



## ~ Director's Corner ~



It's hard for me to believe that it's already March & spring seems to be coming early. I just had both of my transmitters upgraded & I am looking forward to some practice before the first event. The first Northwest event will be in Shelton Washington on the 29<sup>th</sup> – 31<sup>st</sup> of May. Tom Strom will be the CD for the event & I hope we can have this venue as an annual event. Please take a look at our NW contest line up for 2015 on the web site under the events tab.

I've been seeing a lot of building activity by our members which tells me we are in for a phenomenal year! There has been a lot of activity behind the scenes in preparation for our 5<sup>th</sup> Annual NWSAM Championship. Del Herring is the CD & he has been busy preparing for 50+ contestants at the Championships. The decision was made to once again make the Championship a 4 day event. The NWSAM Championship is scheduled & sanctioned for the 13<sup>th</sup> – 16<sup>th</sup> of August, and will be held at the Red Apple Flyers field in Wenatchee Washington. I hope to see our members at the contests around the Northwest! Remember, you need an eligibility score, not

a qualifying score for the NWSAM Championship. If you competed in last year's NWSAM Championship, you already have an eligibility score for 2015. If you think you can improve that score, I'll see you at some of the events!

I want to thank all of the Area Directors for their dedication to NWSAM. Your hard work & dedication is paying off in many ways. We have been contacted by several Clubs wanting information & wanting to be a part of what we are doing. I think this is a huge testament to the type of program we have & that our contestants are enjoying the hobby & having fun at our events. We received a lot of positive feedback at the Northwest Hobby Expo in Monroe Washington in February. We are already making plans to have our own booth for 2016. I want to thank Paul Fleming for orchestrating things at the Expo. I will be retired by this time next year & I am looking forward to attending many more events. More on what's happening in your area in the Area Directors reports. The first event of the 2015 season will be in the books for the 3<sup>rd</sup> quarter NWSAM Newsletter.

## ~ 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.



## ~ Vice Director ~

So far this year things seem to be pretty well on track. Our membership is growing and our event list is starting to fill the calendar. This year we may even be able to work in a couple of training events to help qualify judges and show potential pilots the events and competition are friendly and fun.

Last month at the Northwest Model Expo our AMA regional Vice President Chuck Bower generously allowed NWSAM to have a presence in their booth. I had the opportunity to discuss scale modeling with many modelers. What most liked to hear was our approach to competition that it must fun, friendly and fair. We do it this way because it is the culmination our scale building efforts. To fly with others like ourselves who can appreciate and enjoy our aircraft. Our low stress approach resonated well with most of the folks I talked to. It is important we invite non members to accompany us to our events. A first hand look at the way we do things will convince most this is a pretty good outfit to get hooked up with.

Our first qualifier for 2015 will soon be upon us. The Sanderson Field RC Flyers will be hosting the Scale Rally and Qualifier 29-31 May. We are planning a training event for 18 April. If you have not been contacted to participate as an advisor/instructor and would be available to help please contact me at 253 225-0780. The positions we will be training are Flight and Static Judges. We will have experienced pilots to discuss how to select maneuvers and fly them correctly.

Judges being trained will practice evaluating both qualified pilots and pilots learning the ins and outs of competition flying. From personal experience this is the easiest way to get into the game there are plenty of time for do-overs and discussions it is a really good way to get ready.

In closing I'll drop a few pictures of the scale aircraft at this year's Model Expo. I do not seem to find the list of modelers that built those planes so I apologize. Please enjoy their efforts.

Paul Fleming  
Vice Director





## Washington West Coordinator: Robert Bailey

Things have been a little quiet up here in Western Washington this off season, with both of our fields being recently shut down. However, the Cascade Miniature Aircraft

Association field is now back up and running. We had a great time flying scale there recently, and the Emerald City RC field is hoping to be re-open in April, after significant, costly, and ridiculous requirements by the county to obtain a "Use Permit". All of this is the result of a complaining neighbor. It has cost the land owner approximately \$20,000 in county permits alone, not to mention the surveys, land development, etc. Here is a link to an interesting article on this subject from the local newspaper. [http://www.snoho.com/stories\\_2015/021115\\_snohomish\\_rc\\_flyers\\_versus\\_ducks.html](http://www.snoho.com/stories_2015/021115_snohomish_rc_flyers_versus_ducks.html)

(FYI, don't believe anything the complainants say.)

