



Northwest Scale Aero Modelers



VOLUME 5, ISSUE 3

Jul-Sep 2015

~ Director's Corner ~



~ Mike Ingram ~

The 2015 Contest and flying season is well under way. I had the honor of attending the first NW Scale competition on May 29th – 31st, in Shelton Washington. The event was hosted by the Sanderson Field R/C Flyers , and we had 23 entries. Tom Strom Jr. will have more coverage from the event in his column. All I have to say is **GOOD JOB!**

Our second event of the season is right around the corner on June 19th – 21st, in Athol Idaho. Tim McGee is the CD, and this will be the 3rd year for the event. Tim has been busy making improvements to his field, and now boasts a 1000' grass runway! I hope to include event results in this Newsletter, but if not, they will definitely be in the next. Tim will have more info on the event in his column.

Things are truly shaping up to be our best year yet! Your Area Coordinators, Vice Director, and Director have all been busy in their respective areas. We are in the process of improving the flight score sheets, which we hope will help improve overall flight scores. Each maneuver still has a maximum score of 10, but is scored based on precision, placement, and the realism of the maneuver. We still have some bugs to work out, but initial feedback was positive.

Speaking of Area Coordinators, please welcome Scott Crosby to NWSAM as the Alberta Area

Coordinator! Scott brings a great deal of experience & enthusiasm to NWSAM. Welcome aboard!

Check out the NWSAM web site. There have been some changes and additions made to improve user friendliness. Thanks Roly and Paul for making those improvements! There are a lot of competitive and noncompetitive events on the schedule this year. We are striving to update the web site frequently to keep things current. Let us know what you think.

The 5th Annual North West Scale Aero-Modelers Championship will be here before we know it. Del Herring is the CD and reports things are coming together. Remember, the Championship is a 4 day event starting on Thursday August 13th, and going through Sunday August 16th. Event flyer and details are available on the website. Eligibility scores are posted for the 2015 Championship, so if you want to know what scores you can use, take a look.

On a personal note, by this time next year I will be retired. Terri and I have decided to relocate to Wenatchee for our Golden years. We have purchased a house, and I am not looking forward to moving 35 years of stuff. It's probably a good thing I'll be retired! I want to thank my good friends Del and Delas Herring for putting us up while the home search was in progress. I am excited about being a full time Red Apple Flyer! Terri will finally get her a Moki!

That's about all I have for this edition. As always, I look forward to seeing old friends and meeting new ones!



Terri's Moki



My Moki

~ Vice Director ~



~ Paul Fleming ~

Our 2015 season is off to a successful start! The Sanderson Field R/C Flyers Qualifier was more than a success, and had two new judges qualify, as well as trained two more up to the point they are ready to take their tests!

I would like to request each of us try to bring one guest who is interested in scale flying to one of our events this year. Show them we have a place for them, at whatever level they are interested in. Not everyone may want to fly, but what may interest them is being given the opportunity to train to become a judge. If we don't bring them out, they may never hear of us, and if that happens... we both lose out.

As a way of getting the word out about NWSAM, many clubs allow their members to do a slide show presentation at regular meetings. I will prepare a presentation on and about NWSAM, and have it ready at this year's championships in Wenatchee. I will then make it available to anyone who would be willing to make a presentation to their model airplane clubs. I would also like to ask people to be an ambassador for NWSAM, reach out to any nearby model clubs, and offer to make the presentation.

NWSAM jacket patches are available at most events, and I would encourage everyone to wear one on their favorite flying apparel. We also have small and large stickers for tool boxes, and trailers. It is great advertisement when we participate in various fly-ins, and fun fly events. We are a quality organization, let folks know you belong!

