

## TURNING 32

WITH WAUKEENE VINSON

[<Link to List of Demonstrations>](#)

## The Elegant Sandhill Crane



Off-Center Turned Crane on the DIY Paul Howard Style Off-Center Woodturning Jig

The first crane I turned; I turned it between centers. Realizing how much more stable it would be on a chuck I started using the Paul Howard style off center woodturning jig. In addition, they can be turned on the Journey off center woodturning jig, or the Dux Chuck woodturning jig. This demonstration, turning the crane will be done on a Paul Howard style off center woodturning jig. Paul is a wood turner and a woodturning tool maker in the UK. **This is my Version of the Paul Howard Style Off-Center Woodturning Jig.**

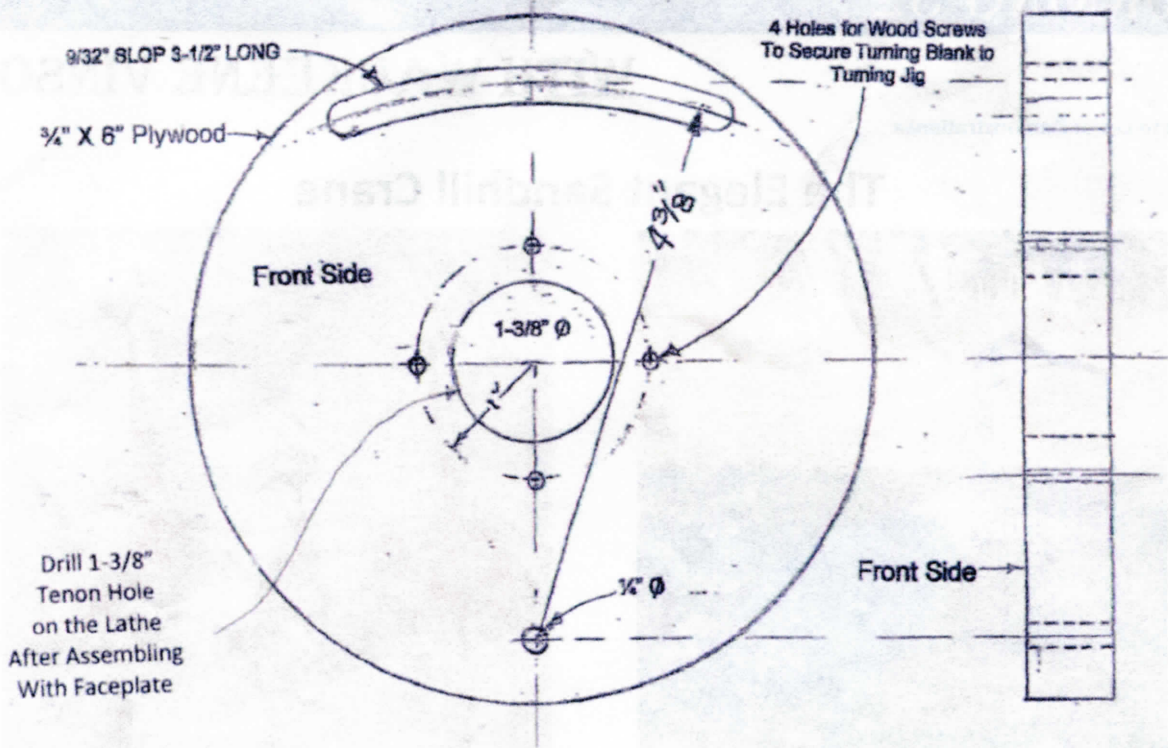
I had seen Pat Carroll using this Off-Center Woodturning Jig on one of his IRDs, turning a duck. He said it was an off-center wood turning jig Paul Howard had designed. Not knowing what the dimensions were and looking at it on Pat's IRD I came up with dimensions as I cut it out and put it together. With the dimensions and layout on the drawings of this jig, it will give you about 3/4" offset in either direction of center line. I chose to have 1-3/8" (size optional) diameter tenon hole, because that's the size of the tenon hole on my Dux Chuck.

