

SCALE DIMENSION

THE OFFICIAL NEWSLETTER OF THE SCALE SQUADRON OF SOUTHERN CALIFORNIA
FOUNDERS OF THE U.S. SCALE MASTERS CHAMPIONSHIPS

MARCH 2013 EDITION

WWW.SCALESQUADRON.COM



Hello Squadron!

I'm proud to tell you Airage has once again picked the Squadron to build a plane for review. This time, it is the Alien Aircraft (designed by Tom Herr) brand new, just off the 1st test run, 70" Taylorcraft. We'll be writing a review of the kit and flight performance and then a supporting article on scale details that can be added to give it that awesome detailed look! If you haven't been to Alien Aircraft's website lately, you should. He has a growing array of scale park flyers and now he's getting into the key 40-size market!

www.alienaircraft.com

March 9 in Victor Valley, we'll conduct our 1st Un-Contest Scale Competition Workshop at the Victor Valley R/C Flyers field, Hesperia CA! This club has several scale modelers and they're hoping to expand interest in scale modeling at their field. I hope to see you all out there! See flyer on our website for map, details, etc.

RCX - Time to Register, Volunteer, etc! The show is June 1-2, setup is May 31, and the Static Battle of the Builder's contest is ON! Go to RCX.com to sign up

for the contest. Larry K won BIG at this event last year. There is MONEY to be won at this event! Tell your friends, tell other clubs, come on out! See the flyer in this newsletter for details!

3 Month Countdown to our Fly-In!!!!!! I'm so looking forward to the event this year! It will be a beautiful weekend June 7-9. I think we have the best weekend of the year for our event! Be sure to support the PVMAC club and the PRADO field with your thanks, goodwill, etc for working with us to host this great event.

There's a lot going on at the Squadron. Don't miss a thing! Come out to our meeting Monday March 11 to make sure you get all the details!

We'll see you at the meeting!

Mike Greenshields
Commander



Mike Greenshields Accepts a custom clock award from the Scale Squadron Board of Directors and membership for his past two years as the Commander. Mike accepted the challenge of a 3rd term as Commander.



SCALE SQUADRON MEETING

MONDAY MONDAY 11, 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:

Magnetic 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.

