

SCALE DIMENSION

The Official Newsletter of the Scale Squadron of Southern California
AMA Charter 1520 - Est 1977 - Website: www.scalesquadron.com
The Founding Home of the United States Scale Masters Championships - Est 1978

February 2015



Commander's View

If it is scale, most likely one of us is involved with it. This newsletter features a lot of events that we as the Scale Squadron have planned and other flyers for other scale groups. Many of us will attend several other events as well. That means if your building, flying, competing or just hanging out, there will be plenty to do this year. I am encouraging you to broaden your scale scope and enjoy what there is and we have only covered a small portion of the activities that revolve around radio scale miniature aircraft. I just want to make you aware that if your a new member or a regular one, the invitation is there to join us at anyone of these events and more particularly, the ones we sponsor as the Scale Squadron.

February Program

This month features a new product and technique for priming and matching paint colours to film coverings. A good friend, Kevin Gribben from Wings West RC has agreed to show us these cool products and how to actually apply them to aircraft parts. Kevin has prepared some pre-primed samples and will then match them to various colours of film covering.

How can you use this? If your latest scale ARF Warbird needs repaired, chances are you can patch, sand, prime and re-paint the damaged portion or recover and paint the cowl and wheel pants to match. Plus much much more.

I am sure you will enjoy this program as Kevin provides a thorough demonstration of the qualities of this technique. Check out the Wings West Website: <http://www.wingswestrc.com>

Rubber Powered Event



What are grown men doing with rubber powered airplanes? If you missed our first attempt at rubber power, it was a blast and we had a great time including the hotdogs and soft drinks. We had so much fun that it has become a Scale Squadron annual event. The flyer is in this newsletter so check it out. The event is Monday August 10, 2015, and replaces our regular meeting. How can you go wrong with that? The early heads up, give you plenty of time to build your entry and there are three classes so a beginner stands a chance too. The aircraft models that are this years selection are from Dumas and they have a lot of cool aircraft that you can build and enter.

Mike Greenshields is working on special pricing for those entering the event. So in the meantime look at their catalogue online. Just scroll down to the airplane

photo and dream. You can actually click on the link here in the newsletter and it will take you directly to the Dumas Website. <http://www.dumasproducts.com/index.php>

Websites:

You can now click on any website mentioned in the newsletter and it will now go to that website. It is called Hyperlinks, but rather than go technical on you, try it out and it works. As an example, here are a few more to try out:

The Scale Squadron website:
www.scalesquadron.com

The National Association of Scale Aeromodelers
Great newsletter and membership application.
<http://www.nasascale.org>

United States Scale Masters Championships Association
If your into scale and competition there is a ton of good information here including the membership application.
<http://www.uscscmasters.org>

In the future we will include website links as much as possible. These links will be on the Scale Squadron Website too. This will place information at your fingertips without having to search online.

