

THE REALLY GREAT SAM 8 SPEAKS

SOCIETY OF ANTIQUE MODELERS



LONG TIME FLYERS CLUB NEWS

On the web at <http://www.sam8.org>

VOLUME 401 ISSUE 1

January 2020

Roster of the old dawgs....

STEVE DONA.....'THE PREZ'

WILL TILSE.....VICE PRESIDENT

DAVE CASSELL.....SECRETARY-TREASURER

DAVE GARDNER.....SCRIBE OF THIS RAG....

Notice: Next Meeting: January 9, 2020

Rainbow Café, 112 E. Main St., Auburn, WA, 10:30 am-1 pm..(or thereabouts.)

President's message

Ouch!

You have all seen me on the soap box raving about the upcoming 1960 World Championships reenactment. The excitement is building on this one and several people have begun building models. Gerald Morrissey, Bill Hooper and I have send motors back to Bob Matus to have them “breathed on” and I have also been working through my stash of motors. I have a 1960 Super Tiger G20, a OS Max III, a ETA .15 diesel and a rare Rivers diesel. Both the Rivers and ETA were inherited from my Dad and therefore they hold a special place in my heart. My dad *LOVED* tow line gliders, Loved Old Timer models and always thought of himself as a pretty good power flyer. Truth be told, he didn't take very good care of his engines and I can remember getting all the way to Hearts Lake Prairie, several times with dead batteries, old fuel etc. When my father died, most of his engines were stuffed in his “engine drawer” which was a large metal set of drawers in the garage. My brother Gord and I carefully went through the drawer and put together as many motors as we could. Nearly every motor was missing the needle valve and prop nut! Many of the diesel engines were missing the compression screw as well! The motors were carefully cleaned and reassembled as much as possible and then stored in my brothers and my engine box at our homes waiting to get used on a new model. The ETA had a broken spinner nut (fancy prop nut) which needed to be fabricated. The Rivers was totally frozen up (old castor oil with no after run oil) and missing the compression screw as well. With the possibility of using one or both of these motors for the upcoming vintage FAI event I have been busy testing engines out back of my garage. Bob Harper was kind enough to provide me with enough diesel fuel to do some testing and I had a wonderful afternoon dancing in my yard, playing with my ETA. The Rivers was another mater as I simply could not located a suitable compression screw without more information about the size and thread pitch. My brother Gord came to the rescue as he had acquired my Dad's Rivers .21 and it was a perfect fit to do some testing on this motor. First, I had to bake the engine in my oven for 1 ½ hours to loosen the crystallized castor oil. With the engine finally free and with my borrowed compression screw, I dashed out to the test stand and fired it up. Lighting wasn't very good and I was having a difficult time getting a good read with my tachometer. When I finally got a good read, it was a bit disappointing. So I adjusted the compression a bit and tweaked a bit on the needle valve. Suddenly, the mighty Rivers sprung to life and I reached down to grab the tach for another reading and when BAM! I caught the edge of my thumb in the prop! (OUCH!) A quick look at the damage told me that it was pretty bad but no apparent tendons had been snipped. I dashed into the house and informed my wife Julie that, sorry, plans for the day were changed and off to emergency we went to see how bad

the damage was. For this one I was “lucky” as I had only removed about a dime sized part of my thumb. The doctor cleaned it up and stitched me back up and sent me home.

So why am I telling you all of this? Well, I have been around model props for most of my life and have NEVER needed to visit the emergency room before. I have to think what has changed and I come up with two things that are huge.

1. Whether I want to believe it or not, my reflexes, coordination and eyesight are not what they used to be. Sucks but that’s the reality and it will only get worse although I hope slowly.
2. APC props are a LOT sharper and turn a lot faster than the good old wood props. I have had several brushes with wood props similar to this one that didn’t even break the skin.