**Drill the 1-3/8" (size optional) tenon hole after attaching face plate and bolting jig together on the 0 point so centers will line up with center of faceplate when drilling hole.** The 1-3/8" works out well to have enough wood to attach a 2-1/2" to 3" diameter turning blank with 4 screws to hold it securely for a 3/4" offset turning.

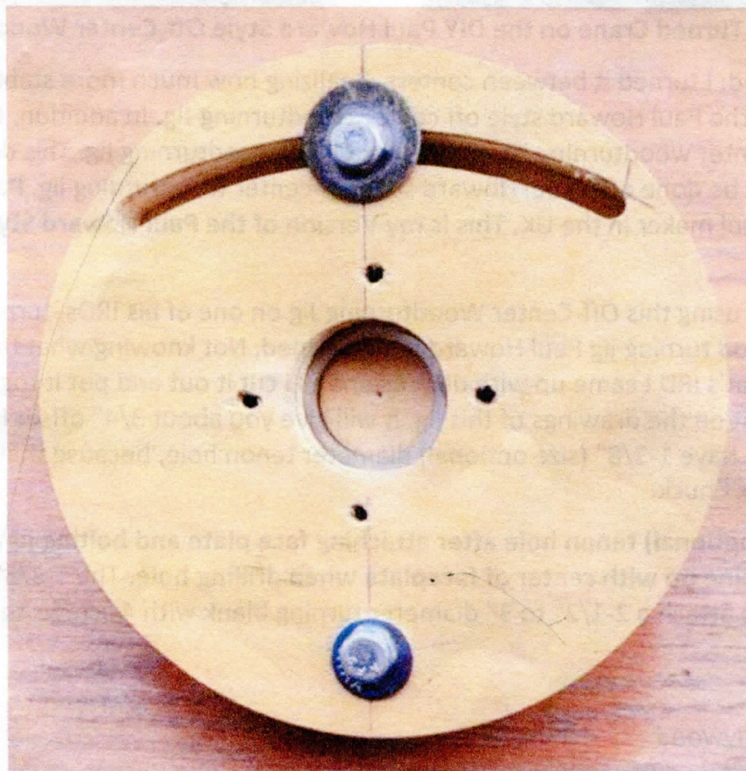
**MATERIAL LIST**

- 2 ea. 6" dia. 3/4" Plywood
- 2 ea. 1/4" x 1-1/2" Bolt
- 2 ea. 1/4" Washers
- 2 ea. 1/4" T-Nuts
- 4 ea. # 8 x 1-1/2" to 2" Wood Screw