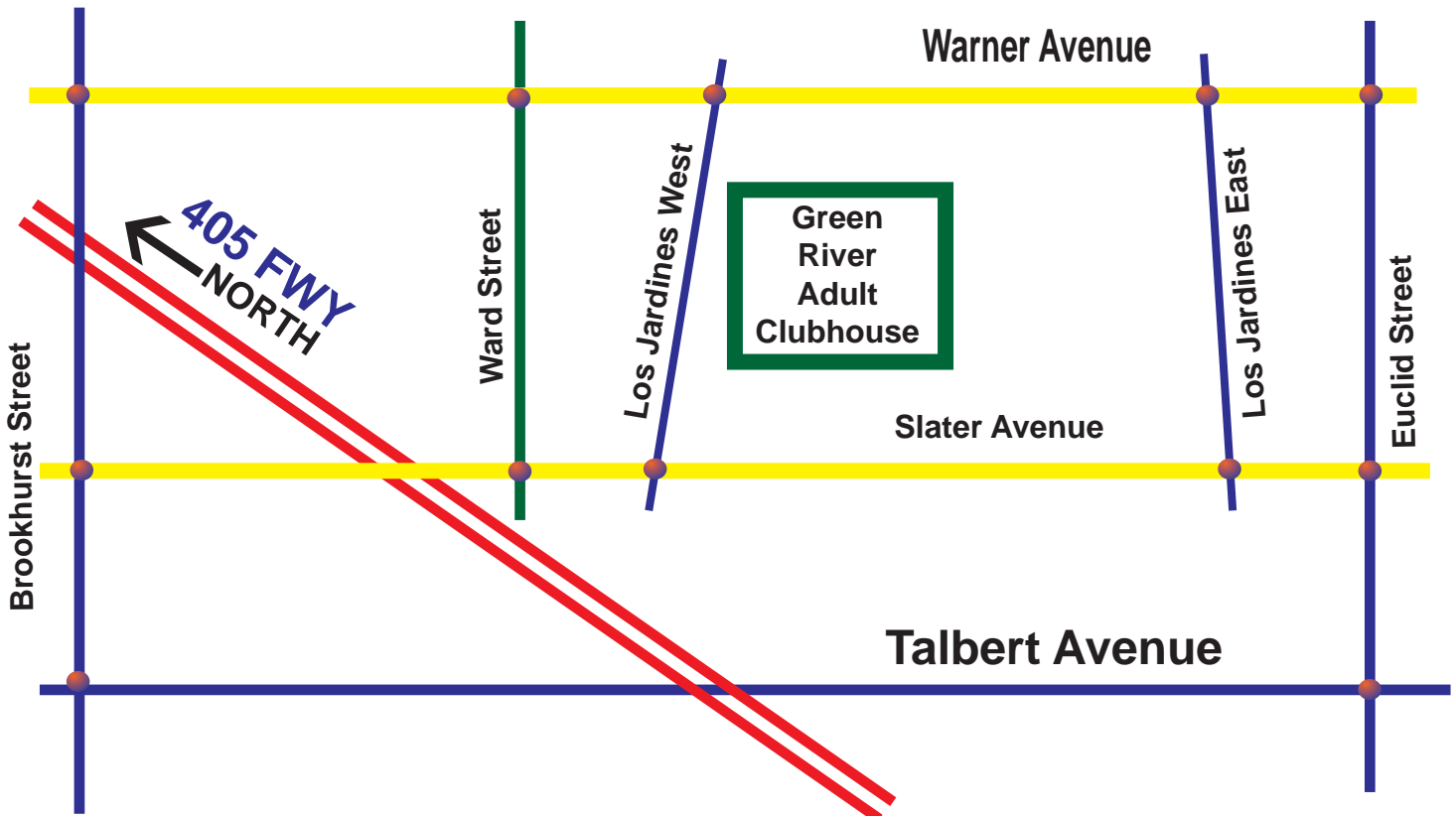
Black Button Down Dress Shirts are \$45.00

Gray Pocket Polo shirts \$20.00

Billed at time of delivery

Meeting Directions

17250 Los Jardines West - Fountain Valley, CA





OCMA meeting February 19, 2013



Boy are they right!! February is the shortest month. Well a lot has happened in this short month. We started out with safety meetings on Sat the 9th and Sun the 17th. Both meetings were well attended and very informative.

We were all introduced to the OCMA's new acquisition, a 6 gang, riding mower. The last item of business was exchanging keys. There are new gate locks at both gates. Your old key will no longer get you into the field. If you were unable to make it to one of the safety meetings then you will have to attend a board meeting. The next board meeting will be at the Fountain Valley library on Tuesday the 19th of March.

Tim Albright found the new mower on-line. He and Tim Carden went out and looked it over. They found it in good working order with low hours. The unit is a professional mower made by Ransom and comes with a 1500 CC Perkins 4 Cylinder Diesel engine. A rock picking party was formed after the Sunday safety meeting to rid the over fly area of potentially hazardous rocks.

The outer field was mowed and looks great. This was done in prep for the Dawn Patrol.

Saturday the 23rd was the Dawn Patrol event. This was the first annual, re-scheduled 2012 event. 29 pilots registered and 27 flew. The second annual event will be held later this summer. If you missed this event I would highly advise you not to miss the next one. Tim C. will give us all the blow by blow at this Monday's meeting.

I wish you all well and happy flying.

Randy Wilbur, Scale Squadron OCMA Rep.

For field conditions, updates, events and Red Flag days, visit the OCNMA website frequently or click on the link below to go directly to the website
www.flyocma.com



Col. Robert E. Thacker Celebrates 95th Birthday

Col. Thacker's 95th birthday party was a great event. The Col. was in high spirits and full of his jovial self. It was a delightful evening filled with really nice people a wonderful location at the Talega golf course clubhouse in San Juan Capistrano.

