



**WESTERN
OREGON
CONTROL
LINE
FLYERS**

THE WOLF CALL

September 2019

**ACADEMY OF MODEL AERONAUTICS
CHARTER CLUB #3464**

Upcoming Area Events

**Northwest Control Line Speed
Championships**

WOLF Ringmaster Fly-a-Thon

Fall Follies

The "WOLF CALL" is the newsletter for the Western Oregon Control Line Flyers. WOLF members fly at the Bill Riegel Model Airpark facility at the Salem Airport.

WOLF membership is not required to utilize the facility, but fliers should be A.M.A. members. If you are not a WOLF club member, please consider joining us to help support control line model aviation activity in our area.

WOLF CLUB OFFICERS:

President: Craig Bartlett

Vice-President: Dean Singleton

Secretary-Treasurer: Mike Hazel

Safety Officer: John Thompson

Newsletter: Mike Hazel

For the latest Northwest Control Line news go to:
flyinglines.org

Miscellaneous Ramblings from Ye Olde Editor

Greetings All! This will indeed be a small issue. No contest reports at this time, the NW Skyraiders Raider Roundup contest will be happening about the time this shows up in your mailbox.

Everyone that came to the Zoot Ranch fun fly and picnic event on August 23rd had a great time. Weather was perfect for the twenty-plus attendees who enjoyed plenty of good eating, flying, and plenty of socializing. Plenty of pix in the Flying Lines report on the event, check it out.

Here's a bit of A.M.A. news regarding our northwest district..... our region's vice-president Bryan Wood has had to step down from his post due to work schedule demands. Bryan will now function as AVP (associate vice president) for the Idaho area. Meanwhile eastern Washington AVP Phil Tallman will serve as VP for our district XI

Flyers are included for our upcoming local events. Hope to see most everybody turn out for one or more of these. Ye olde editor is getting together a S-1 Ringmaster for the fly-a-thon event. Let's see how many flights we can add to the world-wide total.

Question of the month.....

If a deaf person appears in court, is it still called a hearing?

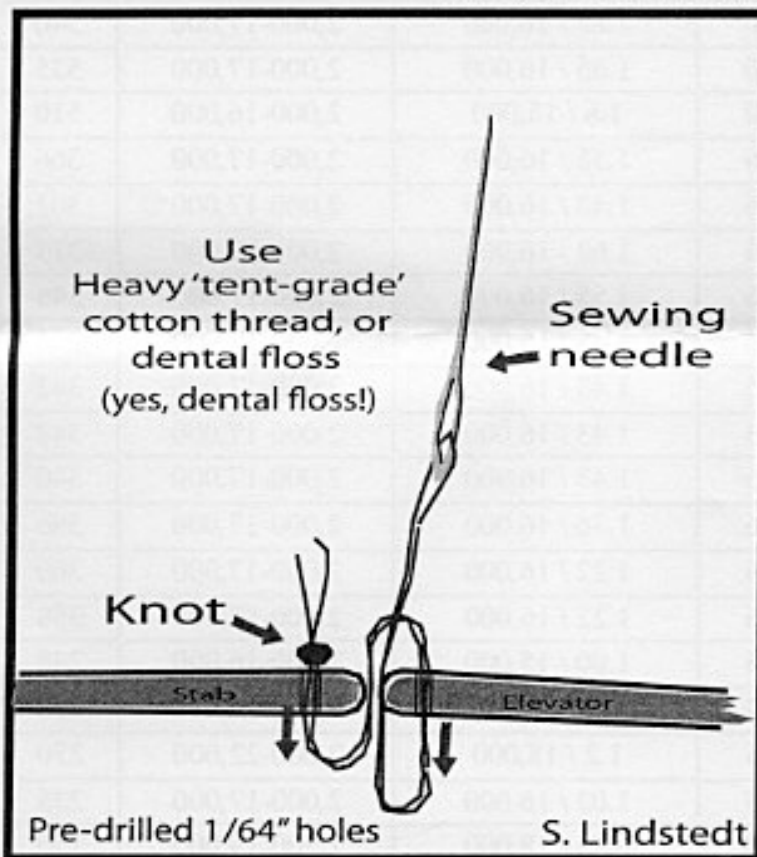
From Steve Lindstedt.....

Old School Hinges

Pre-drill the 1/64" holes, about 1/4" apart & 1/4" from the hinge point.

Sew in a 'figure-eight' fashion, all strokes down, thru the wood, all strokes up between the hinge-points. Each stitch takes up about a half-inch of thread, so allow enough thread to complete the task.