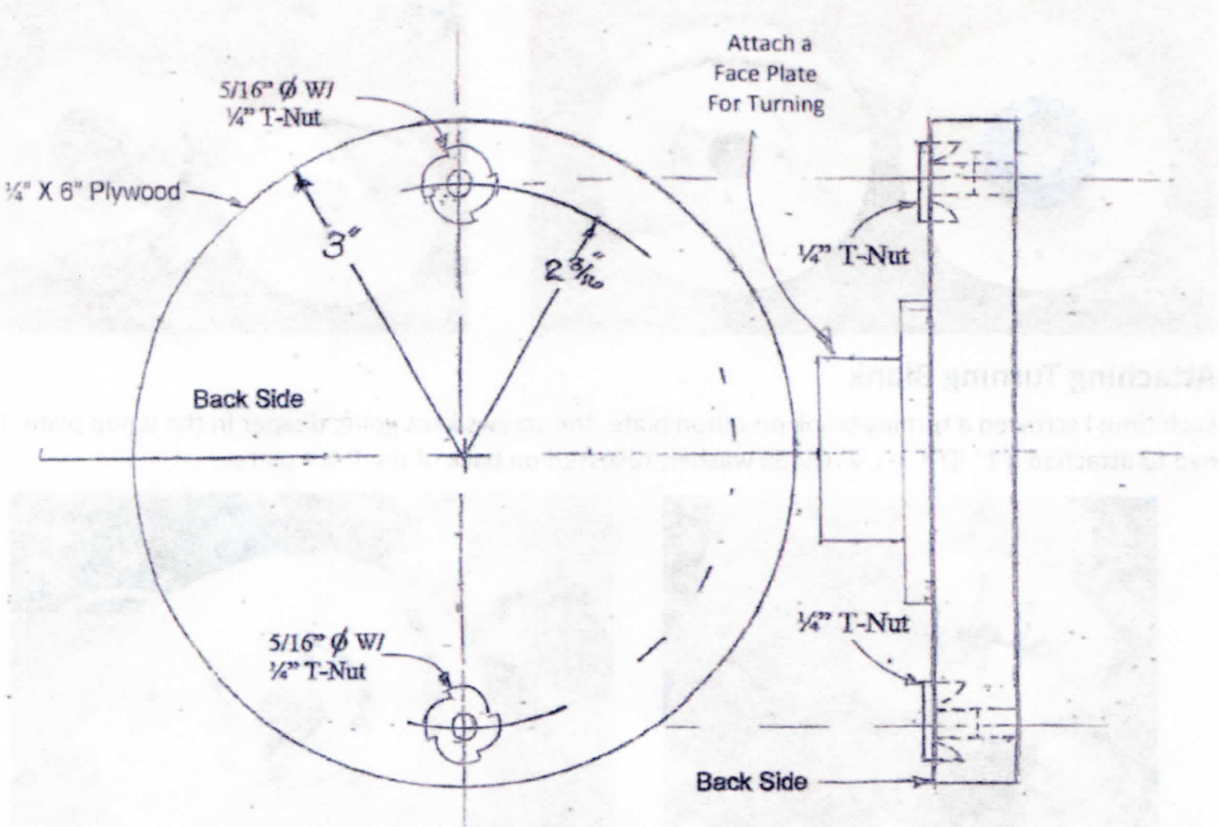




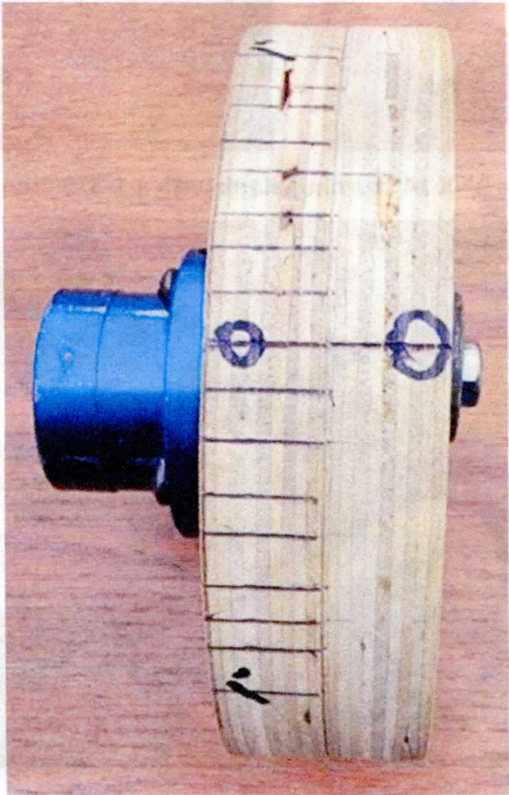
Off-Center Chuck Turning Blank Tenon Plate  
Waukeene Vinson, waukeenev3@sbcglobal.net



DIY Paul Howard Style Off-Center Woodturning Jig

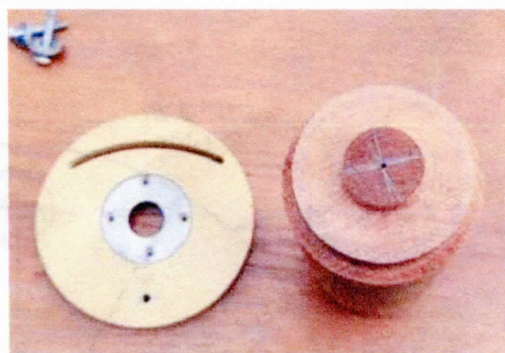
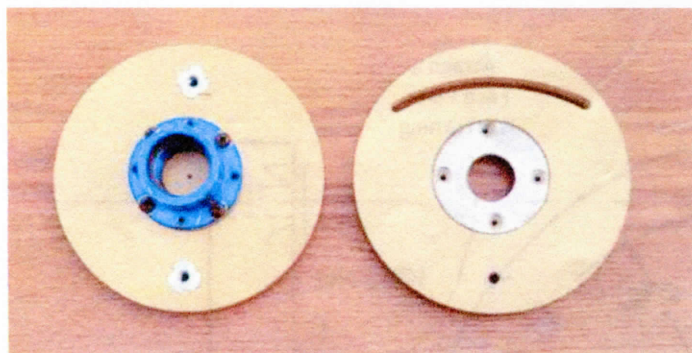