I have hand started motors all of my life and while I have used ear protection since I was about 15, I have not worn a glove or used a “chicken stick”. As of today, I plan to at least use a glove. I plan to take things a bit more carefully and be more aware of the significant danger that exists with our wonderful hobby.

Go ahead and learn from my stupid mistake. Wear a glove, be aware that bad light represents a dangerous scenario. Stop and think and be careful! Let’s keep this hobby safe and fun! See you all out at the flying field!

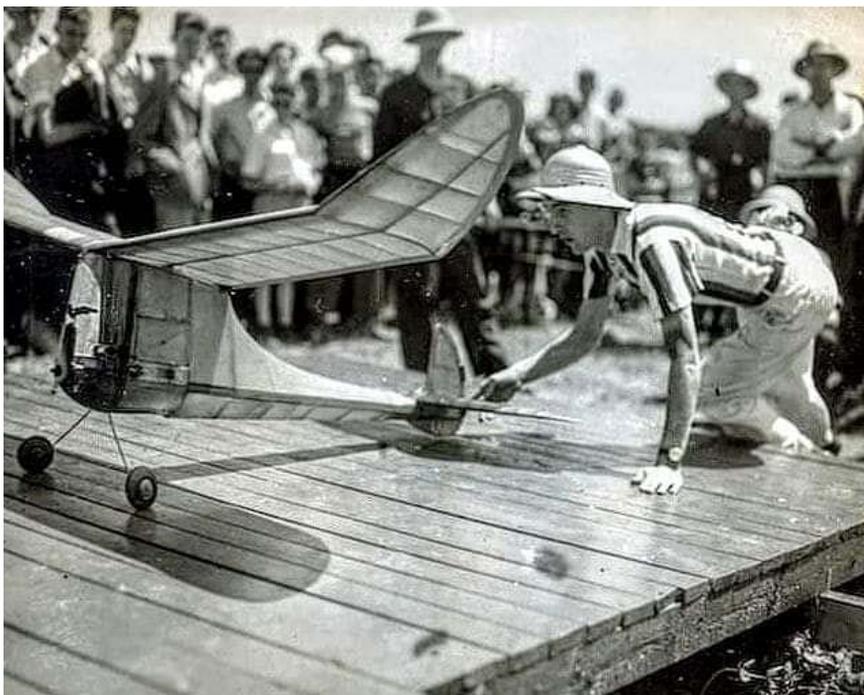
Steve Dona, The Prez



Dona War Wound.....new



**Editor War Wound – 3 weeks..
(Old Geezer Reference)**



**Leon Shulman’s
Super Super Zomby**

(but that ain’t Leon launching!)

SAM 8 minutes for December 12th, 2019 (attendance =17)

Current SAM 8 T-Shirt remaining count by size: Medium = 8 Large = 2 Mtg. start: 12:10p

- Steve recognized the passing of John Kamla. John Kamla stories followed including the first time he met John and how the friendship grew. Other club members recounted their Kamla interactions
- Steve has a very few Cranfield model plans in his possession so it's not too late to make a selection.
- Nick asked what happened to the tripod and banner for the EXPO setup. Steve confessed to having them.
- The Christmas Party was given a bye due to the late hour the whole thing was remembered. An informal poll was taken and the party was canceled
- Gerry Morrissey suggested a misery meet stand in for the missed Christmas Party possibly February 14 15. Event list to be determined.
- Spring Opener attentively set for May 23-24. Sunday will be a three round event, not a five round as three is easier on everyone.
- Tom Cashman and Steve are putting together a prop carving get together and workshop to be held March 21 Saturday at Finn Hill. We'll start at 9:00a with carving from a block in the first session and hub and laminating work to be held in Will Tilse's garage
- Next Finn Hill event will be January 19 Sunday
- Dave Higgins explained the new plane the students will build call the Student Cruiser
- Dave Cassell brought in a snapshot of the clubs finances. Bottom line : the club came out ahead. Can't get better than that.
- Gerry Morrissey reported on his Cranfield Ascender #18. He has the ribs, bulkheads, and pylon cut. He's working on the horizontal stabilizer now. He reports 105 ribs in the airplane.
- It's believed that Mike Woodhouse in England has the suitable mechanical timers for the Cranfield models
- Nick Stratis brought in his Rearwin Speedster to show construction progress.
- As a note: The Cranfield Five do meet the category for vintage era three FAI rules. The weight requirement is 750 grams or 28 ounces
- Monroe EXPO dates January 25 26. Steve has the tripod, picture board and banner.