Upon reaching the 'final hole', wrap the thread around the previous stitch several times, and secure with a small amount of thin CA adhesive. Cut off the loose thread from the initial knot, and apply small amounts of thin CA to all the holes, to strengthen wood-grain and ensure no thread slippage.



SEWING CONTROL SURFACE HINGES.

Back in the Northwest Aeroliners days, Wayne Spears and Frank Macy both turned me on to this method. I'm certainly no expert, but, I've found this to be an almost fool-proof elevator hinge. I repaired my "B" proto with this technique, when the metal hinge came apart, and am very confident it will last for years.

I used 1/32" piano wire in a high speed Dremel...it sort of 'burns' thru the wood, rather than 'drilling'. On softer balsa, I've wet the wood with warm water to make it more pliable and less prone to splitting. (I make sure it's dry before gluing it with CA. after 'sewing'...)

Here's an interesting piece of reference material that some of you might find useful. These O.S. engines were made/sold in the 1990's, but of course many are still in use today. Of special interest to ye olde editor, are the two extreme sizes large and small, both are in my shop!

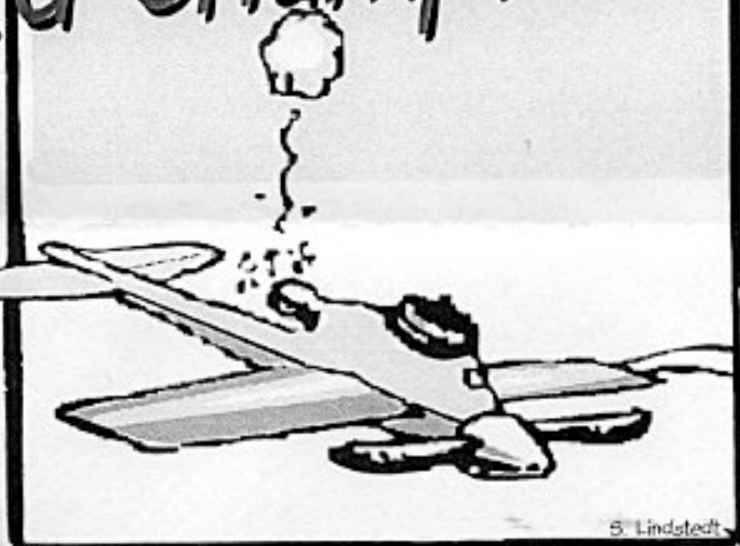
OS 2-Stroke Engines

Engine	Disp. (c.c.)	Bore (mm)	Stroke (mm)	Output (PS or BHP/r.p.m.)	Practical Range (r.p.m.)	Weight (g)
Max-BGX-1Ring	34.97	37.3	32.0	4.1 / 10,000	1,500-10,000	1,340
Max-108 FSR Ring (BX-1)	17.83	29.0	27.0	3.0 / 16,000	2,000-16,000	750
Max-61 RF ABC-P	9.97	23.0	24.0	2.0 / 16,000	2,000-17,000	580
Max-61 RF ABC	9.97	23.0	24.0	1.85 / 16,000	2,000-17,000	540
Max-61 SF ABC-P	9.97	23.0	24.0	2.0 / 16,000	2,000-17,000	580
Max-61 SF Ring-P	9.97	23.0	24.0	2.0 / 16,000	2,000-17,000	575
Max-61 SF ABC	9.97	23.0	24.0	1.85 / 16,000	2,000-17,000	540
Max-61 SF Ring	9.97	23.0	24.0	1.85 / 16,000	2,000-17,000	535
Max-60 FP	9.97	23.0	24.0	1.6 / 15,000	2,000-16,000	510
Max-46 VF ABC-P	7.45	22.0	19.6	1.55 / 16,000	2,000-17,000	366
MAX-46 VF ABC	7.45	22.0	19.6	1.43 / 16,000	2,000-17,000	362
MAX-46 FX	7.45	22.0	19.6	1.62 / 16,000	2,000-17,000	375
MAX-46 SF ABC-P	7.45	22.0	19.6	1.55 / 16,000	2,000-17,000	346
MAX-46 SF Ring-P	7.45	22.0	19.6	1.55 / 16,000	2,000-17,000	344
MAX-46 SF ABC-R	7.45	22.0	19.6	1.43 / 16,000	2,000-17,000	342
MAX-46 SF ABC	7.45	22.0	19.6	1.43 / 16,000	2,000-17,000	342
MAX-46 SF Ring	7.45	22.0	19.6	1.43 / 16,000	2,000-17,000	340
MAX-40 FX	6.47	22.5	19.6	1.36 / 16,000	2,000-17,000	386
MAX-40 SF ABC	6.47	22.5	19.6	1.22 / 16,000	2,000-17,000	360
MAX-40 SF Ring	6.47	22.5	19.6	1.22 / 16,000	2,000-17,000	358
MAX-40 FP	6.49	21.2	18.4	1.00 / 15,000	2,000-16,000	248
MAX-35 FP	5.90	20.2	18.4	0.8 / 14,000	2,000-16,000	256
MAX-32 SX	5.23	19.5	17.5	1.2 / 18,000	2,000-22,000	270
MAX-32 F ABC	5.23	19.5	17.5	1.02 / 16,000	2,000-17,000	235
Max-25 VF ABC	4.07	18.0	16.0	0.85 / 18,000	2,500-19,000	230
Max-25 FX	4.07	18.0	16.0	0.84 / 18,000	2,500-19,000	248
Max-25 SF ABC	4.07	18.0	16.0	0.8 / 18,000	2,500-19,000	218
Max-25 SF	4.07	18.0	16.0	0.7 / 16,000	2,500-17,500	215
Max-25 FP	4.07	18.0	16.0	0.6 / 15,000	2,500-16,000	185
Max-20 FP	3.46	16.6	16.0	0.5 / 15,000	2,500-16,000	193
Max-15 FP	2.49	15.2	13.7	0.41 / 17,000	2,500-18,000	142
Max-10 FP	1.76	13.44	12.4	0.27 / 17,000	2,500-18,000	119