Off-Center Chuck Mounting Plate  
Waukeene Vinson, waukeenev3@sbcglobal.net



DIY Paul Howard Style Off-Center Woodturning Jig Set at 0



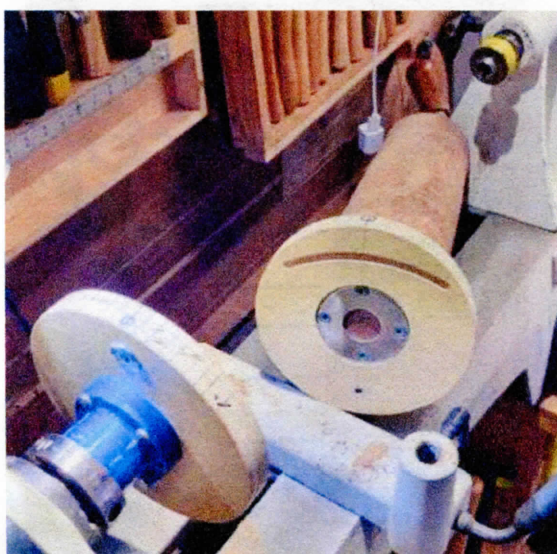


### Attaching Turning Blank

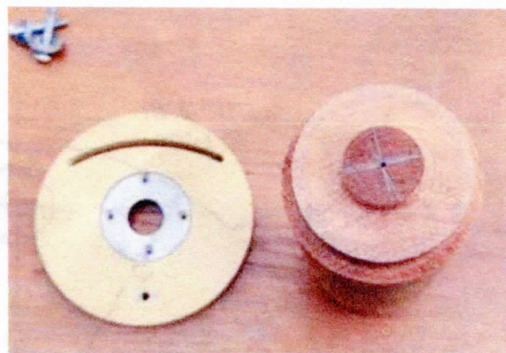
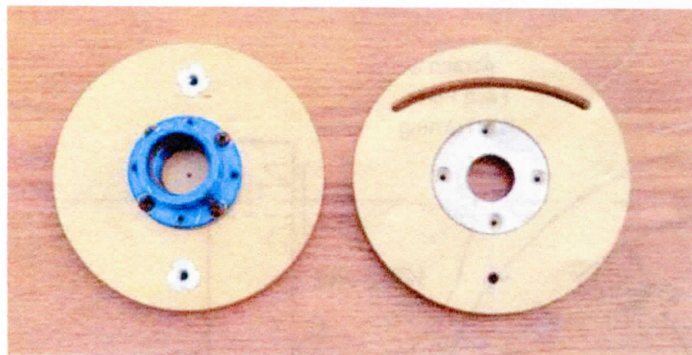
Each time I screwed a turning blank on tenon plate, the screws kept going deeper in the wood plate. I had to attached a 1" ID X 2-1/2" OD SS washer, recessed on back of the front plate.



Attaching a 3" X 14" turning blank with a 1-3/8" tenon 1/2" long.