Many attended from afar including Bob Violet of BVM all the way from Florida. It was great to see the Col. in such good spirits at 95.

Prior to the dinner when cocktails were served there was actually mini helicopter flying on the dance floor.

I hope to grow up to be just like the Col. at 95. He's actually planning on his hundredth birthday party. The Col.'s best comment of the evening was *"getting old is not for sissies"*

When you're having a bad day and then you see a 95-year-old military hero with the spirit of the Col. you really have to look in the mirror and say shame on yourself!

A wonderful 95th birthday Col. Thacker our American hero from the Scale Squadron of Southern California.





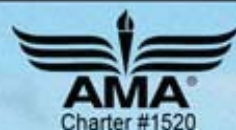
SCALE SQUADRON OF SOUTHERN CALIFORNIA

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





CLUB MEMBER NEWS

★ New Products ★ Deals ★ Events ★ Coupons ★

**March
2013**

New Servo Line at Hobby People!

**LHS
ELECTRONICS**

In Stores Today!



Value Without Compromise.

LS-37A

BB Standard Servo, Analog
No.180137

Weight: 1.3oz (37g)
Size: 1.59x0.78x1.52in
4.8V Speed: 0.16sec/60°
6.0V Speed: 0.14sec/60°
4.8V Torque: 83oz-in
6.0V Torque: 97oz-in
List \$17.40

Our Price Only \$13⁹⁹

Compares To

Hitec HS-485HB @ \$17.99

You Save \$4⁰⁰

LS-11A

BB MG Micro Servo, Analog
No.180110

Weight: 0.39oz (11g)
Size: 0.91x0.47x0.98in
4.8V Speed: 0.12sec/60°
6.0V Speed: 0.10sec/60°
4.8V Torque: 31oz-in
6.0V Torque: 35oz-in
List \$16.20

Our Price Only \$12⁹⁹

Compares To

Hitec HS-65MG @ \$30.99

You Save \$18⁰⁰

LS-9A

Micro Servo, Analog
No.180109

Weight: 0.32oz (9g)
Size: 0.91x0.47x0.98in
4.8V Speed: 0.11sec/60°
6.0V Speed: 0.09sec/60°
4.8V Torque: 26oz-in
6.0V Torque: 29oz-in
List \$9.40

Our Price Only \$7⁹⁹

Compares To

Hitec HS-55 @ \$9.99

You Save \$2⁰⁰

LS-11D

BB MG Micro Servo, Digital
No.180309

Weight: 0.39oz (11g)
Size: 0.91x0.47x0.98in
4.8V Speed: 0.12sec/60°
6.0V Speed: 0.10sec/60°
4.8V Torque: 31oz-in
6.0V Torque: 35oz-in
List \$21.10

Our Price Only \$16⁹⁹

Compares To

Hitec HS-5065MG @ \$37.99

You Save \$21⁰⁰

LS-17D

BB MG Micro Servo, Digital
No.180317

Weight: 0.62oz (17g)
Size: 1.16x0.46x1.19in
4.8V Speed: 0.13sec/60°
6.0V Speed: 0.11sec/60°
4.8V Torque: 42oz-in
6.0V Torque: 49oz-in
List \$24.90

Our Price Only \$19⁹⁹

Compares To

Hitec HS-5085MG @ \$46.99

You Save \$27⁰⁰

LS-50D

BB MG High Torque, Digital
No.180345

Weight: 1.76oz (50g)
Size: 1.57x0.78x1.61in
4.8V Speed: 0.16sec/60°
6.0V Speed: 0.15sec/60°
4.8V Torque: 195oz-in
6.0V Torque: 209oz-in
List \$43.50

Our Price Only \$34⁹⁹

Compares To

Hitec HS-5645MG @ \$46.99

You Save \$12⁰⁰

LHS Servos: More Power at a Lower Price!