Because of this, we are not sure if we will be holding any scale events at these fields this year. However, the annual scale rally and USSMA Qualifier have been moved to Shelton, WA. Contest director for this event will be Tom Strom Sr., and a flyer will be posted at the end of the newsletter.

Bob Bailey

(253)579-4068

Western Washington NWSAM Coordinator

## Washington East Coordinator: Del Herring

The Wenatchee Red Apple Flyers with again host the 2015 North West Scale Championships on August 13-16. Because of the growing number of pilots, we are extending to 4 days. The

13th will be static judging and practice flights, with 2 rounds on the 14th, 2 on the 15th and 1 round on the 16th, followed by an awards presentation. We anticipate 3 to 4 flight lines, and will be looking for certified judges, and lots of pilots. The CD will be Del Herring and you can contact him at [del.herring301@gmail.com](mailto:del.herring301@gmail.com) for more information.

After attending the National AMA show in Ontario, CA, and the NW Expo in Monroe, WA, I will pass on the latest from the AMA on our ongoing dealings with the FAA. At present we find ourselves, nearly seven years after the process began, looking at a proposed rule from which, for the most part, model aviation is exempt. It appears AMA and the FAA found a way to regulate model aviation by exempting it from regulation. At the moment the 195 page proposed rule, at first glance is being viewed with cautious optimism.



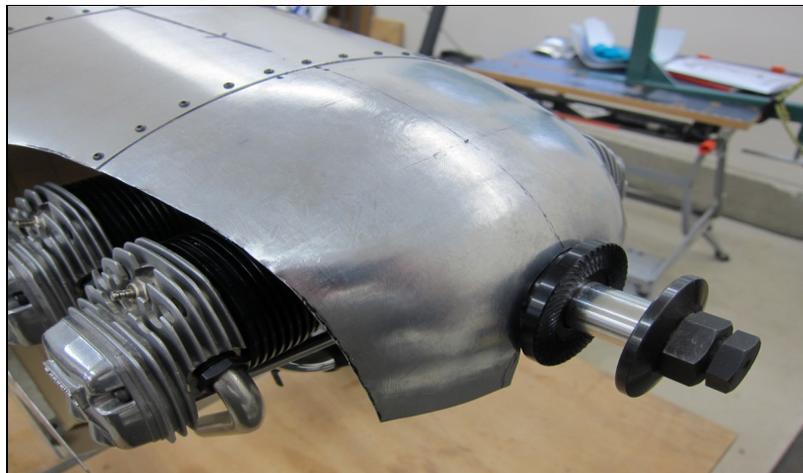
How wet has it recently been it in Oregon? George Burns would probably have said, "It's so wet even the ducks are wearing rain-coats." It's definitely that time of year for indoor activities, whether it's indoor flying, building, perusing the internet for that next "best plane I've ever had", or attending a local hobby expo or swap meet. Here in Oregon this is the time for numerous swap meets around the state, and of course the regional NW Hobby Expo is held annually every February in Monroe, WA. Not a difficult drive for those who want to attend. Whatever indoor interests you have I hope they lead you to more scale fidelity than you've ever experienced before.

## Oregon Coordinator: Scott Enochs



If you are in the market for a new ARF they do seem to just keep getting better. Some of the newer composite materials are stronger and lighter than ever with excellent surface detail and paint quality. I love to build, but will probably bite on one of the new composite warbirds from ESM before long.