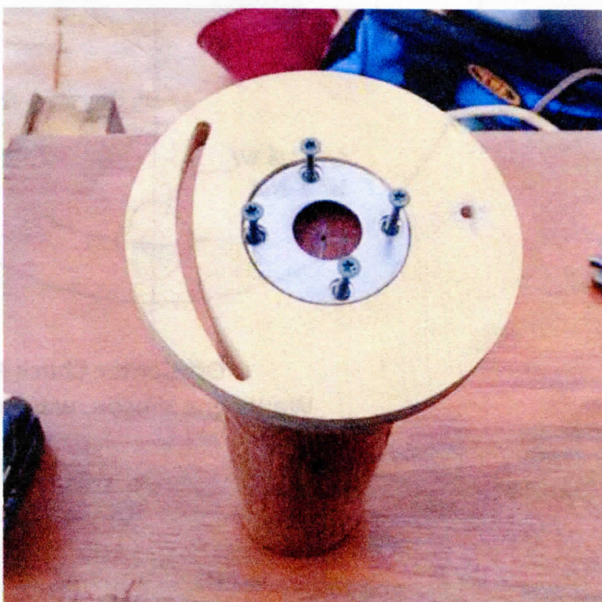




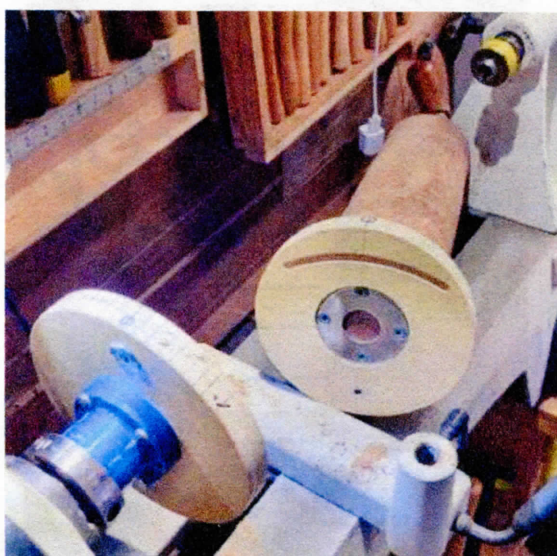


### Attaching Turning Blank

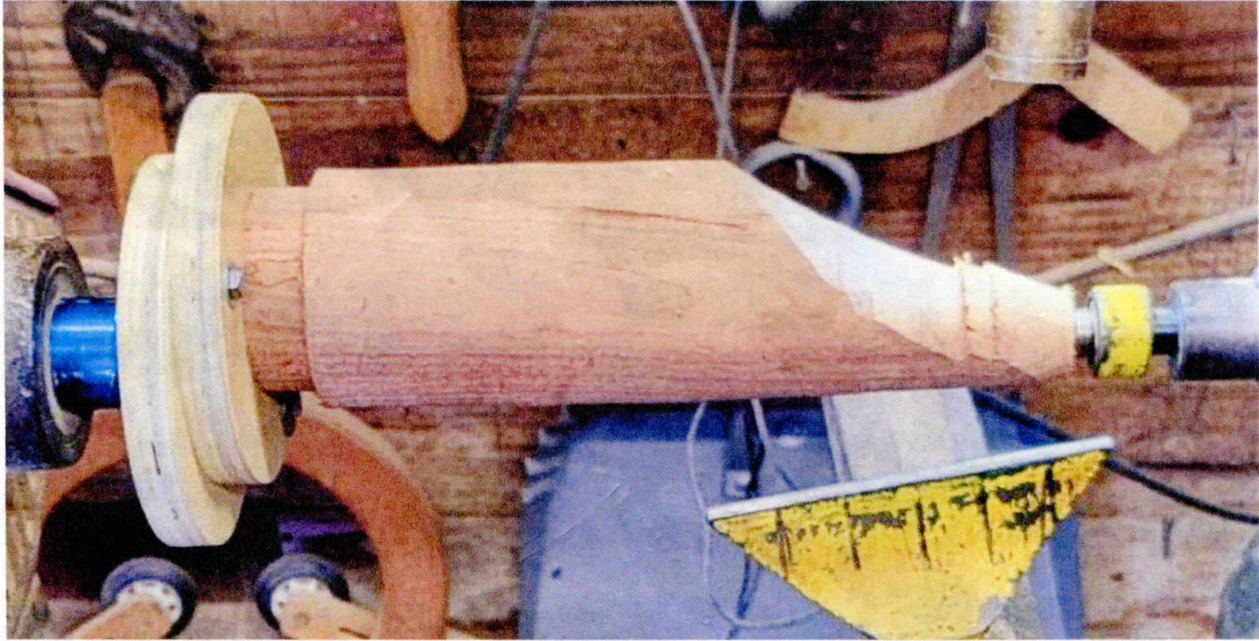
Each time I screwed a turning blank on tenon plate, the screws kept going deeper in the wood plate. I had to attached a 1" ID X 2-1/2" OD SS washer, recessed on back of the front plate.