Hi-Energy

Receiver Battery 6.0V

**2200mAh NiMH
Flat, JR/Z Conn
No. 233808
Reg \$19.99**



Half Price, Only \$9⁹⁹ ea.

With This Coupon. No Limit.

March 1 through March 31, 2013

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

Cannot be combined with other offers.

Hobby People CLUB COUPON

- ☐ 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



THE "UN-CONTEST" SCALE COMPETITION WORKSHOP

March 9, 2013

Victor Valley RC Flyers - VVRCF
7000 Arrowhead Lake Road, Hesperia, CA

The Scale Squadron Un-Contest, Hosted by the VVRCF 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 experienced scale competition judges, and share information about what works and what doesn't in scale competition. This event is open to Scale Squadron Members, VVRCF Members, and any other modelers interested in scale competition. Proof of AMA current membership is required.

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

This Event is FREE! Scale ARF Airplanes WELCOME!

There are 2 components to scale competition.

So, there are two main components of our workshop:

Static Competition Seminar: Bring your scale plane and your scale documentation. We'll walk you through static judging, giving you tips and insights on how to raise your score! Don't have that ready yet? Not even sure what that is? That's ok, just come out and listen and learn what scale documentation is all about.

Flying Competition Seminar: Learn to fill out your flight card, pick the flying elements that are right for you and your plane, get insights on how to fly those maneuvers, AND fly your plane as if you were in competition and we'll judge your flight and give you pointers on how to improve!

Questions? Email us: commander@scalesquadron.com

Schedule of Events:

9am - Registration

9:30am - Static Competition Seminar

10:30am - Flying Competition Seminar

Subject to change

Presented by:

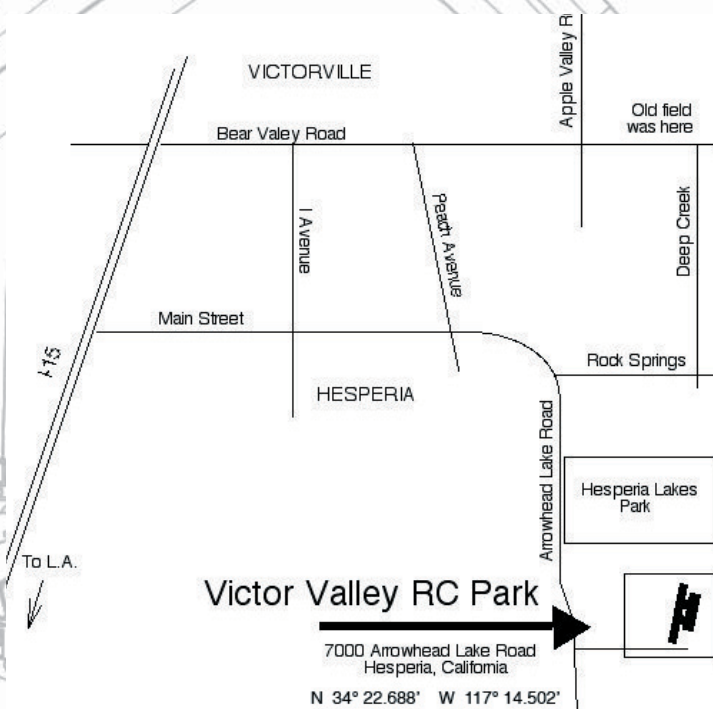


www.scalesquadron.com

Hosted by:



www.vvrcf.org





BATTLE OF THE BUILDERS

Static R/C Model Display Contest

WIN BIG!

1st Place: \$200.00

2nd Place: \$100.00

3rd Place: \$50.00

People's Choice:
\$100.00

Win BIG at RCX! And it's FREE! If you love scale modeling, bring your plane to RCX, show off your modeling skills, and enjoy the show! RCX with the help of the Scale Squadron of Southern California is hosting the **Battle of the Builders**, a static r/c scale model aircraft contest at this year's RCX RC Expo in Long Beach California.

