TUNING WOODSHOP MACHINES

This is a list of the various adjustments which should be made to each machine. It is not only a checklist, but also a guide for order of operations.

1. TABLE SAW
   a. Run-out of shaft (radial run-out)
   b. Run-out of flange (axial run-out)
   c. Run-out of blade
   d. Squareness of blade to table
   e. Parallelism of blade to table slots
   f. Parallelism of fence to table slots

2. RADIAL SAW
   a. Run-out of shaft (radial run-out)
   b. Run-out of flange (axial run-out)
   c. Run-out of blade
   d. Squareness of blade to table
   e. Parallelism of blade to ways
   f. Parallelism of ways to table (for dado blades only)

3. JOINTER
   a. Parallelism of tables to each other
   b. Parallelism of blades to outfeed table
   c. Adjust outfeed table to height of cutting circle. (If outfeed table is not adjustable, set blades to height of outfeed table.)

4. PLANER
   a. Parallelism of bed to head
   b. Parallelism of blades to head
   c. Height (drop) of infeed roller
   d. Height of chip-breaker
   e. Height of pressure bar
   f. Height of outfeed roller
   g. Height of bed rollers

5. BAND SAW
   a. Squareness of blade to table
   b. Squareness of guide to plane of wheels
   c. Lateral alignment of guides to tangent of wheels
   d. Axial alignment of guides
   e. Depth of guide to pressure wheel
   f. Tangency of pressure wheel

JBS AT BTT FOR BIG 6/98