AUCTION TIME:

Mtg. adjourned: 12:42

Signed: *David Cassell*

2019-2020 Old Time, Free Flight, Control Line and Club Modeling Event Schedule

| Date | Event / Time / Location | Activity/Location | Contact |
|-----------|-------------------------------------|---------------------|---------|
| See Below | 2019-2020 Finn Hill Indoor Schedule | Finn Hill Gymnasium | SAM8 |
| | | | |
| | | | |

For additional Northwest FF and CL activity, see the following websites for more detail.

For SAM 8 activities, look on the SAM 8 Website, <http://www.SAM8.org>

For SAM National activities, look on the SAM Website, <http://www.antiguemodeler.org/>

For WMC activities, check on their website, WillametteModelersclub.weebly.com, or contact Bob Stalick at freeflyer@aol.com.

For NW Skyraiders' activities, check on <http://flyinglines.org>, or davegardner55@msn.com.

For Museum of Flight, check on their website, www.museumofflight.org. Each first Thursday of the month is free admission.

Really Great SAM 8 meets every second Thursday each month the Rainbow Café in Auburn at 11:30 AM. Come join us for lunch!

.....aaaaand.....the indoor season is back upon us...!! Report from David Higgins:

| ACTIVITY | DATE | DAY | TIME |
|-----------------------|-------------------|----------|--------------|
| Build and Fly Session | January 19, 2020 | SUNDAY | 9 AM to 4 PM |
| Build and Fly Session | February 23, 2020 | SUNDAY | 9 AM to 4 PM |
| Build and Fly Session | March 21, 2020 | SATURDAY | 9 AM to 4 PM |
| Build and Fly Session | April 19, 2020 | SUNDAY | 9 AM to 4 PM |
| Build and Fly Session | May 16, 2020 | SATURDAY | 9 AM to 4 PM |

More from David Higgins, on Hemp and other Tissue:

Tensile Testing of Tissue Papers and Silkspans, Part 3:

Last December, I had received a large sample of something called Dilly Jap tissue from Martin Dilly, a fellow aeromodelling enthusiast living across the pond in the good 'ol UK. I had never heard of this tissue, so I was very interested in finding out how good this stuff really is. According to Mr. Dilly, he buys this tissue from a supplier in the UK and it's normally used for repairing old paper documents. It looks and feels very similar to Esaki Japanese Tissue, with one side very shiny and smooth and other side somewhat rough and dull. Undoped, the areal weight is 1.20 gm/sq ft (12.92 gm/sq m) about the same as Esaki Japanese Tissue. The fiber structure is very uniform and looks more like the Old 00 Silkspan than Esaki tissue, so hopefully tests will show this tissue to be much stronger than Esaki.

Yesterday I finally got around to doing tensile tests on the Dilly Jap tissue. I am really impressed with how well this tissue performed. Dilly Jap tissue with 2 coats of thinned nitrate dope is around 8% stronger than the old 00 silkspan (also with 2 coats of dope), yet Dilly Jap is 0.09 grams per square foot lighter. Here are the test results of Dilly Jap tissue under 9a and 9b compared to all the other tissues and silkspans that I have tested:

As a reminder, (UD) is undoped tissue and (D) is doped tissue having 2 cross coats of non-shrinking thinned nitrate dope. So far, the Dilly Jap tissue has the highest specific strength of all the tissues and silkspans tested. Doped Dilly Jap has nearly double the strength of doped Japanese Esaki tissue and yet doped Dilly Jap weighs 0.1 grams per square foot less than doped Esaki. Dilly Jap can't be beat for weight critical contest models requiring the torsional rigidity afforded by tissue papers!