For those of you interested in building, I'd like to make you aware of a tool I'm just getting familiar with, the English Wheel. The E-Wheel is used for sheet metal forming and is most popular with folks involved in making panels for auto restoration or custom panels for one of a kind auto and motorcycle bodies. Check them out with an on-line search. I discovered them while researching sheet metal forming techniques. I picked up a small and extremely inexpensive E-Wheel from Grizzly [beware....inexpensive here means cheap, and you must be able to perform some "fixes" to make it useable]. It's just right for my modeling activity, which has me building a cowl for my 1/3 scale Fly-Baby from 0.020" aluminum panels

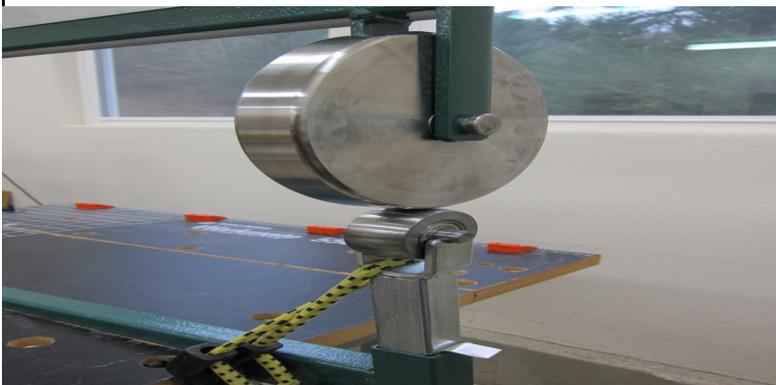


Oh yes, for those who enjoy reading don't forget to grab the Competition Guide from the bookshelf or downloaded from the NWSAM website and brush up on the rules. This is a great winter activity for contestants and judges!

Remember...."if it's not scale, it's just a toy".

Scott Enochs

Oregon Area Director



riveted together! Each panel is formed differently. The E-Wheel enables you to make panels with compound curves. It has two "wheels" that serve as upper and lower anvils, and is sometimes referred to as a "rotary hammer".

The upper wheel is flat and the lower wheel is interchangeable with wheels of different radii for different curves. You roll your panel back and forth between the wheels, applying various pressures, to achieve the final shape. It is learning intensive, but I'm finding it worth the effort. I've included photos of the wheel and the panels I've formed so far. In the future I expect to use the wheel to help me create a metal cowl and fuselage panels for a 1/3 scale SPAD, and to replace ABS parts with true metal panels on a 1/4 scale Proctor Albatross DVa.

Alaska

Coordinator:

Open

~ No Article Submitted ~

Montana

Coordinator:

Open

~ No Article Submitted ~

Idaho

Coordinator

Tim McGee

There have been a lot of changes to the field at Silver Hills R/C Fly Park this off season. We now have 20,000sq feet of parking area, new club house for score keeping, meetings, etc. A new sprinkler system will be going in in April, power pedestals for charging, and trailer plugins! And to finish it off, a new 1000'x175' airstrip with groomed 1" tall grass! This should be a great season, and look forward to seeing everybody soon!

Tim McGee

Idaho Coordinator NWSAM

President Silver Hills R/C

## British Columbia

**Coordinator:**

**Roly Worsfold**

The focus this year is encouraging clubs to hold combination Fun Scale and Competition events which will suite the clubs comfort level. These events have a competition (judged) element for those

so inclined plus allowing non-competitive flying at the same time. Hopefully using this approach RC flyers' at all levels of expertise, and spectators will enjoy RC Aero-Modelling events that will benefit the clubs and the modelers. Points for the judged portion of the event count towards the North West Scale Aero-Modelling Championships. Clubs are also encouraged to share the "Introduction to RC Scale Aero-Modelling" video with their membership for viewing; <https://www.youtube.com/watch?v=hXwoWIMs8Iw&feature=youtu.be>

Some of the RC Scale Event club benefits;

Promotes the Hobby to the community if advertised as a "Miniature Air Show".

Source of club revenue.

Could be used to raise funds for a 'Local Charity' and provides the club with community involvement.

Creates an incentive to improve the field.

Provides a 'club activity' for members to socialize at the field.

Supports the National Organizations (AMA, NWSAM, etc.)

Draws other area club members to the field to share the experience.

Flyers participating in the event focus on improving their flying and building experience.

