

**MAKING TRADITIONAL SIDE ESCAPEMENT PLANES
WITH LARRY WILLIAMS AND DON McCONNELL
SEPTEMBER 17-21, 2012**

Schedule:

Monday:

Morning- Introduction to molding planes and plane making

Afternoon- We will practice and gain skills with plane making tools and begin work on their planes

Tuesday:

Morning- Produce and sink the escapements on their two planes

Afternoon- Produce and begin opening the wedge mortises

Wednesday:

Morning- Size, shape and fit wedges to the planes - begin bedding their plane irons

Afternoon-Finish bedding irons then profile the soles and irons

Thursday:

Morning- Finish profiling irons then begin the heat treating process

Afternoon- Finish heat treating & tempering of irons. We'll end the day by applying a finish to the planes.

Friday:

Morning- Flatten and sharpen the irons, sharpening will include final matching to the soles of the planes.
Final tune the now working planes.

Afternoon- Discussion and examples of other types of molding planes and how they're made.

Tool List:

- Western style backsaw
- 1/10" chisel (available from Lie-Nielsen, we strongly suggest O-1)
- 3/8" and 3/4 or 1" bevel edged chisels
- Brace
- Metal scribe or awl
- 6" or 12" adjustable square
- Smooth plane
- 6" half round file
- 8" or 10" mill bastard file
- Pencils and notebook paper
- Rule
- Bevel square
- Mallet
- Digital camera for photos
- Safety equipment – hearing protection, dust mask, safety glasses

Optional tools:

(Bring them if you have them. Please don't purchase these for this workshop; we'll have extra tools available.)

- Lie-Nielsen plane makers' floats
- 1/8" and 3/16" edge floats
- Side float
- Gouges 1/4" #8 and 1/2" #5 or #6
- Shoulder plane
- Fillister or rabbet plane