



Washington Historical Gunmaker's Guild Presents:
Annual Gunmakers Workshop
August 22nd Through 25th, 2024

Early arrival and set up available Thursday afternoon August 21st
Meeting, awards, raffle and auction after dinner on Saturday evening.
Socialize, share ideas and learn new skills.
Display your projects (new or old, completed or not).
Make new friends and just have FUN!

Great facility with good tent camping, parking for self-contained RV's, trailers and cars.
Bring your cot and sleeping bag for indoor camping.

For further information or pre-registration contact:

<p><u>Registrar:</u> Steve Baima 13025 SE Newport Way Bellevue, WA. 98006 Percman48@comcast.net 425-865-8965</p>	<p><u>Event Location:</u> Capitol City Rifle & Pistol Club 14318 Little Rock Road SW Rochester, WA 98579 (I-5 Exit 95 drive West to Little Rock, WA)</p>	<p><u>General Information:</u> Steve Baima (425) 865 8965 Rich Downs (425) 823 9323 Steve Skillman (360) 458-8740 David Rase (360) 479 1888 Scott Morrison (503) 510-0853</p>
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**“Early” pre-registration is strongly encouraged so we can plan
appropriately to make this event *Special* for everyone!**

Food Service The cost of meals is included in your registration. Steve Skillman is our primary kitchen attendant. No one should go hungry. Let us know if you have special dietary needs. We will try to accommodate you.

Breakfast 07:30 - 08:30 Each morning a Continental style breakfast will be served, consisting of waffles, muffins, hot or cold cereal, sweet roll, toast, fruit, juice and coffee.

Lunch 12:00 - 1:00 P.M. Menu to be announced

Dinner 5:30 - 6:30 P.M. Menu to be announced

Note: Individual Meal Charges: \$5.00 Breakfast, \$10.00 Lunch, \$15.00 Dinner

Objectives of the 2024 August Gunmakers Workshop

We are getting a very late start in announcing classes for this year. It was uncertain if we would be able to secure the services of one of the notable contemporary long gun makers. We have decided to provide a group of classes that will target the beginner or novice gun maker. At the same time, if you have a project that has already been started, but you need some help in the process, please feel free to bring it to our open forum tutorial. We will have the personnel and expertise to guide you along in this process.

Due to our 11th hour decision to continue with the work shop, steering committee members have decided to keep the enrollment cost to a minimum. We are hoping only to cover the cost of food and rental expense for the facility.

2024 Workshop Schedule

Wednesday, August 21st Early arrival, set up and late registration can be done any time after 12:00 noon. If you arrive early, you may be asked to help assist with set up work benches, vices and gun display racks.

Thursday, August 22nd, 08:00 -9000. TOOLS: Steve Baima: Over the past 20 years, I have amassed an inventory of tools for construction of the Early American Long Rifle. Some are basic, some are more advanced. Many, I have fabricated on my own or in formal classes designed to create these tools. On Saturday, Dave Rase will be teaching a class for students to create one of those tools that is used regularly during the build process. This will be a measuring gage.

09:00 – 12:00 Noon: Getting started class: (In Rich's words) Basics of rifle/pistol construction and how to lay out a plan. This class will be followed by a hands on barrel inletting class. Tool list: Straight and curved gouges (bring what you have), 12 ruler (metal preferred), Sharp knife, caliper if you have one, Square (engineers square preferred otherwise any "L" shaped square), mallet for driving the gouges, pencil, candle or oil lamp to soot barrel.

(administrator's words) Before you cut, by Rich Downs. This class was first created by Dave Dolliver. Dave established the curriculum for this class that is intended to aid you in creating a plan for your next rifle. It disregards the style or time period of your intended project. It allows you layout your own rifle or pistol, based upon your own desire. It focuses on barrel and lock placement, then fitting the rifle design to your personal requirements and architecture. You create the plan for the perfect rifle that fits you. REQUIREMENTS: Sharp pencil and sharpener. 36" long straight edge ruler – preferably metal. 6" ruler, catalog from "Track Of The Wolf", one sheet (8 ½" X 11") clear or opaque plastic card stock (students will be tracing their lock pattern or other furniture designs from the Track catalog), scissors or x-acto knife.

12:00 - 1:00 PM. Lunch break

1:00 - 3:00. Inletting metal into wood. Presenter is Rich Downs. Students will start with a piece (cut-off) of a barrel. Process will explain how to inlet a barrel into a wood blank. The same process is used for inletting all metal furniture or embellishments into wood – such as decorative inlays. You will need a ¼" wood chisel for this one. Also, smaller chisels if you have them. Opti-visor if you have one. These will allow you to see into close quarters. Sharp knife, tri square, caliper. See recommended tool list at end of syllabus.

