



# SCALE DIMENSION

OFFICIAL NEWSLETTER OF THE SCALE SQUADRON OF SOUTHERN CALIFORNIA

AMA Charter 1520 - Est 1977

MARCH 2018 ISSUE

www.scalesquadron.com



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A cool unusual scale subject: The Saab J21 fighter was a domestic attempt to provide the Swedish Air Force with a true high performance fighter. It's design was conducted during war years. A total of 298 were built in 5 variations. In 1947 it was converted to jet power.

## Commander Mike's Comments

### It's March!

I read that March is Spiritual Wellness Month. Now, I doubt this is what they meant, but spiritually I always feel a lot better when I'm modeling. And this is a GREAT month to get active. The weather's getting warm, more people will brave going to the field, and the garage is not so freezing cold!

So, let's shake off the winter freeze, wake up from winter hibernation, and celebrate March and what should be some great flying weather this month and go flying!

Last meeting Sam and Tim presenting a lot of good info on getting started in scale competition. And, I challenged everyone to put together their list of flight maneuvers. Here's a bit more on the subject. First, as you may recall, we noted that everyone must do a Take off and a Landing (in the same flight direction unless the wind officially changes during the flight), a fly by in the same direction as take off, and the flat figure 8. But really, have to put an additional 5 maneuvers into your flight pattern.

*Mike's article continued on page 4:*

### NEWSLETTER FEATURES THIS MONTH

- ★ GUNSMOKE  
SCALE QUALIFIER DETAILS  
March 15-18, 2018
- ★ Squadron Meeting Photos
- ★ Castle AFB Flyer
- ★ Delta Valley Warbird Fly-In  
Info
- ★ Earl Aune's F4U-5 Corsair  
parts.

### UPCOMING COOL EVENTS

Gunsmoke Scale Qualifier  
March 16-18, 2018

Scale Squadron  
Warbirds & Classics Event at  
OCMA Field June 15-17, 2018

Planes of Fame Air Show  
May 6-7, 2018

Top Gun 30th Anniversary  
May 2-6, 2018

4th Annual Castle Giant  
Scale Fly-In May 24-27, 2018

## The Scale Squadron 2018 Board of Directors

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Webmaster	Tim Johnson	timothy@johnson.us.com

### SCALE SQUADRON MEETING MAP & DIRECTIONS

Address: 17250 Los Jardines West - Fountain Valley, CA

**Next Meeting: Monday MARCH 12, 2018 7:00 PM**

<https://www.bing.com/search?q=17250%20Los%20jardines%20west%20fountain%20valley%2C%20ca&qsn=&form=QBRE&sp=-1&pq=undefined&sc=0-12&sk=&cvid=4B9C75CD7F824EB5ACEB99E1DCFC7BAF>

**Click on the Link above for Google Maps and Directions**



## EDITOR'S NOTES FOR MARCH 2018

Sam Wright, Editor - Looking for Content, Articles & How to Tips related to Scale Modelling



Moving into March, I realize how fast time flies when you have a shop full of unfinished airplanes. As an example the F9F Cougar on the bench is a Jet Hangar 1/9th scale jet. I forgot how long ago I started on this with Larry Wolfe's expertise and guidance.

But once pulling it down from where it was hanging, I got back into it full steam ahead. This one will be powered with a 90-mm Jet Fan or EDF. The gear are scale with brakes and maybe the most difficult item to find from a guy by the name of Ed Tobias. I am sure Jet Hangar still has access to them.

—This is a great project and doesn't require a trailer like my other fleet to get to the field and still available along with the Panther, A4 Skyhawk and F4 Phantom from Jet Hangar Hobbies or Larry Wolfe.

My point here is not to brag on Sam's airplanes, but to maybe make you aware of something in the rafters that need your building attention and needs to be revived. I know we are all guilty of accumulating more than we can build in our lifetime and that is the fun part of our hobby.

Speaking of that, remember that you are always welcome to bring your projects large or small, Free Flight or Powered to the meeting in any shape from plans and a pile of wood to up on it's wheels. We want to see all projects and finished scale birds. Many timers having a model at a meeting or some old plans is all it may take to get one of us off our seat and get back into the shop to revive or finish a scale project.

Let me not forget that our band of scale nuts has a cadre of skilled scale builder's and competitor's in the group that are always able to lend a hand. Sometimes the reason we stop on a project is we are stumped by an assembly or a better way to do something like hide wing servos. Believe me, the answer is in the room, just ask and you will be amazed at the help that will come forward.

That is what we are all about whether just hanging out, flying for fun or serious about scale competition!

2018 Squadron Dues - Re-Up Now! Still only \$30.00 includes the monthly newsletter, Magnetic name tag and FREE Christmas Party! Pay online with PayPal.