The Battle of the Builders is open to any competitor with a flying RC scale model including fixed-wing, ducted fan, EDF, turbine, helicopter, and sailplane. All modes of power are welcome. And for those who like to modify scale ARF's, the Battle of the Builder's has classes for you too (just remember, they need to have scale or detail improvements to their outward appearance).



Choose The Category for Scale Competition (1st-3rd Place Awarded):

- Military Scratch-Built Aircraft
- Civilian Scratch-Built Aircraft
- Military ARF Aircraft
- Civilian ARF Aircraft

Your vote counts in the People's Choice Award! RCX Visitors will vote on their favorite contest entry! First Place is \$100.00



The Scale Squadron (Founders of the US Scale Masters) encourages scale modeling and is looking forward to this year's Battle of the Builders! The Scale Squadron will be the organizers and judges for the contest. For more info on scale modeling, be sure to visit the club's website: www.scalesquadron.com

RCX is the biggest RC show on the west coast featuring all facets of R/C hobbies. Come to RCX and see it all!

For more info:
www.rcx.com



HORIZON
H O B B Y

HITEC

Hobby People

Gens Ace
WWW.HOBBYPARTZ.COM

Hobby King
.com

PITBULL
TIRES
WWW.PITBULLTIRES.COM

ALIGN

TEKIN

GorillaBob's
R/C with Original Attitude

castle

SAVOX

RACERS EDGE

NitroRCX.com
EXTREME HAS NO LIMITS

MULTIPLEX

AIRTRONICS INC

LSI

HOBBYTRON.COM

AMA
GROUP 100%

Liposack.com

HOTTERS

CALIFORNIA NATIONAL GUARD

Die Cast

RADIO CONTROL car action

MODEL Airplane
NEWS

electric flight



SCALE SQUADRON FEBREUARY



L to R: Joni Whitsett, Lary Wright, Ed Woodson, Gordon Truax & Tim Carden present Mike greenshields the Commander's Award for his past 2 year term.



Gary Glasband showed progress on BK Navajo kit glassing fuselage and wing. Gary loves building and as a new scale gy is doing a great job too.



Anand Patel shows off his big BH Storch and presented info on STOL configurations and information about the full size bird.

BELOW: Mike Greenshields, Squadron Commander & Ron Espolt, VVRCF Club President. (Victor Valley RC Flyers)



Gordon Truax presents scale competition information at the VVRCF club in Hesperia. The Scale Squadron board members were guest speakers at the meeting. **Below:** A younger VVRCF member accepting an award for most improved pilot.



2013 PHOTO REVIEW



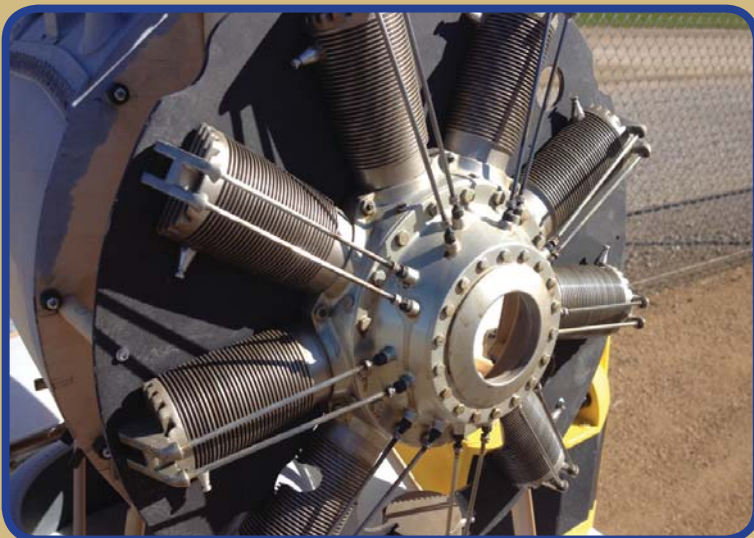
Larry Klingberg displays his new pontoons under partial construction. Larry has developed a mold system that ensures that both pontoons are exactly the same size.