3:00 – 4:00 PM Manufacturing your own black powder. Instructor: Rich Littke. See PDF file attached. Manufacturing your own percussion caps. See PDF files attached

4:00 – 5:00: Tool Sharpening 101 Presenters: /Steve Baima and Rich Downs. Presenters will demonstrate an array of tools and methods for sharpening your tools and keeping them sharp, using methods to replicate blade geometry, each and every time. Recommend you bring whatever sharpening stones, guides or tools that you may have used in the past. We will demonstrate what works for us. Bring a ¼" straight chisel, if you have one.

Friday, August 23rd: 08:00 - 10:00: Hand Forging a main spring for your lock. Will Littke will demonstrate forging and heat treating a main spring. He is working with a left-hand flint lock where no replacement spring is available to him. Eventually we will all be faced with a similar situation. People continually present me with old firearms that were given to them with - missing, damaged or broken components. Anything is possible with a little ambition and ingenuity.

10:00 AM - 11:00 AM Re-visiting our on-going project to create black powder. Richard Littke

11:00 – 12:00 Noon: Fabrication of barrel Tenons.

12:00 - 1:00 lunch break

1:00 PM - 2:00 PM Cutting “dove tails” in barrels for sights or tenons. Tools required: small triangular file (preferable safe on one side), hack saw.

3:00 PM – 4:00 Fabrication of a Ram-Rod scraping tool

4:00 – 5:00 Making and scraping your ramrod. Instructor-Steve Baima Unless you always carry a metal “range rod” you will eventually loose, break or shoor your ramrod down range. Class teaches you how to scrape out a new ramrod. Hickory ram-rod material will be supplied by instructor. Pre-fab metal plates to be provided as well. Bring a hack saw with spare blade and a sharp file for metal filing, pair of non-slip gloves to wear while pulling your ram rod through the scraping tool.

Saturday, August 26th. 08:00 - 10:00. Creating your own depth gage. Class by Dave Rase.

10:00 – 11:00 Re-visiting our black powder recipe. Richard Littke

11:00 – 12:00 Noon: Fabricating a tip for the ram-rod that you scraped out yesterday. Materials to be supplied. Bring a cordless drill, propane tor MAP gas torch with solder and metal file. Determine if you prefer #10 X 32 or #8 X32 thread pitch for your jag tips.

12:00 - 1:00 PM. Lunch break

2:00 PM.- 3:00 PM. Gunmakers Shoot on black powder range: Derek Sotello – Range Officer

3:00 PM - 5:00 PM. Show and tell. Bring your latest project piece. Explain what trials or tribulations that you have face during the construction process. We can all learn from this and potentially avoid the same pitfalls.

5:00 P.M. Dinner.

7:00 P.M. Fund raising raffle and auction. Money raised will enhance our treasury specific to the Washington Historical Gunmakers Guild. Donations from our guild members are highly encouraged.

Sunday August 28th: 08:00 -12: Completion of any projects started earlier in the weekend. Closing remarks

Suggested Tool List for “hands-on Classes

¼” straight chisel
Scissors or exact-o knife
Assorted metal files
Hack saw & extra blade
Set of Needle files

small gouge (if you have one) small square
small mallet (for driving wood chisels)
12” metal ruler
candle or small oil lamp for “sooting” parts to fit

Mail pre-registration with fee payment to the "Registrar"
Make checks payable to "Washington Historical Gunmaker's Guild".

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Please <u>PRINT</u> Your Name:	Please <u>PRINT</u> your Address:
e-mail:	Phone #:
Note: If you would like any additional information please call the appropriate person listed above. A detailed map and confirmation letter will be sent to you upon pre-registration.	Note: Any special medical or emergency information we should know about for your safety at this event? Please contact the Registrar prior to event registration. Thank you. <i><u>Your Safety is important to us!</u></i>
Event Pre-registration: Thurs/Fri./ Sat Sun events: ____ \$80.00	

Note: Required registration fee covers all meals, refreshments, camping, and facilities usage. Pre-register must be received before August 1st

Please check those that apply:

4 Day Pre-Registration (Thurs – Sun) _____ \$80.00
2 Day Pre-Registration (Sat- Sun) _____ \$50.00

Your check for \$_____ is enclosed