

Jerry Faire's
HAV Program Material List
March 2025

1. Small lathe for class use and a collet set of #10 to 40 (every other size is fine—10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40). WW lathe, Shurline, etc. any desk top lathe. A good 3 jaw chuck that will take stock from 1mm size to 4mm.
2. Drill set (preferable a number drill set).
3. Small can of Hoppe's #9 gun oil, NOT solvent—the cans look the same but we will be using the #9 oil.
4. A double sided pivot burnisher (if you have one made of carbide bring that as well*).
5. One set of cutting **and** one set of smoothing broaches.
6. Hand bushing reamers in either Bergeon or KWM size #3 (3mm for Bergeon).
7. Glass plate (1/4" or 5/16" thick X 8"X10" or similar size) to use with sanding sheet listed below.
8. One cloth back sanding sheet 220 grit and one sheet of 1500 grit sanding cloth. (*If you are bringing a carbide burnisher, you will also need to bring an extra fine and extra course diamond laps).
9. One pad of 4/0 steel wool.
10. One eye loupe 3X or 4X (Optivisors are fine).
11. One sharpened and ready to use graver (square or diamond shape).
12. Needle file set (at least one triangular and one flat/Barrett style) and one 6-8" mill file.
13. Diagonal wire cutter pliers.
14. 4-6" calipers.
15. A scissors to cut thin (0.005" to 0.015") brass shim stock.
16. Screw drivers- 3/16" and 1/4" wide blades.
17. Stout flat jaw pliers.
18. A shim/feeler/leaf gauge with blades that cover at least 0.010" to 0.050".
19. An American T/S movement with the springs corralled in steel "C" clips and a bag to hold movement parts when disassembled.
20. Small ball peen hammer (4-6oz) with handel.
21. A bench block to hammer on.
22. A bench vise to hold stock and a clamp to a 3" thick table.
23. A rag or two to wipe up work and hands.
24. An ultra-fine point, black, Sharpie® pen.