA

Dinner will be catered.

PLEASE RSVP WITH JONI

WHITSITTJO@GMAIL.COM

SCALE SQUADRON MONTHLY CLUB MEETING

Held on the 2nd Monday of each month.

November Meeting is ON

See you 7pm on Monday November 10



Scale Squadron Meets at the Green Valley Adult Clubhouse

17250 Los Jardines West. Fountain Valley, CA

This is NOT our mailing address.

WHO WE ARE

Advancing & 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 Scale Squadron members.

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 well outperform that of its full-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 everyone wants to make a scale masterpiece. That's OK, too! Whatever pleases you is what counts. Whether you are kitbashing, volunteering at charity aviation events, or making molds from scratch for Scale Masters or AMA National Championship competition scale aircraft, Scale Squadron is a club that embraces all facets of scale aviation R/C modeling and the related community.

Scale Squadron Club Meetings are held on the

second Monday of each month at:

Green Valley Adult Clubhouse
17215 Los Jardines West
Fountain Valley, CA.

Meetings start at 7:00PM and last about 2 hours.

Our meetings throughout the year include the usual club business as well as Member Show & Tell, Modeling How-Tos, 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. Visitors are always welcome. All members and visitors alike are encouraged to bring their latest scale models and projects!



JOIN US!

Membership Requirements

Membership in the Scale Squadron is open to all Academy of Model Aeronautics (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 AMA membership card, your FAA Small UAS Certificate of Registration, and receipt of Scale Squadron membership dues.

The Scale Squadron Board reserves the right to deny or delay new membership approval.

Membership Benefits

Membership in the Scale Squadron includes:

- ♦ A subscription to the *Scale Dimension* monthly online newsletter.
- ♦ Squadron membership card and name tag.
- ♦ Advance notice of scale aircraft events.
- ♦ Annual Holiday Banquet for members and one guest.

Membership Meetings

Meetings are the second Monday of each month at 7:00pm. The December meeting includes the Annual Holiday Banquet and raffle drawings for anyone who presented a topic at any of the monthly meetings.

See the *Who We Are* section of this issue for details on the meeting location.

How to Join

If all this sounds like something you would like to be a part of, you can join us in a couple ways:

1. See the last page of this issue for a membership application. Fill out the form and submit it along with the required supporting documents.
2. Use the [Online Form](#) on the Squadron's website to provide basic information and pay the membership dues. A copy of the online form will be sent to you via email. Print this out and submit it with the required supporting documents.

How to Submit Your Application

All membership application submissions must include:

- ♦ A hard copy of the membership application form
- ♦ If the membership dues were not paid online then include a check for \$30.00 made payable to "Scale Squadron." Dues are not prorated if you join after January 1.
- ♦ A photocopy of your AMA membership card
- ♦ A photocopy of your FAA Small UAS Certificate of Registration

Mail these to:

Scale Squadron Membership
PO Box 8074
Fountain Valley, CA 92728

You will receive your membership card and instructions for how to obtain your key to the OCMA field by return mail in about a week.



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# _____ FAA _____ 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.