VVRCF meeting has membership of all ages. Since the VVRCF meets at a restaurant, the meetings are a family gathering and that makes for more young people into the hobby.



Dawn Patrol Line up Saturday February 23 at the OCMA Field. Many Scale Squadron members participated in the first dawn patrol at this location. came up late in the day. **Below** Darryl's Mercedes engine for the DR-1 WWI fighter.



This beautifulle-Rhone engine is the handiwork of Darryl Bergstrom from the Oxnard area. Darryl is a retired machinist by trade. ironically to keep weight down, the cylinders are made from machined PVC Pipe. **Below:** Daryles Balsa USA Pup.



NASA Raffle Supports the 2013 NATS at AMA Headquarters Field



Hangar 9 Tigermoth ready for your receiver to be raffled off to raise funds for the 2013 NATS.

National Association of Scale Aeromodelers needs To raise funds to help with the expense of the Scale Nats operations. At last year's board meeting at the Nats, the board approved the motion to have an airplane raffle this year.

Horizon Hobbies donated an 88" Tiger Moth ARF, I donated a DLE-20 gas engine and Dick Petit donated his time (& digital JR servos) to assemble the airplane for us. Barbee Concrete donated the tickets.

Dick Petit was also instrumental in getting several other companies to donate items needed to complete the process. The aircraft is ready to fly, all except a receiver (Dick kept his receiver). Just add your receiver of choice.

The engine has been test run and adjusted. The aircraft is eligible to enter in fun scale competitions with the appropriate photo and any giant scale fun-flys (IMAA

Tickets are \$5.00 each, 3 for \$10.00 or 6 for \$20.00 and can be purchased from Mike Barbee, Mark Lanterman (thru the NASA website using PayPal) or Jim Martin. www.nasascale.org



Engine mounted and tested by Dick Petit. This is a great flying bi Plane too.

We can send any number of tickets to those willing to sell them. The drawing will be held Saturday night at the Scale Banquet at the Nats, July 13, 2013. We have acquired the Claude McCullough Education Facility building (by the AMA Museum) for the banquet again this year.

NASA is hoping everyone will help sell tickets and support NASA in our quest to make the Scale

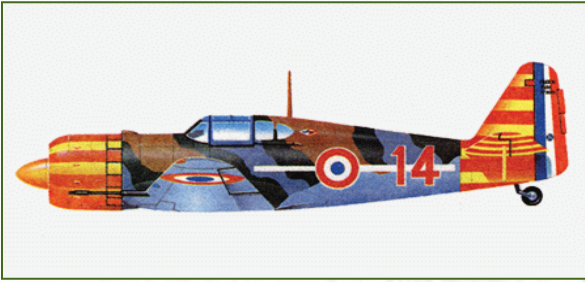


You can help support the NATS as well as NASA. See membership information on the NASA website. Click on this link to go directly to the NASA website.

www.nasascale.org

MYSTERY PLANE of THE MONTH

HINT: Don't let those markings fool you!