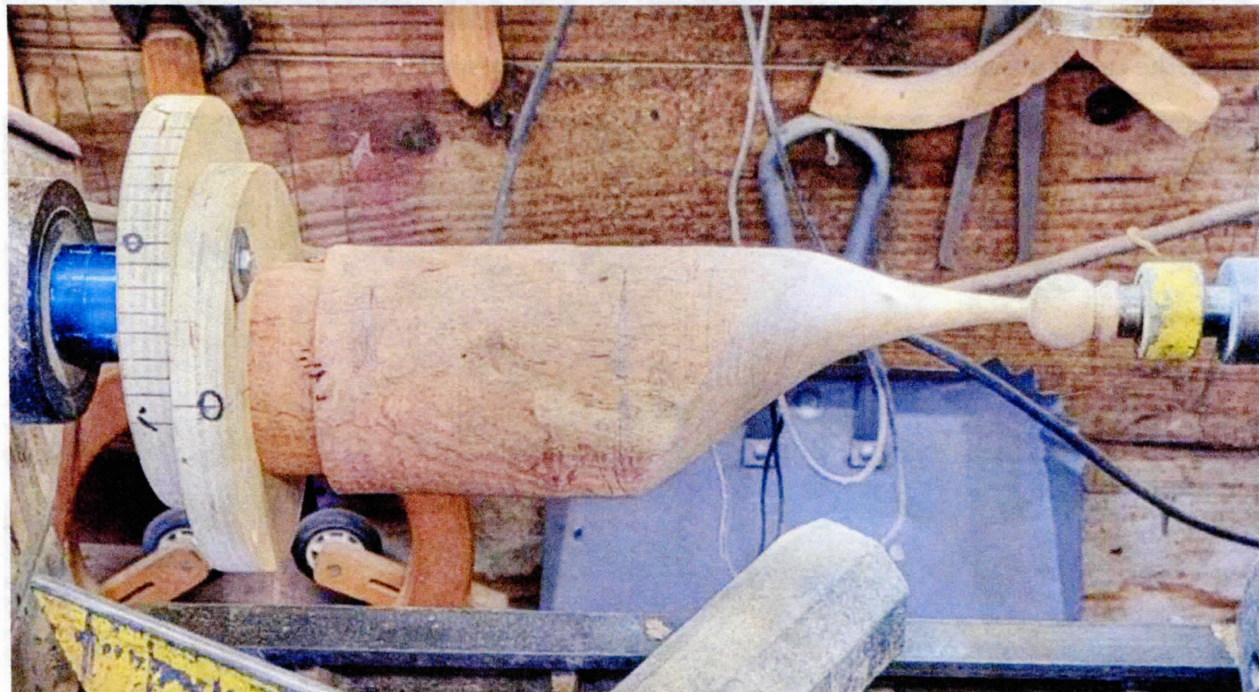
Attaching a 3" X 14" turning blank with a 1-3/8" tenon 1/2" long.







This turning was set for a 3/4 in offset. Start by using the tail stock and turning the head first



Sand and finish the shape of the head at this point before you move it back to center.

You will not move back to this position again





Set on the center position shape the body legs and support as desired.



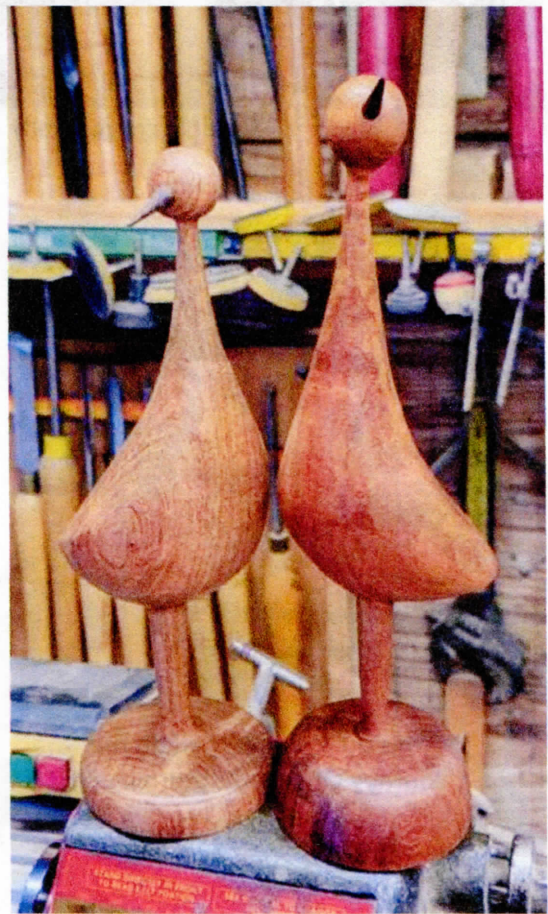
Sand and finish with your preferred finish.

