



Sanderson Field R/C News



THE OFFICIAL NEWSLETTER OF THE
SANDERSON FIELD R/C FLYERS, SHELTON, WA
CHARTER NO. 3079



Above: New member John Sommer and his grandson Rashon Stevens enjoying quality time together, as it should be. (Photo courtesy of Club Historian, Royce Tivel)



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SPECIAL POINTS OF INTEREST:

- The club meeting will be Thursday, March 8th at 7:00 pm. Location: PUD3 Bldg.
- 2018 Membership dues are now \$100. Please send membership dues to **SFRCF C/O Mark Pentony, 180 Vuecrest Dr. Union Wa 98592**
- Inactive runway will be unavailable on 3/6 (See page 3)
- Indoor Flying is back! (Page 4)
- WIN FREE RAFFLE TICKETS FOR AT THE CLUB MEETING.

The March Club Meeting is

Thursday, March 8th, 2018 at 7:00pm

Location: PUD3 Bldg

2621 E. Johns Prairie Rd.
Shelton, WA, 98584

FEBRUARY CLUB MEETING MINUTES

Sanderson Field R/C Flyers

Club Meeting Minutes

Thursday, February 8th 2018

Finance:

Mark Pentony read the Treasurers Report. Treasurer report was passed as read.

Hunter Farms lease has been paid.

The Port of Shelton lease will be paid one time a year instead of monthly.

Dave signed the Port of Shelton lease contract and submit it this week.

Secretary: Minutes passed as read

Safety: Tom Strom did a Safety Program. Subjects discussed were::

Crossing the deadline

Engine and Prop Safety

Do not stand in front of plane

Royce suggested that we implement the kill switch until plane is on the runway.

Old Business:

Jody Diaz gave an update on the Winter Build Challenge

Dave announced that there were sign up sheets on the back table for the Heritage Flight Museum.

Jody gave an update for Winter Build Challenge. Carolina Custom Kits is our newest sponsor

WBC sponsors will have the option of a caricature added to the WBC poster

Tom Strom reminded that the NWSAM sponsored USSMA Scale Qualifier will be at Faro Field 7/27 – 7/29

New Business:

Solartex is going out of business. Balsa USA has Solartex in stock.

Dave Windom reminded members that land owners will could qualify for 80% off of there taxes if they lease there land as rec-reational.

Jody Diaz asked Bob Treinen if the tar patch cart project has been completed

Monthly Program:

Mark Pentony brought a plane go over the pre flight inspection. Tom Strom demonstrated how to do a pre flight and maiden-ing check list.

Club members were given raffle tickets at the door.

Bill Judge won the free raffle ticket from the drawing.

Meeting was adjourned at 7:54 pm



**THE MOST RELIABLE RC
CALCULATOR ON THE WEB**

This month's Club Meeting Program will be an eCalc web interface demonstration. There will be another free raffle ticket drawing at the end of the program. Must be present to win.

This new web interface provides fast and accurate drive configurations for your r/c model. The input via pull-down menus is very user-friendly and clearly designed. Best is to try it out right away. In seconds the system will lead you to an appropriate selection and at the same time calculate the electrical parameters.

Use eCalc extensively to evaluate motor system combinations to precisely match the performance requirements needed for the projects. Lets spend an evening with eCalc experimenting with different propeller and motor combinations to help us further understand how important picking the right prop and motor size is in achieving the needed performance without over-stressing the components.

Incredible resource. Prop pitch, diameter, make and blade number make a significant difference in flight time, and you could get the same performance with very different props but worse flight time with one of them because of poor efficiency, like not enough or too much pitch creating propel-

ler stalling for static thrust. Using ecalc is a good alternative to spending time and money on a zillion props and watt and thrust measuring on that ground, unless that activity floats your boat.

These tools may further support you by calculating RC-related tasks:

Calculate, evaluate or verify the Center of Gravity (CG), Neutral Point (NP) and Aerodynamic Center (AC) of your airplane before maiden. The only CG Calculator for up to 5 wing panels.

Control surface moment: calculate the required torque of your servo.

decalage: static evaluation with some easy measurements on the table. dynamic decalage correction based on out of neutral trim.

TRUE C Rating: calculate the true performance of your battery.

wingDesigner4: evaluate and vizualize the center of gravity (CG) of complex wing

wingDesigner: evaluate and vizualize the center of gravity (CG) of your wing

xcopterDesigner: optimise and visualises your copter design.

INACTIVE RUNWAY USAGE TUESDAY 3/6

The military has 3 UH60's doing training tomorrow, Tuesday 3/6, just before sunset, and will be touching down on the inactive runway for about 30 seconds at approximately 17:26. Please be aware and expect this activity,



UPCOMING FIELD TRIPS

The McMinnville Aircraft Modelers Swap Meet is March 10th at the Yamhill County Fairgrounds. Several members are going to go. RV parking is available at the McMinnville Aircraft Modelers flying field locate

8 miles from the flying field. It's a house with an attached apartment. There are two kitchens, two living rooms and three bedrooms. RV parking is available at the Airbnb and at the flying field.