~ Contest Report ~

Sanderson Field R/C Flyers Scale Rally and Qualifier

On May 29th through 31st, 2015, the Sanderson Field RC Flyers hosted our first scale contest and United States Scale Masters Association qualifier. Setup began Thursday with lawn mowing, concessions setup, and other field prep, and contestants began showing up Thursday afternoon. By Friday we had 22 pilots in attendance! Pilots came from as far away as Eastern Washington, Idaho, Canada, and Oregon. Static judging at test flying went on all day Friday, and five classes were flown over the course of Saturday and Sunday, with aircraft ranging from WWI biplanes, golden age racers, agricultural aircraft, WWII warbirds, and modern military aircraft. Saturday proved to be a bit challenging for pilots with strong sustained and gusty winds. Sunday was a much better weather day, with four rounds being flown over the weekend. Concessions were provided all weekend by the lovely wives of the Sanderson club, and a pizza dinner was held Saturday night for contestants. All of the entrants had a great time, and are looking forward to coming back again next year! A huge thank you to all of the club members and wives that came out and helped with set up and tear down, judging, concessions, first aid, and all of the other miscellaneous jobs there were to do! A special thanks to Royce Tivel for handling the photography all weekend! These events would not be so successful without everyone's help! Another big thank you to Valley View RC for providing all of the prizes for the end of contest raffle! Here are your winners for the weekend.

High Static Judging: Tie between Mike Brewer with his Stinson, and Bob Benjamin with his Taylorcraft

High Flight Score: Randy Smithhisler with his Cub Coupe

Pro-Am Sportsman: 3rd Place, Rick Wood (Piper Pawnee); 2nd Place, Bob Beatty (P-39 Aircobra); 1st Place, Marc Winz(Piper Pawnee)

Pro-Am Pro: 3rd Place, Paul Haynes (Sopwith Pup); 2nd Place, Gary Ritchie (Yak-54); 1st Place, Mike Ingram (Laird-Turner Meteor LTR-14)

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Advance: 2nd Place, Del Herring (Ercoupe); 1st Place, Mike Ingram (Chipmunk)

Expert: 3rd Place, Randy Smithhisler (Cub Coupe); 2nd Place, Bob Benjamin (Taylorcraft); 1st Place, Mike Brewer (Stinson)

Team Scale: 1st Place, Bob Benjamin (Pilot)/Randy Smithhisler (Builder) (Piper J3 Cub)

(Submitted By: Tom Strom Jr.)



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**Washington West
Coordinator:**
Robert Bailey

The North Idaho Scale Qualifier event was held on June 19th – 21st, and was well attended with about 16 entries participating! There was some wind, but otherwise great warm weather! This is the second year at this incredible facility which boasts an 1100' smooth grass runway, and is right across the street from the Silverwood theme park! Huge thanks to CD Tim McGee! Results will be coming soon. Here are some pictures from the event.



Washington East ~ No Article Submitted ~

Coordinator:

Del Herring

Oregon

Coordinator:

Scott Enochs

This news is a little late getting out, but I wanted to make everyone aware of a new USSMA score sheet option, and flight judging feedback symbols available for 2015. Please see my post on this subject in the

“Flight Line Chatter” USSMA Forums. The essence of the change, is that the score sheet has columns for the “Precision”, Placement”, and “Realism” content for each maneuver. Again, please see the post for options on how to use the sheet. Copies of the score sheet, feedback symbols, and guide to use of the symbols are attached to the post. A copy of the optional score sheet is also included in the USSMA 2015 Competition Guide, but development of the symbols was a bit late to get them included in the Guide. It’s very important to note that this is a change to the score sheet only. It does not change any of the scoring content/criteria for maneuvers 1 - 9 or maneuver 10 Overall Flight Realism. Also, it is an OPTION....no one has to use it if they prefer the traditional score sheet. It is intended to help judges provide better feedback to pilots and for pilots to better understand the scoring content. I also hope it might help judges to more accurately score a maneuver and aid in consistency between judges. I plan to use and evaluate the new score sheet and flight symbols at the Oregon Scale Fly-In & USSMA Challenge in July.

Fly-A-Ways RC Club in North Plains, OR will be the site of a half day Scale Competition Tutorial and Judges Refresher on Saturday June 27 from 1pm to 5pm. Call it what you will, a “Tutorial” or a “Scale Starter”, it’s intended to help scale enthusiasts interested in competing or judging in a Qualifier, to understand all the basics. Hopefully we’ll have some new contestants on the flight line in July, and judges in training as a result! The Tutorial is 2 weeks prior to the Qualifier.

Looking ahead to the July event, Fly-A-Ways has made some significant field improvements to address safety concerns that have been voiced over time. The pits and spectator areas have been pulled back from the flight line and now meet or exceed the AMA recommended set-backs. We’ve also installed a 12’ X 46’ metal lean-to shelter and have a brand new information kiosk with pin board, club publications, and safety items. New metal pilot protection barriers are also in place.