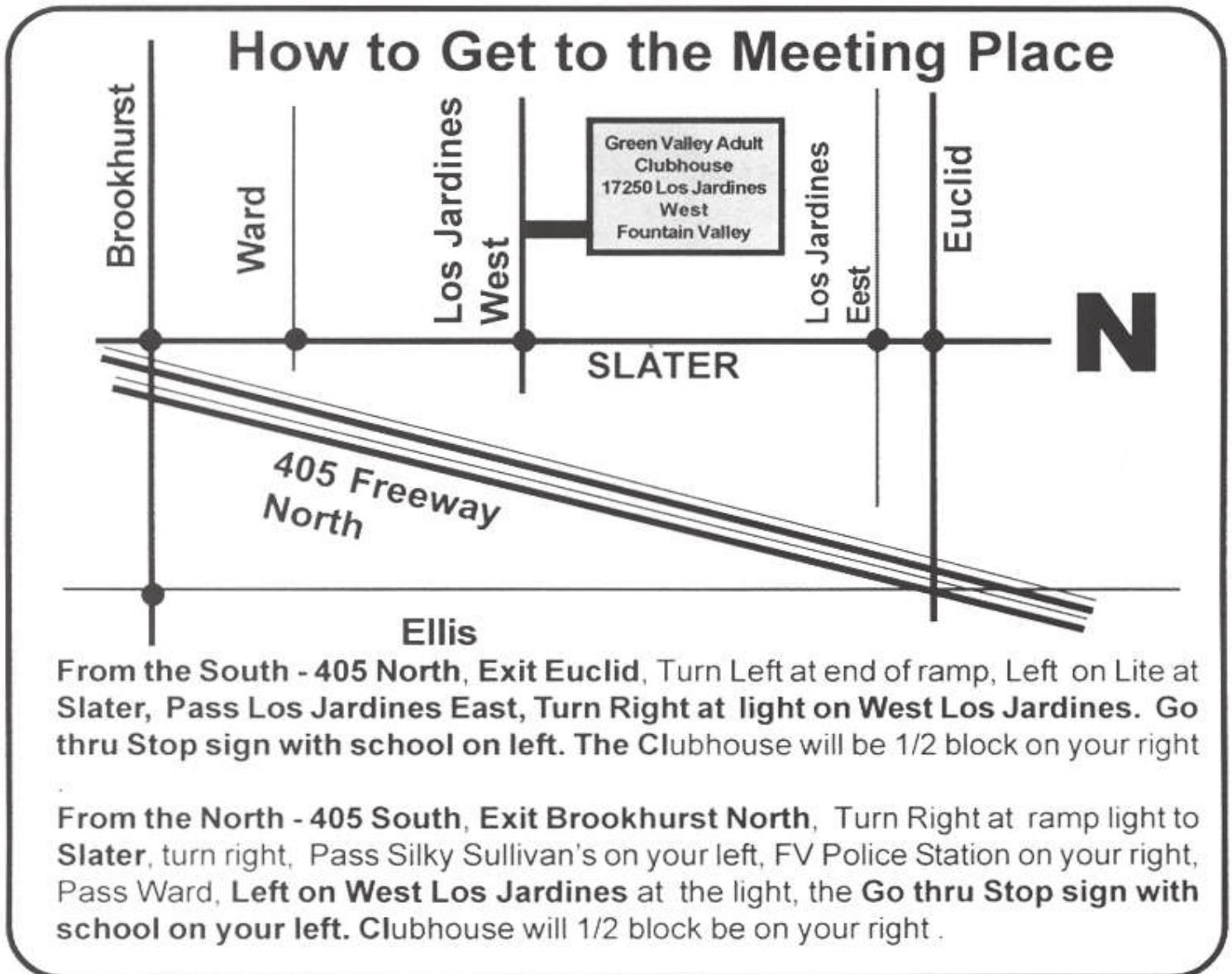
I hope you enjoy the new feature.

I also look forward to seeing all of you at the meeting Monday night for our Wings West RC program.

Sam

The Scale Squadron 2015 Board of Directors

Commander	Sam Wright	sam-w@cox.net
Executive VP	Mike Greenshields	mikegreenshields@gmail.com
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Director	Scott Whyte	scottwhyte_lpi@cox.net
Editor	Sam Wright (Temporary)	



Hobby People®

CLUB MEMBER NEWS

18 Stores To Serve You In California & Nevada

February 2015

COUPON MADNESS!

Print this page and bring it with you next time you shop! Hurry! Coupons expire 2/28/15.

Use these coupons when you shop online or at our Hobby People stores!

*The more you buy the more you save.
It's like the entire HP store is ON SALE!*

Hobby People SAVINGS COUPON

\$10⁰⁰ OFF

SIMPLY PURCHASE \$100 OR MORE!



Expires February 28, 2015. May not be used to buy gift cards. May not be applied to service fees. May not be combined with other offers.

Online: use code MAHP10 at checkout

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Online: use code MAHP20 at checkout

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SIMPLY PURCHASE \$300 OR MORE!



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Online: use code MAHP30 at checkout

Hobby People SAVINGS COUPON

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Online: use code MAHP40 at checkout

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SIMPLY PURCHASE \$500 OR MORE!



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Hobby People SAVINGS COUPON

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Online: use code MAHP60 at checkout

Hobby People SAVINGS COUPON

\$70⁰⁰ OFF

SIMPLY PURCHASE \$700 OR MORE!



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Online: use code MAHP70 at checkout

Hobby People SAVINGS COUPON

\$80⁰⁰ OFF

SIMPLY PURCHASE \$800 OR MORE!



Expires February 28, 2015. May not be used to buy gift cards. May not be applied to service fees. May not be combined with other offers.

Online: use code MAHP80 at checkout



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One for nearly every application.

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HP-PRO BL-320 WP HV Brushless Digital Servo (shown)

No. 119261, List \$200.00

Intro Sale Price \$99.99

hobbypeople.net



THE "UN-CONTEST"

SCALE COMPETITION WORKSHOP

Presented by the Scale Squadron of Southern California

Date: MARCH 14, 2015 Cost: FREE!

OCMA'S BLACK STARR FLYING FIELD

(www.flyocma.com for field information and driving directions)

SEMINAR SCHEDULE: 8AM SIGNUP OPENS

9:30AM
INTRO TO SCALE
STATIC COMP TIPS

10:30AM
FLIGHT-PREP
JUDGED FLYING

The Un-Contest is an event designed to help modelers interested in scale competition learn the basics of scale competition, both the static and flight components. For experienced scale competitors this is your chance to hone your skills, get some flight judging practice with experience scale competition judges, and share information about what works and what doesn't in scale competition.