There is a NWSAM Scale Flight Judging and Pilots Seminar Saturday, March 10th

The Portland Sky Knights is having there Winter Build Challenge and Spring picnic on April 22nd.

Where: WRAF Clubhouse, East Wenatchee Washington

When: March 10, 2018 0900 - 1300ish

Why: Get everyone on the same page

Who: Judges & Pilots

This seminar is brought to you by NWSAM & is graciously hosted by the Wenatchee Red Apple Flyers.

Space is limited. As of March 3rd, there were only 3 spots left. Please RSVP by March 8th. Please E-mail firercer@cs.com, or call Mike at 208-573-5542

Coffee & donuts will be provided.

Hope to see you all there!

Cheers, Mike Ingram

The Rogue Eagles RC Club in Medford Oregon is having their Winter Build Challenge on April 14th (weather permitting). We reserved an Airbnb



Portland Sky-Knights
sky-knights.org



Rogue Eagles R.C. Club
rogue-eagles.org

INDOOR FLYING IS BACK!

Indoor flying is scheduled on March 12th and 26th at the Olympic Middle School at 7:00 pm.

Group. Basically, when the Spring sports teams are able to practice outdoors, Dianne will post where and when indoor flying will be available.

There is a stand by Indoor Flying schedule with the Shelton School District. Dianne with the Shelton School District will notify club members via the sfrcf.googlegroups.com email group and SFRCF Facebook

If you are not part of the club Google Group, email Bill Judge at malthron@comcast.net

BUILDERS CORNER

BY DICK ROBB

By this time you should be well along on your Winter Build Challenge airplane. This month we are going to talk about some of the things that are normally done during the last part of the build.

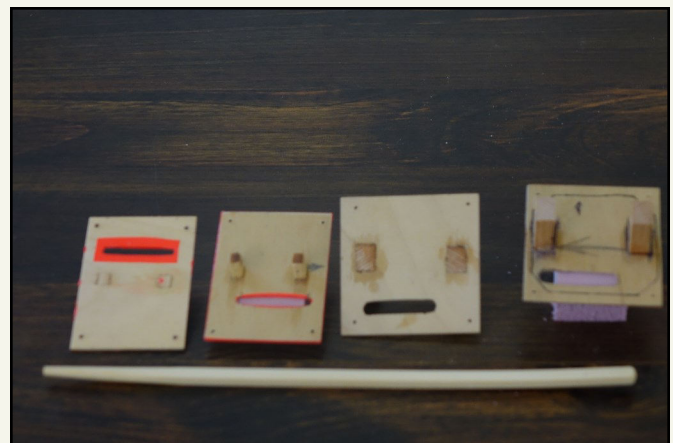
Wingtips come in all shapes and sizes. In the photograph, the wingtip on the left is of my WBC sea-plane. The wing is flat bottomed and the tip is of a teardrop shape of solid balsa. On solid tips like these I laminate several layers of wood (using titebond) and make both tip blocks at the same time. If you are building tips for a wing and use different thicknesses of wood be sure the tips are "handed" since the lamination's are an effective tool in matching both tips. Flat bottom wingtips like this one are difficult since the bottom of the tip is curved up to give a nice profile during carving but it can be difficult make them the same. After finishing the first tip I make a carving template to make the second tip match. I use a piece of soft solder wire wrapped around the tip at the widest part and transfer that information onto a balsa piece to form the template. I cut the template in half to use as a gauge during carving and tape the two halves together to form a go no-go gauge for the final shaping. By using the template and matching the laminate lines to each other a pair of matched tips can be finished in a short amount of time.



The tip on the right is installed on a replacement wing I have built for my Bingo. Notice the extra braces going from the last rib to the tip edge. I have often done this type of modification to both kit built and scratch built

models. This gets rid of the starved horse look of many wingtips. Also, notice the extra wide piece between the end of the sheeting and the tip edge. This allows a much larger surface to iron the covering onto if two colors are joined at this spot and prevents separation of the covering over time.

The next picture concerns servo mounting in the wings. Many times I find plate mounts such as these with the servo blocks just end glued to the plywood. A bit of a bump when the wing is transported can dislodge the blocks and have a failed aileron control. The servo mount on the left is from a small model that uses servos held in place by two screws. The plywood has been drilled and shaped to allow the servo block to go through the plywood. Once glued the joint is much stronger and shouldn't fail. When sanded flush and covered the ends of these blocks do not show. Also, the piece of wood lying in front of these mounts is of bamboo. This material is much tougher than most hardwoods and is not prone to cracking and is superior for this purpose. I buy this bamboo in the Kitchen department of the grocery store. The larger servo plates on the right are done the same way just for a larger model. I have never had one of these servo mounts fail. Finally, if you have an ARF model with this type of servo mount and do not want to recover the plate, drill a small hole going from the plywood into the servo block and install a small #2 sheet metal screw coated with glue. This will strengthen the joint.