On a closing note...Mike Brewer brought his giant scale C-47 to Fly-A-Ways for a test flight on the Tuesday after Memorial Day. What a beauty! (The C-47 folks, not Mike J). Grey skies throughout the morning gave a terrible backdrop, but the skies started to clear in early afternoon just enough for Mike to get airborne for a shakedown cruise. Pictures below.



Alaska

Coordinator:

Open

~ No Article Submitted ~

Montana

Coordinator:

Open

~ No Article Submitted ~

Idaho

Coordinator

Tim McGee

~ No Article Submitted ~

British Columbia

Coordinator:

Roly Worsfold

I see growth in RC Scale Aero-Modelling in the North West with more events from 'Fun Scale' to 'Competition'.

Hopefully you will attend an event and help promote RC Scale Aero-Modeling with your club. These activities help to promote the hobby, support the RC Model industry and provide new members for AMA and MAAC.

Enjoy the hobby and the summer weather.

The following is a short note from the NASA news letter from John Boyco (with permission) I thought it was a very good explanation of what 'Top Gun' is all about from a new or prospective competitor. Scale events in general are very similar with the 'Social Aspect' being most important.

National Association of Scale Aero-Modellers - <http://www.nasascale.org/>

Replica Newsletter: <http://www.nasascale.org/replica/Replica-2015-0506.pdf>

What is it like to fly at Top Gun? The first thing you notice is just the size of the event. Most everyone makes a remark that the size of the venue is much larger than most other scale contests and fly-ins.

There is the asphalt runway and parallel grass strip. Looking across the blacktop is the Florida Air Museum where Sun'N'Fun is held the week before. Back from the runway are very large tents where multiple airplanes and pilots call home for 5 days. The airplanes are amazing. It seems that every year several new birds show up that are unique and make

Top Gun.... well Top Gun!

In the air there is feeling, a feeling that you and your model are on a world stage. There is also the size of the weekend spectator crowd. The great weather brought large crowds on the weekend, which can get your blood pumping as much as flying in front of the judges.

Yet there is a feeling of family, a reunion of sorts, a extended family where the common bond is the love of aviation, both in model form and full scale.

Throughout the day when you're not flying or working on your bird, you're helping other guys in the tent get ready for their flights. All the while stories are shared back and forth about what happened in the last year, "Hey did you see this" stories, what the next project is, or how solve a problem.

When something breaks, there is a sudden crew of people show up to help get your bird back in the air!! Yes, it's a competition, and it is Top Gun, but everyone wants to see everybody have fun, and do well in the contest.

Both the first timers and older vets say, that is more about seeing everyone do well than it is anything else!

That is the best part of being at Top Gun - everyone pulling for each other, even if it's they are in your class.

The biggest misconception about getting invited to Top Gun is that you have to be some kind of super-wiz-bang-super-pilot/builder. That is simply not true.

Several of the newer pilots remarked how everyone was so helpful and willing to share and help each other out.

You do need to be willing to send Frank Tiano a note telling him that you're interested in a shot at Top Gun.

In FACT all of us who are out doing contests and fly-ins love to see new guys come out and join the family.

It is a different challenge, but we are all here to help in any way we can!

Alberta

Coordinator:

Scott Crosby

Hello from Alberta, Canada!

My name is Scott Crosby, and I have been asked to represent the NWSAM here in Alberta. I have been involved in the R/C hobby for over 40 years. I started building and flying scale 5 years ago. Prior to that, I was a competitive pattern, and 3D aerobatic pilot in the 150cc class.

Scale building, flying, and competition have started to make a comeback here in Alberta! We have two seasons in Alberta, Flying and Building. The building season is over 6 months long! Our main goal is to get people interested in the building, flying, and the competitive flying of scale R/C models. Eventually, we would like to hold an Alberta NWSAM qualifier.

Over the past few years, the Edmonton Radio Control Society (ERCS) has hosted a scale fun fly with the intention of getting modelers old and new interested in scale building and flying. The attendance and participation has been growing every year! This year ERCS will be holding a Scale Rally (June 22-23, 2015) with a pilot station dedicated for those who wish to try their hand at competitive scale flying. This event will also have a Fun Scale category; MAAC has implemented several initiatives to kick start scale competition here in Canada, Fun Scale is part of this plan.