Go To: <http://www.scalesquadron.com/membership-application>

[Click on the website link to go directly to the website and also renew your 2018 club dues with PayPal.](#)

***You have enemies? Good. That means you've stood up for something sometime in your life. Winston Churchill***

*Commander's article continued from front page:*

Follow this link to a spectacular Scale Flight Maneuvers book that is free at the Scale Masters Website

<http://www.usSCALEmasters.org/forumsmf2/index.php?action=dldir;sa=details;lid=20>

You'll find a lot of great insights on how to perform these maneuvers and aerobatics in a way that will impress the judges!

Here's some maneuvers I practice, There's 10 here, you only need 9:

1. Take off (Required)
2. Fly By (must be in the same direction as the take off) (Required)
3. Procedure Turn
4. Climbing 360
5. Split S
6. Flat 8 (same direction as the take off) (Required)
7. Turn around a point (maintain altitude while making a 360degree turn with about a 60 degree bank as the airplane turns around a stationary point) Typical Civilian maneuver
8. Descending 180
9. If you're flying a warbird, a victory roll here instead would be great.
10. Landing (Required)

Make a list of maneuvers you think you might be able to do and practice flying the maneuvers on your list. I think you'll find it's a lot of fun!

### **Warbirds and Classics:**

Warbirds is coming. Lots of new developments. Yes, the event requires volunteers, and Yes, it should be a BLAST! We have a sanction, a small ad in the AMA magazine events section, and a coordinated effort to make sure we get the word out about the event! Should be FUN. Mark the dates, June 15-17, 2018

Want to get in a little scale fun fly practice, the PVMAC is having a one day Saturday April 14, 2018. A nice scale event in April 13 to 15th. Here's a link [http://www.pvmac.com/PDFDocs/2018\\_PVMAC\\_Scale\\_Fun\\_Fly\\_Flyer.pdf](http://www.pvmac.com/PDFDocs/2018_PVMAC_Scale_Fun_Fly_Flyer.pdf)

Popular field with a big runway. Should be a nice weekend!

I hope to see you and your latest projects at the meeting! We'll see you there and at the meeting this coming Monday!

Happy Landings,

**Mike**

Scale Squadron Dress Black shirts and Grey Polo Shirts with a pocket are still available. See Mike Greenshields. Most Polo Shirt sizes are in stock. A limited supply of Black shirts are available without a special order.

# WARBIRD FLY-IN IN LODI, CA

Delta Valley Modelers

Invite you to our  
annual

## Warbird Fly-in

April 28<sup>th</sup> 2018



Gates open at 8am and flying starts at 9am after pilots meeting on runway 30L. Registration is \$15.00 and you must have a current AMA card. Any and all types of War Birds are welcome.

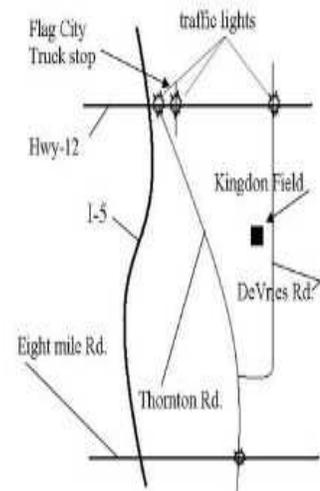
Kingdon Air Park

12145 North DeVries Road,  
Lodi, Ca.



Lunch will be served at the  
event

Our thanks to Kingdon Air Park and  
Delta Flying Club for the use of their  
runway.



# FEBRUARY SQUADRON MEETING PHOTOS



Tim Cardin (left), Sam Wright (right) Presenting the in and outs of scale competition and the upcoming Gunsmoke Qualifier in Arizona.



Sam holds up one of his calling cards that he hands to his caller when competing. Sam also uses this at the field for regular flying to fine tune the routine to cut down on sweating in front of the judges.....



Eye Candy! Tim Cardin's new DA 100 Twin gas power plant for his newest project, a Comp ARF Composite P51.



Larry Klingberg explaining the details on his unusual next radial engine Bi-Plane project. I didn't catch the name, but the small photo is of the real aircraft..



Got photos of your scale project? We will gladly post them here.

# Gunsmoke 2018

## Scalemasters Qualifier



Hosted by The One Eighth Air Force March 16, 17, 18, 2018

Competition in 5 Classes:

Expert, Team Scale, Advanced, Pro-Am Pro, Pro-Am Sportsman

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Friday: Static Judging - 10AM to 3PM

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

Awards Ceremony Following the Flight Rounds

Entry Fee: \$40      Spectator Parking \$6.00 per Vehicle

Food at Concession Stands available Sat & Sun

Free Coffee & Donuts Friday Morning for early arrivals

Pizza & Wings Friday Night

Registration available on line at RC Flight Deck.

