

# DAVID MACDONALD

## MASTER BLACKSMITH

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### Copper and *Repoussage*

*Repoussage* is a technique used to shape and place designs into a sheet of copper. David MacDonald studied this exacting technique in France, where he worked with the masters who had restored the Statue of Liberty. Pictured at right is an early study of a piece David created, based on a designer's drawing, using *repoussage*.



### Special Commission

We were recently commissioned to create a replica of a U.S. Army Special Forces shield. The backing is copper and was shaped via *repoussage*. The arrows were hand-forged from a composite metal called monel. Stainless steel and carbon steel were also used. Each metal in this piece will age differently, ensuring a distinctive appearance.



### Special Tools

*Repoussage* requires precision and the use of special tools. The lettering alone required us to make over a dozen new tools specifically for this project. Some of the tools used to create the Special Forces shield are pictured to the right with the copper sheet used for the shield's backing.



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## Copper Sink Basins

There are many uses for copper and the *repoussage* technique. In the photo to the right, David MacDonald is hand shaping a copper sink basin for a custom bathroom. Copper is an interesting choice for custom sink basins because it offers a different look than most materials used in high-end bathrooms today.



## Sink and Counter Top

The photo to the right shows a copper sink and counter top installed in a private hunting lodge in Colorado. David worked closely with the owner and architect to finalize the design and specifications for this unique installation. David also made the pulls on the cabinet doors visible in the photo.



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David MacDonald, Master Blacksmith.

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