The Fort Saskatchewan R/C Club is hosting the first annual Prairie Patrol Scale Rally (Aug 21-23, 2015) this event is open to all scale models, warbirds and civilian. Again, the goal here is to get people interested in scale building and flying! Come enjoy a great weekend of flying! Dry camping is available at both fields for those who wish to stay overnight, or come in to Edmonton for the weekend. We look forward to seeing you!

Have a great summer!
Scott

~ Member Spotlight ~

Jack Collins

Submitted By: Mike Ingram

Jack is our oldest competitor at 88 years young. He tells the story of receiving a \$5 ride in a J-3 Cub at about age 4 or 5. His father was also an aviator, who had learned to fly in 1923. Jack has memories of a loud airplane flying low over his house and his mother saying "there's daddy" as Jack ran to the front yard. Jack remembers assembling dime store stick and tissue kits, which did not always fly. As Jack got a little older, he began delivering the "Shopping News" and made enough money to purchase the .25 cent kits. He also discovered "Air Trails" Magazine, which contained the "how to's" of model building and flying, which at the time was the Holy Grail of magazines. Having some success with these expensive silk and dope models further peaked his interest in modeling. Jack remembers building models like the Comet Clipper, The Zipper, Korda Wakefield, and Flying Cloud. Jack had a chance meeting with a gentleman by the name of Pete Bowers, who was the same Pete Bowers who was responsible for the homebuilt Fly Baby. With the encouragement of Mr. Bowers, Jack purchased an Ohlsson .60 gas engine, and installed it in a model called "Guff", which was built from a set of free Air Trails plans. She was a 72" all balsa beauty Jack recalls. Jack had a fair amount of success with the "Guff", and flew it successfully for about a year during his sophomore year in high school. During this time Jack discovered the "GIRL".

Along came WWII, and Jack initially made several solid models, that the military used to help pilots ID enemy or friendly aircraft. When the military ended the program, Jack joined the Navy and became an aviation mechanic and gunner.

After WWII, Jack attended University of Washington until the "GIRL" (Marilyn) he discovered in high school said yes. Jack was a happy man. A few years later Jack discovered R/C, and continued modeling as the company he worked for moved him to Oakland California. Fast forward a few years, and Jack left the corporate life and purchased a business in Grants Pass Oregon.

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ERCS SCALE RALLY

(FUN FLY)
JUNE 27TH AND 28TH SAT. & SUN. 2015

BREMNER Field
9:00AM START

OPEN TO ALL SCALE & STAND OFF SCALE AIRCRAFT (including ARF's)

This year in addition to the Scale Fun Fly *CONCESSION—PRIZES—RAFFLE—PILOTS CHOICE*
An optional "FUN SCALE" judged event
Trophies to 3rd place

One pilot's station reserved
for those willing to be judged



LANDING FEE \$10.00 optional competition included in fee
Dry camping available for the weekend no charge
Community BBQ and Campfire Saturday night June 27th
Bring your own food and refreshments
We're here as a "group" to have fun
Current MAAC or AMA required to fly



For more info call Scott 780-850-6163 or Rick 780-991-1000
See website for directions (www.ercs.ab.ca)



After a short stint in Montana, Jack and his wife moved to Seaside Oregon and have resided there for the last 38 years.

Quite some years later the "GIRL" became ill, and Jack put his modeling aside to care for his wife until her passing. After Marilyn's passing, Jack took up flying again with his old friend Mike Brewer. Mike Brewer asked Jack if he wanted to accompany him to a contest in Snohomish Washington, and Jack went along for the Ride. This was the first event where Mike Ingram and Mike Brewer "Teamed" up with Mike Brewers Stinson, and became Team Mike squared. Jack was hooked on the scale stuff, and wanted to compete with his model of a Piper Cherokee. Jack practiced and practiced. He was ready for the big time. Unfortunately the Piper Cherokee met its demise just before the contest. Now wanting to admit defeat, Jack was encouraged to enter his Sig Kadet Senior which kind of looked like a Cessna 172. Jack flew his rounds and received a well-deserved eligibility score which would enable Jack to compete in the NWSAM Championship. Although Jack did not finish in the winner's circle, he has vowed to return with a new improved scale airplane, and give us all a run for our money. I have it on good authority that Jack has a shiny new J-3 Cub, with a 10cc gas engine. Jack, I'm going to hold you to your word, and look forward to seeing you in May in Shelton. I guess I better get some practice in, and bring the "A" game. Thanks my friend!

