

GAVILAN COLLEGE
Aviation Maintenance Technology
Minimum Required Tools List
Rev. E

1. Tool box
2. Safety glasses or goggle (optional - full face shield)
3. Gloves
4. Box of disposable gloves
5. Hearing protection
6. Calculator (with at least square root function)
7. Machinist's rule
8. Hammers: 8 oz. ball peen
 soft hammer (rubber is OK)
9. Screw drivers: 3 ea. – slotted (1/8" thru 1/4")
 Phillips #2
 very small slotted
 stubby slotted and Phillips
10. Hacksaw (fix frame) and metal blades
11. Pliers: common pliers
 water pump or channel lock
 duck bill
 needle-nose pliers
12. Diagonal cutters
13. Small wire cutters
14. Wire strippers
15. Wrench – 10" or 12" adjustable jaw
16. Combination wrenches: 1/4" thru 1" (1/16" increments) – 12 point recommended
17. Socket sets: 1/4" drive – 1/4" thru 1/2" (1/16" increments) – 12 point recommended
 3/8" drive – 1/4" thru 1" (1/16" increments) – 12 point recommended
 3/8" deep socket set (optional)
18. Ratchet wrenches: 1/4" drive
 3/8" drive
19. Extensions: 1/4" X 3"
 3/8" X 3"
 3/8" X 6"
20. Pin punches: 1/16"
 1/8"
21. Inspection mirror
22. 1" wide putty knife
23. Carpenter's square – approximant size 8" X 12"
24. Compass – pencil type
25. Utility knife
26. Small set Allen wrench (to 1/4")
27. Center punch

- 28.Small flashlight or inspection light
- 29.Magnifying glass
- 30.Digital multimeter
- 31.Metal files
- 32.Drill bits: 5 - #40
 5 - #30
 5 - #21
- 33.Rivet gage (#3 thru #5)
- 34.Sharpie - Ultra Fine Tip
- 35.Safety Wire Pliers

Optional Recommended Additions

- 1. Vise grip pliers
- 2. Cotter-key puller
- 3. Tire inflator
- 4. Tire inflation gauge (low range)
- 5. Magnet or extension magnetic pickup
- 6. Brass drifts
- 7. Socket drive u-joints
- 8. Swivel/wobble sockets and extensions
- 9. Clip board
- 10.Offset Phillips and slotted screwdrivers
- 11.First-Aid kit