Sponsored by Western Oregon Control Line Flyers

Northwest Control Line Speed Championships

All A.M.A.
and
Northwest
speed
classes



A.M.A.
"AA"
Sanctioned
event

September 28 & 29

Bill Reigel Model Airpark, Salem Airport
Salem, Oregon

Contest director: Mike Hazel 503-871-1057 zzclspeed@aol.com

the Western Oregon Control Line Flyers'

2019 Ringmaster Fly-A-Thon

Friday, October 4th

10 AM to 3 PM

Bill Riegel Model Airpark at the Salem, Oregon Airport

Grass and paved circles to fly off of

No prizes, no fees Free hot dog lunch



**Announcing the 12th
Annual Worldwide
Ringmaster Fly-A-Thon!!
October 5th and 6th, 2019**



(These are the 'official' worldwide dates)

The Fly-A-Thon is honoring the plane that many of us flew back in the 50s, 60s 70s and 80s. Simply stated, we want to see how many Ringmaster flights can be recorded over a single weekend, the first weekend in October. Last year we recorded 5680 flights (a new record) with 655 pilots in a number of different countries worldwide. The simple rules are stated below and I want to direct particular attention to the last paragraph. Recruiting new people to join control line model airplane hobby is an important aspect of this event!

We hope you will join us this year and have fun flying your Ringmasters along with fellow modelers around the world!

Rules:

- Any Ringmaster from 1/2A to Giant and all variants (bipes, twins, etc.) can be flown.
- The goal is maximum number of flights with all pilots and planes participating.
- A 'flight' is a minimum of 5 laps (in the air !!) to be qualifying.
- No builder of the model rule is in effect for this event!
- Results will be reported by Tuesday, October 15th, 2019 at 2019flyathon@ringmasterflyathon.com

contacts: Craig sraigbart@yahoo.com

Mike zzclspeed@aol.com

The Western Oregon Control-Line Flyers cordially invite you to the 33rd annual ...

Fall Follies

At Bill Riegel Model Airpark in Salem, Oregon

Oct. 4-5-6, 2019

Three days of control-line flying!

On Friday ...

- Fly Ringmasters in Global fly-a-thon

On Saturday ...

- Classic Stunt — 9 a.m. pilots' meeting
 - Old-Time Stunt — After Classic
- Profile Stunt (Sportsman and Expert) — After Old-Time
 - Northwest Sport Race — After Profile Stunt
 - Northwest Super Sport Race — After NWSR
 - 1/2-A Combat — 8:30 a.m. pilots' meeting
 - 80mph Combat — after 1/2-A

On Sunday ...

- Beginner, Intermediate, Advanced & Expert Precision Aerobatics — 9 a.m. meeting
 - 15 Fast Combat — 9: 30 a.m. pilots' meeting
-

The details ...

Prizes: Trophies through third place

Entry fees: \$20 for first event, \$30 for two, \$35 for unlimited

**Awarding of annual Vintage Stunt Trophy!
Sunday barbecue!**

Contest Director: Mike Hazel, zzclspeed@aol.com

Sponsored by the Western Oregon Control-Line Flyers and flyinglines.org

Academy of Model Aeronautics membership required