Unsure what scale competition is all about? This is your chance to learn the basics in a stress-free, cost-free, relaxed environment.

Requirements:

Static Competition Seminar: Just come out and listen or participate if you'd like. If you have a plane that you'd like help with maximizing your static scores, bring it!

Flying Competition Seminar: You can just listen-in or bring a plane AND your AMA card (must be an AMA member to fly) and we'll walk you through a scale competition flight, judge it, and help you learn how to increase your flight scores!

Participants and visitors may be required to sign a property management liability waiver.

Questions? Visit our website or contact us: www.scalesquadron.com

Don't Forget!!!:

AMA Card Req'd to Fly
Fire Extinguisher Req'd to Fly
Bring Your Own Chair
No Turbines Allowed
OCMA Rules Enforced

THE SCALE SQUADRON
OF
SOUTHERN CALIFORNIA



Founders of the
US Scale Masters Championships



OCMA REPORT Orange County Modelers Association

by Ed Woodson
Scale Squadron Delegate

At the last OCMA Board meeting on January 20, 2015 President Tim Cardin and Treasurer Greg Stone reported that the transfer of our field from the Irvine Company to the County of Orange was made in late December.

It appears the Parks and Recreation commission will be given control of the site. Both Tim and Greg felt this was good news since it seems our use of the site fits well with the goals of the Parks and Recreation folks. We are still looking for some "official" document that expresses our ability to be the sole users of the site but that may be forthcoming later, we hope.

As far as the condition of the field is concerned it appears the rains did not help things as the dampness caused parts to "peel off" so handle with care especially on the runway. No more "stickiness" since that seems to have been a problem caused by the hot days with direct sunlight.

President Tim Cardin will be sending out emails to all members (which you probably have already received by now)

reminding everyone to renew their membership as new keys will be issued for the new lock on the gate.

Those new keys will be passed out at the **mandatory rules meetings to be held at 9 am on February. 1 and 7 at the field.**

If you missed the February 1 meeting you can still make the Saturday February 7 meeting at the OCMA Field at 9:00am. Remember, this safety meeting is a mandatory meeting so that you can fly this year.

You only have to attend one of the safety meetings at which time a "safety sticker" will applied to your badge. You cannot fly at the field without this sticker.

If you have already received your 2015 membership badge, bring it to the meeting so your sticker can be applied. Also bring your key from last year so it can be exchanged.

There is a stiff fee for lost keys so hang onto your new key!

If you are not a member yet, go to the website at <http://flyocma.com>

You can download the membership application PDF File and bring it to the meeting with your check for the 2015 membership.

Ed seulberger@sbcglobal.net



Scale Squadron Meeting MONDAY FEBRUARY 9, 2015 7:00 PM

**See Map and address
on page 2**

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. Each member that has a show & tell aircraft receives a ticket for the prize drawing at the annual Christmas Dinner Party
December 14, 2015

Scale Squadron January Meeting Photos

Our members and their scale activities...this is what we do.....



Larry Wolfe shows the progress on a joint project he and Sam Wright tackled. A 72" F9F Panther. This is the start of the fuselage plug. The Panther will be set up for EDF (Electric Ducted Fan) Turbines can be installed as well with the correct plumbing.



A photo of the horizontal stab plug (left) and the actual vacuum bag part on the right. The stab features all the panel lines. The entire project has been scaled exactly to the full size Panther at the Yanks Air Museum



Larry Klingberg shows his latest all scratch built project. This is a 1/3rd scale Fairchild FC2. Built in 1927 and has a 12' wingspan. Larry's work is really too nice to cover up!



A good close up of Larry's construction for the tail group. Larry cuts the wood and works from plans and sometimes sketches since a lot of the information and documentation is not available.



Mike Greenshields shows off the new Hobby People F82 patterned after Col. Robert E. Thackers "Betty Jo" which is in the US Air Force Museum. This is a VQ ARF, with a wingspan of 79". Comes with fixed gear, but HP has optional electric retracts for it. Can be powered with Twin 60-70 Four Strokes, or two of the Hobby People G-46 Electric System with 4-5S 4500 to 6500mAh Li-Po Batteries.