[WWW.RCFLIGHTDECK.COM](http://WWW.RCFLIGHTDECK.COM)

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Contest Director: Paul Goldsmith 602-323-7753 [PT19Nut@aol.com](mailto:PT19Nut@aol.com)

Asst. C. D. Austin Goodwin 480-215-5446 [N4351X@aol.com](mailto:N4351X@aol.com)

1/8 TH Air Force Commander: Rick Marshall 623-300-7781

[rjmarsha@cox.net](mailto:rjmarsha@cox.net)

John Geyer 1/8 TH Air Force Liason: 602-810-1767

[jegeyer@centurylink.net](mailto:jegeyer@centurylink.net)

[www.usscalemasters.org](http://www.usscalemasters.org) + [www.ocaf.org](http://www.ocaf.org) +

[www.azmodelaviators.com](http://www.azmodelaviators.com)

→→ 21<sup>ST</sup> ANNUAL →→

# **4<sup>th</sup> Annual Castle 2018 ~ Giant Scale Fly-In**

**HOSTED BY  
AMA CLUB 4021 ~ “CENTRAL CA MODEL FLYERS”**

**Castle Airport, Central California, off Highway 99**

**May 24<sup>th</sup> to 27<sup>th</sup> 2018**

**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](mailto:scottmalta@comcast.net) (209) 617-5789**

**Rick Maida, (CD) – [mrcorsair@usa.net](mailto:mrcorsair@usa.net) (408) 460-1526**

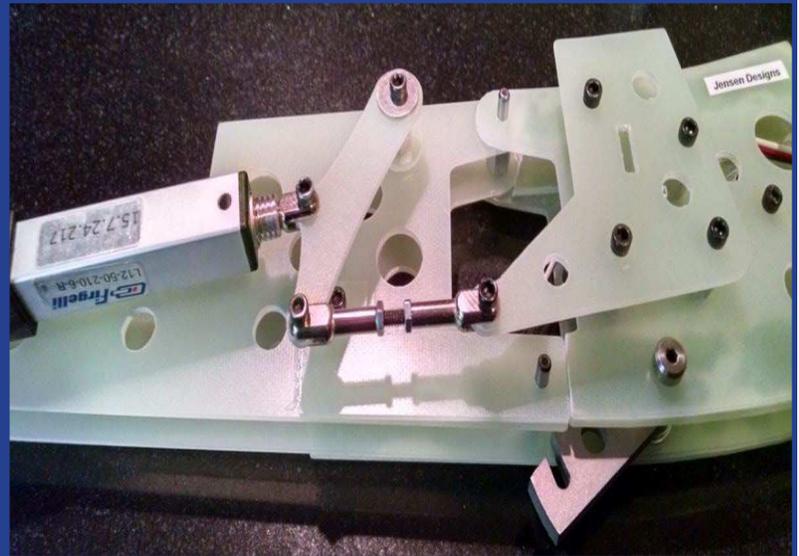
# Jerry Bates F4U-5 (1:5.5 Scale) Corsair Parts from Earl Aune of Jensen Design.

Most of you may remember the announcement last month about the newest release from Jerry Bates Plans, the 1:5.5 89.5" wingspan F4U-5 Corsair. This particular design is from the prototype built by former National Chairman of the US Scale Masters, Earl Aune of Jensen design.

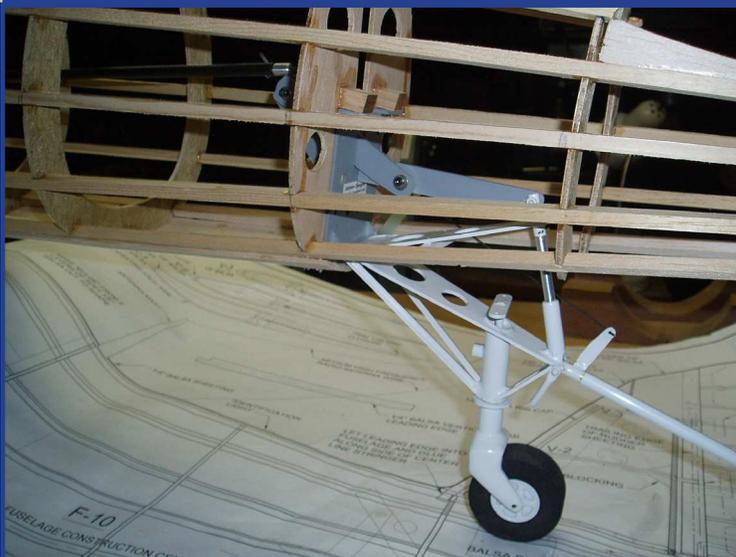
Earl provided me photos of the folding wing mechanism and tail wheel he provides for that model.. You may contact Earl by email: [earlaune@comcast.net](mailto:earlaune@comcast.net) - Jensen Designs LLC, Vancouver, WA



The folding wing mechanism for the F4U-5. Note locking lever in the lower part of the mechanism.



Another view of the wing folding mechanism extended. Note the actuator that folds and unfolds the wings.



Another specialty of Earl's is the scale Corsair retractable tail wheel and arrestor hook for the Jerry Bates F4U-5 Corsair.



Earl's completed F4U-5 Corsair Night Fighter with the wings folded. Full up weight is 32 lbs.