Support head on the tool rest, while drilling hole for the beak.





Part off and finish the bottom as desired.



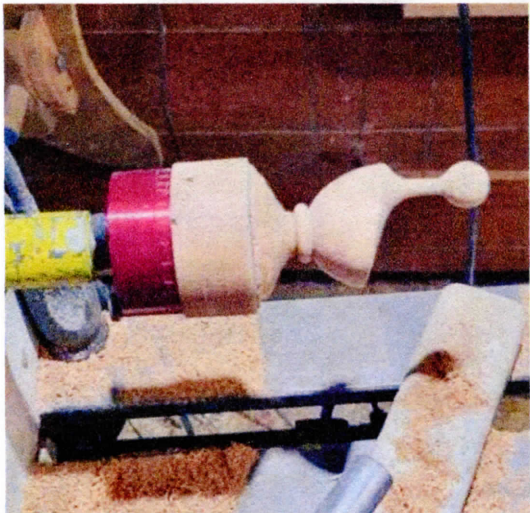




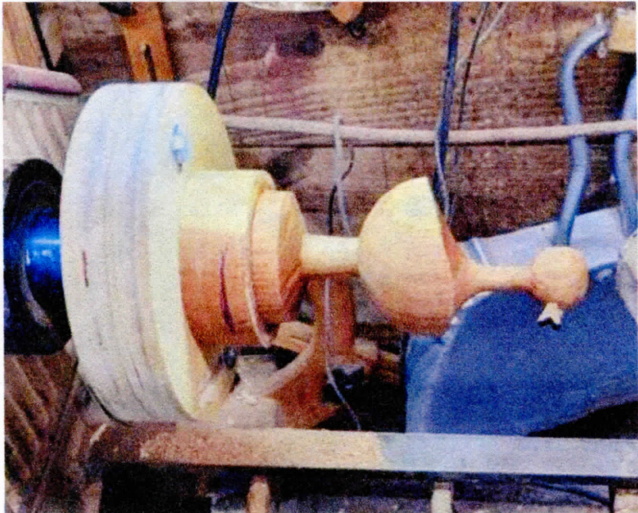
Sandhill crane family



This one looks more like a stork to me

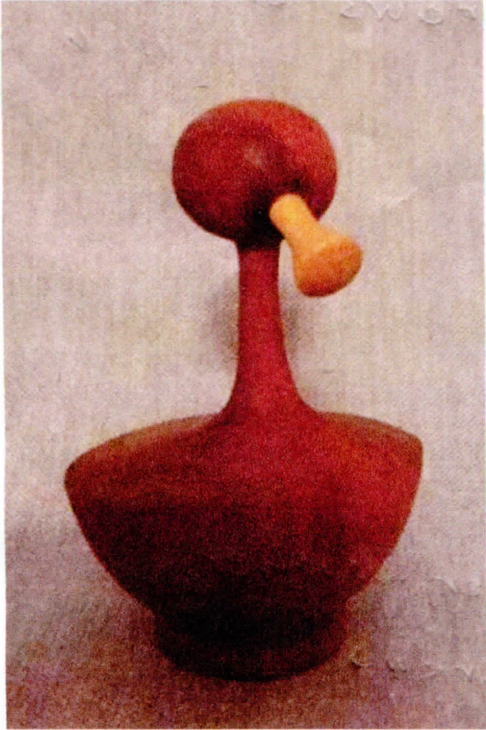


This duck was turned on the Journey Offset woodturning jig



This duck is turned on the Paul Howard style off center woodturning jig





Off-Center weed vase



Three Center spiral box