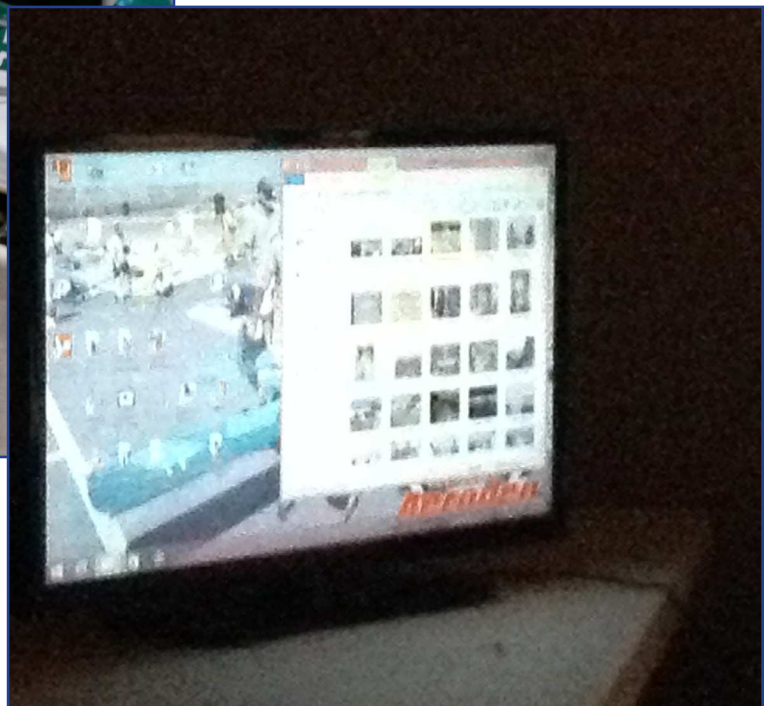


Commander Sam Wright pontificating obviously something important. The squadron Treasure Tim Cardin on the right. All kidding aside our meetings are awesome and if you are missing them please join us for a fun evening with coffee & cookies too! The meetings are lively and well attended and the feature is the Show & Tell where we enjoy all of the scale projects underway or completed.



Anand Patel (left) at the Battle of the Builders for the RCX show last year with his Fiesler Storch and authentic German pilot hat and shirt. He is a dedicated scale flyer and loves playing the part.

(Right Photo) Anand presented a video of his trip to India to fly for the Prince at his private air strip and lake. Anand was an invited guest and stayed at the palace. His trip was fascinating and the photos he showed proved it to be something he will never forget. Be sure to ask him about the trip.



VVRCF 1ST CHANCE QUALIFIER

November 6 - 8, 2015

Victor Valley RC Flyers Club & Scale Squadron Club - 7000 Arrowhead Lake Road, Hesperia, CA

Scale Contest and USSMA Qualifier, Hosted by the VVRCF

The 1st Chance Qualifier is a Scale Model Aircraft contest. 1st place finishes and top 1/3 scores qualify pilots to compete in the Scale Masters National Championships held in Sept/Oct 2016 (TBA). Scale Masters has competition categories for Scale Modelers of all skill/experience levels. If you're interested in competing with an R/C scale airplane, this Qualifier has a category for you!
1st time competitors and ARF's welcome!

Entry Fee-

\$30 1st class entered

\$20 2nd class entered

Entry INCLUDES Sat Lunch

Lloyd's World-Famous
Saturday Night Banquet
\$15 per person



Classes:
Expert - Top-Level - This category is for the builder-pilot and is the only category from which the Grand Champion is determined at the Championship Event. Full Documentation Required.
Team: Pilot/Builder work as a team. Full Documentation Required.
Advanced: This category is available for top-level pilots using aircraft that are not governed by the Builder of Model (BOM) rule. Full Documentation Required.
ProAm/Pro: ProAm/Pro: Fly any scale plane - includes purchased, modeler-built or factory-built scale models including ARF/ARC, Documentation: only a picture of a real plane that is the same model/type as your RC model.
ProAm/Sportsman: For the true beginner. Same basic outline as the ProAm-Pro
Scale Masters Rules: <http://www.uscalemasters.org/forumsmf2/index.php?action=tpmod;dl=item111>

Questions? Contact: Ronnie Espolt (310-344-3140), email: airseamach@aol.com
Food Available on-site. (Lunch included for Contestants & Judges.) Free Camping (dry, on-site Fri/Sat/Sun Night). NO TURBINES. Field: Paved 500' Runway w/Covered Pit Area.

