

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

1. Toolbox
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 (TI-30XIIS recommended)
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 3/4" (1/16" increments) – 12 pt recommended
17. Socket sets: 1/4" drive – 1/4" thru 1/2" (1/16" increments) – 12 pt recommended
 3/8" drive – 5/6" thru 3/4" (1/16" increments) – 12 pt recommended
 3/8" deep socket set (optional)
18. 1/4" & 3/8" Socket drive u-joint
19. Ratchet wrenches: 1/4" drive
 3/8" drive
20. Extensions: 1/4" X 3"
 3/8" X 3"
 3/8" X 6"
21. Pin punches: 1/16"
 1/8"
22. Inspection mirror
23. 1" or 2" wide putty knife
24. Carpenter's square – approximat size 8" X 12"
25. Compass – pencil type
26. Utility knife
27. Small set Allen wrench (to 1/4")

- 28.Center punch (automatic recommended)
- 29.Small flashlight or inspection light
- 30.Magnifying glass
- 31.Digital multimeter (Innova 3320 recommended)
- 32.Multimeter leads
- 33.Metal files
- 34.Drill bits: 5 - #40
5 - #30
5 - #21
- 35.Rivet gage (#3 thru #5)
- 36.Sharpie - Ultra Fine Tip
- 37.Safety Wire Pliers

Optional Recommended Additions

1. Schrader valve core tool
2. Cotter-key puller
3. Magnet or extension magnetic pickup
4. Brass drifts
5. Swivel/wobble sockets and extensions
6. Offset Phillips and slotted screwdrivers
7. Vise grip pliers
8. Curved Hemostat
9. Spark plug socket