### British Columbia RC Scale Events

British Columbia Scale Classic - July 17 – 19, 2015

<http://britishcolumbiascaleaeromodeling.weebly.com>

Joel Clarkston Memorial Scale Fun Fly - July 25, 2015

[http://www.maac.ca/events/event\\_details.php?eid=4714](http://www.maac.ca/events/event_details.php?eid=4714)

PDQ Flyers Scale Event – To Be Announced

Events Page - <http://www.pdqflyers.com/event-schedule.php>

Location - <http://www.pdqflyers.com/field-locations.php>

### Alberta Events

Edmonton - ERCS Scale Rally / Fun Scale – June 27, 2015

[http://www.maac.ca/events/event\\_details.php?eid=4819](http://www.maac.ca/events/event_details.php?eid=4819)

North West Scale Aero-Modellers promotion continues through the electronic media and club contacts.

**Alberta**

**Coordinator:**

**Open**

~ No Article Submitted ~

~ Build Thread ~

**Benny Howard DGA 3 PETE**

**By: Gene LaFond**

My name is Gene LaFond retired and 69... I have a pic of me in Alaska at 8 holding a model at Christmas time so I will date myself from there as a modeler. First R/C is a Carl Goldberg Sky lane 62 with a Heath kit radio and first flight 1969 in Hartford Ct. and wing failed and it crashed and I put it back together and used it as my trainer in 1970 with the San Jose Wave Masters Calif.

The Benny Howard DGA 3 PETE I had built in 2000 from plans by David Anderson and those plans are available for free from him today. The PETE is 1/3 scale at 80" W.S. and has done me well for 14 seasons but needs some rebuilding and I had a flash in my mind why do that? I went to Staples and had the planes blown up 50%. That increased the plane from 33 to 50 or a 17% increase to 120" wingspan. Not much I said.... yeah right. Got one each of 4'x8'x1/4", and 4'x8'x1/8" sheets of ply wood from the lumber yard, and a load of 7.5' balsa wood from a friend who has balsa lumber and can cut it, and started to kit this thing first of May 2014. The fuse is 9'1" long so needing at the very least the back of a pickup truck, or its own trailer. Going with what I have, I knew that removable horizontal and may be rudder was going to be needed. I designed in a removable horizontal, and with the rudder, on I can get it in the back of the pickup truck diagonally. Got it framed and covered with Sigs cover rite cloth, and painted it with Steward Systems full scale air craft paint on January 15<sup>th</sup>, 2015 and test flown February 23<sup>rd</sup>, 2015. Now the test flight was only two feet off the ground, and noticed an issue. The problem was that I left the cowling and other forward features off for first flight, and that put the CG too far aft. So, I am now getting everything installed and motor run to check for vibration and overheating issues. Next flight is scheduled for March 1<sup>st</sup>, 2015.

This has been the most challenging project in my life time of building models. Building from a kit, or

taking one out of a box and building is a lot easier, but not as satisfying. I will stick with building, as it takes up some of my free time. The only things I did not have to build for this aircraft, were the radio gear, engine, and wheels. All else had to be fabricated. Williams Brothers just introduced two different 9 1/4" vintage wheels, and thank goodness for that! The spinner back plate and spinner, I had to come up with. Luckily my good friend Ron Tippler in Wenatchee, turned a spinner back plate, and another friend Frank Wright, turned a wooden plug to make the spinners. Now why didn't I call True Turn? Well I did, and they said a deposit of \$2000 to get it started, and then the cost of the spinner. So I had some good experiences with great friends instead! The static prop is 36", and I looked on EBay and found one, but it was for a drone from the 50s. That wasn't going to work, so I carved one by hand instead. Found me a straight grained board at Home Depot and cut two, 4"x38" pieces and laminated them together. I then made a paper template, and cut out the prop shape and clamped it to the work bench. Then sat down with a small wood plane, and started to carve. A few slivers and blisters over about a week, I was then able to start fine sanding, and spray paint. End result was a nice had a static prop, and one spinner for that prop. Aircraft construction used 16 ounces of Elmer's wood glue, 8 ounces of CA, a quart of paint, eight months of



assembly time, and you have a half scale plane ready to fly. Exact hours, and money I don't keep track of too closely, but I will tell you on both counts... it was a bunch. Now if I can do it, go get your own documentation together and plans to blow up for an airplane you like, and just do it!

~ Happy Flying Everyone! ~

Upcoming in the next issue;

Shelton, WA Scale Rally and Qualifier Coverage

District News

Hangar 9 B-25 Build and Customization Thread

By Tom Strom Jr.