Schedule of Events (subject to change)

Friday

9am - Open Practice
& Early Registration
11am - Static Begins

Saturday

7am - Registration
8am - Pilots Meeting
8:15 - Static Comp
9am - Flying Comp
6pm - Lloyd's World
Famous Banquet

Sunday

8am - Pilots Meeting
8:15 - Static Begins
9am - Flying Begins
Awards - 2pm

Presented by:

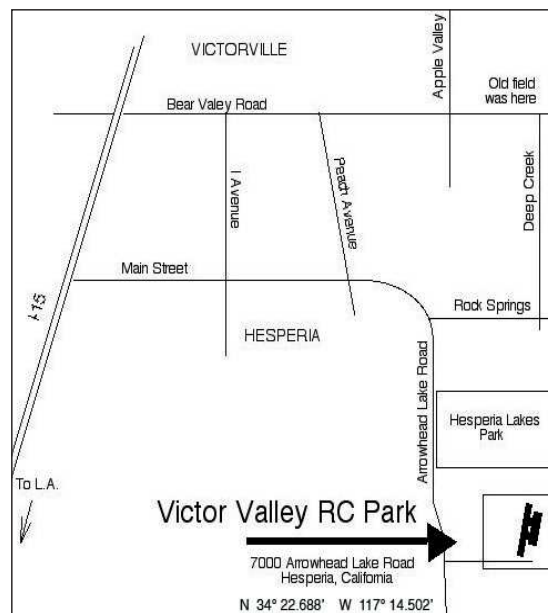


www.scalesquadron.com

Hosted by:



www.vvrcf.org



Mystery Plane of the Month



This aircraft was a first, so not just the name will win this month, but what did it do in the air successfully before any other aircraft? It ain't on Wikipedia.....

Be sure to fill out the answers on the forms at the meeting for an opportunity to win a cool prize



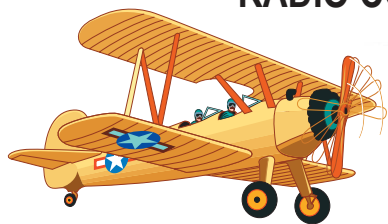
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GUNSMOKE 2015

RADIO CONTROL SCALE MODEL AIRCRAFT CONTEST



FEB 27, 28, MAR 1, 2015
SUPERSTITION AIR PARK, MESA, AZ

SCALE MASTERS QUALIFIER

Competition in five classes:

Expert, Team Scale, Advanced, Pro-Am Pro, Pro-Am Sportsman
AMA Sanction #86

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: John Geyer ★ 602-810-1767 ★ jegeyer@centurylink.net

www.usscalemasters.org

www.oeaf.org

www.azmodelaviators.com

Scale Judging Maneuvers

#2 in a Series of what the judges are looking for.

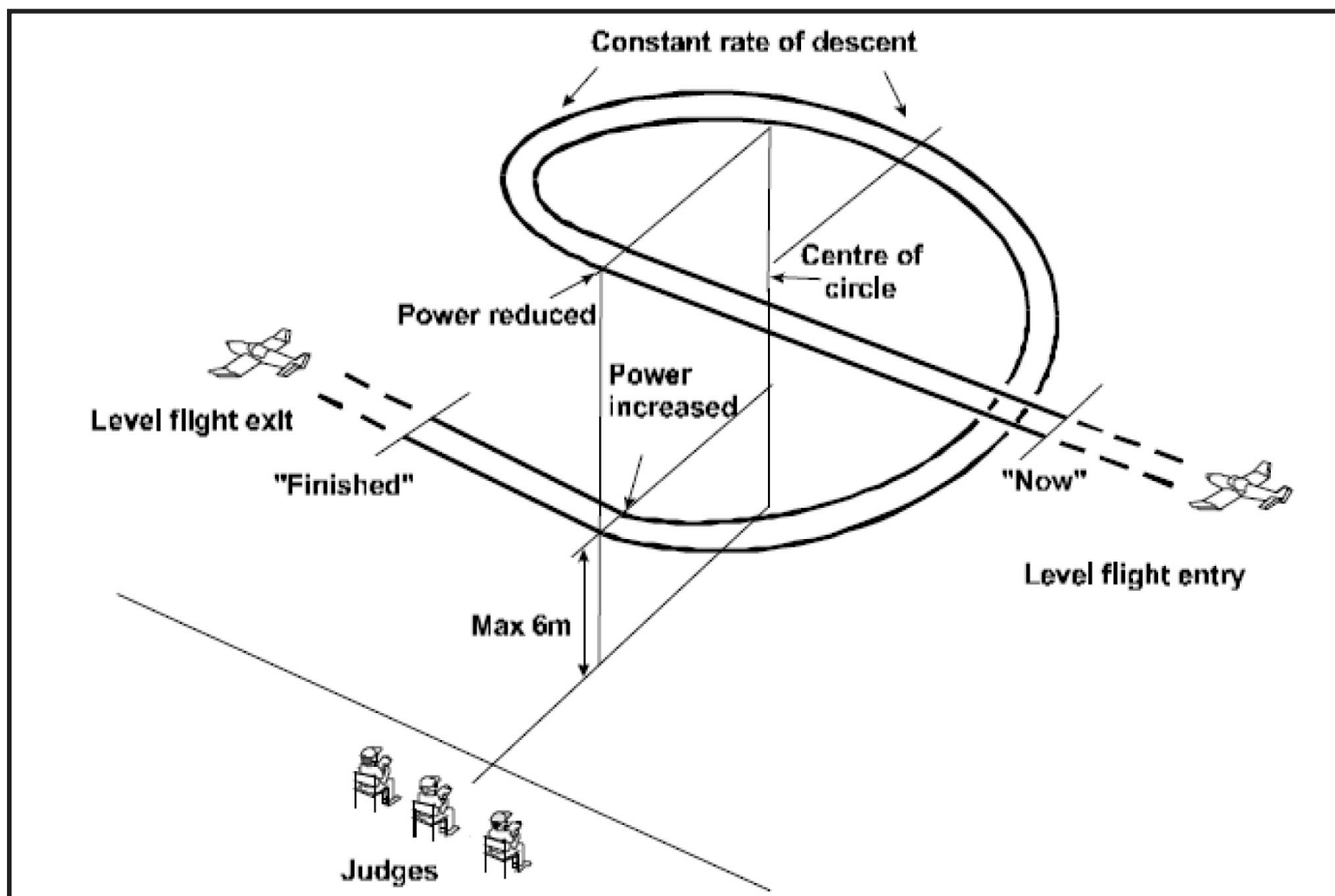
Taken from the U.S. Scalemasters 2014 Competition Guide