~ Jack flying his Cadet in Snohomish, WA ~

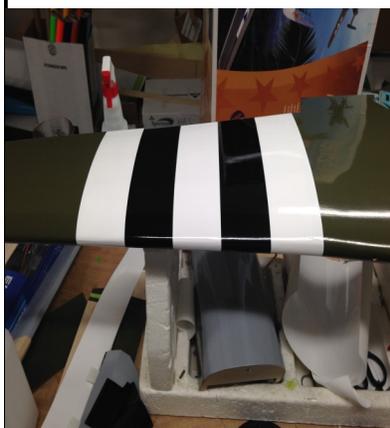


~ Build Thread ~

Hangar 9 B-25J

By: Tom Strom Jr.

Hello everyone! I wanted to share my experience of converting the Hangar 9 B-25 Mitchell from American markings to British, as well as adding interior details, and custom artwork. I began this build by removing all of the American markings that were on the aircraft. Once that was complete I went to work on the invasion stripes on the wing and fuse. I did this by picking a fixed place on both wings and the fuse where I could make some accurate measurements, and determined how wide I was going to make each stripe. I marked out the entire width, and measured inside of each line by 1/4". This would give the lip I needed for the new covering to bite to. I added the white in solid pieces top and bottom of each wing panel, as well as a top, bottom, left, and right side on the fuse. I then measured and hand cut black strips to be added to those white panels. I applied these the same as the fuse. I have posted some pictures below.



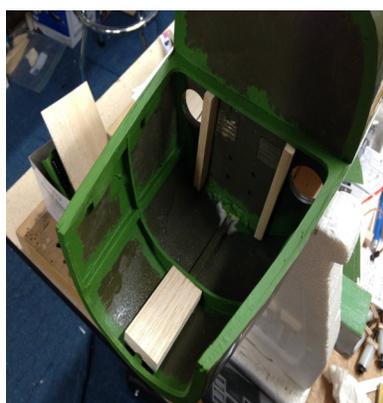
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Once completed with the fuse, wings, and flap sections, I moved on to the retracts. I added the EFlite 60 to 120 size mains, and the 60 to 120 size 105 degree nose unit. Robart Robostruts were added for additional scale, and I used the heavier duty versions on the mains due to the aircraft's weight. Once this installation was complete and working, it was time to move on to all of the interior goodies!

I chose to go with the cockpit, nose compartment, and gun detail kit available from Dynamic Balsa's website. This is a great detail set, but requires quite a bit of work to make it really stand out. I started by washing all of the plastic and resin pieces in a solution of water and dish soap, then rinsed everything with luke warm water. This helps to remove all of the mold release agents that may be left on the parts. From there, I applied all of my green and black base coats. Once dried, I went to work on all of the hand detail painting, and weathering. I added some details like accurately sized maps in the map pouch, gun sight to the top turret, switches and levers on throttle quadrants and consoles. This took quite a bit of work, but well worth it in the end. Before the pieces could be installed in the aircraft, some major dremel and saw work needed to be done. I then even tracked down a pair of Top Flite B-25 dummy radials in Europe, as I felt those added a much greater level of realism than the stock set. Pictures below.



To finish off the build, I installed Futaba RX, HiTec servos throughout, dual Futaba switches going to the RX, and both powered by 2s 3000mah LiFe batteries for a full redundant system. An aircraft this big with this many servos, it's nice to have a backup plan. For power I used two Turnigy .46 size electric motors with Turnigy 80A ESCs, each being powered by a Tunigy Nano Tech 5s 4000mah LiPo. Props were Master Airscrew 3 blades. Markings were from Major Decal, and the nose art, German kill markers, ship, and locomotive kill marks were all custom made by my secret vinyl guy. Hope you guys enjoyed this build thread, and look forward to seeing you all out at the field again soon!



~ Northwest Scale Aero Modelers Staff ~

Director: Mike Ingram

Vice Director: Paul Fleming

Membership/Treasurer: Terri Ingram

Head Judge: Doug MacMillan

Marketing: Gus Phillips

Newsletter Editor: Tom Strom Jr.



~ Happy Flying Everyone! ~

Upcoming in the next issue;

More great scale event results and photos

District News

Member Spotlight

Build Threads