**2023 Dakota Woodturner’s Symposium**

**2023 Safety Equipment for Symposium Participants**

**1. Safety glasses**

**2. Full face shield**

**3. Dust masks**

**4. Safety conscious attitude**

**Eric Lofstrom**

Each participant will need 2 wood blanks: (Provided by DWT)

One BOWL BLANK of **5" square x 2" thick**, face grain blank of Sugar Maple (or Eastern Cherry) with **NO cracks, end grain checks or bark inclusions**.

One JAM CHUCK BLANK of **5" square x ~1.5" thick**, face grain blank of soft Maple, Basswood, Beech or other soft wood with **NO cracks, end grain checks or bark inclusions.**

**Tools needed:**

~3/4" dia. multi-spur or Sorby Steb-Drive

4-jaw Chuck with standard jaws (ie. Oneway Talon chuck w/ #2 jaws)

single-diode/ single-bulb light source

1/2" shank fingernail grind bowl gouge

3/8" shank fingernail bowl gouge

3/4" wide radius-profile scraper (negative rake is preferred but not required)

parting tool

6" calipers or dividers (measuring)

pencil

extra-fine diamond credit card hone (1000 grit or finer)

2"x4" 400 grit, aluminum oxide, cloth-backed "sandpaper"

eye protection (face shield + safety glasses)

dust protection (mask)

**Sally Ault – Tool List**

-Basic turning tools

Spindle gouge

Bowl gouge

Parting tool

4 jaw chuck

**Mark Kielpinski – Tool List**

Bowl gouge\* – used to do roughing and initial shaping

Spindle gouge\* – final shaping, shear scraping

Parting tool\* – define shape of sphere

Negative rake scraper – optional

Safety drive – optional

Oneway live center – optional – with cone removed

Multi-tip live center – optional

\*Gouges and parting tool must be sharp