This is a great maneuver for a Golden Age, Civilian, or Vintage aircraft to execute. It is graceful and a nice maneuver. If you are new to competition, as easy as it looks, there are certain elements that the judges are looking for. Read the context below taken directly from the revised 2014 Scale Masters Competition Guide.

8.8 360 Degree Descending Circle at constant low throttle setting

.1 Commencing from straight and level flight, the model aircraft performs a gentle 360 degree descending circle in a direction away from the judges at a constant low throttle setting. The maneuver terminates at a height between 10 and 20 feet resuming straight and level flight on the same path.

Errors: rate of descent not constant. Descent too steep. Throttle not constant or low enough. Circle misshapen. No significant loss of height. Descent not to a level of 10 or 20 feet. Circle not centered on judge's position. Entry and exit paths not parallel with judges line. Too far away or too close.



Scale Squadron Special Events as of February 1, 2015:

2015 is filled with a few great Squadron events! And many of our local clubs and friends are hosting other scale events that are certainly worth your consideration! We hope to see all of you at the Squadron events! Get involved! -Mike Greenshields Email: mikegreenshields@gmail.com

March 14, 2015

Un-Contest Scale Competition Workshop - CONFIRMED

Location: OCMA

The Scale Squadron presents a stress-free workshop with presentations, opportunity for one-on-one coaching, and actual judged flying and flight maneuver advice.

Cost: FREE

See flier in this newsletter for details

May 16/17, 2015

RCX

Battle of the Builders - TENTATIVE

Location: OC Fairgrounds

We are awaiting word from RCX's new management as to whether or not they will have a Battle of the Builders and whether or not they want us to host it. So, this may or may not be a club event.

We'll keep you informed.

June 5-7, 2015

Warbirds and Classics at Black Starr – CONFIRMED

Location: OCMA

We are working out the final details as we write this schedule for the newsletter. Please keep this weekend open, plan to help and attend. This will be a low-stress, fun, exciting event that will be fun for EVERYONE!

August 10, 2015

Free Flight Indoor Club Contest – CONFIRMED

Location: Hobby People warehouse

Larry Wolfe is in charge of this event and will be working out the details. There will be food, there will be fun, there will be a fun rubber powered free flight airplane contest.

Look for details on our website and upcoming newsletters.

Cost: **FREE**

November 6 to 8, 2015

Victor Valley/Scale Squadron

1st-Chance USSMA Qualifier – CONFIRMED

Location: VVRCF Airfield, Hesperia CA

We team up with the VVRCF up in the High-Desert and help run this FUN qualifier. Never competed? You'll get the help you need at this event to get comfortable with scale competition. Serious competitor? This is a great 500 foot+ paved runway with pit-shade, engine running/starting tables, on-sight power with plug-ins well-appointed flying field with a GREAT group of people.

Flier in the Newsletter Website: www.vvrcf.org

December 14, 2015

Club Christmas Party

More to come as we get closer, but KEEP this date OPEN! You don't want to miss it!!!!