Now, I just need to order some of this impressive tissue. According to Martin Dilly, he sells it for £16.45 (equivalent to \$21.55 assuming \$1.31 per £ exchange rate) for 5 yards including shipping, which is equivalent to \$0.48 per square foot. Japanese Esaki tissue is no longer being produced, so it keeps going up and it now typically costs \$1.99 per sheet, equivalent to \$0.66 per square foot, not including shipping! I am not sure how you go about ordering this tissue from Martin, although he mentioned that he accepts PayPal. I am sending this email to Martin Dilly so that he can reply to it with any ordering details.

Regards,

David Higgins

TISSUE DATA INFORMATION

| Test# | Tissue Type | gm/sq ft | Ten Str lbf | Str Eff |
|-------|--------------------------|----------|-------------|---------|
| 1a | White Domestic (UD) | 1.44 | 5.30 | 3.68 |
| 1b | White Domestic (D) | 2.39 | 10.30 | 4.31 |
| 2a | White Esaki (UD) | 1.23 | 6.30 | 5.12 |
| 2b | White Esaki (D) | 2.14 | 10.10 | 4.72 |
| 3a | White Med. Silkspan (UD) | 1.05 | 4.10 | 3.90 |
| 3b | White Med. Silkspan (D) | 2.33 | 6.40 | 2.75 |
| 4a | Old 00 Silkspan (UD) | 1.20 | 13.75 | 11.46 |
| 4b | Old 00 Silkspan (D) | 2.13 | 18.20 | 8.54 |
| 5a | Old Hemp Tissue (UD) | 1.41 | 12.00 | 8.51 |
| 5b | Old Hemp Tissue (D) | 2.69 | 20.30 | 7.55 |
| 6a | New Hemp Tissue (UD) | 1.84 | 19.10 | 10.38 |
| 6b | New Hemp Tissue (D) | 2.70 | 23.00 | 8.52 |
| 7a | Sig 00 Silkspan (UD) | 1.17 | 6.95 | 5.94 |
| 7b | Sig 00 Silkspan (D) | 2.45 | 10.05 | 4.08 |
| 8a | Sig GM Silkspan (UD) | 1.64 | 5.80 | 3.54 |
| 8b | Sig GM Silkspan (D) | 2.96 | 12.90 | 4.36 |
| 9a | Dilly Jap Tissue (UD) | 1.20 | 14.74 | 12.28 |
| 9b | Dilly Jap Tissue (D) | 2.04 | 19.70 | 9.66 |

Response from Martin Dilly:

Hi David,

Thanks for the up-date on your tests on the Dilly tissue; your results certainly bear out what most people here find, but it's good to have some actual figures to compare it with other materials.

The tissue can be ordered from me at martindilly20@gmail.com. PayPal is easiest. I normally sell the tissue in 5 yard rolls a yard wide at contests in the UK for £13. Mailing a roll gets both difficult and expensive as it needs a yard long plastic drainpipe, so I can mail it loosely folded to the USA for what currently is £16.45. Our mail costs tend to change (somehow never downwards...) each year at the end of March, so please check with me before ordering, and also check the exchange rate.

Best,

Martin

The Complaint Desk has closed. The Editor has left the building.

Don't forget to buy your souvenirs at the concession booth.

....and see you at the Rainbow.....

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LONG TIME FLYERS CLUB

On the web at <http://www.sam8.org>

MEMBERSHIP FORM

Use this form to subscribe or renew your membership. Just fill in and mail to Dave Cassell.

Adult Membership (\$15 per year)____ (\$25) for two years _____. (Electronic copy only)

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Return to:

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