Next time we will talk about finishing techniques. Have fun.



Club Officers

President.....Dave Windom.....(406) 283-1916
 Vice PresidentBob Treinen(360) 532-9219
 SecretarySharon Diaz.....(360) 490-0191
 TreasurerMark Pentony(360) 490-4742
 Safety OfficerTom Strom Jr.(360) 350-0181

Board Members

Board Member.....Dave Windom(406) 283-1916
 Board Member.....Bob Treinen.....(360) 532-9219
 Board Member.....Jody Diaz(360) 490-2461
 Board Member.....Sharon Diaz.(360) 490-0191
 Board MemberMark Pentony(360) 490-4742
 Board Member.....Tom Strom Jr.....(360) 350-0181
 Alt Board MemberDick Robb(360) 427-4521
 Alt Board MemberJeff Sterba(360) 490-5800

2018 Membership dues are now \$100 . If you pay by mail send your dues, proof of 2017 AMA membership and a self addressed stamped envelope to the

**Treasurer:
 SFRCF C/O Mark Pentony, 180 Vuecrest
 Dr. Union Wa 98592**

Make checks payable to SFRCF

2018 SANDERSON FIELD R/C FLYERS RELAY FOR LIFE TEAM

The Sanderson Field R/C Flyers is participating in Relay for Life this year in honor of Selena Myers. It has been 20 years since the club participated in this event. Sharon Diaz is our Team Captain. We hope you will all join us.



You are invited to join us in walking to help save lives from cancer, at our Relay For Life event. Relay participants are determined to help the American Cancer Society fight all stages of all cancers, in all communities.

gether, where teams take turns walking or running around a track or path. Symbolizing that no one should face cancer alone, we take turns or walk together to show our passion for seeing the end of cancer in our lifetime.

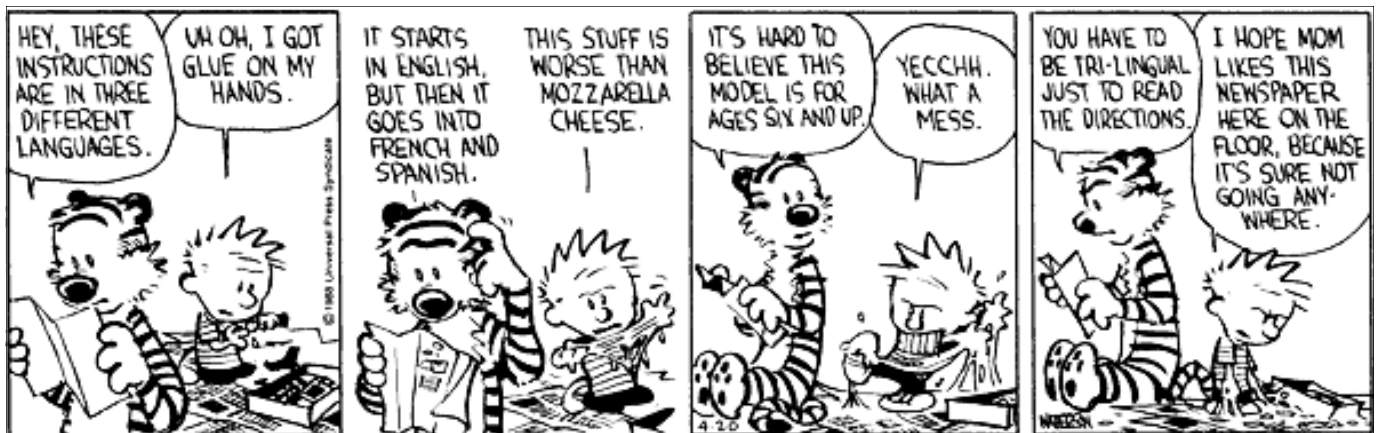
Will you join and walk with us? Learn more or register using the link below.

http://main.acsevents.org/site/TR?team_id=2285831&pg=team&fr_id=86815&s_locale=en_US&t=-jPIUsUtAZ7qj-K6agArPA&s_tafld=2078639

We have some great fundraising ideas. But we are always open and grateful for any suggestions.

American Cancer Society Relay For Life events bring communities to-

Email sharonelenya@gmail.com or call 360-490-0191



Club Meeting

Raffle



Tickets are \$5.00

Raffle Drawing Date: TBD