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

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

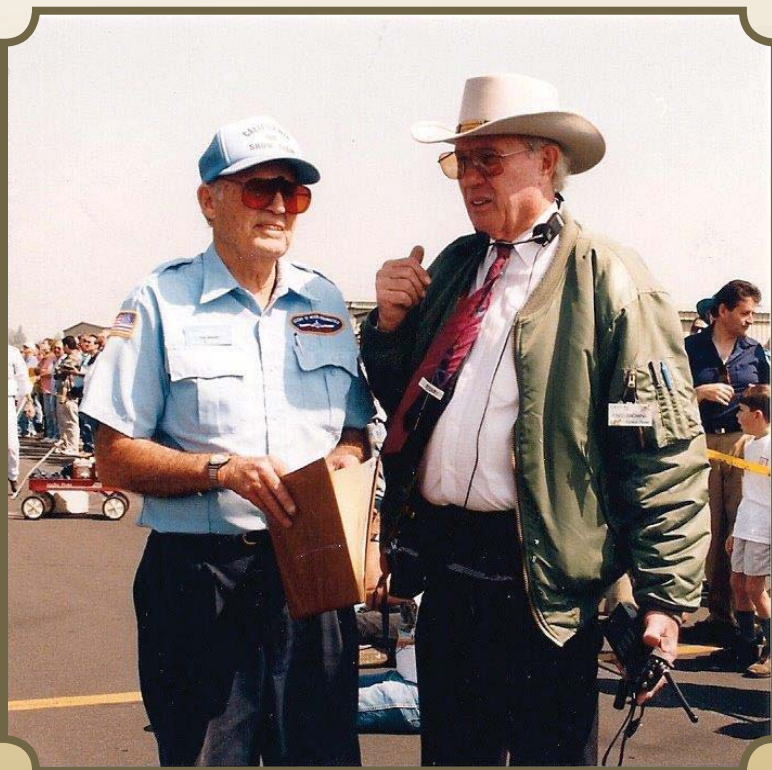
LOOKING BACK - SQUADRON MEMORIES

To well known past Squadron members discussing the airshow at the Santa Monica Airport.

Left to Right: George Normington, who started the California Air Show Team. Next to George is Fred Brown's. Fred was a past squadron commander and also the president of F. A. S. T. Flight school at the Santa Monica airport where the air show was held.

Both were very strong supporters of the scale squadron and had a colorful background. George Normington or Col. Normington was a B 24 Liberator bomber pilot in World War II. Past commander, Fred Brown's operated a successful construction company.

Both George and Fred were always looking for opportunities to present RC scale models at various full-size airport airshows. Most always featuring members from the Scale Squadron of Southern California. They are remembered and missed dearly.



Gary Vogel to Speak at Harbor Soaring Society

Gary Vogel will be the guest speaker at the HSS meeting Tuesday April 2, 2013 at the Round Table Pizza Place at Euclid and Warner in Fountain Valley at 7:00PM. Round Table has a special pizza price on Tuesdays.

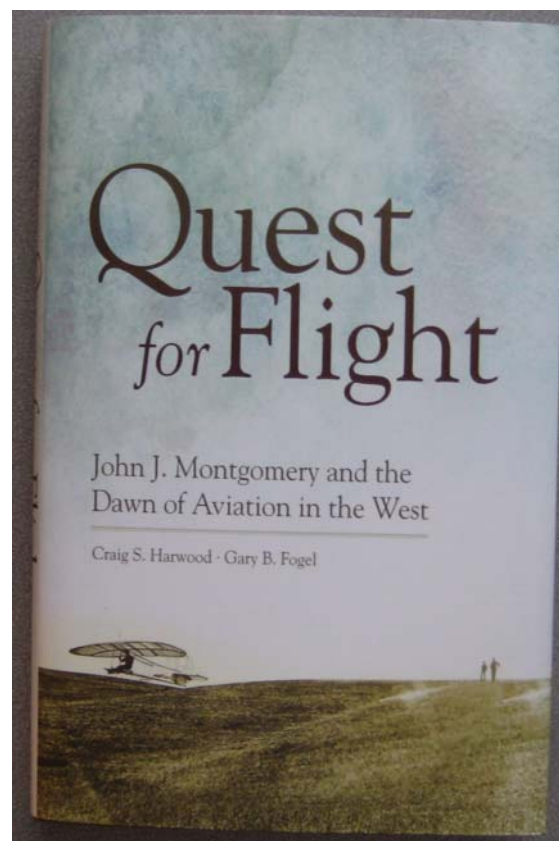
Gary co-Authored the book "Quest for Flight" with Craig Montgomery, and chronicles the actual start of flight by a gentleman who preceded the Wright Brothers 20 years earlier in 1883.

Gary's presentation is spell bounding and full of historical facts about early flight that has not been brought forward as the actual facts and history.

Gary was a featured guest speaker at the recent AMA Expo in Ontario.

Mark this date and I am sure Gary will bring copies of his very interesting book.

Editor



NEWS FLASH!

NEWS FLASH!