Up-Coming Scale Aircraft-Related Events!

Feb 27 to Mar 1, 2015 - Confirmed

Gunsmoke – AZ USSMA Scale Competition Qualifier

Fly and compete with our friends in AZ!

More Info: oeaf.org

Mar 28-29, 2015 - Confirmed

1/8th Air Force Spring Fly-In 2015

Low-stress, lots of fun, the Annual Spring Fly-In. Fly scale with our friends in AZ!

More Info: <https://oeaf.org>

Apr 10-12, 2015 - Tentative

Hemet USSMA Scale Competition Qualifier

Fly and compete with our friends in Hemet!

We're waiting on final info from Curtis Kitteringham, but we expect these are the correct dates.

More Info: hemetmodelmasters.com

May 21-24, 2015 - Confirmed (Active Link to Website)

CASTLE 2015 1st Annual Giant Scale Fun Fly

Location: Castle Air Force Base

IMAA may have closed up shop, but they're still going-big at Castle for 2015

rogue-eagles.org for more info

Flier: <http://rogue-eagles.org/Events/CastleIMAA2015Flyer.pdf>

Stay Connected with the Squadron

-Sign Up for Website Announcements: [Scale Squadron Home Page](#)

-Follow Us on Facebook: <https://www.facebook.com/ScaleSquadronofSouthernCalifornia>

Active link to the Squadron Website

-Make Sure Ed Woodson has your correct email and address so you don't miss special Scale Squadron emails and announcements! Ed's Email Address: seulberger@sbcglobal.net

Schedule Subject to Change without notice. For reference only. For official dates and event information, contact the managing club of each event directly.

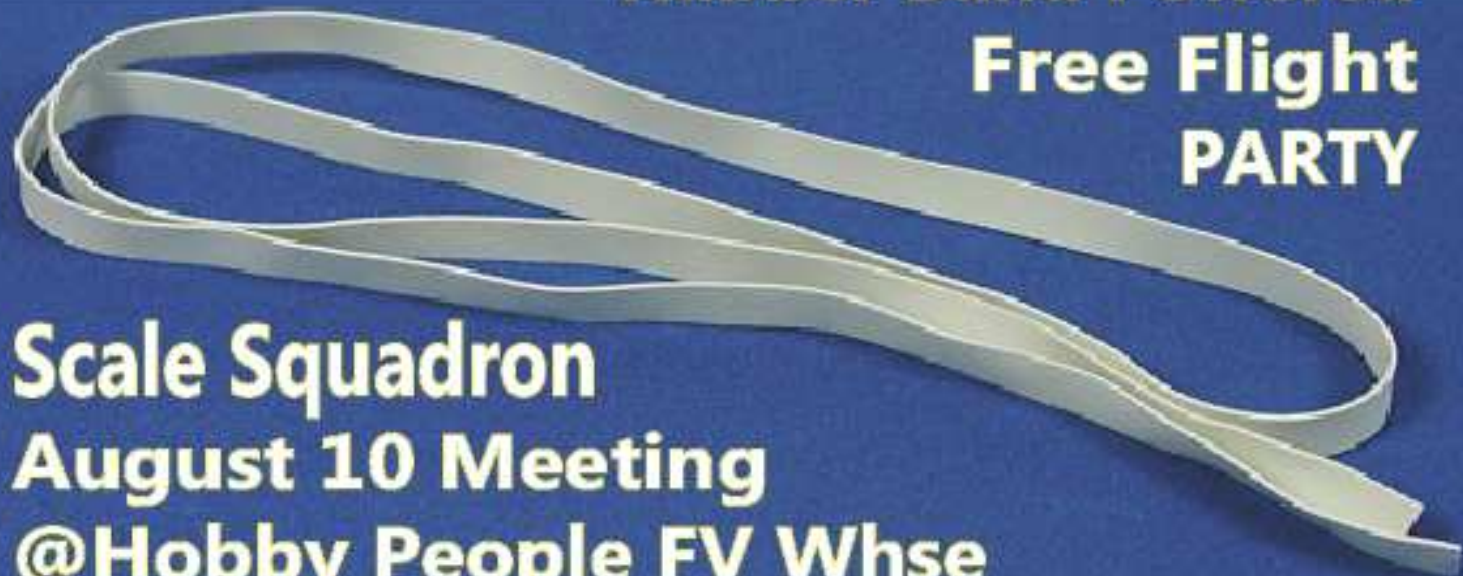
BIG NEWS!

The Scale Squadron Website Has a lot to offer
Online membership, Facebook, updated event photos, Event Dates,
links to other scale organizations and products plus you can purchase squadron shirts and coffee cups there too with PayPal.

All you need to do is click on the link here:
www.scalesquadron.com

Rubber Band Powered Free Flight PARTY

Scale Squadron August 10 Meeting @Hobby People FV Whse



Schedule of Events

Open Practice 5-7pm Registration 6pm
Hot Dog BBQ Dinner 6:30pm Contest Start 7pm. Flying 2 Rounds
Awards: 8:30pm

Location: Hobby People Fountain Valley. Warehouse behind the store
18475 Pacific St, Fountain Valley, CA 92708
This event replaces the August Meeting.



1. One-Design Flying Event:

This year's one-design will be affordable and higher performance. TBA

2. Dumas Aircraft 17.5" Walnut Scale:

Rubber Band Powered Flying Scale Models.
Dumas Walnut Models Only. Official catalog and special club pricing TBA

3. Dumas Aircraft 30" Scale - Static Contest:

Build one or more of any of the 30+ Aircraft available from Dumas for this Static Building Contest. Models can of course be flyable.



3 Classes
for your flying
and building enjoyment



**Flying Food Fun
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**Sponsored by
Scale Squadron
and Hobby People**

Event Contacts: Larry Wolfe - 562 467 0260 or
Mike Greenshields: mikegreenshields@gmail.com
scalesquadron.com
[facebook.com/ScaleSquadronofSouthernCalifornia](https://www.facebook.com/ScaleSquadronofSouthernCalifornia)

→→ 18TH ANNUAL →→

1st Annual Castle 2015 ~ Giant Scale Fly-In

HOSTED BY
AMA CLUB 4021 ~ "CENTRAL CA MODEL FLYERS"



Castle Airport, Central California, off Highway 99

May 21st to 24th 2015

Landing Fee - \$35.00

R.V. Camping for the Event - \$40.00 or for Front Row - \$60.00

Pilot Automobile Parking - \$5.00 for the entire event

No Charge for Airplane Trailers, Tow Vehicles or Dinghys

Vendors * Raffle * Food

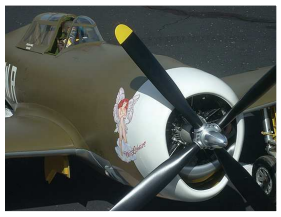
"IMAA" Legal Turbines Welcome

Scotty Malta, (Event Director & Registration) --

scottmalta@comcast.net (209) 617-5789

Rick Maida, (CD) - mrcorsair@usa.net (408) 460-1526

ONE EIGHTH AIR FORCE SCALE FLY-IN



SPRING

2015

MARCH 28-29

ALL TYPES OF SCALE MODELS WELCOME

FEATURING:

-SATURDAY NIGHT DINNER AT THE FIELD

-OEAF'S UNIQUE AWARDS IN MANY CATEGORIES

REGISTRATION STARTS SAT. AT 0730 HRS

\$20 PER PILOT LANDING FEE - AMA REQUIRED

PARKING DONATION - \$5.00

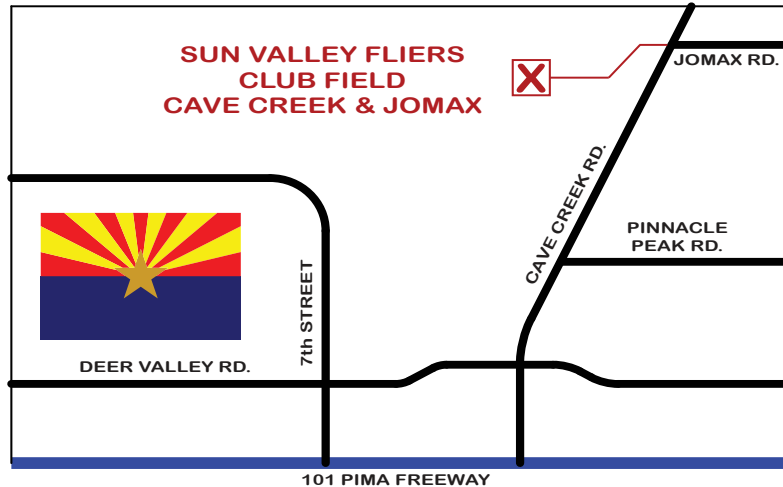


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SUN VALLEY FLIERS
CLUB FIELD
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CD TOM GUCA 602-509-0895
tguca@cox.net

Scale Squadron Coffee Cups - Microwave Safe

We are sold out of Coffee Cups. If you would like one, please let us know. We are ordering a new batch. Price is \$15.00 plus shipping or you can pick them up at the meeting.

